

### 1A1A Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	0.989166
Apr 25, 2007	May 24, 2007	0.966738
May 25, 2007	Jun 22, 2007	0.929788
Jun 25, 2007	Jul 24, 2007	0.884455
Jul 25, 2007	Aug 24, 2007	0.857068
Aug 27, 2007	Sep 24, 2007	0.840166
Sep 25, 2007	Oct 24, 2007	0.826072
Oct 25, 2007	Nov 23, 2007	0.819272
Nov 26, 2007	Dec 24, 2007	0.811392
Dec 26, 2007	Jan 24, 2008	0.798357
Jan 25, 2008	Feb 22, 2008	0.790793
Feb 25, 2008	Mar 24, 2008	0.775238
Mar 25, 2008	Apr 24, 2008	0.764964
Apr 25, 2008	May 23, 2008	
May 27, 2008	Jun 24, 2008	0.747213
Jun 25, 2008	Jul 24, 2008	0.725993
Jul 25, 2008	Aug 22, 2008	0.705298
Aug 25, 2008	Sep 24, 2008	0.680905
Sep 25, 2008	Oct 24, 2008	0.657857
	<u> </u>	0.636912
Oct 27, 2008	Nov 24, 2008	0.619265
Nov 25, 2008	Dec 24, 2008	0.607733
Dec 26, 2008	Jan 23, 2009	0.586834
Jan 26, 2009	Feb 24, 2009	0.568363
Feb 25, 2009	Mar 24, 2009	0.553949
Mar 25, 2009	Apr 24, 2009	0.534272
Apr 27, 2009	May 22, 2009	0.513304
May 26, 2009	Jun 24, 2009	0.496031
Jun 25, 2009	Jul 24, 2009	0.476927
Jul 27, 2009	Aug 24, 2009	0.456707
Aug 25, 2009	Sep 24, 2009	0.437400
Sep 25, 2009	Oct 23, 2009	0.422172
Oct 26, 2009	Nov 24, 2009	0.402794
Nov 25, 2009	Dec 24, 2009	0.388231
Dec 28, 2009	Jan 22, 2010	0.372264
Jan 25, 2010	Feb 24, 2010	0.355572
Feb 25, 2010	Mar 24, 2010	0.345995
Mar 25, 2010	Apr 23, 2010	0.340569
Apr 26, 2010	May 24, 2010	0.334849
May 25, 2010	Jun 24, 2010	0.329202
Jun 25, 2010	Jul 23, 2010	0.324974
Jul 26, 2010	Aug 24, 2010	0.318975
Aug 25, 2010	Sep 24, 2010	0.314963
Sep 27, 2010	Oct 22, 2010	0.309563
Oct 25, 2010	Nov 24, 2010	0.307114
Nov 26, 2010	Dec 23, 2010	0.303942
Dec 27, 2010	Jan 24, 2011	0.299156
Jan 25, 2011	Feb 24, 2011	0.295367
Feb 25, 2011	Mar 24, 2011	0.292916
Mar 25, 2011	Apr 22, 2011	0.291032
Apr 25, 2011	May 24, 2011	0.287659
May 25, 2011	Jun 24, 2011	0.284779
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### 1A1A Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.281968
Jul 25, 2011	Aug 24, 2011	0.278242
Aug 25, 2011	Sep 23, 2011	0.274434
Sep 26, 2011	Oct 24, 2011	0.271164
Oct 25, 2011	Nov 23, 2011	0.269150
Nov 25, 2011	Dec 23, 2011	0.267731
Dec 27, 2011	Jan 24, 2012	0.265132
Jan 25, 2012	Feb 24, 2012	0.262541
Feb 27, 2012	Mar 23, 2012	0.261632
Mar 26, 2012	Apr 24, 2012	0.259235
Apr 25, 2012	May 24, 2012	0.257717
May 25, 2012	Jun 22, 2012	0.255978
Jun 25, 2012	Jul 24, 2012	0.253679
Jul 25, 2012	Aug 24, 2012	0.251430
Aug 27, 2012	Sep 24, 2012	0.249705
Sep 25, 2012	Oct 24, 2012	0.247138
Oct 25, 2012	Nov 23, 2012	0.244121
Nov 26, 2012	Dec 24, 2012	0.241700
Dec 26, 2012	Jan 24, 2013	0.239548
Jan 25, 2013	Feb 22, 2013	0.236910
Feb 25, 2013	Mar 22, 2013	0.235217
Mar 25, 2013	Apr 24, 2013	0.232399
Apr 25, 2013	May 24, 2013	0.230781
May 28, 2013	Jun 24, 2013	0.229053
Jun 25, 2013	Jul 24, 2013	0.227158
Jul 25, 2013	Aug 23, 2013	0.225743
Aug 26, 2013	Sep 24, 2013	0.224955
Sep 25, 2013	Oct 24, 2013	0.222995
Oct 25, 2013	Nov 22, 2013	0.221796
Nov 25, 2013	Dec 24, 2013	0.220673
Dec 26, 2013	Jan 24, 2014	0.219739
Jan 27, 2014	Feb 24, 2014	0.218737
Feb 25, 2014	Mar 24, 2014	0.217680
Mar 25, 2014	Apr 24, 2014	0.216841
Apr 25, 2014	May 23, 2014	0.215481
May 27, 2014	Jun 24, 2014	0.214618
Jun 25, 2014	Jul 24, 2014	0.212960
Jul 25, 2014	Aug 22, 2014	0.212009
Aug 25, 2014	Sep 24, 2014	0.210428
Sep 25, 2014	Oct 24, 2014	0.209112
Oct 27, 2014	Nov 24, 2014	0.207881
Nov 25, 2014	Dec 24, 2014	0.206003
Dec 26, 2014	Jan 23, 2015	0.205284
Jan 26, 2015	Feb 24, 2015	0.204335
Feb 25, 2015	Mar 24, 2015	0.203446
Mar 25, 2015	Apr 24, 2015	0.202901
Apr 27, 2015	May 22, 2015	0.200100
May 26, 2015	Jun 24, 2015	0.199017
Jun 25, 2015		0.197943

### 1A1B Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	0.989166
Apr 25, 2007	May 24, 2007	0.966738
May 25, 2007	Jun 22, 2007	0.929788
Jun 25, 2007	Jul 24, 2007	0.884455
Jul 25, 2007	Aug 24, 2007	0.857068
Aug 27, 2007	Sep 24, 2007	0.840166
Sep 25, 2007	Oct 24, 2007	0.826072
Oct 25, 2007	Nov 23, 2007	0.819272
Nov 26, 2007	Dec 24, 2007	0.811392
Dec 26, 2007	Jan 24, 2008	0.798357
Jan 25, 2008	Feb 22, 2008	0.790793
Feb 25, 2008	Mar 24, 2008	
Mar 25, 2008	Apr 24, 2008	0.775238
Apr 25, 2008	May 23, 2008	0.764964
May 27, 2008	Jun 24, 2008	0.747213
Jun 25, 2008	Jul 24, 2008	0.747213
Jul 25, 2008	Aug 22, 2008	0.747213
Aug 25, 2008	Sep 24, 2008	0.747213
Sep 25, 2008	Oct 24, 2008	0.747213
	•	0.747213
Oct 27, 2008	Nov 24, 2008	0.747213
Nov 25, 2008	Dec 24, 2008	0.747213
Dec 26, 2008	Jan 23, 2009	0.747213
Jan 26, 2009	Feb 24, 2009	0.747213
Feb 25, 2009	Mar 24, 2009	0.747213
Mar 25, 2009	Apr 24, 2009	0.747213
Apr 27, 2009	May 22, 2009	0.747213
May 26, 2009	Jun 24, 2009	0.747213
Jun 25, 2009	Jul 24, 2009	0.747213
Jul 27, 2009	Aug 24, 2009	0.747213
Aug 25, 2009	Sep 24, 2009	0.747213
Sep 25, 2009	Oct 23, 2009	0.747213
Oct 26, 2009	Nov 24, 2009	0.747213
Nov 25, 2009	Dec 24, 2009	0.747213
Dec 28, 2009	Jan 22, 2010	0.747213
Jan 25, 2010	Feb 24, 2010	0.747213
Feb 25, 2010	Mar 24, 2010	0.747213
Mar 25, 2010	Apr 23, 2010	0.747213
Apr 26, 2010	May 24, 2010	0.747213
May 25, 2010	Jun 24, 2010	0.747213
Jun 25, 2010	Jul 23, 2010	0.747213
Jul 26, 2010	Aug 24, 2010	0.747213
Aug 25, 2010	Sep 24, 2010	0.747213
Sep 27, 2010	Oct 22, 2010	0.747213
Oct 25, 2010	Nov 24, 2010	0.747213
Nov 26, 2010	Dec 23, 2010	0.747213
Dec 27, 2010	Jan 24, 2011	0.747213
Jan 25, 2011	Feb 24, 2011	0.747213
Feb 25, 2011	Mar 24, 2011	0.747213
Mar 25, 2011	Apr 22, 2011	0.747213
Apr 25, 2011	May 24, 2011	0.747213
May 25, 2011	Jun 24, 2011	0.747213

### 1A1B Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.747213
Jul 25, 2011	Aug 24, 2011	0.747213
Aug 25, 2011	Sep 23, 2011	0.747213
Sep 26, 2011	Oct 24, 2011	0.747213
Oct 25, 2011	Nov 23, 2011	0.747213
Nov 25, 2011	Dec 23, 2011	0.747213
Dec 27, 2011	Jan 24, 2012	0.747213
Jan 25, 2012	Feb 24, 2012	0.747213
Feb 27, 2012	Mar 23, 2012	0.747213
Mar 26, 2012	Apr 24, 2012	0.747213
Apr 25, 2012	May 24, 2012	0.747213
May 25, 2012	Jun 22, 2012	0.747213
Jun 25, 2012	Jul 24, 2012	0.747213
Jul 25, 2012	Aug 24, 2012	0.747213
Aug 27, 2012	Sep 24, 2012	0.747213
Sep 25, 2012	Oct 24, 2012	0.747213
Oct 25, 2012	Nov 23, 2012	0.747213
Nov 26, 2012	Dec 24, 2012	0.747213
Dec 26, 2012	Jan 24, 2013	0.747213
Jan 25, 2013	Feb 22, 2013	0.747213
Feb 25, 2013	Mar 22, 2013	0.747213
Mar 25, 2013	Apr 24, 2013	0.747213
Apr 25, 2013	May 24, 2013	0.747213
May 28, 2013	Jun 24, 2013	0.747213
Jun 25, 2013	Jul 24, 2013	0.747213
Jul 25, 2013	Aug 23, 2013	0.747213
Aug 26, 2013	Sep 24, 2013	0.747213
Sep 25, 2013	Oct 24, 2013	0.747213
Oct 25, 2013	Nov 22, 2013	0.747213
Nov 25, 2013	Dec 24, 2013	0.747213
Dec 26, 2013	Jan 24, 2014	0.747213
Jan 27, 2014	Feb 24, 2014	0.747213
Feb 25, 2014	Mar 24, 2014	0.747213
Mar 25, 2014	Apr 24, 2014	0.747213
Apr 25, 2014	May 23, 2014	0.747213
May 27, 2014	Jun 24, 2014	0.747213
Jun 25, 2014	Jul 24, 2014	0.747213
Jul 25, 2014	Aug 22, 2014	0.747213
Aug 25, 2014	Sep 24, 2014	0.747213
Sep 25, 2014	Oct 24, 2014	0.747213
Oct 27, 2014	Nov 24, 2014	0.747213
Nov 25, 2014	Dec 24, 2014	0.747213
Dec 26, 2014	Jan 23, 2015	0.747213
Jan 26, 2015	Feb 24, 2015	0.747213
Feb 25, 2015	Mar 24, 2015	0.747213
Mar 25, 2015	Apr 24, 2015	0.747213
Apr 27, 2015	May 22, 2015	0.747213
May 26, 2015	Jun 24, 2015	0.747213
Jun 25, 2015		0.747213

### 1A2 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
	Oct 24, 2008	1.000000
Sep 25, 2008	•	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	0.987355
Apr 26, 2010	May 24, 2010	0.974022
May 25, 2010	Jun 24, 2010	0.960858
Jun 25, 2010	Jul 23, 2010	0.951004
Jul 26, 2010	Aug 24, 2010	0.937021
Aug 25, 2010	Sep 24, 2010	0.927668
Sep 27, 2010	Oct 22, 2010	0.915082
Oct 25, 2010	Nov 24, 2010	0.909373
Nov 26, 2010	Dec 23, 2010	0.901981
Dec 27, 2010	Jan 24, 2011	0.890824
Jan 25, 2011	Feb 24, 2011	0.881993
Feb 25, 2011	Mar 24, 2011	0.876279
Mar 25, 2011	Apr 22, 2011	0.871888
Apr 25, 2011	May 24, 2011	0.864027
May 25, 2011	Jun 24, 2011	0.857314

### 1A2 Certificate Factor Chart

From	То	Factor
Jun 27, 2011	Jul 22, 2011	0.850760
Jul 25, 2011	Aug 24, 2011	0.842077
Aug 25, 2011	Sep 23, 2011	0.833201
Sep 26, 2011	Oct 24, 2011	0.825577
Oct 25, 2011	Nov 23, 2011	0.820884
Nov 25, 2011	Dec 23, 2011	0.817576
Dec 27, 2011	Jan 24, 2012	0.811519
Jan 25, 2012	Feb 24, 2012	0.805479
Feb 27, 2012	Mar 23, 2012	0.803361
Mar 26, 2012	Apr 24, 2012	0.797772
Apr 25, 2012	May 24, 2012	0.794233
May 25, 2012	Jun 22, 2012	0.790181
Jun 25, 2012	Jul 24, 2012	0.784822
Jul 25, 2012	Aug 24, 2012	0.779580
Aug 27, 2012	Sep 24, 2012	0.775560
Sep 25, 2012	Oct 24, 2012	0.769576
Oct 25, 2012	Nov 23, 2012	0.762544
Nov 26, 2012	Dec 24, 2012	0.756901
Dec 26, 2012	Jan 24, 2013	0.751883
Jan 25, 2013	Feb 22, 2013	0.745736
Feb 25, 2013	Mar 22, 2013	0.741788
Mar 25, 2013	Apr 24, 2013	0.735221
Apr 25, 2013	May 24, 2013	0.731449
May 28, 2013	Jun 24, 2013	0.727423
Jun 25, 2013	Jul 24, 2013	0.723004
Jul 25, 2013	Aug 23, 2013	0.719705
Aug 26, 2013	Sep 24, 2013	0.717870
Sep 25, 2013	Oct 24, 2013	0.713300
Oct 25, 2013	Nov 22, 2013	0.710507
Nov 25, 2013	Dec 24, 2013	0.707888
Dec 26, 2013	Jan 24, 2014	0.705712
Jan 27, 2014	Feb 24, 2014	0.703376
Feb 25, 2014	Mar 24, 2014	0.700913
Mar 25, 2014	Apr 24, 2014	0.698957
Apr 25, 2014	May 23, 2014	0.695786
May 27, 2014	Jun 24, 2014	0.693776
Jun 25, 2014	Jul 24, 2014	0.689910
Jul 25, 2014	Aug 22, 2014	0.687693
Aug 25, 2014	Sep 24, 2014	0.684009
Sep 25, 2014	Oct 24, 2014	0.680942
Oct 27, 2014 Nov 25, 2014	Nov 24, 2014 Dec 24, 2014	0.678071
		0.673694
Dec 26, 2014 Jan 26, 2015	Jan 23, 2015 Feb 24, 2015	0.672019
Feb 25, 2015	Mar 24, 2015	0.669806
Mar 25, 2015	Apr 24, 2015	0.667734
Apr 27, 2015	May 22, 2015	0.666464
May 26, 2015	Jun 24, 2015	0.659936
Jun 25, 2015	Jun 24, 2013	0.657412
Jun 23, 2013		0.654907

### A4A Certificate Factor Chart

<u>From</u>	То	<u>Factor</u>
- <u></u>	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	0.985949
Apr 26, 2010	May 24, 2010	0.971135
May 25, 2010	Jun 24, 2010	0.956509
Jun 25, 2010	Jul 23, 2010	0.945560
Jul 26, 2010	Aug 24, 2010	0.930023
Aug 25, 2010	Sep 24, 2010	0.919631
Sep 27, 2010	Oct 22, 2010	0.905646
Oct 25, 2010	Nov 24, 2010	0.899303
Nov 26, 2010	Dec 23, 2010	0.891089
Dec 27, 2010	Jan 24, 2011	0.878693
Jan 25, 2011	Feb 24, 2011	0.868881
Feb 25, 2011	Mar 24, 2011	0.862532
Mar 25, 2011	Apr 22, 2011	0.857652
Apr 25, 2011	May 24, 2011	0.848918
May 25, 2011	Jun 24, 2011	0.841459

### A4A Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.834177
Jul 25, 2011	Aug 24, 2011	0.824529
Aug 25, 2011	Sep 23, 2011	0.814667
Sep 26, 2011	Oct 24, 2011	0.806196
Oct 25, 2011	Nov 23, 2011	0.800981
Nov 25, 2011	Dec 23, 2011	0.797306
Dec 27, 2011	Jan 24, 2012	0.790576
Jan 25, 2012	Feb 24, 2012	0.783864
Feb 27, 2012	Mar 23, 2012	0.781511
Mar 26, 2012	Apr 24, 2012	0.775301
Apr 25, 2012	May 24, 2012	0.771370
May 25, 2012	Jun 22, 2012	0.766866
Jun 25, 2012	Jul 24, 2012	0.760912
Jul 25, 2012	Aug 24, 2012	0.755088
Aug 27, 2012	Sep 24, 2012	0.750621
Sep 25, 2012	Oct 24, 2012	0.743973
Oct 25, 2012	Nov 23, 2012	0.736159
Nov 26, 2012	Dec 24, 2012	0.729889
Dec 26, 2012	Jan 24, 2013	0.724314
Jan 25, 2013	Feb 22, 2013	0.717484
Feb 25, 2013	Mar 22, 2013	0.713097
Mar 25, 2013	Apr 24, 2013	0.705800
Apr 25, 2013	May 24, 2013	0.701609
May 28, 2013	Jun 24, 2013	0.697135
Jun 25, 2013	Jul 24, 2013	0.692226
Jul 25, 2013	Aug 23, 2013	0.688560
Aug 26, 2013	Sep 24, 2013	0.686521
Sep 25, 2013	Oct 24, 2013	0.681443
Oct 25, 2013	Nov 22, 2013	0.678340
Nov 25, 2013	Dec 24, 2013	0.675430
Dec 26, 2013	Jan 24, 2014	0.673012
Jan 27, 2014	Feb 24, 2014	0.670417
Feb 25, 2014	Mar 24, 2014	0.667680
Mar 25, 2014	Apr 24, 2014	0.665506
Apr 25, 2014	May 23, 2014	0.661983
May 27, 2014	Jun 24, 2014	0.659750
Jun 25, 2014	Jul 24, 2014	0.655454
Jul 25, 2014	Aug 22, 2014	0.652991
Aug 25, 2014	Sep 24, 2014	0.648897
Sep 25, 2014	Oct 24, 2014	0.645490
Oct 27, 2014	Nov 24, 2014	0.642299
Nov 25, 2014	Dec 24, 2014	0.637436
Dec 26, 2014	Jan 23, 2015	0.635575
Jan 26, 2015	Feb 24, 2015	0.633117
Feb 25, 2015	Mar 24, 2015	0.630815
Mar 25, 2015	Apr 24, 2015	0.629403
Apr 27, 2015	May 22, 2015	0.622149
May 26, 2015	Jun 24, 2015	0.619345
Jun 25, 2015		0.616561

### A4B Certificate Factor Chart

<u>From</u>	То	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
	<u>,                                      </u>	1.000000
Mar 25, 2010 Apr 26, 2010	Apr 23, 2010	1.000000
May 25, 2010	May 24, 2010 Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000

### A4B Certificate Factor Chart

From	То	Factor
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

### 2A1A Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	0.983249
Apr 25, 2007	May 24, 2007	0.962524
May 25, 2007	Jun 22, 2007	0.933443
Jun 25, 2007	Jul 24, 2007	0.912455
Jul 25, 2007	Aug 24, 2007	0.896936
Aug 27, 2007	Sep 24, 2007	0.891304
Sep 25, 2007	Oct 24, 2007	0.866389
Oct 25, 2007	Nov 23, 2007	0.860735
Nov 26, 2007	Dec 24, 2007	0.852980
Dec 26, 2007	Jan 24, 2008	
Jan 25, 2008	Feb 22, 2008	0.847070
Feb 25, 2008	Mar 24, 2008	0.842291
Mar 25, 2008	Apr 24, 2008	0.840788
Apr 25, 2008	May 23, 2008	0.834332
May 27, 2008	Jun 24, 2008	0.831581
Jun 25, 2008	Jul 24, 2008	0.800727
Jul 25, 2008	•	0.791950
	Aug 22, 2008 Sep 24, 2008	0.780759
Aug 25, 2008	<u> </u>	0.776809
Sep 25, 2008	Oct 24, 2008	0.771027
Oct 27, 2008	Nov 24, 2008	0.762112
Nov 25, 2008	Dec 24, 2008	0.755109
Dec 26, 2008	Jan 23, 2009	0.746155
Jan 26, 2009	Feb 24, 2009	0.740559
Feb 25, 2009	Mar 24, 2009	0.727601
Mar 25, 2009	Apr 24, 2009	0.722174
Apr 27, 2009	May 22, 2009	0.706346
May 26, 2009	Jun 24, 2009	0.704968
Jun 25, 2009	Jul 24, 2009	0.692565
Jul 27, 2009	Aug 24, 2009	0.681478
Aug 25, 2009	Sep 24, 2009	0.676713
Sep 25, 2009	Oct 23, 2009	0.671815
Oct 26, 2009	Nov 24, 2009	0.659132
Nov 25, 2009	Dec 24, 2009	0.644204
Dec 28, 2009	Jan 22, 2010	0.641897
Jan 25, 2010	Feb 24, 2010	0.631376
Feb 25, 2010	Mar 24, 2010	0.628469
Mar 25, 2010	Apr 23, 2010	0.619354
Apr 26, 2010	May 24, 2010	0.609743
May 25, 2010	Jun 24, 2010	0.600253
Jun 25, 2010	Jul 23, 2010	0.593150
Jul 26, 2010	Aug 24, 2010	0.583069
Aug 25, 2010	Sep 24, 2010	0.576327
Sep 27, 2010	Oct 22, 2010	0.567254
Oct 25, 2010	Nov 24, 2010	0.563139
Nov 26, 2010	Dec 23, 2010	0.557810
Dec 27, 2010	Jan 24, 2011	0.549767
Jan 25, 2011	Feb 24, 2011	0.543401
Feb 25, 2011	Mar 24, 2011	0.539282
Mar 25, 2011	Apr 22, 2011	0.536117
Apr 25, 2011	May 24, 2011	0.530450
May 25, 2011	Jun 24, 2011	0.525610
	•	•

### 2A1A Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.520886
Jul 25, 2011	Aug 24, 2011	0.514627
Aug 25, 2011	Sep 23, 2011	0.508228
Sep 26, 2011	Oct 24, 2011	0.502732
Oct 25, 2011	Nov 23, 2011	0.499349
Nov 25, 2011	Dec 23, 2011	0.496965
Dec 27, 2011	Jan 24, 2012	0.492598
Jan 25, 2012	Feb 24, 2012	0.488244
Feb 27, 2012	Mar 23, 2012	0.486717
Mar 26, 2012	Apr 24, 2012	0.482688
Apr 25, 2012	May 24, 2012	0.480138
May 25, 2012	Jun 22, 2012	0.477216
Jun 25, 2012	Jul 24, 2012	0.473353
Jul 25, 2012	Aug 24, 2012	0.469574
Aug 27, 2012	Sep 24, 2012	0.466676
Sep 25, 2012	Oct 24, 2012	0.462363
Oct 25, 2012	Nov 23, 2012	0.457293
Nov 26, 2012	Dec 24, 2012	0.453225
Dec 26, 2012	Jan 24, 2013	0.449608
Jan 25, 2013	Feb 22, 2013	0.445177
Feb 25, 2013	Mar 22, 2013	0.442331
Mar 25, 2013	Apr 24, 2013	0.437597
Apr 25, 2013	May 24, 2013	0.434878
May 28, 2013	Jun 24, 2013	0.431975
Jun 25, 2013	Jul 24, 2013	0.428790
Jul 25, 2013	Aug 23, 2013	0.426412
Aug 26, 2013	Sep 24, 2013	0.425089
Sep 25, 2013	Oct 24, 2013	0.421795
Oct 25, 2013	Nov 22, 2013	0.419781
Nov 25, 2013	Dec 24, 2013	0.417894
Dec 26, 2013	Jan 24, 2014	0.416325
Jan 27, 2014	Feb 24, 2014	0.414641
Feb 25, 2014	Mar 24, 2014	0.412865
Mar 25, 2014	Apr 24, 2014	0.411455
Apr 25, 2014	May 23, 2014	0.409169
May 27, 2014	Jun 24, 2014	0.407720
Jun 25, 2014	Jul 24, 2014	0.404933
Jul 25, 2014	Aug 22, 2014	0.403335
Aug 25, 2014	Sep 24, 2014	0.400679
Sep 25, 2014	Oct 24, 2014	0.398469
Oct 27, 2014	Nov 24, 2014	0.396399
Nov 25, 2014	Dec 24, 2014	0.393244
Dec 26, 2014	Jan 23, 2015	0.392036
Jan 26, 2015	Feb 24, 2015	0.390441
Feb 25, 2015	Mar 24, 2015	0.388948
Mar 25, 2015	Apr 24, 2015	0.388032
Apr 27, 2015	May 22, 2015	0.383326
May 26, 2015	Jun 24, 2015	0.381506
Jun 25, 2015		0.379700

### 2A1B Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	0.983249
Apr 25, 2007	May 24, 2007	0.962524
May 25, 2007	Jun 22, 2007	0.933443
Jun 25, 2007	Jul 24, 2007	0.912455
Jul 25, 2007	Aug 24, 2007	0.896936
Aug 27, 2007	Sep 24, 2007	0.891304
Sep 25, 2007	Oct 24, 2007	0.866389
Oct 25, 2007	Nov 23, 2007	0.860735
Nov 26, 2007	Dec 24, 2007	0.852980
Dec 26, 2007	Jan 24, 2008	0.847070
Jan 25, 2008	Feb 22, 2008	0.842291
Feb 25, 2008	Mar 24, 2008	
Mar 25, 2008	Apr 24, 2008	0.840788
Apr 25, 2008	May 23, 2008	0.834332
May 27, 2008	Jun 24, 2008	0.831581
Jun 25, 2008	Jul 24, 2008	0.831581
Jul 25, 2008	Aug 22, 2008	0.831581
Aug 25, 2008	Sep 24, 2008	0.831581
	Oct 24, 2008	0.831581
Sep 25, 2008	•	0.831581
Oct 27, 2008	Nov 24, 2008	0.831581
Nov 25, 2008	Dec 24, 2008	0.831581
Dec 26, 2008	Jan 23, 2009	0.831581
Jan 26, 2009	Feb 24, 2009	0.831581
Feb 25, 2009	Mar 24, 2009	0.831581
Mar 25, 2009	Apr 24, 2009	0.831581
Apr 27, 2009	May 22, 2009	0.831581
May 26, 2009	Jun 24, 2009	0.831581
Jun 25, 2009	Jul 24, 2009	0.831581
Jul 27, 2009	Aug 24, 2009	0.831581
Aug 25, 2009	Sep 24, 2009	0.831581
Sep 25, 2009	Oct 23, 2009	0.831581
Oct 26, 2009	Nov 24, 2009	0.831581
Nov 25, 2009	Dec 24, 2009	0.831581
Dec 28, 2009	Jan 22, 2010	0.831581
Jan 25, 2010	Feb 24, 2010	0.831581
Feb 25, 2010	Mar 24, 2010	0.831581
Mar 25, 2010	Apr 23, 2010	0.831581
Apr 26, 2010	May 24, 2010	0.831581
May 25, 2010	Jun 24, 2010	0.831581
Jun 25, 2010	Jul 23, 2010	0.831581
Jul 26, 2010	Aug 24, 2010	0.831581
Aug 25, 2010	Sep 24, 2010	0.831581
Sep 27, 2010	Oct 22, 2010	0.831581
Oct 25, 2010	Nov 24, 2010	0.831581
Nov 26, 2010	Dec 23, 2010	0.831581
Dec 27, 2010	Jan 24, 2011	0.831581
Jan 25, 2011	Feb 24, 2011	0.831581
Feb 25, 2011	Mar 24, 2011	0.831581
Mar 25, 2011	Apr 22, 2011	0.831581
Apr 25, 2011	May 24, 2011	0.831581
May 25, 2011	Jun 24, 2011	0.831581

### 2A1B Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.831581
Jul 25, 2011	Aug 24, 2011	0.831581
Aug 25, 2011	Sep 23, 2011	0.831581
Sep 26, 2011	Oct 24, 2011	0.831581
Oct 25, 2011	Nov 23, 2011	0.831581
Nov 25, 2011	Dec 23, 2011	0.831581
Dec 27, 2011	Jan 24, 2012	0.831581
Jan 25, 2012	Feb 24, 2012	0.831581
Feb 27, 2012	Mar 23, 2012	0.831581
Mar 26, 2012	Apr 24, 2012	0.831581
Apr 25, 2012	May 24, 2012	0.831581
May 25, 2012	Jun 22, 2012	0.831581
Jun 25, 2012	Jul 24, 2012	0.831581
Jul 25, 2012	Aug 24, 2012	0.831581
Aug 27, 2012	Sep 24, 2012	0.831581
Sep 25, 2012	Oct 24, 2012	0.831581
Oct 25, 2012	Nov 23, 2012	0.831581
Nov 26, 2012	Dec 24, 2012	0.831581
Dec 26, 2012	Jan 24, 2013	0.831581
Jan 25, 2013	Feb 22, 2013	0.831581
Feb 25, 2013	Mar 22, 2013	0.831581
Mar 25, 2013	Apr 24, 2013	0.831581
Apr 25, 2013	May 24, 2013	0.831581
May 28, 2013	Jun 24, 2013	0.831581
Jun 25, 2013	Jul 24, 2013	0.831581
Jul 25, 2013	Aug 23, 2013	0.831581
Aug 26, 2013	Sep 24, 2013	0.831581
Sep 25, 2013	Oct 24, 2013	0.831581
Oct 25, 2013	Nov 22, 2013	0.831581
Nov 25, 2013	Dec 24, 2013	0.831581
Dec 26, 2013	Jan 24, 2014	0.831581
Jan 27, 2014	Feb 24, 2014	0.831581
Feb 25, 2014	Mar 24, 2014	0.831581
Mar 25, 2014	Apr 24, 2014	0.831581
Apr 25, 2014	May 23, 2014	0.831581
May 27, 2014	Jun 24, 2014	0.831581
Jun 25, 2014	Jul 24, 2014	0.831581
Jul 25, 2014	Aug 22, 2014	0.831581
Aug 25, 2014	Sep 24, 2014	0.831581
Sep 25, 2014	Oct 24, 2014	0.831581
Oct 27, 2014	Nov 24, 2014	0.831581
Nov 25, 2014	Dec 24, 2014	0.831581
Dec 26, 2014	Jan 23, 2015	0.831581
Jan 26, 2015	Feb 24, 2015	0.831581
Feb 25, 2015	Mar 24, 2015	0.831581
Mar 25, 2015	Apr 24, 2015	0.831581
Apr 27, 2015	May 22, 2015	0.831581
May 26, 2015	Jun 24, 2015	0.831581
Jun 25, 2015		0.831581

### M1 Certificate Factor Chart

From	То	Factor
<u>110111</u>	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	0.860691
Jan 25, 2010	Feb 24, 2010	0.532030
Feb 25, 2010	Mar 24, 2010	0.334992
Mar 25, 2010	Apr 23, 2010	0.217577
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

### M1 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M2 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	•	1.000000
	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	0.583223
Sep 25, 2009	Oct 23, 2009	0.257914
Oct 26, 2009	Nov 24, 2009	0.027591
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

### M2 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M3 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	•	1.000000
	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	0.040745
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

### M3 Certificate Factor Chart

From	То	Factor
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M4 Certificate Factor Chart

From	То	Factor
<u>110111</u>	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	
Jul 27, 2009	Aug 24, 2009	0.131290 0.000000
Aug 25, 2009	Sep 24, 2009	
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

### M4 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M5 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
	•	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	0.058618
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
	•	

### M5 Certificate Factor Chart

From	То	Factor
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M6 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	0.051457
May 26, 2009	Jun 24, 2009	0.000000
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

### M6 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### **B1** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	•	1.000000
	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	0.977075
Mar 25, 2009	Apr 24, 2009	0.172419
Apr 27, 2009	May 22, 2009	0.000000
May 26, 2009	Jun 24, 2009	0.000000
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

### **B1** Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### **B2** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	•	1.000000
	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	0.481126
Feb 25, 2009	Mar 24, 2009	0.000000
Mar 25, 2009	Apr 24, 2009	0.000000
Apr 27, 2009	May 22, 2009	0.000000
May 26, 2009	Jun 24, 2009	0.000000
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
•	_	

### **B2** Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### **B3 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008		0.989784
Jan 26, 2009	Jan 23, 2009 Feb 24, 2009	0.012826
		0.000000
Feb 25, 2009	Mar 24, 2009 Apr 24, 2009	0.000000
Mar 25, 2009		0.000000
Apr 27, 2009	May 22, 2009	0.000000
May 26, 2009	Jun 24, 2009	0.000000
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

### **B3 Certificate Factor Chart**

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.00000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### **B4 Certificate Factor Chart**

From	То	Factor
<u>110111</u>	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	0.685460
Nov 25, 2008	Dec 24, 2008	0.236465
Dec 26, 2008	Jan 23, 2009	0.000000
Jan 26, 2009	Feb 24, 2009	
Feb 25, 2009	Mar 24, 2009	0.000000
Mar 25, 2009	Apr 24, 2009	0.000000
Apr 27, 2009	May 22, 2009	
May 26, 2009	Jun 24, 2009	0.000000
Jun 25, 2009	Jul 24, 2009	
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

### **B4 Certificate Factor Chart**

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### A1 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	0.977487
May 25, 2007	Jun 22, 2007	0.948137
Jun 25, 2007	Jul 24, 2007	0.915062
Jul 25, 2007	Aug 24, 2007	0.884562
Aug 27, 2007	Sep 24, 2007	0.864397
Sep 25, 2007	Oct 24, 2007	0.844562
Oct 25, 2007	Nov 23, 2007	0.837357
Nov 26, 2007	Dec 24, 2007	0.827196
Dec 26, 2007	Jan 24, 2008	0.818378
Jan 25, 2008	Feb 22, 2008	0.804499
Feb 25, 2008	Mar 24, 2008	0.788431
Mar 25, 2008	Apr 24, 2008	0.780711
Apr 25, 2008	May 23, 2008	0.765321
May 27, 2008	Jun 24, 2008	0.748761
Jun 25, 2008	Jul 24, 2008	0.734016
Jul 25, 2008	Aug 22, 2008	0.718106
Aug 25, 2008	Sep 24, 2008	0.702697
Sep 25, 2008	Oct 24, 2008	0.688699
Oct 27, 2008	Nov 24, 2008	0.663977
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	0.647619
Jan 26, 2009	Feb 24, 2009	0.627392
Feb 25, 2009	Mar 24, 2009	0.614655
Mar 25, 2009	Apr 24, 2009	0.598777
Apr 27, 2009	May 22, 2009	0.577444
May 26, 2009	Jun 24, 2009	0.560027
Jun 25, 2009	Jul 24, 2009	0.547884
Jul 27, 2009	Aug 24, 2009	0.526217
Aug 25, 2009	Sep 24, 2009	0.511398
Sep 25, 2009	Oct 23, 2009	0.492611
Oct 26, 2009	Nov 24, 2009	0.478363
Nov 25, 2009	Dec 24, 2009	0.466947
Dec 28, 2009	Jan 22, 2010	0.450793
Jan 25, 2010	Feb 24, 2010	0.437717
Feb 25, 2010	Mar 24, 2010	0.424640
Mar 25, 2010	Apr 23, 2010	0.418558
Apr 26, 2010	May 24, 2010	0.414808
May 25, 2010	Jun 24, 2010	0.407563
Jun 25, 2010	Jul 23, 2010	0.403464
Jul 26, 2010	Aug 24, 2010	0.399652
Aug 25, 2010	Sep 24, 2010	0.395464
Sep 27, 2010	Oct 22, 2010	0.387093
Oct 25, 2010	Nov 24, 2010	0.382243
Nov 26, 2010	Dec 23, 2010	0.378063
Dec 27, 2010	Jan 24, 2011	0.373949
Jan 25, 2011	Feb 24, 2011	0.371819
Feb 25, 2011	Mar 24, 2011	0.369421
Mar 25, 2011	Apr 22, 2011	0.366093
Apr 25, 2011	May 24, 2011	0.363620
May 25, 2011	Jun 24, 2011	0.360949

#### **A1 Certificate Factor Chart**

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.359225
Jul 25, 2011	Aug 24, 2011	0.357612
Aug 25, 2011	Sep 23, 2011	0.354601
Sep 26, 2011	Oct 24, 2011	0.351990
Oct 25, 2011	Nov 23, 2011	0.348438
Nov 25, 2011	Dec 23, 2011	0.346799
Dec 27, 2011	Jan 24, 2012	0.343947
Jan 25, 2012	Feb 24, 2012	0.341765
Feb 27, 2012	Mar 23, 2012	0.338938
Mar 26, 2012	Apr 24, 2012	0.336930
Apr 25, 2012	May 24, 2012	0.335168
May 25, 2012	Jun 22, 2012	0.332186
Jun 25, 2012	Jul 24, 2012	0.329174
Jul 25, 2012	Aug 24, 2012	0.327318
Aug 27, 2012	Sep 24, 2012	0.322270
Sep 25, 2012	Oct 24, 2012	0.320554
Oct 25, 2012	Nov 23, 2012	0.318147
Nov 26, 2012	Dec 24, 2012	0.315606
Dec 26, 2012	Jan 24, 2013	0.314240
Jan 25, 2013	Feb 22, 2013	0.310809
Feb 25, 2013	Mar 22, 2013	0.308464
Mar 25, 2013	Apr 24, 2013	0.306592
Apr 25, 2013	May 24, 2013	0.304900
May 28, 2013	Jun 24, 2013	0.302651
Jun 25, 2013	Jul 24, 2013	0.301686
Jul 25, 2013	Aug 23, 2013	0.299679
Aug 26, 2013	Sep 24, 2013	0.298437
Sep 25, 2013	Oct 24, 2013	0.297220
Oct 25, 2013	Nov 22, 2013	0.296128
Nov 25, 2013	Dec 24, 2013	0.294657
Dec 26, 2013	Jan 24, 2014	0.293120
Jan 27, 2014	Feb 24, 2014	0.292271
Feb 25, 2014	Mar 24, 2014	0.290909
Mar 25, 2014	Apr 24, 2014	0.289900
Apr 25, 2014	May 23, 2014	0.288823
May 27, 2014	Jun 24, 2014	0.285805
Jun 25, 2014	Jul 24, 2014	0.285047
Jul 25, 2014	Aug 22, 2014	0.283797
Aug 25, 2014	Sep 24, 2014	0.283193
Sep 25, 2014	Oct 24, 2014	0.282441
Oct 27, 2014	Nov 24, 2014	0.281305
Nov 25, 2014	Dec 24, 2014	0.281108
Dec 26, 2014	Jan 23, 2015	0.280283
Jan 26, 2015	Feb 24, 2015	0.279582
Feb 25, 2015	Mar 24, 2015	0.278856
Mar 25, 2015	Apr 24, 2015	0.277569
Apr 27, 2015	May 22, 2015	0.276547
May 26, 2015	Jun 24, 2015	0.274750
Jun 25, 2015		0.273318

#### **A2 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
<u> </u>		1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	0.985679
Mar 25, 2010	Apr 23, 2010	0.976847
Apr 26, 2010	May 24, 2010	0.959785
May 25, 2010	Jun 24, 2010	0.950133
Jun 25, 2010	Jul 23, 2010	0.941156
Jul 26, 2010	Aug 24, 2010	0.931293
Aug 25, 2010	Sep 24, 2010	0.922092
Sep 27, 2010	Oct 22, 2010	0.911580
Oct 25, 2010	Nov 24, 2010	0.900159
Nov 26, 2010	Dec 23, 2010	0.890315
Dec 27, 2010	Jan 24, 2011	0.880626
Jan 25, 2011	Feb 24, 2011	0.875610
Feb 25, 2011	Mar 24, 2011	0.869963
Mar 25, 2011	Apr 22, 2011	0.862126
==, ====		
Apr 25, 2011	May 24, 2011	0.856303

#### **A2 Certificate Factor Chart**

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.845952
Jul 25, 2011	Aug 24, 2011	0.842153
Aug 25, 2011	Sep 23, 2011	0.835063
Sep 26, 2011	Oct 24, 2011	0.828914
Oct 25, 2011	Nov 23, 2011	0.820550
Nov 25, 2011	Dec 23, 2011	0.816691
Dec 27, 2011	Jan 24, 2012	0.809973
Jan 25, 2012	Feb 24, 2012	0.804834
Feb 27, 2012	Mar 23, 2012	0.798178
Mar 26, 2012	Apr 24, 2012	0.793449
Apr 25, 2012	May 24, 2012	0.789300
May 25, 2012	Jun 22, 2012	0.782277
Jun 25, 2012	Jul 24, 2012	0.775184
Jul 25, 2012	Aug 24, 2012	0.770814
Aug 27, 2012	Sep 24, 2012	0.758924
Sep 25, 2012	Oct 24, 2012	0.754884
Oct 25, 2012	Nov 23, 2012	0.749215
Nov 26, 2012	Dec 24, 2012	0.743233
Dec 26, 2012	Jan 24, 2013	0.740015
Jan 25, 2013	Feb 22, 2013	0.731936
Feb 25, 2013	Mar 22, 2013	0.726413
Mar 25, 2013	Apr 24, 2013	0.722006
Apr 25, 2013	May 24, 2013	0.718020
May 28, 2013	Jun 24, 2013	0.712725
Jun 25, 2013	Jul 24, 2013	0.710452
Jul 25, 2013	Aug 23, 2013	0.705724
Aug 26, 2013	Sep 24, 2013	0.702799
Sep 25, 2013	Oct 24, 2013	0.699934
Oct 25, 2013	Nov 22, 2013	0.697362
Nov 25, 2013	Dec 24, 2013	0.693898
Dec 26, 2013	Jan 24, 2014	0.690279
Jan 27, 2014	Feb 24, 2014	0.688279
Feb 25, 2014	Mar 24, 2014	0.685071
Mar 25, 2014	Apr 24, 2014	0.682697
Apr 25, 2014	May 23, 2014	0.680159
May 27, 2014	Jun 24, 2014	0.673054
Jun 25, 2014	Jul 24, 2014	0.671267
Jul 25, 2014	Aug 22, 2014	0.668323
Aug 25, 2014	Sep 24, 2014	0.666903
Sep 25, 2014	Oct 24, 2014	0.665132
Oct 27, 2014	Nov 24, 2014	0.662457
Nov 25, 2014	Dec 24, 2014	0.661992
Dec 26, 2014	Jan 23, 2015	0.660050
Jan 26, 2015	Feb 24, 2015	0.658397
Feb 25, 2015	Mar 24, 2015	0.656687
Mar 25, 2015	Apr 24, 2015	0.653658
Apr 27, 2015	May 22, 2015	0.651250
May 26, 2015	Jun 24, 2015	0.647019
Jun 25, 2015		0.643648

#### A3A Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	0.983879
Mar 25, 2010	Apr 23, 2010	0.973937
Apr 26, 2010	May 24, 2010	0.954731
May 25, 2010	Jun 24, 2010	0.943865
Jun 25, 2010	Jul 23, 2010	0.933760
Jul 26, 2010	Aug 24, 2010	0.922658
Aug 25, 2010	Sep 24, 2010	0.912300
Sep 27, 2010	Oct 22, 2010	0.900467
Oct 25, 2010	Nov 24, 2010	0.887611
Nov 26, 2010	Dec 23, 2010	0.876529
Dec 27, 2010	Jan 24, 2011	0.865622
Jan 25, 2011	Feb 24, 2011	0.859976
Feb 25, 2011	Mar 24, 2011	0.853620
Mar 25, 2011	Apr 22, 2011	0.844797
Apr 25, 2011 May 25, 2011	May 24, 2011 Jun 24, 2011	0.838243
ividy 23, 2011	Juli 24, 2011	0.831162

#### A3A Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.826590
Jul 25, 2011	Aug 24, 2011	0.822314
Aug 25, 2011	Sep 23, 2011	0.814333
Sep 26, 2011	Oct 24, 2011	0.807411
Oct 25, 2011	Nov 23, 2011	0.797996
Nov 25, 2011	Dec 23, 2011	0.793652
Dec 27, 2011	Jan 24, 2012	0.786090
Jan 25, 2012	Feb 24, 2012	0.780305
Feb 27, 2012	Mar 23, 2012	0.772812
Mar 26, 2012	Apr 24, 2012	0.767489
Apr 25, 2012	May 24, 2012	0.762818
May 25, 2012	Jun 22, 2012	0.754912
Jun 25, 2012	Jul 24, 2012	0.746928
Jul 25, 2012	Aug 24, 2012	0.742009
Aug 27, 2012	Sep 24, 2012	0.728625
Sep 25, 2012	Oct 24, 2012	0.724076
Oct 25, 2012	Nov 23, 2012	0.717695
Nov 26, 2012	Dec 24, 2012	0.710961
Dec 26, 2012	Jan 24, 2013	0.707339
Jan 25, 2013	Feb 22, 2013	0.698245
Feb 25, 2013	Mar 22, 2013	0.692028
Mar 25, 2013	Apr 24, 2013	0.687066
Apr 25, 2013	May 24, 2013	0.682579
May 28, 2013	Jun 24, 2013	0.676618
Jun 25, 2013	Jul 24, 2013	0.674060
Jul 25, 2013	Aug 23, 2013	0.668738
Aug 26, 2013	Sep 24, 2013	0.665446
Sep 25, 2013	Oct 24, 2013	0.662221
Oct 25, 2013	Nov 22, 2013	0.659326
Nov 25, 2013	Dec 24, 2013	0.655425
Dec 26, 2013	Jan 24, 2014	0.651351
Jan 27, 2014	Feb 24, 2014	0.649100
Feb 25, 2014	Mar 24, 2014	0.645490
Mar 25, 2014	Apr 24, 2014	0.642817
Apr 25, 2014	May 23, 2014	0.639960
May 27, 2014	Jun 24, 2014	0.631962
Jun 25, 2014	Jul 24, 2014	0.629951
Jul 25, 2014	Aug 22, 2014	0.626637
Aug 25, 2014	Sep 24, 2014	0.625037
Sep 25, 2014	Oct 24, 2014	0.623044
Oct 27, 2014	Nov 24, 2014	0.620033
Nov 25, 2014	Dec 24, 2014	0.619509
Dec 26, 2014	Jan 23, 2015	0.617323
Jan 26, 2015	Feb 24, 2015	0.615463
Feb 25, 2015	Mar 24, 2015	0.613538
Mar 25, 2015	Apr 24, 2015	0.610129
Apr 27, 2015	May 22, 2015	0.607417
May 26, 2015	Jun 24, 2015	0.602655
Jun 25, 2015		0.598860

#### A3B Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
	•	1.000000
Oct 26, 2009	Nov 24, 2009 Dec 24, 2009	1.000000
Nov 25, 2009		1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010 Oct 22, 2010	1.000000
Sep 27, 2010	·	1.000000
Oct 25, 2010 Nov 26, 2010	Nov 24, 2010 Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
	Va 2-7, 2-011	1.000000

## A3B Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

#### M1 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
-	<u> </u>	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009  Jun 25, 2009	Jun 24, 2009	1.000000
	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	0.892066
Nov 25, 2009	Dec 24, 2009	0.626339
Dec 28, 2009	Jan 22, 2010	0.433985
Jan 25, 2010	Feb 24, 2010	0.202865
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

# M1 Certificate Factor Chart

From	To	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### **M2 Certificate Factor Chart**

<u>From</u>	<u>To</u>	Factor
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
	•	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	0.904690
Aug 25, 2009	Sep 24, 2009	0.397699
Sep 25, 2009	Oct 23, 2009	0.073117
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

# M2 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### M3 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
-	<u> </u>	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009  Jun 25, 2009	Jun 24, 2009	1.000000
	Jul 24, 2009	0.628981
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

# M3 Certificate Factor Chart

Jun 27, 2011  Jul 22, 2011  Jul 25, 2011  Aug 24, 2011  Jul 25, 2011  Aug 25, 2011  Sep 23, 2011  O.000000  Sep 26, 2011  Oct 24, 2011  O.000000  Oct 25, 2011  Nov 25, 2011  Dec 27, 2011  Jan 24, 2012  O.000000  Feb 27, 2011  Jan 24, 2012  Jan 25, 2012  Feb 24, 2012  Aug 24, 2012  O.000000  Mar 26, 2012  Mar 23, 2012  May 24, 2012  Jul 25, 2012  May 24, 2012  Jul 25, 2012  Jul 25, 2012  Jul 24, 2012  Jul 25, 2012  Jul 25, 2012  Jul 24, 2012  O.000000  Aug 27, 2012  Sep 24, 2012  Oct 24, 2012  Oct 24, 2012  Oct 24, 2012  Oct 25, 2012  Nov 26, 2012  Jul 24, 2012  Dec 26, 2012  Jul 24, 2013  Jul 25, 2013  Jul 24, 2013  Jul 25, 2013  Jul 25, 2013  Jul 26, 2013  Jul 27, 2013  Jul 27, 2014  Sep 25, 2015  Jul 24, 2013  Jul 25, 2016  Mar 25, 2013  Jul 24, 2013  Jul 25, 2013  Aug 27, 2013  Jul 24, 2013  Jul 25, 2013  Jul 25, 2013  Jul 24, 2013  Jul 25, 2013  Jul 25, 2013  Jul 24, 2013  Jul 25, 2013  Jul 25, 2013  Jul 24, 2013  Jul 25, 2013  Jul 25, 2013  Jul 24, 2013  Jul 25, 2013  Jul 25, 2013  Jul 24, 2013  Jul 25, 2013  Jul 24, 2013  Jul 25, 2013  Jul 25, 2013  Jul 24, 2013  Jul 25, 2013  Jul 24, 2013  Jul 25, 2013  Jul 25, 2013  Jul 24, 2013  Jul 25, 2014  Jul 26, 2015  Jul 27, 2014  Jul 27, 2014  Jul 28, 2015  Jul 29, 2015  Jul 29, 2015  Jul 29, 2015  Jul 2000000000000000000000000000000000000	From	То	<u>Factor</u>
Jul 25, 2011 Aug 24, 2011 0.000000  Sep 26, 2011 Sep 23, 2011 0.000000  Sep 26, 2011 Oct 24, 2011 0.000000  Oct 25, 2011 Nov 23, 2011 0.000000  Doc 27, 2011 Jan 24, 2012 0.000000  Jan 25, 2012 Feb 24, 2012 0.000000  Feb 27, 2012 Mar 23, 2012 0.000000  Mar 26, 2012 Apr 24, 2012 0.000000  May 25, 2012 Jul 24, 2012 0.000000  Jun 25, 2012 Jul 24, 2012 0.000000  Sep 25, 2012 Oct 24, 2012 0.000000  Oct 25, 2012 Nov 23, 2012 0.000000  Poc 26, 2012 Jan 24, 2012 0.000000  Doc 26, 2012 Jan 24, 2013 0.000000  Doc 26, 2012 Jan 24, 2013 0.000000  Feb 25, 2013 Mar 22, 2013 0.000000  Feb 25, 2013 Mar 22, 2013 0.000000  Mar 25, 2013 Mar 24, 2013 0.000000  Mar 25, 2013 Mar 24, 2013 0.000000  Apr 25, 2013 Jul 24, 2013 0.000000  Apr 25, 2013 Mar 24, 2013 0.000000  Apr 25, 2013 Mar 24, 2013 0.000000  Apr 25, 2013 Jul 24, 2013 0.000000  Apr 25, 2013 Mar 24, 2014 0.000000  Apr 25, 2014 Jul 24, 2014 0.000000  Apr 25, 2014 Mar 24, 2014 0.000000  Apr 25, 2014 Sep 24, 2015 0.000000  Apr 27, 2015 Mar 24, 2015 0.000000  Apr 27, 2015 Mar 24, 2015 0.0000000  Apr 27, 2015 Mar 24, 2015 0.0000000  Apr 27, 2015 Mar 24, 2015 0.			
Aug 25, 2011 Sep 23, 2011 0.000000  Sep 26, 2011 Oct 24, 2011 0.000000  Oct 25, 2011 Nov 23, 2011 0.000000  Nov 25, 2011 Dec 23, 2011 0.000000  Jan 25, 2012 Feb 24, 2012 0.000000  Feb 27, 2012 Mar 23, 2012 0.000000  Apr 25, 2012 Mar 24, 2012 0.000000  Mar 26, 2012 Apr 24, 2012 0.000000  May 25, 2012 Jun 22, 2012 0.000000  May 25, 2012 Jun 22, 2012 0.000000  Jun 25, 2012 Jun 22, 2012 0.000000  Jun 25, 2012 Jun 22, 2012 0.000000  May 25, 2012 Jun 22, 2012 0.000000  Jun 25, 2012 Jun 22, 2012 0.000000  Aug 27, 2012 Sep 24, 2012 0.000000  Sep 25, 2012 Oct 24, 2012 0.000000  Oct 25, 2012 Nov 23, 2012 0.000000  Nov 26, 2012 Dec 24, 2012 0.000000  Dec 26, 2012 Jan 24, 2013 0.000000  Jan 25, 2013 Mar 22, 2013 0.000000  Apr 25, 2013 Mar 22, 2013 0.000000  Mar 25, 2013 Mar 22, 2013 0.000000  Apr 25, 2013 Mar 24, 2013 0.000000  Apr 25, 2013 Jul 24, 2013 0.000000  Apr 25, 2013 Jul 24, 2013 0.000000  Apr 25, 2013 Mar 24, 2014 0.000000  Apr 25, 2013 Aug 23, 2013 0.000000  Apr 25, 2013 Aug 23, 2014 0.000000  Apr 25, 2014 Mar 24, 2014 0.000000  Apr 25, 2014 Jul 24, 2014 0.000000  Apr 25, 2015 Mar 24, 2015 0.000000  Apr 27, 2015 Mar 24, 2015 0.0000000  Apr 27, 2015 Mar 24, 2015 0.0000000  Apr 27, 2015 Mar 24, 2015 0.	Jul 25, 2011	Aug 24, 2011	
Sep 26, 2011         Oct 24, 2011         0.000000           Oct 25, 2011         Nov 23, 2011         0.000000           Nov 25, 2011         Dec 23, 2011         0.000000           Dec 27, 2011         Jan 24, 2012         0.000000           Jan 25, 2012         Feb 24, 2012         0.000000           Feb 27, 2012         Mar 23, 2012         0.000000           Mar 26, 2012         Apr 24, 2012         0.000000           May 25, 2012         Jun 22, 2012         0.000000           May 25, 2012         Jun 22, 2012         0.000000           Jun 25, 2012         Jul 24, 2012         0.000000           Jul 25, 2012         Jul 24, 2012         0.000000           Jul 25, 2012         Aug 24, 2012         0.000000           Aug 27, 2012         Sep 24, 2012         0.000000           Sep 25, 2012         Oct 24, 2012         0.000000           Oct 25, 2012         Nov 23, 2012         0.000000           Nov 26, 2012         Dec 24, 2012         0.000000           Nov 26, 2012         Dec 24, 2012         0.000000           Jan 25, 2013         Feb 22, 2013         0.000000           Jan 25, 2013         Mar 22, 2013         0.000000           Jar 25, 2013 <t< td=""><td>Aug 25, 2011</td><td>Sep 23, 2011</td><td></td></t<>	Aug 25, 2011	Sep 23, 2011	
Nov 25, 2011 Dec 23, 2011 0.000000  Dec 27, 2011 Jan 24, 2012 0.000000  Jan 25, 2012 Feb 24, 2012 0.000000  Mar 26, 2012 Apr 24, 2012 0.000000  Mar 26, 2012 May 24, 2012 0.000000  May 25, 2012 May 24, 2012 0.000000  May 25, 2012 Jul 24, 2012 0.000000  Jul 25, 2012 Jul 24, 2012 0.000000  Jul 25, 2012 Jul 24, 2012 0.000000  Jul 25, 2012 Jul 24, 2012 0.000000  Aug 27, 2012 Sep 24, 2012 0.000000  Oct 25, 2012 Nov 23, 2012 0.000000  Nov 26, 2012 Dec 24, 2012 0.000000  Dec 26, 2012 Jan 24, 2013 0.000000  Dec 26, 2012 Jan 24, 2013 0.000000  Jan 25, 2013 Feb 22, 2013 0.000000  Feb 25, 2013 Mar 22, 2013 0.000000  Mar 25, 2013 May 24, 2013 0.000000  Mar 25, 2013 May 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  May 28, 2013 Jul 24, 2013 0.000000  Jul 25, 2013 May 24, 2013 0.000000  May 28, 2013 Jul 24, 2013 0.000000  May 28, 2013 Jul 24, 2013 0.000000  Jul 25, 2013 May 24, 2013 0.000000  May 28, 2013 Jul 24, 2013 0.000000  Jul 25, 2013 Jul 24, 2013 0.000000  Apr 26, 2013 Jul 24, 2013 0.000000  Apr 26, 2013 Jul 24, 2014 0.000000  Apr 25, 2014 May 23, 2014 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  May 27, 2014 Feb 24, 2014 0.000000  May 27, 2014 Jul 24, 2014 0.000000  May 27, 2014 Jul 24, 2014 0.000000  Apr 25, 2014 May 23, 2014 0.000000  Apr 25, 2014 May 27, 2014 0.000000  Apr 25, 2014 Jul 24, 2014 0.000000  Apr 26, 2015 Feb 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000	Sep 26, 2011	Oct 24, 2011	
Nov 25, 2011 Dec 23, 2011 0.000000  Dec 27, 2011 Jan 24, 2012 0.000000  Jan 25, 2012 Feb 24, 2012 0.000000  Feb 27, 2012 Mar 23, 2012 0.000000  Mar 26, 2012 Apr 24, 2012 0.000000  Apr 25, 2012 May 24, 2012 0.000000  May 25, 2012 Jun 22, 2012 0.000000  Jun 25, 2012 Jun 22, 2012 0.000000  Jun 25, 2012 Jun 24, 2012 0.000000  Jun 25, 2012 Jun 24, 2012 0.000000  Sep 25, 2012 Sep 24, 2012 0.000000  Oct 25, 2012 Nov 23, 2012 0.000000  Nov 26, 2012 Dec 24, 2012 0.000000  Dec 26, 2012 Jan 24, 2013 0.000000  Jan 25, 2013 Feb 22, 2013 0.000000  Feb 25, 2013 Mar 22, 2013 0.000000  Mar 25, 2013 Mar 24, 2013 0.000000  Mar 25, 2013 May 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  Jun 25, 2013 Jun 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  Jun 25, 2013 Jun 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  Mar 26, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Jun 24, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Apr 26, 2013 Jun 24, 2014 0.000000  Sep 25, 2014 Mar 24, 2014 0.000000  Jun 27, 2014 Feb 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 May 23, 2014 0.000000  Apr 25, 2014 May 23, 2014 0.000000  Apr 25, 2014 Jun 24, 2014 0.000000  Apr 26, 2015 Feb 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.0000000  Apr 27, 2015 Jun 24, 2015 0.0000000  Apr 27, 2015 Jun 24, 2015 0.	Oct 25, 2011	Nov 23, 2011	0.000000
Dec 27, 2011	Nov 25, 2011	Dec 23, 2011	
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May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jul 25, 2014 Aug 22, 2014 0.000000  Aug 25, 2014 Sep 24, 2014 0.000000  Sep 25, 2014 Oct 24, 2014 0.000000  Oct 27, 2014 Nov 24, 2014 0.000000  Nov 25, 2014 Dec 24, 2014 0.000000  Dec 26, 2014 Jan 23, 2015 0.000000  Jan 26, 2015 Feb 24, 2015 0.000000  Mar 25, 2015 Mar 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  May 26, 2015 Jun 24, 2015 0.000000	Mar 25, 2014	Apr 24, 2014	0.000000
Jun 25, 2014 Jul 24, 2014 0.000000  Jul 25, 2014 Aug 22, 2014 0.000000  Aug 25, 2014 Sep 24, 2014 0.000000  Sep 25, 2014 Oct 24, 2014 0.000000  Oct 27, 2014 Nov 24, 2014 0.000000  Nov 25, 2014 Dec 24, 2014 0.000000  Dec 26, 2014 Jan 23, 2015 0.000000  Jan 26, 2015 Feb 24, 2015 0.000000  Feb 25, 2015 Mar 24, 2015 0.000000  Mar 25, 2015 Apr 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  May 26, 2015 Jun 24, 2015 0.000000	Apr 25, 2014	May 23, 2014	0.000000
Jul 25, 2014 Aug 22, 2014 0.000000  Aug 25, 2014 Sep 24, 2014 0.000000  Sep 25, 2014 Oct 24, 2014 0.000000  Oct 27, 2014 Nov 24, 2014 0.000000  Nov 25, 2014 Dec 24, 2014 0.000000  Dec 26, 2014 Jan 23, 2015 0.000000  Jan 26, 2015 Feb 24, 2015 0.000000  Feb 25, 2015 Mar 24, 2015 0.000000  Mar 25, 2015 Apr 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  May 26, 2015 Jun 24, 2015 0.000000	May 27, 2014	Jun 24, 2014	0.000000
Aug 25, 2014 Sep 24, 2014 0.000000  Sep 25, 2014 Oct 24, 2014 0.000000  Oct 27, 2014 Nov 24, 2014 0.000000  Nov 25, 2014 Dec 24, 2014 0.000000  Dec 26, 2014 Jan 23, 2015 0.000000  Jan 26, 2015 Feb 24, 2015 0.000000  Feb 25, 2015 Mar 24, 2015 0.000000  Mar 25, 2015 Apr 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  May 26, 2015 Jun 24, 2015 0.000000	Jun 25, 2014	Jul 24, 2014	0.000000
Sep 25, 2014 Oct 24, 2014 0.000000 Oct 27, 2014 Nov 24, 2014 0.000000 Nov 25, 2014 Dec 24, 2014 0.000000 Dec 26, 2014 Jan 23, 2015 0.000000 Jan 26, 2015 Feb 24, 2015 0.000000 Feb 25, 2015 Mar 24, 2015 0.000000 Mar 25, 2015 Apr 24, 2015 0.000000 Apr 27, 2015 May 22, 2015 0.000000 May 26, 2015 Jun 24, 2015 0.000000	Jul 25, 2014	Aug 22, 2014	0.000000
Oct 27, 2014 Nov 24, 2014 0.000000  Nov 25, 2014 Dec 24, 2014 0.000000  Dec 26, 2014 Jan 23, 2015 0.000000  Jan 26, 2015 Feb 24, 2015 0.000000  Feb 25, 2015 Mar 24, 2015 0.000000  Mar 25, 2015 Apr 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  May 26, 2015 Jun 24, 2015 0.000000	Aug 25, 2014	Sep 24, 2014	0.000000
Nov 25, 2014 Dec 24, 2014 0.000000  Dec 26, 2014 Jan 23, 2015 0.000000  Jan 26, 2015 Feb 24, 2015 0.000000  Feb 25, 2015 Mar 24, 2015 0.000000  Mar 25, 2015 Apr 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  May 26, 2015 Jun 24, 2015 0.000000	Sep 25, 2014	Oct 24, 2014	0.000000
Dec 26, 2014 Jan 23, 2015 0.000000  Jan 26, 2015 Feb 24, 2015 0.000000  Feb 25, 2015 Mar 24, 2015 0.000000  Mar 25, 2015 Apr 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  May 26, 2015 Jun 24, 2015 0.000000	Oct 27, 2014	Nov 24, 2014	0.000000
Jan 26, 2015 Feb 24, 2015 0.000000  Feb 25, 2015 Mar 24, 2015 0.000000  Mar 25, 2015 Apr 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  May 26, 2015 Jun 24, 2015 0.000000	Nov 25, 2014	Dec 24, 2014	0.000000
Feb 25, 2015 Mar 24, 2015 0.000000  Mar 25, 2015 Apr 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  May 26, 2015 Jun 24, 2015 0.000000	Dec 26, 2014	Jan 23, 2015	0.000000
Mar 25, 2015 Apr 24, 2015 0.000000 Apr 27, 2015 May 22, 2015 0.000000 May 26, 2015 Jun 24, 2015 0.000000	Jan 26, 2015	Feb 24, 2015	0.000000
Apr 27, 2015 May 22, 2015 0.000000 May 26, 2015 Jun 24, 2015 0.000000	Feb 25, 2015	Mar 24, 2015	0.000000
May 26, 2015 Jun 24, 2015 0.000000	Mar 25, 2015	Apr 24, 2015	0.000000
Jun 25, 2015	Apr 27, 2015	May 22, 2015	0.000000
Jun 25, 2015 0.000000	May 26, 2015	Jun 24, 2015	0.000000
	Jun 25, 2015		0.000000

#### M4 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	0.912287
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

#### M4 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
Apr 27, 2015 May 26, 2015 Jun 25, 2015	May 22, 2015 Jun 24, 2015	0.000000

#### M5 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	0.356811
May 26, 2009	Jun 24, 2009	0.000000
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

## M5 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

# M6 Certificate Factor Chart

<u>From</u>	<u>To</u>	Factor
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
	•	1.000000
Mar 25, 2009	Apr 24, 2009	0.699637
Apr 27, 2009	May 22, 2009	0.000000
May 26, 2009	Jun 24, 2009	0.000000
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

# M6 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### **B1** Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	
Feb 25, 2009	Mar 24, 2009	1.000000 0.602324
Mar 25, 2009	Apr 24, 2009	
Apr 27, 2009	May 22, 2009	0.000000
May 26, 2009	Jun 24, 2009	0.000000
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

#### **B1** Certificate Factor Chart

From	To	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### **B2** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	0.227576
Feb 25, 2009	Mar 24, 2009	0.227815
Mar 25, 2009	Apr 24, 2009	0.000000
-	<u> </u>	0.000000
Apr 27, 2009	May 22, 2009	0.000000
May 26, 2009  Jun 25, 2009	Jun 24, 2009	0.000000
	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

#### **B2** Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

# **B3** Certificate Factor Chart

From	То	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	
Nov 25, 2008	Dec 24, 2008	0.691781
Dec 26, 2008	Jan 23, 2009	0.059267
Jan 26, 2009	Feb 24, 2009	0.000000
Feb 25, 2009	Mar 24, 2009	0.000000
Mar 25, 2009	Apr 24, 2009	0.000000
Apr 27, 2009	May 22, 2009	0.000000
May 26, 2009	Jun 24, 2009	0.000000
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

#### **B3** Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### 1AV1 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.973223
Jun 25, 2007	Jul 24, 2007	0.943773
Jul 25, 2007	Aug 24, 2007	0.913772
Aug 27, 2007	Sep 24, 2007	0.882600
Sep 25, 2007	Oct 24, 2007	0.842458
Oct 25, 2007	Nov 23, 2007	0.835453
Nov 26, 2007	Dec 24, 2007	0.828420
Dec 26, 2007	Jan 24, 2008	0.820252
Jan 25, 2008	Feb 22, 2008	0.805780
Feb 25, 2008	Mar 24, 2008	0.783523
Mar 25, 2008	Apr 24, 2008	0.764442
Apr 25, 2008	May 23, 2008	0.744062
May 27, 2008	Jun 24, 2008	0.714989
Jun 25, 2008	Jul 24, 2008	0.699522
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	0.682118
Sep 25, 2008	Oct 24, 2008	0.667211
Oct 27, 2008	Nov 24, 2008	0.656462
Nov 25, 2008	Dec 24, 2008	0.646211
Dec 26, 2008	Jan 23, 2009	0.628971
Jan 26, 2009	Feb 24, 2009	0.619875
Feb 25, 2009	Mar 24, 2009	0.609985
Mar 25, 2009	Apr 24, 2009	0.596668
Apr 27, 2009	May 22, 2009	0.582918
May 26, 2009	Jun 24, 2009	0.569811
Jun 25, 2009	Jul 24, 2009	0.540658
Jul 27, 2009	Aug 24, 2009	0.528908
Aug 25, 2009	Sep 24, 2009	0.516516
	Oct 23, 2009	0.502752
Sep 25, 2009		0.491582
Oct 26, 2009	Nov 24, 2009	0.481096
Nov 25, 2009	Dec 24, 2009	0.461632
Dec 28, 2009	Jan 22, 2010	0.441540
Jan 25, 2010	Feb 24, 2010	0.428387
Feb 25, 2010	Mar 24, 2010	0.415757
Mar 25, 2010	Apr 23, 2010	0.405700
Apr 26, 2010	May 24, 2010	0.392917
May 25, 2010	Jun 24, 2010	0.379621
Jun 25, 2010	Jul 23, 2010	0.365853
Jul 26, 2010	Aug 24, 2010	0.358578
Aug 25, 2010	Sep 24, 2010	0.336863
Sep 27, 2010	Oct 22, 2010	0.334098
Oct 25, 2010	Nov 24, 2010	0.319004
Nov 26, 2010	Dec 23, 2010	0.308318
Dec 27, 2010	Jan 24, 2011	0.302693
Jan 25, 2011 Feb 25, 2011	Feb 24, 2011 Mar 24, 2011	0.298504
Mar 25, 2011	Apr 22, 2011	0.296168
Apr 25, 2011	May 24, 2011	0.294568
May 25, 2011	Jun 24, 2011	0.292736
Jun 27, 2011	Jul 22, 2011	0.291482
Jun 27, 2011	Jul 22, 2011	0.289806

# 1AV1 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.288703
Aug 25, 2011	Sep 23, 2011	0.287027
Sep 26, 2011	Oct 24, 2011	0.284458
Oct 25, 2011	Nov 23, 2011	0.281577
Nov 25, 2011	Dec 23, 2011	0.281019
Dec 27, 2011	Jan 24, 2012	0.279787
Jan 25, 2012	Feb 24, 2012	0.278334
Feb 27, 2012	Mar 23, 2012	0.278028
Mar 26, 2012	Apr 24, 2012	0.276341
Apr 25, 2012	May 24, 2012	0.275753
May 25, 2012	Jun 22, 2012	0.275083
Jun 25, 2012	Jul 24, 2012	0.273992
Jul 25, 2012	Aug 24, 2012	0.269497
Aug 27, 2012	Sep 24, 2012	0.268165
Sep 25, 2012	Oct 24, 2012	0.266416
Oct 25, 2012	Nov 23, 2012	0.265714
Nov 26, 2012	Dec 24, 2012	0.264502
Dec 26, 2012	Jan 24, 2013	0.263287
Jan 25, 2013	Feb 22, 2013	0.261249
Feb 25, 2013	Mar 22, 2013	0.260384
Mar 25, 2013	Apr 24, 2013	0.258062
Apr 25, 2013	May 24, 2013	0.257052
May 28, 2013	Jun 24, 2013	0.255440
Jun 25, 2013	Jul 24, 2013	0.254497
Jul 25, 2013	Aug 23, 2013	0.252239
Aug 26, 2013	Sep 24, 2013	0.250552
Sep 25, 2013	Oct 24, 2013	0.249791
Oct 25, 2013	Nov 22, 2013	0.249270
Nov 25, 2013	Dec 24, 2013	0.246969
Dec 26, 2013	Jan 24, 2014	0.245882
Jan 27, 2014	Feb 24, 2014	0.244392
Feb 25, 2014	Mar 24, 2014	0.243083
Mar 25, 2014	Apr 24, 2014	0.242792
Apr 25, 2014	May 23, 2014	0.241433
May 27, 2014	Jun 24, 2014	0.240305
Jun 25, 2014	Jul 24, 2014	0.239278
Jul 25, 2014	Aug 22, 2014	0.237740
Aug 25, 2014	Sep 24, 2014	0.235163
Sep 25, 2014	Oct 24, 2014	0.234335
Oct 27, 2014	Nov 24, 2014	0.233717
Nov 25, 2014	Dec 24, 2014	0.233271
Dec 26, 2014	Jan 23, 2015	0.232140
Jan 26, 2015	Feb 24, 2015	0.230749
Feb 25, 2015	Mar 24, 2015	0.228215
Mar 25, 2015	Apr 24, 2015	0.227444
Apr 27, 2015	May 22, 2015	0.225989
May 26, 2015	Jun 24, 2015	0.223479
Jun 25, 2015		0.222565

### 1AF2A Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	0.991303
Mar 25, 2011	Apr 22, 2011	0.985346
Apr 25, 2011	May 24, 2011	0.978526
May 25, 2011	Jun 24, 2011	0.973861
Jun 27, 2011	Jul 22, 2011	0.967620

#### 1AF2A Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.963514
Aug 25, 2011	Sep 23, 2011	0.957276
Sep 26, 2011	Oct 24, 2011	0.947712
Oct 25, 2011	Nov 23, 2011	0.936991
Nov 25, 2011	Dec 23, 2011	0.934913
Dec 27, 2011	Jan 24, 2012	0.930326
Jan 25, 2012	Feb 24, 2012	0.924919
Feb 27, 2012	Mar 23, 2012	0.923781
Mar 26, 2012	Apr 24, 2012	0.917500
Apr 25, 2012	May 24, 2012	0.915311
May 25, 2012	Jun 22, 2012	0.912818
Jun 25, 2012	Jul 24, 2012	0.908754
Jul 25, 2012	Aug 24, 2012	0.892022
Aug 27, 2012	Sep 24, 2012	0.887065
Sep 25, 2012	Oct 24, 2012	0.880555
Oct 25, 2012	Nov 23, 2012	0.877942
Nov 26, 2012	Dec 24, 2012	0.873431
Dec 26, 2012	Jan 24, 2013	0.868909
Jan 25, 2013	Feb 22, 2013	0.861320
Feb 25, 2013	Mar 22, 2013	0.858101
Mar 25, 2013	Apr 24, 2013	0.849458
Apr 25, 2013	May 24, 2013	0.845698
May 28, 2013	Jun 24, 2013	0.839699
Jun 25, 2013	Jul 24, 2013	0.836186
Jul 25, 2013	Aug 23, 2013	0.827781
Aug 26, 2013	Sep 24, 2013	0.821504
Sep 25, 2013	Oct 24, 2013	0.818669
Oct 25, 2013	Nov 22, 2013	0.816731
Nov 25, 2013	Dec 24, 2013	0.808165
Dec 26, 2013	Jan 24, 2014	0.804120
Jan 27, 2014	Feb 24, 2014	0.798572
Feb 25, 2014	Mar 24, 2014	0.793698
Mar 25, 2014	Apr 24, 2014	0.792617
Apr 25, 2014	May 23, 2014	0.787557
May 27, 2014	Jun 24, 2014	0.783359
Jun 25, 2014	Jul 24, 2014	0.779538
Jul 25, 2014	Aug 22, 2014	0.773812
Aug 25, 2014	Sep 24, 2014	0.764218
Sep 25, 2014	Oct 24, 2014	0.761136
Oct 27, 2014	Nov 24, 2014	0.758835
Nov 25, 2014	Dec 24, 2014	0.757177
Dec 26, 2014	Jan 23, 2015	0.752967
Jan 26, 2015	Feb 24, 2015	0.747788
Feb 25, 2015	Mar 24, 2015	0.738356
Mar 25, 2015	Apr 24, 2015	0.735487
Apr 27, 2015	May 22, 2015	0.730068
May 26, 2015	Jun 24, 2015	0.720725
Jun 25, 2015		0.717323

### 1AF2B Certificate Factor Chart

May 24, 2007   1.000000   May 25, 2007   Jun 22, 2007   1.000000   Jun 25, 2007   Jun 22, 2007   1.000000   Jun 25, 2007   Jul 24, 2007   1.000000   Jul 25, 2007   Aug 24, 2007   1.000000   Aug 27, 2007   Sep 24, 2007   1.000000   Aug 27, 2007   Nov 23, 2007   1.000000   Oct 25, 2007   Nov 23, 2007   1.000000   Dec 26, 2007   Jan 24, 2008   1.000000   Jan 25, 2008   Feb 22, 2008   1.000000   Feb 25, 2008   May 24, 2008   1.000000   May 25, 2008   Aug 27, 2008   Jun 24, 2008   1.000000   May 27, 2008   Jun 24, 2008   1.000000   Jun 25, 2008   Aug 22, 2008   1.000000   Jun 25, 2008   Jun 24, 2008   1.000000   Jun 25, 2008   Aug 22, 2008   1.000000   Aug 25, 2008   Sep 24, 2008   1.000000   Sep 25, 2008   Oct 24, 2008   1.000000   Oct 27, 2008   Nov 24, 2008   1.000000   Oct 27, 2008   Jun 24, 2008   1.000000   Oct 27, 2008   Jun 24, 2009   1.000000   Dec 26, 2008   Jan 23, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Jun 24, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Jun 24, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2010   Aug 24, 2010   1.000000   Aug 25, 2010   Aug 24, 2010   1.000000   Aug 25, 2010   Aug 24, 2010   1.000000   Aug 25, 2010   Aug 2	From	То	<u>Factor</u>
May 25, 2007		_	
Jun 25, 2007  Jul 24, 2007  Jul 25, 2007  Aug 24, 2007  Jul 25, 2007  Aug 27, 2007  Sep 24, 2007  Jul 200000  Sep 25, 2007  Oct 24, 2007  Jul 2000000  Nov 26, 2007  Dec 26, 2007  Jul 24, 2008  Jul 25, 2008  Feb 22, 2008  Jul 24, 2008  Jul 25, 2008  Mar 24, 2008  Jul 25, 2008  Mar 24, 2008  Jul 24, 2008  Jul 25, 2008  Mar 24, 2008  Jul 24, 2008  Jul 25, 2008  Mar 27, 2008  Jul 24, 2008  Jul 24, 2008  Jul 25, 2008  Jul 24, 2008  Jul 25, 2008  Jul 24, 2008  Jul 25, 2008  Jul 26, 2008  Jul 27, 2008  Jul 28, 2008  Jul 29, 2008  Jul 29, 2008  Jul 2008  Jul 2009  Jul 2008  Jul 2008  Jul 2009  Jul 200	May 25, 2007	Jun 22, 2007	
Aug 27, 2007  Sep 24, 2007  1.000000  Sep 25, 2007  Oct 24, 2007  1.000000  Oct 25, 2007  Nov 23, 2007  1.000000  Dec 26, 2007  Dec 24, 2007  1.000000  Dec 26, 2007  Jan 24, 2008  1.000000  Jan 25, 2008  Feb 22, 2008  Mar 24, 2008  1.000000  Mar 25, 2008  May 27, 2008  May 23, 2008  May 27, 2008  Jul 24, 2008  Jul 25, 2008  May 27, 2008  Jul 24, 2008  Jul 25, 2008  Aug 22, 2008  Aug 22, 2008  L000000  Sep 25, 2008  Aug 22, 2008  Aug 22, 2008  L000000  Sep 25, 2008  Aug 22, 2008  L000000  Sep 25, 2008  Oct 24, 2008  L000000  Sep 25, 2008  Oct 24, 2008  L000000  Dec 26, 2008  Jul 25, 2008  Dec 24, 2008  Jul 26, 2009  Jul 26, 2009  Feb 24, 2009  Jul 26, 2009  Jul 27, 2009  May 27, 2009  May 28, 2009  Jul 24, 2009  Jul 29, 2009  Jul 24, 2009  Jul 29, 2009  Jul 29, 2009  Jul 24, 2009  Jul 29, 2009  Jul 24, 2009  Jul 29, 2009  Jul 27, 2009  May 26, 2009  Jul 24, 2009  Jul 24, 2009  Jul 27, 2009  May 26, 2009  Jul 24, 2009  Jul 27, 2009  Jul 28, 2009  Jul 28, 2009  Jul 29, 2000  Jul 20, 2	Jun 25, 2007	Jul 24, 2007	1.000000
Aug 27, 2007 Sep 24, 2007 1.000000  Sep 25, 2007 Oct 24, 2007 1.000000  Oct 25, 2007 Nov 23, 2007 1.000000  Nov 26, 2007 Dec 24, 2007 1.000000  Dec 26, 2007 Jan 24, 2008 1.000000  Jan 25, 2008 Feb 22, 2008 1.000000  Feb 25, 2008 Mar 24, 2008 1.000000  Mar 25, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jul 25, 2008 Aug 22, 2008 1.000000  Aug 25, 2008 Sep 24, 2008 1.000000  Sep 25, 2008 Oct 24, 2008 1.000000  Oct 27, 2008 Nov 24, 2008 1.000000  Nov 25, 2008 Dec 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Dec 26, 2009 Feb 24, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000  Apr 27, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Apr 27, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 Jun 24, 2009 1.000000  Apr 28, 2009 Jun 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Aug 25, 2009 Dec 24, 2009 1.000000  Apr 26, 2010 Mar 24, 2010 1.000000  Apr 25, 2010 Jun 24, 2011 1.000000  Apr 25, 2011 Jun 24, 2011 1.000000  Apr 25, 2011 Jun 24, 2011 1.0000000  Apr 25, 2011 Jun 24, 2011 1.0000000  Apr 25, 2011 Jun 24, 2011 1.	Jul 25, 2007	Aug 24, 2007	
Sep 25, 2007 Oct 24, 2007 1.000000 Oct 25, 2007 Nov 23, 2007 1.000000 Nov 26, 2007 Dec 24, 2007 1.000000 Dec 26, 2007 Jan 24, 2008 1.000000 Jan 25, 2008 Feb 22, 2008 1.000000 Feb 25, 2008 Mar 24, 2008 1.000000 Mar 25, 2008 May 23, 2008 1.000000 May 27, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 May 23, 2008 1.000000 Jun 25, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 Aug 22, 2008 1.000000 Jun 25, 2008 Sep 24, 2008 1.000000 Sep 25, 2008 Oct 24, 2008 1.000000 Oct 27, 2008 Nov 24, 2008 1.000000 Nov 25, 2008 Dec 24, 2008 1.000000 Dec 26, 2008 Jan 23, 2009 1.000000 Dec 26, 2008 Jan 23, 2009 1.000000 Jan 26, 2009 Feb 24, 2009 1.000000 Feb 25, 2009 Mar 24, 2009 1.000000 Mar 25, 2009 May 22, 2009 1.000000 Apr 27, 2009 May 22, 2009 1.000000 May 26, 2009 Jun 24, 2009 1.000000 Jun 25, 2009 Sep 24, 2009 1.000000 Dec 28, 2009 Jun 24, 2009 1.000000 Aug 25, 2009 Jun 24, 2009 1.000000 Aug 25, 2009 Sep 24, 2009 1.000000 Dec 28, 2009 Jan 22, 2010 1.000000 May 25, 2010 May 24, 2010 1.000000 May 25, 2010 May 24, 2010 1.000000 Dec 28, 2010 May 24, 2010 1.000000 Dec 27, 2010 Jun 24, 2011 1.000000 Dec 27, 2010 Jan 24, 2011 1.000000 Dec 27, 2011 Jan 24, 2011 1.000000	Aug 27, 2007	Sep 24, 2007	
Oct 25, 2007         Nov 23, 2007         1.000000           Nov 26, 2007         Dec 24, 2007         1.000000           Dec 26, 2007         Jan 24, 2008         1.000000           Jan 25, 2008         Feb 22, 2008         1.000000           Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Jul 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Mar 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009 <t< td=""><td>Sep 25, 2007</td><td>Oct 24, 2007</td><td></td></t<>	Sep 25, 2007	Oct 24, 2007	
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Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		·	
Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	-	·	
Jan 25, 2011 Feb 24, 2011 1.000000 Feb 25, 2011 Mar 24, 2011 1.000000 Mar 25, 2011 Apr 22, 2011 1.000000 Apr 25, 2011 May 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000			
Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		-	
Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		-	
Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	-	·	
May 25, 2011 Jun 24, 2011 1.000000	-		
lun 27, 2011 Jul 22, 2011	May 25, 2011	Jun 24, 2011	
	Jun 27, 2011	Jul 22, 2011	

# 1AF2B Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

#### 1AF3A Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
	•	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
		1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	0.990216
Mar 25, 2011	Apr 22, 2011	0.983514
Apr 25, 2011	May 24, 2011	0.975843
14. 25 2044	Jun 24, 2011	
May 25, 2011	Juli 24, 2011	0.970594

#### 1AF3A Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.958954
Aug 25, 2011	Sep 23, 2011	0.951936
Sep 26, 2011	Oct 24, 2011	0.941177
Oct 25, 2011	Nov 23, 2011	0.929116
Nov 25, 2011	Dec 23, 2011	0.926778
Dec 27, 2011	Jan 24, 2012	0.921618
Jan 25, 2012	Feb 24, 2012	0.915535
Feb 27, 2012	Mar 23, 2012	0.914254
Mar 26, 2012	Apr 24, 2012	0.907189
Apr 25, 2012	May 24, 2012	0.904726
May 25, 2012	Jun 22, 2012	0.901922
Jun 25, 2012	Jul 24, 2012	0.897350
Jul 25, 2012	Aug 24, 2012	0.878527
Aug 27, 2012	Sep 24, 2012	0.872950
Sep 25, 2012	Oct 24, 2012	0.865626
Oct 25, 2012	Nov 23, 2012	0.862687
Nov 26, 2012	Dec 24, 2012	0.857612
Dec 26, 2012	Jan 24, 2013	0.852525
Jan 25, 2013	Feb 22, 2013	0.843987
Feb 25, 2013	Mar 22, 2013	0.840366
Mar 25, 2013	Apr 24, 2013	0.830643
Apr 25, 2013	May 24, 2013	0.826413
May 28, 2013	Jun 24, 2013	0.819664
Jun 25, 2013	Jul 24, 2013	0.815712
Jul 25, 2013	Aug 23, 2013	0.806257
Aug 26, 2013	Sep 24, 2013	0.799195
Sep 25, 2013	Oct 24, 2013	0.796006
Oct 25, 2013	Nov 22, 2013	0.793826
Nov 25, 2013	Dec 24, 2013	0.784189
Dec 26, 2013	Jan 24, 2014	0.779639
Jan 27, 2014	Feb 24, 2014	0.773397
Feb 25, 2014	Mar 24, 2014	0.767914
Mar 25, 2014	Apr 24, 2014	0.766698
Apr 25, 2014	May 23, 2014	0.761005
May 27, 2014	Jun 24, 2014	0.756282
Jun 25, 2014	Jul 24, 2014	0.751983
Jul 25, 2014	Aug 22, 2014	0.745542
Aug 25, 2014	Sep 24, 2014	0.734749
Sep 25, 2014	Oct 24, 2014	0.731282
Oct 27, 2014	Nov 24, 2014	0.728693
Nov 25, 2014	Dec 24, 2014	0.726828
Dec 26, 2014	Jan 23, 2015	0.722092
Jan 26, 2015	Feb 24, 2015	0.716266
Feb 25, 2015	Mar 24, 2015	0.705655
Mar 25, 2015	Apr 24, 2015	0.702427
Apr 27, 2015	May 22, 2015	0.696331
May 26, 2015	Jun 24, 2015	0.685820
Jun 25, 2015		0.681993

### 1AF3B Certificate Factor Chart

May 24, 2007   1.000000   May 25, 2007   Jun 22, 2007   1.000000   Jun 25, 2007   Jun 22, 2007   1.000000   Jun 25, 2007   Jul 24, 2007   1.000000   Jul 25, 2007   Aug 24, 2007   1.000000   Aug 27, 2007   Sep 24, 2007   1.000000   Aug 27, 2007   Nov 23, 2007   1.000000   Oct 25, 2007   Nov 23, 2007   1.000000   Dec 26, 2007   Jan 24, 2008   1.000000   Jan 25, 2008   Feb 22, 2008   1.000000   Feb 25, 2008   May 24, 2008   1.000000   May 25, 2008   Aug 27, 2008   Jun 24, 2008   1.000000   May 27, 2008   Jun 24, 2008   1.000000   Jun 25, 2008   Aug 22, 2008   1.000000   Jun 25, 2008   Jun 24, 2008   1.000000   Jun 25, 2008   Aug 22, 2008   1.000000   Aug 25, 2008   Sep 24, 2008   1.000000   Sep 25, 2008   Oct 24, 2008   1.000000   Oct 27, 2008   Nov 24, 2008   1.000000   Oct 27, 2008   Jun 24, 2008   1.000000   Oct 27, 2008   Jun 24, 2009   1.000000   Dec 26, 2008   Jan 23, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Jun 24, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Jun 24, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2010   Aug 24, 2010   1.000000   Aug 25, 2010   Aug 24, 2010   1.000000   Aug 25, 2010   Aug 24, 2010   1.000000   Aug 25, 2010   Aug 2	From	То	<u>Factor</u>
May 25, 2007		_	
Jun 25, 2007  Jul 24, 2007  Jul 25, 2007  Aug 24, 2007  Jul 25, 2007  Aug 27, 2007  Sep 24, 2007  Jul 200000  Sep 25, 2007  Oct 24, 2007  Jul 2000000  Nov 26, 2007  Dec 26, 2007  Jul 24, 2008  Jul 25, 2008  Feb 22, 2008  Jul 24, 2008  Jul 25, 2008  Mar 24, 2008  Jul 25, 2008  Mar 24, 2008  Jul 24, 2008  Jul 25, 2008  Mar 24, 2008  Jul 24, 2008  Jul 25, 2008  Mar 27, 2008  Jul 24, 2008  Jul 24, 2008  Jul 25, 2008  Jul 24, 2008  Jul 25, 2008  Jul 24, 2008  Jul 25, 2008  Jul 26, 2008  Jul 27, 2008  Jul 28, 2008  Jul 29, 2008  Jul 29, 2008  Jul 2008  Jul 2009  Jul 2008  Jul 2008  Jul 2009  Jul 200	May 25, 2007	Jun 22, 2007	
Aug 27, 2007  Sep 24, 2007  1.000000  Sep 25, 2007  Oct 24, 2007  1.000000  Oct 25, 2007  Nov 23, 2007  1.000000  Dec 26, 2007  Dec 24, 2007  1.000000  Dec 26, 2007  Jan 24, 2008  1.000000  Jan 25, 2008  Feb 22, 2008  Mar 24, 2008  1.000000  Mar 25, 2008  May 27, 2008  May 23, 2008  May 27, 2008  Jul 24, 2008  Jul 25, 2008  May 27, 2008  Jul 24, 2008  Jul 25, 2008  Aug 22, 2008  Aug 22, 2008  L000000  Sep 25, 2008  Aug 22, 2008  Aug 22, 2008  L000000  Sep 25, 2008  Aug 22, 2008  L000000  Sep 25, 2008  Oct 24, 2008  L000000  Sep 25, 2008  Oct 24, 2008  L000000  Dec 26, 2008  Jul 25, 2008  Dec 24, 2008  Jul 26, 2009  Jul 26, 2009  Feb 24, 2009  Jul 26, 2009  Jul 27, 2009  May 27, 2009  May 28, 2009  Jul 24, 2009  Jul 29, 2009  Jul 24, 2009  Jul 29, 2009  Jul 29, 2009  Jul 24, 2009  Jul 29, 2009  Jul 24, 2009  Jul 29, 2009  Jul 27, 2009  May 26, 2009  Jul 24, 2009  Jul 24, 2009  Jul 27, 2009  May 26, 2009  Jul 24, 2009  Jul 27, 2009  Jul 28, 2009  Jul 28, 2009  Jul 29, 2000  Jul 20, 2	Jun 25, 2007	Jul 24, 2007	1.000000
Aug 27, 2007 Sep 24, 2007 1.000000  Sep 25, 2007 Oct 24, 2007 1.000000  Oct 25, 2007 Nov 23, 2007 1.000000  Nov 26, 2007 Dec 24, 2007 1.000000  Dec 26, 2007 Jan 24, 2008 1.000000  Jan 25, 2008 Feb 22, 2008 1.000000  Feb 25, 2008 Mar 24, 2008 1.000000  Mar 25, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jul 25, 2008 Aug 22, 2008 1.000000  Aug 25, 2008 Sep 24, 2008 1.000000  Sep 25, 2008 Oct 24, 2008 1.000000  Oct 27, 2008 Nov 24, 2008 1.000000  Nov 25, 2008 Dec 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Dec 26, 2009 Feb 24, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000  Apr 27, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Apr 27, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 Jun 24, 2009 1.000000  Apr 28, 2009 Jun 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Aug 25, 2009 Dec 24, 2009 1.000000  Apr 26, 2010 Mar 24, 2010 1.000000  Apr 25, 2010 Jun 24, 2011 1.000000  Apr 25, 2011 Jun 24, 2011 1.000000  Apr 25, 2011 Jun 24, 2011 1.0000000  Apr 25, 2011 Jun 24, 2011 1.0000000  Apr 25, 2011 Jun 24, 2011 1.	Jul 25, 2007	Aug 24, 2007	
Sep 25, 2007 Oct 24, 2007 1.000000 Oct 25, 2007 Nov 23, 2007 1.000000 Nov 26, 2007 Dec 24, 2007 1.000000 Dec 26, 2007 Jan 24, 2008 1.000000 Jan 25, 2008 Feb 22, 2008 1.000000 Feb 25, 2008 Mar 24, 2008 1.000000 Mar 25, 2008 May 23, 2008 1.000000 May 27, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 May 23, 2008 1.000000 Jun 25, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 Aug 22, 2008 1.000000 Jun 25, 2008 Sep 24, 2008 1.000000 Sep 25, 2008 Oct 24, 2008 1.000000 Oct 27, 2008 Nov 24, 2008 1.000000 Nov 25, 2008 Dec 24, 2008 1.000000 Dec 26, 2008 Jan 23, 2009 1.000000 Dec 26, 2008 Jan 23, 2009 1.000000 Jan 26, 2009 Feb 24, 2009 1.000000 Feb 25, 2009 Mar 24, 2009 1.000000 Mar 25, 2009 May 22, 2009 1.000000 Apr 27, 2009 May 22, 2009 1.000000 May 26, 2009 Jun 24, 2009 1.000000 Jun 25, 2009 Sep 24, 2009 1.000000 Dec 28, 2009 Jun 24, 2009 1.000000 Aug 25, 2009 Jun 24, 2009 1.000000 Aug 25, 2009 Sep 24, 2009 1.000000 Dec 28, 2009 Jan 22, 2010 1.000000 May 25, 2010 May 24, 2010 1.000000 May 25, 2010 May 24, 2010 1.000000 Dec 28, 2010 May 24, 2010 1.000000 Dec 27, 2010 Jun 24, 2011 1.000000 Dec 27, 2010 Jan 24, 2011 1.000000 Dec 27, 2011 Jan 24, 2011 1.000000	Aug 27, 2007	Sep 24, 2007	
Oct 25, 2007         Nov 23, 2007         1.000000           Nov 26, 2007         Dec 24, 2007         1.000000           Dec 26, 2007         Jan 24, 2008         1.000000           Jan 25, 2008         Feb 22, 2008         1.000000           Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Jul 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Mar 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009 <t< td=""><td>Sep 25, 2007</td><td>Oct 24, 2007</td><td></td></t<>	Sep 25, 2007	Oct 24, 2007	
Nov 26, 2007 Dec 24, 2008 1.000000  Dec 26, 2007 Jan 24, 2008 1.000000  Jan 25, 2008 Feb 22, 2008 1.000000  Feb 25, 2008 Mar 24, 2008 1.000000  Mar 25, 2008 Apr 24, 2008 1.000000  Apr 25, 2008 May 23, 2008 1.000000  May 27, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jul 25, 2008 Aug 22, 2008 1.000000  Aug 25, 2008 Sep 24, 2008 1.000000  Sep 25, 2008 Oct 24, 2008 1.000000  Nov 25, 2008 Dec 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Peb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Jul 24, 2009 1.000000  Mar 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Mar 25, 2009 Jul 24, 2009 1.000000  Mar 25, 2009 Jul 24, 2009 1.000000  Aug 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Mar 24, 2010 1.000000  Aug 25, 2010 Jul 23, 2011 1.000000  Aug 25, 2011 Jul 24, 2011 1.00	Oct 25, 2007	Nov 23, 2007	1.000000
Jan 25, 2008	Nov 26, 2007	Dec 24, 2007	
Feb 25, 2008	Dec 26, 2007	Jan 24, 2008	1.000000
Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jun 24, 2008         1.000000           Jun 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Feb 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         Mar 24, 2009         1.000000           Apr 27, 2009         May 22, 2009         1.000000           May 26, 2009         Jun 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Jul 27, 2009 <t< td=""><td>Jan 25, 2008</td><td>Feb 22, 2008</td><td>1.000000</td></t<>	Jan 25, 2008	Feb 22, 2008	1.000000
Apr 25, 2008	Feb 25, 2008	Mar 24, 2008	
May 27, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jul 25, 2008 Aug 22, 2008 1.000000  Aug 25, 2008 Sep 24, 2008 1.000000  Oct 27, 2008 Nov 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Feb 25, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jul 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jul 27, 2009 Mag 24, 2009 1.000000  Jul 27, 2009 Mag 24, 2009 1.000000  Jun 25, 2009 Jun 24, 2009 1.000000  Aug 25, 2009 Jun 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Mar 25, 2010 Feb 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  Jun 25, 2010 Jun 24, 2010 1.000000  Aug 25, 2010 May 24, 2010 1.000000  Aug 25, 2010 May 24, 2010 1.000000  Dec 27, 2010 Jun 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 May 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Jun 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 May 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Aug 24, 2010 1.000000  Aug 25, 2011 Aug 24, 2011 1.0000000	Mar 25, 2008	Apr 24, 2008	1.000000
Jun 25, 2008  Jul 24, 2008  Jul 25, 2008  Aug 25, 2008  Sep 24, 2008  Aug 25, 2008  Sep 25, 2008  Oct 24, 2008  1.000000  Nov 25, 2008  Dec 24, 2008  Jul 26, 2009  Jul 27, 2009  Jul 27, 2009  Jul 27, 2009  Aug 25, 2009  Aug 25, 2009  Jul 24, 2009  Jul 27, 2009  Aug 25, 2009  Aug 25, 2009  Jul 24, 2009  Jul 27, 2009  Jul 27, 2009  Aug 25, 2009  Jul 24, 2009  Jul 27, 2009  Jul 27, 2009  Aug 25, 2009  Jul 27, 2009  Aug 25, 2009  Aug 25, 2009  Jul 27, 2009  Aug 25, 2009  Aug 26, 2009  Aug 27, 2009  Aug 28, 2009  Aug 28, 2009  Aug 29, 2009  Aug 29, 2009  Aug 20000  Aug 2	Apr 25, 2008	May 23, 2008	1.000000
Jul 25, 2008	May 27, 2008	Jun 24, 2008	1.000000
Aug 25, 2008	Jun 25, 2008	Jul 24, 2008	1.000000
Sep 25, 2008 Oct 24, 2008 1.000000 Oct 27, 2008 Nov 24, 2008 1.000000 Nov 25, 2008 Dec 24, 2008 1.000000 Dec 26, 2008 Jan 23, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000 Feb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Aug 27, 2009 Aug 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Jul 24, 2009 1.000000  Sep 25, 2009 Sep 24, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Jul 23, 2010 1.000000  Dec 27, 2010 Aug 24, 2010 1.000000  Dec 27, 2010 Jul 23, 2010 1.000000  Dec 27, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jul 23, 2010 1.000000  Dec 27, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Aug 25, 2011 Mar 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Aug 25, 2011 Mar 24, 2011 1.000000  Aug 25, 2011 Mar 24, 2011 1.000000  Aug 25, 2011 Mar 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2011 Jan 24, 2011 1.000000	Jul 25, 2008	Aug 22, 2008	1.000000
Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Feb 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         Apr 24, 2009         1.000000           May 26, 2009         Jun 24, 2009         1.000000           Jun 25, 2009         Jul 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009         Sep 24, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Nov 25, 2009         Dec 24, 2009         1.000000           Nov 25, 2009         Dec 24, 2009         1.000000           Nov 25, 2009         Dec 24, 2009         1.000000           Dec 28, 2009         Jan 22, 2010         1.000000           Jan 25, 2010         Feb 24, 2010         1.000000           Mar 25, 2010         Mar 24, 2010         1.000000           May 26, 2010         May 24, 2010         1.000000           May 27, 2010 <t< td=""><td>Aug 25, 2008</td><td>Sep 24, 2008</td><td>1.000000</td></t<>	Aug 25, 2008	Sep 24, 2008	1.000000
Nov 25, 2008 Dec 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000  Feb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Feb 25, 2010 Feb 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  May 25, 2010 Jul 24, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  May 25, 2010 Jul 24, 2010 1.000000  Doc 27, 2010 Jul 23, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000	Sep 25, 2008	Oct 24, 2008	1.000000
Dec 26, 2008 Jan 23, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000  Feb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Apr 24, 2009 1.000000  Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Dec 27, 2010 Jan 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000	Oct 27, 2008	Nov 24, 2008	1.000000
Jan 26, 2009 Feb 24, 2009 1.000000  Mar 25, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Aug 25, 2009 Jul 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Mar 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Jul 24, 2010 1.000000  Aug 25, 2010 Jul 24, 2010 1.000000  Aug 25, 2010 Jul 24, 2010 1.000000  Aug 25, 2010 Jan 24, 2010 1.000000  Aug 25, 2010 Jan 24, 2010 1.000000  Feb 27, 2010 Jan 24, 2011 1.000000  Aug 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Apr 25, 2011 Jun 24, 2011 1.000000	Nov 25, 2008	Dec 24, 2008	1.000000
Feb 25, 2009	Dec 26, 2008	Jan 23, 2009	1.000000
Mar 25, 2009	Jan 26, 2009	Feb 24, 2009	1.000000
Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  Jun 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Mar 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Feb 25, 2009	Mar 24, 2009	1.000000
May 26, 2009  Jun 24, 2009  Jun 25, 2009  Jul 27, 2009  Aug 24, 2009  Aug 24, 2009  1.000000  Aug 25, 2009  Sep 24, 2009  1.000000  Sep 25, 2009  Oct 23, 2009  Dec 24, 2009  Jun 26, 2010  Jun 27, 2010  Aug 24, 2010  Jun 28, 2010  Aug 28, 2010  Aug 29, 2010  Aug 29, 2010  Aug	Mar 25, 2009	Apr 24, 2009	1.000000
Jun 25, 2009  Jul 24, 2009  Jul 27, 2009  Aug 24, 2009  Aug 25, 2009  Sep 24, 2009  1.000000  Sep 25, 2009  Oct 23, 2009  Dec 26, 2009  Jul 27, 2009  Nov 24, 2009  1.000000  Nov 25, 2009  Dec 28, 2009  Jan 22, 2010  Jan 25, 2010  Feb 24, 2010  Apr 25, 2010  May 24, 2010  Jun 25, 2010  May 24, 2010  Jun 25, 2010  May 24, 2010  Jun 25, 2010  Jun 24, 2010  Jun 25, 2010  Jun 25, 2010  Jun 26, 2010  Jun 27, 2010  Jul 28, 2010  Aug 29, 2010  Aug 29, 2010  Aug 25, 2010  Aug 25, 2010  Aug 26, 2010  Aug 27, 2010  Jun 28, 2010  Jun 29, 2010  Aug 29, 2010  Aug 29, 2010  Nov 20, 2010  Nov 20, 2010  Nov 20, 2010  Nov 20, 2010  Jun 20, 2010  Nov 20, 2010  Nov 20, 2010  Jun 20, 2010  Nov 20, 2010  Jun 20, 2010  Jun 20, 2010  Aug 20, 2010  Aug 20, 2010  Nov 20, 2010  Jun 20, 2010  Jun 20, 2010  Nov 20, 2010  Jun 20, 2011	Apr 27, 2009	May 22, 2009	1.000000
Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	May 26, 2009	Jun 24, 2009	1.000000
Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  Mar 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Jun 25, 2009	Jul 24, 2009	1.000000
Sep 25, 2009 Oct 23, 2009 1.000000 Oct 26, 2009 Nov 24, 2009 1.000000 Nov 25, 2009 Dec 24, 2009 1.000000 Dec 28, 2009 Jan 22, 2010 1.000000 Jan 25, 2010 Feb 24, 2010 1.000000 Mar 25, 2010 Mar 24, 2010 1.000000 Mar 25, 2010 May 24, 2010 1.000000 May 25, 2010 May 24, 2010 1.000000 May 25, 2010 Jun 24, 2010 1.000000 Jun 25, 2010 Jul 23, 2010 1.000000 Jul 26, 2010 Aug 24, 2010 1.000000 Jul 26, 2010 Aug 24, 2010 1.000000 Sep 27, 2010 Oct 22, 2010 1.000000 Sep 27, 2010 Oct 22, 2010 1.000000 Oct 25, 2010 Nov 24, 2010 1.000000 Nov 26, 2010 Dec 23, 2010 1.000000 Dec 27, 2010 Jan 24, 2011 1.000000 Dec 27, 2010 Jan 24, 2011 1.000000 Jan 25, 2011 Feb 24, 2011 1.000000 Mar 25, 2011 Mar 24, 2011 1.000000 Mar 25, 2011 Mar 24, 2011 1.000000 May 25, 2011 Mar 24, 2011 1.000000 May 25, 2011 May 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000	Jul 27, 2009	Aug 24, 2009	1.000000
Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000	Aug 25, 2009	Sep 24, 2009	1.000000
Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  May 26, 2010 May 24, 2010 1.000000  Jun 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Sep 25, 2009	Oct 23, 2009	1.000000
Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Oct 26, 2009	Nov 24, 2009	1.000000
Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		Dec 24, 2009	1.000000
Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Dec 28, 2009	Jan 22, 2010	1.000000
Mar 25, 2010			1.000000
Apr 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		•	1.000000
May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		-	1.000000
Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000			1.000000
Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		·	1.000000
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Sep 27, 2010 Oct 22, 2010 1.000000 Oct 25, 2010 Nov 24, 2010 1.000000 Nov 26, 2010 Dec 23, 2010 1.000000 Dec 27, 2010 Jan 24, 2011 1.000000 Jan 25, 2011 Feb 24, 2011 1.000000 Feb 25, 2011 Mar 24, 2011 1.000000 Mar 25, 2011 Apr 22, 2011 1.000000 Apr 25, 2011 May 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000	-	<u> </u>	1.000000
Oct 25, 2010         Nov 24, 2010         1.000000           Nov 26, 2010         Dec 23, 2010         1.000000           Dec 27, 2010         Jan 24, 2011         1.000000           Jan 25, 2011         Feb 24, 2011         1.000000           Feb 25, 2011         Mar 24, 2011         1.000000           Mar 25, 2011         Apr 22, 2011         1.000000           Apr 25, 2011         May 24, 2011         1.000000           May 25, 2011         Jun 24, 2011         1.000000			
Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		·	
Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	-	·	
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Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		-	
Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		-	
Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	-	·	
May 25, 2011 Jun 24, 2011 1.000000	-		
lun 27, 2011 Jul 22, 2011	May 25, 2011	Jun 24, 2011	
	Jun 27, 2011	Jul 22, 2011	

# 1AF3B Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

#### 1AF4A Certificate Factor Chart

From	То	Factor
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	0.991303
Mar 25, 2011	Apr 22, 2011	0.985346
Apr 25, 2011	May 24, 2011	0.978527
May 25, 2011	Jun 24, 2011	0.973862
Jun 27, 2011	Jul 22, 2011	0.967621

#### 1AF4A Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.963515
Aug 25, 2011	Sep 23, 2011	0.957277
Sep 26, 2011	Oct 24, 2011	0.947714
Oct 25, 2011	Nov 23, 2011	0.936992
Nov 25, 2011	Dec 23, 2011	0.934915
Dec 27, 2011	Jan 24, 2012	0.930328
Jan 25, 2012	Feb 24, 2012	0.924921
Feb 27, 2012	Mar 23, 2012	0.923782
Mar 26, 2012	Apr 24, 2012	0.917502
Apr 25, 2012	May 24, 2012	0.915313
May 25, 2012	Jun 22, 2012	0.912820
Jun 25, 2012	Jul 24, 2012	0.908757
Jul 25, 2012	Aug 24, 2012	0.892025
Aug 27, 2012	Sep 24, 2012	0.887068
Sep 25, 2012	Oct 24, 2012	0.880558
Oct 25, 2012	Nov 23, 2012	0.877945
Nov 26, 2012	Dec 24, 2012	0.873434
Dec 26, 2012	Jan 24, 2013	0.868912
Jan 25, 2013	Feb 22, 2013	0.861323
Feb 25, 2013	Mar 22, 2013	0.858104
Mar 25, 2013	Apr 24, 2013	0.849462
Apr 25, 2013	May 24, 2013	0.845702
May 28, 2013	Jun 24, 2013	0.839703
Jun 25, 2013	Jul 24, 2013	0.836190
Jul 25, 2013	Aug 23, 2013	0.827785
Aug 26, 2013	Sep 24, 2013	0.821509
Sep 25, 2013	Oct 24, 2013	0.818674
Oct 25, 2013	Nov 22, 2013	0.816736
Nov 25, 2013	Dec 24, 2013	0.808170
Dec 26, 2013	Jan 24, 2014	0.804125
Jan 27, 2014	Feb 24, 2014	0.798577
Feb 25, 2014	Mar 24, 2014	0.793704
Mar 25, 2014	Apr 24, 2014	0.792623
Apr 25, 2014	May 23, 2014	0.787562
May 27, 2014	Jun 24, 2014	0.783364
Jun 25, 2014	Jul 24, 2014	0.779543
Jul 25, 2014	Aug 22, 2014	0.773817
Aug 25, 2014	Sep 24, 2014	0.764224
Sep 25, 2014	Oct 24, 2014	0.761142
Oct 27, 2014	Nov 24, 2014	0.758841
Nov 25, 2014	Dec 24, 2014	0.757183
Dec 26, 2014	Jan 23, 2015	0.752973
Jan 26, 2015	Feb 24, 2015	0.747794
Feb 25, 2015	Mar 24, 2015	0.738363
Mar 25, 2015	Apr 24, 2015	0.735493
Apr 27, 2015	May 22, 2015	0.730075
May 26, 2015	Jun 24, 2015	0.720732
Jun 25, 2015		0.717330

# 1AF4B Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000

# 1AF4B Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

#### 1AF5A Certificate Factor Chart

From	То	Factor
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	0.991303
Mar 25, 2011	Apr 22, 2011	0.985346
Apr 25, 2011	May 24, 2011	0.978527
May 25, 2011	Jun 24, 2011	0.973862
Jun 27, 2011	Jul 22, 2011	0.967621

#### 1AF5A Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.963515
Aug 25, 2011	Sep 23, 2011	0.957277
Sep 26, 2011	Oct 24, 2011	0.947714
Oct 25, 2011	Nov 23, 2011	0.936993
Nov 25, 2011	Dec 23, 2011	0.934915
Dec 27, 2011	Jan 24, 2012	0.930328
Jan 25, 2012	Feb 24, 2012	0.924921
Feb 27, 2012	Mar 23, 2012	0.923783
Mar 26, 2012	Apr 24, 2012	0.917503
Apr 25, 2012	May 24, 2012	0.915314
May 25, 2012	Jun 22, 2012	0.912821
Jun 25, 2012	Jul 24, 2012	0.908757
Jul 25, 2012	Aug 24, 2012	0.892026
Aug 27, 2012	Sep 24, 2012	0.887069
Sep 25, 2012	Oct 24, 2012	0.880559
Oct 25, 2012	Nov 23, 2012	0.877947
Nov 26, 2012	Dec 24, 2012	0.873435
Dec 26, 2012	Jan 24, 2013	0.868913
Jan 25, 2013	Feb 22, 2013	0.861325
Feb 25, 2013	Mar 22, 2013	0.858106
Mar 25, 2013	Apr 24, 2013	0.849464
Apr 25, 2013	May 24, 2013	0.845704
May 28, 2013	Jun 24, 2013	0.839705
Jun 25, 2013	Jul 24, 2013	0.836191
Jul 25, 2013	Aug 23, 2013	0.827787
Aug 26, 2013	Sep 24, 2013	0.821511
Sep 25, 2013	Oct 24, 2013	0.818676
Oct 25, 2013	Nov 22, 2013	0.816738
Nov 25, 2013	Dec 24, 2013	0.808172
Dec 26, 2013	Jan 24, 2014	0.804127
Jan 27, 2014	Feb 24, 2014	0.798579
Feb 25, 2014	Mar 24, 2014	0.793706
Mar 25, 2014	Apr 24, 2014	0.792625
Apr 25, 2014	May 23, 2014	0.787565
May 27, 2014	Jun 24, 2014	0.783366
Jun 25, 2014	Jul 24, 2014	0.779545
Jul 25, 2014	Aug 22, 2014	0.773820
Aug 25, 2014	Sep 24, 2014	0.764226
Sep 25, 2014	Oct 24, 2014	0.761145
Oct 27, 2014	Nov 24, 2014	0.758843
Nov 25, 2014	Dec 24, 2014	0.757185
Dec 26, 2014	Jan 23, 2015	0.752975
Jan 26, 2015	Feb 24, 2015	0.747797
Feb 25, 2015	Mar 24, 2015	0.738366
Mar 25, 2015	Apr 24, 2015	0.735496
Apr 27, 2015	May 22, 2015	0.730078
May 26, 2015	Jun 24, 2015	0.720735
Jun 25, 2015		0.717333

#### 1AF5B Certificate Factor Chart

May 24, 2007   1.000000   May 25, 2007   Jun 22, 2007   1.000000   Jun 25, 2007   Jun 22, 2007   1.000000   Jun 25, 2007   Jul 24, 2007   1.000000   Jul 25, 2007   Aug 24, 2007   1.000000   Aug 27, 2007   Sep 24, 2007   1.000000   Aug 27, 2007   Nov 23, 2007   1.000000   Oct 25, 2007   Nov 23, 2007   1.000000   Dec 26, 2007   Jan 24, 2008   1.000000   Jan 25, 2008   Feb 22, 2008   1.000000   Feb 25, 2008   May 24, 2008   1.000000   May 25, 2008   Aug 27, 2008   Jun 24, 2008   1.000000   May 27, 2008   Jun 24, 2008   1.000000   Jun 25, 2008   Aug 22, 2008   1.000000   Jun 25, 2008   Jun 24, 2008   1.000000   Jun 25, 2008   Aug 22, 2008   1.000000   Aug 25, 2008   Sep 24, 2008   1.000000   Sep 25, 2008   Oct 24, 2008   1.000000   Oct 27, 2008   Nov 24, 2008   1.000000   Oct 27, 2008   Jun 24, 2008   1.000000   Oct 27, 2008   Jun 24, 2009   1.000000   Dec 26, 2008   Jan 23, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Jun 24, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Jun 24, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2010   Aug 24, 2010   1.000000   Aug 25, 2010   Aug 24, 2010   1.000000   Aug 25, 2010   Aug 24, 2010   1.000000   Aug 25, 2010   Aug 2	From	То	<u>Factor</u>
May 25, 2007		_	
Jun 25, 2007  Jul 24, 2007  Jul 25, 2007  Aug 24, 2007  Jul 25, 2007  Aug 27, 2007  Sep 24, 2007  Jul 200000  Sep 25, 2007  Oct 24, 2007  Jul 2000000  Nov 26, 2007  Dec 26, 2007  Jul 24, 2008  Jul 25, 2008  Feb 22, 2008  Jul 24, 2008  Jul 25, 2008  Mar 24, 2008  Jul 25, 2008  Mar 24, 2008  Jul 24, 2008  Jul 25, 2008  Mar 24, 2008  Jul 24, 2008  Jul 25, 2008  Mar 27, 2008  Jul 24, 2008  Jul 24, 2008  Jul 25, 2008  Jul 24, 2008  Jul 25, 2008  Jul 24, 2008  Jul 25, 2008  Jul 26, 2008  Jul 27, 2008  Jul 28, 2008  Jul 29, 2008  Jul 29, 2008  Jul 2008  Jul 2009  Jul 2008  Jul 2008  Jul 2009  Jul 200	May 25, 2007	Jun 22, 2007	
Aug 27, 2007  Sep 24, 2007  1.000000  Sep 25, 2007  Oct 24, 2007  1.000000  Oct 25, 2007  Nov 23, 2007  1.000000  Dec 26, 2007  Dec 24, 2007  1.000000  Dec 26, 2007  Jan 24, 2008  1.000000  Jan 25, 2008  Feb 22, 2008  Mar 24, 2008  1.000000  Mar 25, 2008  May 27, 2008  May 23, 2008  May 27, 2008  Jul 24, 2008  Jul 25, 2008  May 27, 2008  Jul 24, 2008  Jul 25, 2008  Aug 22, 2008  Aug 22, 2008  L000000  Sep 25, 2008  Aug 22, 2008  Aug 22, 2008  L000000  Sep 25, 2008  Aug 22, 2008  L000000  Sep 25, 2008  Oct 24, 2008  L000000  Sep 25, 2008  Oct 24, 2008  L000000  Dec 26, 2008  Jul 25, 2008  Dec 24, 2008  Jul 26, 2009  Jul 26, 2009  Feb 24, 2009  Jul 26, 2009  Jul 27, 2009  May 27, 2009  May 28, 2009  Jul 24, 2009  Jul 29, 2009  Jul 24, 2009  Jul 29, 2009  Jul 29, 2009  Jul 24, 2009  Jul 29, 2009  Jul 24, 2009  Jul 29, 2009  Jul 27, 2009  May 26, 2009  Jul 24, 2009  Jul 24, 2009  Jul 27, 2009  May 26, 2009  Jul 24, 2009  Jul 27, 2009  Jul 28, 2009  Jul 28, 2009  Jul 29, 2000  Jul 20, 2	Jun 25, 2007	Jul 24, 2007	1.000000
Aug 27, 2007 Sep 24, 2007 1.000000  Sep 25, 2007 Oct 24, 2007 1.000000  Oct 25, 2007 Nov 23, 2007 1.000000  Nov 26, 2007 Dec 24, 2007 1.000000  Dec 26, 2007 Jan 24, 2008 1.000000  Jan 25, 2008 Feb 22, 2008 1.000000  Feb 25, 2008 Mar 24, 2008 1.000000  Mar 25, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jul 25, 2008 Aug 22, 2008 1.000000  Aug 25, 2008 Sep 24, 2008 1.000000  Sep 25, 2008 Oct 24, 2008 1.000000  Oct 27, 2008 Nov 24, 2008 1.000000  Nov 25, 2008 Dec 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Dec 26, 2009 Feb 24, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000  Apr 27, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Apr 27, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 Jun 24, 2009 1.000000  Apr 28, 2009 Jun 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Aug 25, 2009 Dec 24, 2009 1.000000  Apr 26, 2010 Mar 24, 2010 1.000000  Apr 25, 2010 Jun 24, 2011 1.000000  Apr 25, 2011 Jun 24, 2011 1.000000  Apr 25, 2011 Jun 24, 2011 1.0000000  Apr 25, 2011 Jun 24, 2011 1.0000000  Apr 25, 2011 Jun 24, 2011 1.	Jul 25, 2007	Aug 24, 2007	
Sep 25, 2007 Oct 24, 2007 1.000000 Oct 25, 2007 Nov 23, 2007 1.000000 Nov 26, 2007 Dec 24, 2007 1.000000 Dec 26, 2007 Jan 24, 2008 1.000000 Jan 25, 2008 Feb 22, 2008 1.000000 Feb 25, 2008 Mar 24, 2008 1.000000 Mar 25, 2008 May 23, 2008 1.000000 May 27, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 May 23, 2008 1.000000 Jun 25, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 Aug 22, 2008 1.000000 Jun 25, 2008 Sep 24, 2008 1.000000 Sep 25, 2008 Oct 24, 2008 1.000000 Oct 27, 2008 Nov 24, 2008 1.000000 Nov 25, 2008 Dec 24, 2008 1.000000 Dec 26, 2008 Jan 23, 2009 1.000000 Dec 26, 2008 Jan 23, 2009 1.000000 Jan 26, 2009 Feb 24, 2009 1.000000 Feb 25, 2009 Mar 24, 2009 1.000000 Mar 25, 2009 May 22, 2009 1.000000 Apr 27, 2009 May 22, 2009 1.000000 May 26, 2009 Jun 24, 2009 1.000000 Jun 25, 2009 Sep 24, 2009 1.000000 Dec 28, 2009 Jun 24, 2009 1.000000 Aug 25, 2009 Jun 24, 2009 1.000000 Aug 25, 2009 Sep 24, 2009 1.000000 Dec 28, 2009 Jan 22, 2010 1.000000 May 25, 2010 May 24, 2010 1.000000 May 25, 2010 May 24, 2010 1.000000 Dec 28, 2010 May 24, 2010 1.000000 Dec 27, 2010 Jun 24, 2011 1.000000 Dec 27, 2010 Jan 24, 2011 1.000000 Dec 27, 2011 Jan 24, 2011 1.000000	Aug 27, 2007	Sep 24, 2007	
Oct 25, 2007         Nov 23, 2007         1.000000           Nov 26, 2007         Dec 24, 2007         1.000000           Dec 26, 2007         Jan 24, 2008         1.000000           Jan 25, 2008         Feb 22, 2008         1.000000           Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Jul 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Mar 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009 <t< td=""><td>Sep 25, 2007</td><td>Oct 24, 2007</td><td></td></t<>	Sep 25, 2007	Oct 24, 2007	
Nov 26, 2007 Dec 24, 2008 1.000000  Dec 26, 2007 Jan 24, 2008 1.000000  Jan 25, 2008 Feb 22, 2008 1.000000  Feb 25, 2008 Mar 24, 2008 1.000000  Mar 25, 2008 Apr 24, 2008 1.000000  Apr 25, 2008 May 23, 2008 1.000000  May 27, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jul 25, 2008 Aug 22, 2008 1.000000  Aug 25, 2008 Sep 24, 2008 1.000000  Sep 25, 2008 Oct 24, 2008 1.000000  Nov 25, 2008 Dec 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Peb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Jul 24, 2009 1.000000  Mar 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Mar 25, 2009 Jul 24, 2009 1.000000  Mar 25, 2009 Jul 24, 2009 1.000000  Aug 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Mar 24, 2010 1.000000  Aug 25, 2010 Jul 23, 2011 1.000000  Aug 25, 2011 Jul 24, 2011 1.00	Oct 25, 2007	Nov 23, 2007	1.000000
Jan 25, 2008	Nov 26, 2007	Dec 24, 2007	
Feb 25, 2008	Dec 26, 2007	Jan 24, 2008	1.000000
Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jun 24, 2008         1.000000           Jun 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Feb 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         Mar 24, 2009         1.000000           Apr 27, 2009         May 22, 2009         1.000000           May 26, 2009         Jun 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009 <t< td=""><td>Jan 25, 2008</td><td>Feb 22, 2008</td><td>1.000000</td></t<>	Jan 25, 2008	Feb 22, 2008	1.000000
Apr 25, 2008	Feb 25, 2008	Mar 24, 2008	
May 27, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jul 25, 2008 Aug 22, 2008 1.000000  Aug 25, 2008 Sep 24, 2008 1.000000  Oct 27, 2008 Nov 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Feb 25, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jul 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jul 27, 2009 Mag 24, 2009 1.000000  Jul 27, 2009 Mag 24, 2009 1.000000  Jun 25, 2009 Jun 24, 2009 1.000000  Aug 25, 2009 Jun 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Mar 25, 2010 Feb 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  Jun 25, 2010 Jun 24, 2010 1.000000  Aug 25, 2010 May 24, 2010 1.000000  Aug 25, 2010 May 24, 2010 1.000000  Dec 27, 2010 Jun 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 May 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Jun 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 May 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Aug 24, 2010 1.000000  Aug 25, 2011 Aug 24, 2011 1.0000000	Mar 25, 2008	Apr 24, 2008	1.000000
Jun 25, 2008  Jul 24, 2008  Jul 25, 2008  Aug 25, 2008  Sep 24, 2008  Aug 25, 2008  Sep 25, 2008  Oct 24, 2008  1.000000  Nov 25, 2008  Dec 24, 2008  Jul 26, 2009  Jul 27, 2009  Jul 27, 2009  Jul 27, 2009  Aug 25, 2009  Aug 25, 2009  Jul 24, 2009  Jul 27, 2009  Aug 25, 2009  Aug 25, 2009  Jul 24, 2009  Jul 27, 2009  Jul 27, 2009  Aug 25, 2009  Jul 24, 2009  Jul 27, 2009  Jul 27, 2009  Aug 25, 2009  Jul 27, 2009  Aug 25, 2009  Aug 25, 2009  Jul 27, 2009  Aug 25, 2009  Aug 26, 2009  Aug 27, 2009  Aug 28, 2009  Aug 28, 2009  Aug 29, 2009  Aug 29, 2009  Aug 20000  Aug 2	Apr 25, 2008	May 23, 2008	1.000000
Jul 25, 2008	May 27, 2008	Jun 24, 2008	1.000000
Aug 25, 2008	Jun 25, 2008	Jul 24, 2008	1.000000
Sep 25, 2008 Oct 24, 2008 1.000000 Oct 27, 2008 Nov 24, 2008 1.000000 Nov 25, 2008 Dec 24, 2008 1.000000 Dec 26, 2008 Jan 23, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000 Feb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Aug 27, 2009 Aug 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Jul 24, 2009 1.000000  Sep 25, 2009 Sep 24, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Jul 23, 2010 1.000000  Dec 27, 2010 Aug 24, 2010 1.000000  Dec 27, 2010 Jul 23, 2010 1.000000  Dec 27, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jul 23, 2010 1.000000  Dec 27, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Aug 25, 2011 Mar 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Aug 25, 2011 Mar 24, 2011 1.000000  Aug 25, 2011 Mar 24, 2011 1.000000  Aug 25, 2011 Mar 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2011 Jan 24, 2011 1.000000	Jul 25, 2008	Aug 22, 2008	1.000000
Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Feb 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         Apr 24, 2009         1.000000           May 26, 2009         Jun 24, 2009         1.000000           Jun 25, 2009         Jul 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009         Sep 24, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Nov 25, 2009         Dec 24, 2009         1.000000           Nov 25, 2009         Dec 24, 2009         1.000000           Nov 25, 2009         Dec 24, 2009         1.000000           Dec 28, 2009         Jan 22, 2010         1.000000           Jan 25, 2010         Feb 24, 2010         1.000000           Mar 25, 2010         Mar 24, 2010         1.000000           May 26, 2010         May 24, 2010         1.000000           May 27, 2010 <t< td=""><td>Aug 25, 2008</td><td>Sep 24, 2008</td><td>1.000000</td></t<>	Aug 25, 2008	Sep 24, 2008	1.000000
Nov 25, 2008 Dec 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000  Feb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  May 26, 2009 Jul 24, 2009 1.000000  Jun 25, 2009 Aug 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Feb 25, 2010 Feb 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  May 25, 2010 Jul 24, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  Dec 27, 2010 Jul 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000	Sep 25, 2008	Oct 24, 2008	1.000000
Dec 26, 2008 Jan 23, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000  Feb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Apr 24, 2009 1.000000  Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Dec 27, 2010 Jan 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000	Oct 27, 2008	Nov 24, 2008	1.000000
Jan 26, 2009 Feb 24, 2009 1.000000  Mar 25, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Aug 25, 2009 Jul 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Mar 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Jul 24, 2010 1.000000  Aug 25, 2010 Jul 24, 2010 1.000000  Aug 25, 2010 Jul 24, 2010 1.000000  Aug 25, 2010 Jan 24, 2010 1.000000  Aug 25, 2010 Jan 24, 2010 1.000000  Feb 27, 2010 Jan 24, 2011 1.000000  Aug 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Apr 25, 2011 Mar 24, 2011 1.000000  Apr 25, 2011 Mar 24, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  Apr 25, 2011 Jun 24, 2011 1.000000	Nov 25, 2008	Dec 24, 2008	1.000000
Feb 25, 2009	Dec 26, 2008	Jan 23, 2009	1.000000
Mar 25, 2009	Jan 26, 2009	Feb 24, 2009	1.000000
Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  Jun 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 Jan 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Feb 25, 2009	Mar 24, 2009	1.000000
May 26, 2009  Jun 24, 2009  Jun 25, 2009  Jul 27, 2009  Aug 24, 2009  Aug 24, 2009  1.000000  Aug 25, 2009  Sep 24, 2009  1.000000  Sep 25, 2009  Oct 23, 2009  Dec 24, 2009  Jun 26, 2010  Jun 27, 2010  Aug 24, 2010  Jun 28, 2010  Aug 28, 2010  Aug 29, 2010  Aug 29, 2010  Aug	Mar 25, 2009	Apr 24, 2009	1.000000
Jun 25, 2009  Jul 24, 2009  Jul 27, 2009  Aug 24, 2009  Aug 25, 2009  Sep 24, 2009  1.000000  Sep 25, 2009  Oct 23, 2009  Dec 26, 2009  Jul 27, 2009  Nov 24, 2009  1.000000  Nov 25, 2009  Dec 28, 2009  Jan 22, 2010  Jan 25, 2010  Feb 24, 2010  Apr 25, 2010  May 24, 2010  Jun 25, 2010  May 24, 2010  Jun 25, 2010  May 24, 2010  Jun 25, 2010  Jun 24, 2010  Jun 25, 2010  Jun 25, 2010  Jun 26, 2010  Jun 27, 2010  Jul 28, 2010  Aug 29, 2010  Aug 29, 2010  Aug 25, 2010  Aug 25, 2010  Aug 26, 2010  Aug 27, 2010  Jun 28, 2010  Jun 29, 2010  Aug 29, 2010  Aug 29, 2010  Nov 20, 2010  Nov 20, 2010  Nov 20, 2010  Nov 20, 2010  Jun 20, 2010  Nov 20, 2010  Nov 20, 2010  Jun 20, 2010  Nov 20, 2010  Jun 20, 2010  Jun 20, 2010  Aug 20, 2010  Aug 20, 2010  Nov 20, 2010  Jun 20, 2010  Jun 20, 2010  Nov 20, 2010  Jun 20, 2011	Apr 27, 2009	May 22, 2009	1.000000
Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	May 26, 2009	Jun 24, 2009	1.000000
Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  Mar 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Jun 25, 2009	Jul 24, 2009	1.000000
Sep 25, 2009 Oct 23, 2009 1.000000 Oct 26, 2009 Nov 24, 2009 1.000000 Nov 25, 2009 Dec 24, 2009 1.000000 Dec 28, 2009 Jan 22, 2010 1.000000 Jan 25, 2010 Feb 24, 2010 1.000000 Mar 25, 2010 Mar 24, 2010 1.000000 Mar 25, 2010 May 24, 2010 1.000000 May 25, 2010 May 24, 2010 1.000000 May 25, 2010 Jun 24, 2010 1.000000 Jun 25, 2010 Jul 23, 2010 1.000000 Jul 26, 2010 Aug 24, 2010 1.000000 Jul 26, 2010 Aug 24, 2010 1.000000 Sep 27, 2010 Oct 22, 2010 1.000000 Sep 27, 2010 Oct 22, 2010 1.000000 Oct 25, 2010 Nov 24, 2010 1.000000 Nov 26, 2010 Dec 23, 2010 1.000000 Dec 27, 2010 Jan 24, 2011 1.000000 Dec 27, 2010 Jan 24, 2011 1.000000 Jan 25, 2011 Feb 24, 2011 1.000000 Mar 25, 2011 Mar 24, 2011 1.000000 Mar 25, 2011 Mar 24, 2011 1.000000 May 25, 2011 Mar 24, 2011 1.000000 May 25, 2011 May 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000	Jul 27, 2009	Aug 24, 2009	1.000000
Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000	Aug 25, 2009	Sep 24, 2009	1.000000
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Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Oct 26, 2009	Nov 24, 2009	1.000000
Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		Dec 24, 2009	1.000000
Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Dec 28, 2009	Jan 22, 2010	1.000000
Mar 25, 2010			1.000000
Apr 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		•	1.000000
May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		-	1.000000
Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000			1.000000
Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		·	1.000000
Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	-	<u> </u>	1.000000
Sep 27, 2010 Oct 22, 2010 1.000000 Oct 25, 2010 Nov 24, 2010 1.000000 Nov 26, 2010 Dec 23, 2010 1.000000 Dec 27, 2010 Jan 24, 2011 1.000000 Jan 25, 2011 Feb 24, 2011 1.000000 Feb 25, 2011 Mar 24, 2011 1.000000 Mar 25, 2011 Apr 22, 2011 1.000000 Apr 25, 2011 May 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000	-	<u> </u>	1.000000
Oct 25, 2010         Nov 24, 2010         1.000000           Nov 26, 2010         Dec 23, 2010         1.000000           Dec 27, 2010         Jan 24, 2011         1.000000           Jan 25, 2011         Feb 24, 2011         1.000000           Feb 25, 2011         Mar 24, 2011         1.000000           Mar 25, 2011         Apr 22, 2011         1.000000           Apr 25, 2011         May 24, 2011         1.000000           May 25, 2011         Jun 24, 2011         1.000000			
Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		·	
Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	-	·	
Jan 25, 2011 Feb 24, 2011 1.000000 Feb 25, 2011 Mar 24, 2011 1.000000 Mar 25, 2011 Apr 22, 2011 1.000000 Apr 25, 2011 May 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000			
Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		-	
Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		-	
Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	-	·	
May 25, 2011 Jun 24, 2011 1.000000	-		
lun 27, 2011 Jul 22, 2011	May 25, 2011	Jun 24, 2011	
	Jun 27, 2011	Jul 22, 2011	

## 1AF5B Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

#### 1AF6 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
		1.000000
May 25, 2010	Jun 24, 2010	0.996279
Jun 25, 2010	Jul 23, 2010	0.992407
Jul 26, 2010 Aug 25, 2010	Aug 24, 2010 Sep 24, 2010	0.990350
Sep 27, 2010	Oct 22, 2010	0.984195
		0.983405
Oct 25, 2010 Nov 26, 2010	Nov 24, 2010 Dec 23, 2010	0.979087
Dec 27, 2010	Jan 24, 2011	0.976012
Jan 25, 2011	Feb 24, 2011	0.974387
Feb 25, 2011	Mar 24, 2011	0.973174
Mar 25, 2011	Apr 22, 2011	0.965557
Apr 25, 2011	May 24, 2011	0.960339
May 25, 2011	Jun 24, 2011	0.954367
Jun 27, 2011	Jul 22, 2011	0.950281
	Ju. 22, 2011	0.944815

# 1AF6 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.941218
Aug 25, 2011	Sep 23, 2011	0.935755
Sep 26, 2011	Oct 24, 2011	0.927379
Oct 25, 2011	Nov 23, 2011	0.917989
Nov 25, 2011	Dec 23, 2011	0.916169
Dec 27, 2011	Jan 24, 2012	0.912152
Jan 25, 2012	Feb 24, 2012	0.907416
Feb 27, 2012	Mar 23, 2012	0.906419
Mar 26, 2012	Apr 24, 2012	0.900919
Apr 25, 2012	May 24, 2012	0.899001
May 25, 2012	Jun 22, 2012	0.896818
Jun 25, 2012	Jul 24, 2012	0.893259
Jul 25, 2012	Aug 24, 2012	0.878604
Aug 27, 2012	Sep 24, 2012	0.874263
Sep 25, 2012	Oct 24, 2012	0.868561
Oct 25, 2012	Nov 23, 2012	0.866273
Nov 26, 2012	Dec 24, 2012	0.862321
Dec 26, 2012	Jan 24, 2013	0.858361
Jan 25, 2013	Feb 22, 2013	0.851714
Feb 25, 2013	Mar 22, 2013	0.848895
Mar 25, 2013	Apr 24, 2013	0.841326
Apr 25, 2013	May 24, 2013	0.838033
May 28, 2013	Jun 24, 2013	0.832778
Jun 25, 2013	Jul 24, 2013	0.829701
Jul 25, 2013	Aug 23, 2013	0.822340
Aug 26, 2013	Sep 24, 2013	0.816843
Sep 25, 2013	Oct 24, 2013	0.814360
Oct 25, 2013	Nov 22, 2013	0.812663
Nov 25, 2013	Dec 24, 2013	0.805160
Dec 26, 2013	Jan 24, 2014	0.801617
Jan 27, 2014	Feb 24, 2014	0.796758
Feb 25, 2014	Mar 24, 2014	0.792490
Mar 25, 2014	Apr 24, 2014	0.791543
Apr 25, 2014	May 23, 2014	0.787111
May 27, 2014	Jun 24, 2014	0.783434
Jun 25, 2014	Jul 24, 2014	0.780087
Jul 25, 2014	Aug 22, 2014	0.775073
Aug 25, 2014	Sep 24, 2014	0.766670
Sep 25, 2014	Oct 24, 2014	0.763971
Oct 27, 2014	Nov 24, 2014	0.761955
Nov 25, 2014	Dec 24, 2014	0.760503
Dec 26, 2014	Jan 23, 2015	0.756816
Jan 26, 2015	Feb 24, 2015	0.752280
Feb 25, 2015	Mar 24, 2015	0.744020
Mar 25, 2015	Apr 24, 2015	0.741506
Apr 27, 2015	May 22, 2015	0.736761
May 26, 2015	Jun 24, 2015	0.728578
Jun 25, 2015		0.725598

#### 1AF7A Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	0.995348
Jun 25, 2010	Jul 23, 2010	0.990508
Jul 26, 2010	Aug 24, 2010	0.987937
Aug 25, 2010	Sep 24, 2010	0.980243
Sep 27, 2010	Oct 22, 2010	0.979256
Oct 25, 2010	Nov 24, 2010	0.973858
Nov 26, 2010	Dec 23, 2010	0.970015
Dec 27, 2010	Jan 24, 2011	0.967983
Jan 25, 2011	Feb 24, 2011	0.966467
Feb 25, 2011	Mar 24, 2011	0.956945
Mar 25, 2011	Apr 22, 2011	0.950423
Apr 25, 2011	May 24, 2011	0.942958
May 25, 2011	Jun 24, 2011	0.937850
Jun 27, 2011	Jul 22, 2011	0.931018

## 1AF7A Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.926522
Aug 25, 2011	Sep 23, 2011	0.919693
Sep 26, 2011	Oct 24, 2011	0.909223
Oct 25, 2011	Nov 23, 2011	0.897485
Nov 25, 2011	Dec 23, 2011	0.895210
Dec 27, 2011	Jan 24, 2012	0.890188
Jan 25, 2012	Feb 24, 2012	0.884269
Feb 27, 2012	Mar 23, 2012	0.883023
Mar 26, 2012	Apr 24, 2012	0.876147
Apr 25, 2012	May 24, 2012	0.873750
May 25, 2012	Jun 22, 2012	0.871021
Jun 25, 2012	Jul 24, 2012	0.866572
Jul 25, 2012	Aug 24, 2012	0.848254
Aug 27, 2012	Sep 24, 2012	0.842827
Sep 25, 2012	Oct 24, 2012	0.835700
Oct 25, 2012	Nov 23, 2012	0.832839
Nov 26, 2012	Dec 24, 2012	0.827900
Dec 26, 2012	Jan 24, 2013	0.822949
Jan 25, 2013	Feb 22, 2013	0.814641
Feb 25, 2013	Mar 22, 2013	0.811117
Mar 25, 2013	Apr 24, 2013	0.801655
Apr 25, 2013	May 24, 2013	0.797539
May 28, 2013	Jun 24, 2013	0.790971
Jun 25, 2013	Jul 24, 2013	0.787124
Jul 25, 2013	Aug 23, 2013	0.777923
Aug 26, 2013	Sep 24, 2013	0.771051
Sep 25, 2013	Oct 24, 2013	0.767948
Oct 25, 2013	Nov 22, 2013	0.765826
Nov 25, 2013	Dec 24, 2013	0.756447
Dec 26, 2013	Jan 24, 2014	0.752019
Jan 27, 2014	Feb 24, 2014	0.745945
Feb 25, 2014	Mar 24, 2014	0.740610
Mar 25, 2014	Apr 24, 2014	0.739426
Apr 25, 2014	May 23, 2014	0.733886
May 27, 2014	Jun 24, 2014	0.729290
Jun 25, 2014	Jul 24, 2014	0.725106
Jul 25, 2014	Aug 22, 2014	0.718838
Aug 25, 2014	Sep 24, 2014	0.708335
Sep 25, 2014	Oct 24, 2014	0.704961
Oct 27, 2014	Nov 24, 2014	0.702441
Nov 25, 2014	Dec 24, 2014	0.700626
Dec 26, 2014	Jan 23, 2015	0.696017
Jan 26, 2015	Feb 24, 2015	0.690347
Feb 25, 2015	Mar 24, 2015	0.680022
Mar 25, 2015	Apr 24, 2015	0.676880
Apr 27, 2015	May 22, 2015	0.670948
May 26, 2015	Jun 24, 2015	0.660719
Jun 25, 2015		0.656994

#### 1AF7B Certificate Factor Chart

May 24, 2007   1.000000   May 25, 2007   Jun 22, 2007   1.000000   Jun 25, 2007   Jun 22, 2007   1.000000   Jun 25, 2007   Jul 24, 2007   1.000000   Jul 25, 2007   Aug 24, 2007   1.000000   Aug 27, 2007   Sep 24, 2007   1.000000   Aug 27, 2007   Nov 23, 2007   1.000000   Oct 25, 2007   Nov 23, 2007   1.000000   Dec 26, 2007   Jan 24, 2008   1.000000   Jan 25, 2008   Feb 22, 2008   1.000000   Feb 25, 2008   May 24, 2008   1.000000   May 25, 2008   Aug 27, 2008   Jun 24, 2008   1.000000   May 27, 2008   Jun 24, 2008   1.000000   Jun 25, 2008   Aug 22, 2008   1.000000   Jun 25, 2008   Jun 24, 2008   1.000000   Jun 25, 2008   Aug 22, 2008   1.000000   Aug 25, 2008   Sep 24, 2008   1.000000   Sep 25, 2008   Oct 24, 2008   1.000000   Oct 27, 2008   Nov 24, 2008   1.000000   Oct 27, 2008   Jun 24, 2008   1.000000   Oct 27, 2008   Jun 24, 2009   1.000000   Dec 26, 2008   Jan 23, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Jun 24, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Jun 24, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2009   Aug 25, 2009   Aug 24, 2009   1.000000   Aug 25, 2010   Aug 24, 2010   1.000000   Aug 25, 2010   Aug 24, 2010   1.000000   Aug 25, 2010   Aug 24, 2010   1.000000   Aug 25, 2010   Aug 2	From	То	<u>Factor</u>
May 25, 2007		_	
Jun 25, 2007  Jul 24, 2007  Jul 25, 2007  Aug 24, 2007  Jul 25, 2007  Aug 27, 2007  Sep 24, 2007  Jul 200000  Sep 25, 2007  Oct 24, 2007  Jul 2000000  Nov 26, 2007  Dec 26, 2007  Jul 24, 2008  Jul 25, 2008  Feb 22, 2008  Jul 24, 2008  Jul 25, 2008  Mar 24, 2008  Jul 25, 2008  Mar 24, 2008  Jul 24, 2008  Jul 25, 2008  Mar 24, 2008  Jul 24, 2008  Jul 25, 2008  Mar 27, 2008  Jul 24, 2008  Jul 24, 2008  Jul 25, 2008  Jul 24, 2008  Jul 25, 2008  Jul 24, 2008  Jul 25, 2008  Jul 26, 2008  Jul 27, 2008  Jul 28, 2008  Jul 29, 2008  Jul 29, 2008  Jul 2008  Jul 2009  Jul 2008  Jul 2008  Jul 2009  Jul 200	May 25, 2007	Jun 22, 2007	
Aug 27, 2007  Sep 24, 2007  1.000000  Sep 25, 2007  Oct 24, 2007  1.000000  Oct 25, 2007  Nov 23, 2007  1.000000  Dec 26, 2007  Dec 24, 2007  1.000000  Dec 26, 2007  Jan 24, 2008  1.000000  Jan 25, 2008  Feb 22, 2008  Mar 24, 2008  1.000000  Mar 25, 2008  May 27, 2008  May 23, 2008  May 27, 2008  Jul 24, 2008  Jul 25, 2008  May 27, 2008  Jul 24, 2008  Jul 25, 2008  Aug 22, 2008  Aug 22, 2008  L000000  Sep 25, 2008  Aug 22, 2008  Aug 22, 2008  L000000  Sep 25, 2008  Aug 22, 2008  L000000  Sep 25, 2008  Oct 24, 2008  L000000  Sep 25, 2008  Oct 24, 2008  L000000  Dec 26, 2008  Jul 25, 2008  Dec 24, 2008  Jul 26, 2009  Jul 26, 2009  Feb 24, 2009  Jul 26, 2009  Jul 27, 2009  May 27, 2009  May 28, 2009  Jul 24, 2009  Jul 29, 2009  Jul 24, 2009  Jul 29, 2009  Jul 29, 2009  Jul 24, 2009  Jul 29, 2009  Jul 24, 2009  Jul 29, 2009  Jul 27, 2009  May 26, 2009  Jul 24, 2009  Jul 24, 2009  Jul 27, 2009  May 26, 2009  Jul 24, 2009  Jul 27, 2009  Jul 28, 2009  Jul 28, 2009  Jul 29, 2000  Jul 20, 2	Jun 25, 2007	Jul 24, 2007	1.000000
Aug 27, 2007 Sep 24, 2007 1.000000  Sep 25, 2007 Oct 24, 2007 1.000000  Oct 25, 2007 Nov 23, 2007 1.000000  Nov 26, 2007 Dec 24, 2007 1.000000  Dec 26, 2007 Jan 24, 2008 1.000000  Jan 25, 2008 Feb 22, 2008 1.000000  Feb 25, 2008 Mar 24, 2008 1.000000  Mar 25, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jul 25, 2008 Aug 22, 2008 1.000000  Aug 25, 2008 Sep 24, 2008 1.000000  Sep 25, 2008 Oct 24, 2008 1.000000  Oct 27, 2008 Nov 24, 2008 1.000000  Nov 25, 2008 Dec 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Dec 26, 2009 Feb 24, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000  Apr 27, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Apr 27, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 Jun 24, 2009 1.000000  Apr 28, 2009 Jun 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Aug 25, 2009 Dec 24, 2009 1.000000  Apr 26, 2010 Mar 24, 2010 1.000000  Apr 25, 2010 Jun 24, 2011 1.000000  Apr 25, 2011 Jun 24, 2011 1.000000  Apr 25, 2011 Jun 24, 2011 1.0000000  Apr 25, 2011 Jun 24, 2011 1.0000000  Apr 25, 2011 Jun 24, 2011 1.	Jul 25, 2007	Aug 24, 2007	
Sep 25, 2007 Oct 24, 2007 1.000000 Oct 25, 2007 Nov 23, 2007 1.000000 Nov 26, 2007 Dec 24, 2007 1.000000 Dec 26, 2007 Jan 24, 2008 1.000000 Jan 25, 2008 Feb 22, 2008 1.000000 Feb 25, 2008 Mar 24, 2008 1.000000 Mar 25, 2008 May 23, 2008 1.000000 May 27, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 May 23, 2008 1.000000 Jun 25, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 Jun 24, 2008 1.000000 Jun 25, 2008 Aug 22, 2008 1.000000 Jun 25, 2008 Sep 24, 2008 1.000000 Sep 25, 2008 Oct 24, 2008 1.000000 Oct 27, 2008 Nov 24, 2008 1.000000 Nov 25, 2008 Dec 24, 2008 1.000000 Dec 26, 2008 Jan 23, 2009 1.000000 Dec 26, 2008 Jan 23, 2009 1.000000 Jan 26, 2009 Feb 24, 2009 1.000000 Feb 25, 2009 Mar 24, 2009 1.000000 Mar 25, 2009 May 22, 2009 1.000000 Apr 27, 2009 May 22, 2009 1.000000 May 26, 2009 Jun 24, 2009 1.000000 Jun 25, 2009 Sep 24, 2009 1.000000 Dec 28, 2009 Jun 24, 2009 1.000000 Aug 25, 2009 Jun 24, 2009 1.000000 Aug 25, 2009 Sep 24, 2009 1.000000 Dec 28, 2009 Jan 22, 2010 1.000000 May 25, 2010 May 24, 2010 1.000000 May 25, 2010 May 24, 2010 1.000000 Dec 28, 2010 May 24, 2010 1.000000 Dec 27, 2010 Jun 24, 2011 1.000000 Dec 27, 2010 Jan 24, 2011 1.000000 Dec 27, 2011 Jan 24, 2011 1.000000	Aug 27, 2007	Sep 24, 2007	
Oct 25, 2007         Nov 23, 2007         1.000000           Nov 26, 2007         Dec 24, 2007         1.000000           Dec 26, 2007         Jan 24, 2008         1.000000           Jan 25, 2008         Feb 22, 2008         1.000000           Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Jul 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Mar 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009 <t< td=""><td>Sep 25, 2007</td><td>Oct 24, 2007</td><td></td></t<>	Sep 25, 2007	Oct 24, 2007	
Nov 26, 2007 Dec 24, 2008 1.000000  Dec 26, 2007 Jan 24, 2008 1.000000  Jan 25, 2008 Feb 22, 2008 1.000000  Feb 25, 2008 Mar 24, 2008 1.000000  Mar 25, 2008 Apr 24, 2008 1.000000  Apr 25, 2008 May 23, 2008 1.000000  May 27, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jul 25, 2008 Aug 22, 2008 1.000000  Aug 25, 2008 Sep 24, 2008 1.000000  Sep 25, 2008 Oct 24, 2008 1.000000  Nov 25, 2008 Dec 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Peb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Jul 24, 2009 1.000000  Mar 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Mar 25, 2009 Jul 24, 2009 1.000000  Mar 25, 2009 Jul 24, 2009 1.000000  Aug 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Mar 24, 2010 1.000000  Aug 25, 2010 Jul 23, 2011 1.000000  Aug 25, 2011 Jul 24, 2011 1.00	Oct 25, 2007	Nov 23, 2007	1.000000
Jan 25, 2008	Nov 26, 2007	Dec 24, 2007	
Feb 25, 2008	Dec 26, 2007	Jan 24, 2008	1.000000
Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jun 24, 2008         1.000000           Jun 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Feb 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         Mar 24, 2009         1.000000           Apr 27, 2009         May 22, 2009         1.000000           May 26, 2009         Jun 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009 <t< td=""><td>Jan 25, 2008</td><td>Feb 22, 2008</td><td>1.000000</td></t<>	Jan 25, 2008	Feb 22, 2008	1.000000
Apr 25, 2008	Feb 25, 2008	Mar 24, 2008	
May 27, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jul 25, 2008 Aug 22, 2008 1.000000  Aug 25, 2008 Sep 24, 2008 1.000000  Oct 27, 2008 Nov 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Feb 25, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jul 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jul 27, 2009 Mag 24, 2009 1.000000  Jul 27, 2009 Mag 24, 2009 1.000000  Jun 25, 2009 Jun 24, 2009 1.000000  Aug 25, 2009 Jun 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Mar 25, 2010 Feb 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  Jun 25, 2010 Jun 24, 2010 1.000000  Aug 25, 2010 May 24, 2010 1.000000  Aug 25, 2010 May 24, 2010 1.000000  Dec 27, 2010 Jun 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 May 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Jun 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 May 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Aug 24, 2010 1.000000  Aug 25, 2011 Aug 24, 2011 1.0000000	Mar 25, 2008	Apr 24, 2008	1.000000
Jun 25, 2008  Jul 24, 2008  Jul 25, 2008  Aug 25, 2008  Sep 24, 2008  Aug 25, 2008  Sep 25, 2008  Oct 24, 2008  1.000000  Nov 25, 2008  Dec 24, 2008  Jul 26, 2009  Jul 27, 2009  Jul 27, 2009  Jul 27, 2009  Aug 25, 2009  Aug 25, 2009  Jul 24, 2009  Jul 27, 2009  Aug 25, 2009  Aug 25, 2009  Jul 24, 2009  Jul 27, 2009  Jul 27, 2009  Aug 25, 2009  Jul 24, 2009  Jul 27, 2009  Jul 27, 2009  Aug 25, 2009  Jul 27, 2009  Aug 25, 2009  Aug 25, 2009  Jul 27, 2009  Aug 25, 2009  Aug 26, 2009  Aug 27, 2009  Aug 28, 2009  Aug 28, 2009  Aug 29, 2009  Aug 29, 2009  Aug 20000  Aug 2	Apr 25, 2008	May 23, 2008	1.000000
Jul 25, 2008	May 27, 2008	Jun 24, 2008	1.000000
Aug 25, 2008	Jun 25, 2008	Jul 24, 2008	1.000000
Sep 25, 2008 Oct 24, 2008 1.000000 Oct 27, 2008 Nov 24, 2008 1.000000 Nov 25, 2008 Dec 24, 2008 1.000000 Dec 26, 2008 Jan 23, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000 Feb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Aug 27, 2009 Aug 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Jul 24, 2009 1.000000  Sep 25, 2009 Sep 24, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Jul 23, 2010 1.000000  Dec 27, 2010 Aug 24, 2010 1.000000  Dec 27, 2010 Jul 23, 2010 1.000000  Dec 27, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jul 23, 2010 1.000000  Dec 27, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Aug 25, 2011 Mar 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Aug 25, 2011 Mar 24, 2011 1.000000  Aug 25, 2011 Mar 24, 2011 1.000000  Aug 25, 2011 Mar 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2011 Jan 24, 2011 1.000000	Jul 25, 2008	Aug 22, 2008	1.000000
Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Feb 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         Apr 24, 2009         1.000000           May 26, 2009         Jun 24, 2009         1.000000           Jun 25, 2009         Jul 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009         Sep 24, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Nov 25, 2009         Dec 24, 2009         1.000000           Nov 25, 2009         Dec 24, 2009         1.000000           Nov 25, 2009         Dec 24, 2009         1.000000           Dec 28, 2009         Jan 22, 2010         1.000000           Jan 25, 2010         Feb 24, 2010         1.000000           Mar 25, 2010         Mar 24, 2010         1.000000           May 26, 2010         May 24, 2010         1.000000           May 27, 2010 <t< td=""><td>Aug 25, 2008</td><td>Sep 24, 2008</td><td>1.000000</td></t<>	Aug 25, 2008	Sep 24, 2008	1.000000
Nov 25, 2008 Dec 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000  Feb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  May 26, 2009 Jul 24, 2009 1.000000  Jun 25, 2009 Aug 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Feb 25, 2010 Feb 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  May 25, 2010 Jul 24, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  Dec 27, 2010 Jul 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000	Sep 25, 2008	Oct 24, 2008	1.000000
Dec 26, 2008 Jan 23, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000  Feb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Apr 24, 2009 1.000000  Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  May 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Dec 27, 2010 Jan 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000	Oct 27, 2008	Nov 24, 2008	1.000000
Jan 26, 2009 Feb 24, 2009 1.000000  Mar 25, 2009 Mar 24, 2009 1.000000  Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Aug 25, 2009 Jul 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Mar 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Jul 24, 2010 1.000000  Aug 25, 2010 Jul 24, 2010 1.000000  Aug 25, 2010 Jul 24, 2010 1.000000  Aug 25, 2010 Jan 24, 2010 1.000000  Aug 25, 2010 Jan 24, 2010 1.000000  Feb 27, 2010 Jan 24, 2011 1.000000  Aug 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Apr 25, 2011 Mar 24, 2011 1.000000  Apr 25, 2011 Mar 24, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  Apr 25, 2011 Jun 24, 2011 1.000000	Nov 25, 2008	Dec 24, 2008	1.000000
Feb 25, 2009	Dec 26, 2008	Jan 23, 2009	1.000000
Mar 25, 2009	Jan 26, 2009	Feb 24, 2009	1.000000
Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  Jun 25, 2010 May 24, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 Jan 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Feb 25, 2009	Mar 24, 2009	1.000000
May 26, 2009  Jun 24, 2009  Jun 25, 2009  Jul 27, 2009  Aug 24, 2009  Aug 24, 2009  1.000000  Aug 25, 2009  Sep 24, 2009  1.000000  Sep 25, 2009  Oct 23, 2009  Dec 24, 2009  Jun 26, 2010  Jun 27, 2010  Aug 24, 2010  Jun 28, 2010  Aug 28, 2010  Aug 29, 2010  Aug 29, 2010  Aug	Mar 25, 2009	Apr 24, 2009	1.000000
Jun 25, 2009  Jul 24, 2009  Jul 27, 2009  Aug 24, 2009  Aug 25, 2009  Sep 24, 2009  1.000000  Sep 25, 2009  Oct 23, 2009  Dec 26, 2009  Jul 27, 2009  Nov 24, 2009  1.000000  Nov 25, 2009  Dec 28, 2009  Jan 22, 2010  Jan 25, 2010  Feb 24, 2010  Apr 25, 2010  May 24, 2010  Jun 25, 2010  May 24, 2010  Jun 25, 2010  May 24, 2010  Jun 25, 2010  Jun 24, 2010  Jun 25, 2010  Jun 25, 2010  Jun 26, 2010  Jun 27, 2010  Jul 28, 2010  Aug 29, 2010  Aug 29, 2010  Aug 25, 2010  Aug 25, 2010  Aug 26, 2010  Aug 27, 2010  Jun 28, 2010  Jun 29, 2010  Aug 29, 2010  Aug 29, 2010  Nov 20, 2010  Nov 20, 2010  Nov 20, 2010  Nov 20, 2010  Jun 20, 2010  Nov 20, 2010  Nov 20, 2010  Jun 20, 2010  Nov 20, 2010  Jun 20, 2010  Jun 20, 2010  Aug 20, 2010  Aug 20, 2010  Nov 20, 2010  Jun 20, 2010  Jun 20, 2010  Nov 20, 2010  Jun 20, 2011	Apr 27, 2009	May 22, 2009	1.000000
Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	May 26, 2009	Jun 24, 2009	1.000000
Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Mar 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 May 24, 2010 1.000000  Mar 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Aug 25, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Jun 25, 2009	Jul 24, 2009	1.000000
Sep 25, 2009 Oct 23, 2009 1.000000 Oct 26, 2009 Nov 24, 2009 1.000000 Nov 25, 2009 Dec 24, 2009 1.000000 Dec 28, 2009 Jan 22, 2010 1.000000 Jan 25, 2010 Feb 24, 2010 1.000000 Mar 25, 2010 Mar 24, 2010 1.000000 Mar 25, 2010 May 24, 2010 1.000000 May 25, 2010 May 24, 2010 1.000000 May 25, 2010 Jun 24, 2010 1.000000 Jun 25, 2010 Jul 23, 2010 1.000000 Jul 26, 2010 Aug 24, 2010 1.000000 Jul 26, 2010 Aug 24, 2010 1.000000 Sep 27, 2010 Oct 22, 2010 1.000000 Sep 27, 2010 Oct 22, 2010 1.000000 Oct 25, 2010 Nov 24, 2010 1.000000 Nov 26, 2010 Dec 23, 2010 1.000000 Dec 27, 2010 Jan 24, 2011 1.000000 Dec 27, 2010 Jan 24, 2011 1.000000 Jan 25, 2011 Feb 24, 2011 1.000000 Mar 25, 2011 Mar 24, 2011 1.000000 Mar 25, 2011 Mar 24, 2011 1.000000 May 25, 2011 Mar 24, 2011 1.000000 May 25, 2011 May 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000	Jul 27, 2009	Aug 24, 2009	1.000000
Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  May 25, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000	Aug 25, 2009	Sep 24, 2009	1.000000
Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  May 26, 2010 May 24, 2010 1.000000  Jun 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 Mar 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Sep 25, 2009	Oct 23, 2009	1.000000
Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Oct 26, 2009	Nov 24, 2009	1.000000
Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Mar 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		Dec 24, 2009	1.000000
Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010 1.000000  Apr 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	Dec 28, 2009	Jan 22, 2010	1.000000
Mar 25, 2010			1.000000
Apr 26, 2010 May 24, 2010 1.000000  May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		•	1.000000
May 25, 2010 Jun 24, 2010 1.000000  Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		-	1.000000
Jun 25, 2010 Jul 23, 2010 1.000000  Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000			1.000000
Jul 26, 2010 Aug 24, 2010 1.000000  Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		·	1.000000
Aug 25, 2010 Sep 24, 2010 1.000000  Sep 27, 2010 Oct 22, 2010 1.000000  Oct 25, 2010 Nov 24, 2010 1.000000  Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	-	<u> </u>	1.000000
Sep 27, 2010 Oct 22, 2010 1.000000 Oct 25, 2010 Nov 24, 2010 1.000000 Nov 26, 2010 Dec 23, 2010 1.000000 Dec 27, 2010 Jan 24, 2011 1.000000 Jan 25, 2011 Feb 24, 2011 1.000000 Feb 25, 2011 Mar 24, 2011 1.000000 Mar 25, 2011 Apr 22, 2011 1.000000 Apr 25, 2011 May 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000	-	<u> </u>	1.000000
Oct 25, 2010         Nov 24, 2010         1.000000           Nov 26, 2010         Dec 23, 2010         1.000000           Dec 27, 2010         Jan 24, 2011         1.000000           Jan 25, 2011         Feb 24, 2011         1.000000           Feb 25, 2011         Mar 24, 2011         1.000000           Mar 25, 2011         Apr 22, 2011         1.000000           Apr 25, 2011         May 24, 2011         1.000000           May 25, 2011         Jun 24, 2011         1.000000			
Nov 26, 2010 Dec 23, 2010 1.000000  Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		·	
Dec 27, 2010 Jan 24, 2011 1.000000  Jan 25, 2011 Feb 24, 2011 1.000000  Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	-	·	
Jan 25, 2011 Feb 24, 2011 1.000000 Feb 25, 2011 Mar 24, 2011 1.000000 Mar 25, 2011 Apr 22, 2011 1.000000 Apr 25, 2011 May 24, 2011 1.000000 May 25, 2011 Jun 24, 2011 1.000000			
Feb 25, 2011 Mar 24, 2011 1.000000  Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		-	
Mar 25, 2011 Apr 22, 2011 1.000000  Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000		-	
Apr 25, 2011 May 24, 2011 1.000000  May 25, 2011 Jun 24, 2011 1.000000	-	·	
May 25, 2011 Jun 24, 2011 1.000000	-		
lun 27, 2011 Jul 22, 2011	May 25, 2011	Jun 24, 2011	
	Jun 27, 2011	Jul 22, 2011	

# 1AF7B Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

#### 1M1 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	0.879213
Sep 27, 2010	Oct 22, 2010	0.569722
Oct 25, 2010	Nov 24, 2010	0.450871
Nov 26, 2010	Dec 23, 2010	0.278422
Dec 27, 2010	Jan 24, 2011	0.230378
Jan 25, 2011	Feb 24, 2011	0.004884
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

## 1M1 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### 1M2 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	0.917145
Jun 25, 2010	Jul 23, 2010	0.608422
Jul 26, 2010	Aug 24, 2010	0.235337
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

## 1M2 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### 1M3 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	0.472264
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

## 1M3 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## 1M4 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	0.849477
Apr 26, 2010	May 24, 2010	0.055497
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

## 1M4 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### 1M5 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	0.717135
Feb 25, 2010	Mar 24, 2010	0.608474
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

## 1M5 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### 1M6 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	0.649221
Nov 25, 2009	Dec 24, 2009	0.147095
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

## 1M6 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

# 1B1 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
		1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	0.723482
Sep 25, 2009	Oct 23, 2009	0.336488
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

# 1B1 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

# 1B2 Certificate Factor Chart

From	То	Factor
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	0.396533
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

# 1B2 Certificate Factor Chart

From	То	Factor
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### 1B3 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	0.446452
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

# 1B3 Certificate Factor Chart

From	То	Factor
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### 2A1A Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.972407
Jun 25, 2007	Jul 24, 2007	0.952225
Jul 25, 2007	Aug 24, 2007	0.921612
Aug 27, 2007	Sep 24, 2007	0.901404
Sep 25, 2007	Oct 24, 2007	0.884488
Oct 25, 2007	Nov 23, 2007	0.873265
Nov 26, 2007	Dec 24, 2007	0.862098
Dec 26, 2007	Jan 24, 2008	0.851950
Jan 25, 2008	Feb 22, 2008	0.842089
Feb 25, 2008	Mar 24, 2008	0.835041
Mar 25, 2008	Apr 24, 2008	0.814549
Apr 25, 2008	May 23, 2008	0.803663
May 27, 2008	Jun 24, 2008	0.789676
Jun 25, 2008	Jul 24, 2008	0.771464
Jul 25, 2008	Aug 22, 2008	0.756241
Aug 25, 2008	Sep 24, 2008	0.731366
Sep 25, 2008	Oct 24, 2008	
Oct 27, 2008	Nov 24, 2008	0.713850
Nov 25, 2008	Dec 24, 2008	0.700577
Dec 26, 2008	Jan 23, 2009	0.684667
Jan 26, 2009	Feb 24, 2009	0.672152
Feb 25, 2009	Mar 24, 2009	0.656745
Mar 25, 2009	Apr 24, 2009	0.640246
Apr 27, 2009	May 22, 2009	0.624725
May 26, 2009	Jun 24, 2009	0.610081
Jun 25, 2009	Jul 24, 2009	0.590559
Jul 27, 2009	Aug 24, 2009	0.571649
Aug 25, 2009	Sep 24, 2009	0.550080
Sep 25, 2009	Oct 23, 2009	0.519089
Oct 26, 2009	Nov 24, 2009	0.501092
Nov 25, 2009	Dec 24, 2009	0.485281
Dec 28, 2009	Jan 22, 2010	0.468536
Jan 25, 2010	Feb 24, 2010	0.453190
Feb 25, 2010	Mar 24, 2010	0.429051
Mar 25, 2010	Apr 23, 2010	0.414502
Apr 26, 2010	May 24, 2010	0.397429
May 25, 2010	Jun 24, 2010	0.381984
Jun 25, 2010	Jul 23, 2010	0.367535
Jul 26, 2010	Aug 24, 2010	0.352066
Aug 25, 2010	Sep 24, 2010	0.335044
Sep 27, 2010	Oct 22, 2010	0.320672
Oct 25, 2010	Nov 24, 2010	0.304614
Nov 26, 2010	Dec 23, 2010	0.296957 0.285128
Dec 27, 2010	Jan 24, 2011	0.272146
Jan 25, 2011	Feb 24, 2011	0.256334
Feb 25, 2011	Mar 24, 2011	0.248831
Mar 25, 2011	Apr 22, 2011	0.240416
Apr 25, 2011	May 24, 2011	0.236560
May 25, 2011	Jun 24, 2011	0.233508
Jun 27, 2011	Jul 22, 2011	0.231278

# 2A1A Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.227808
Aug 25, 2011	Sep 23, 2011	0.223968
Sep 26, 2011	Oct 24, 2011	0.221206
Oct 25, 2011	Nov 23, 2011	0.217813
Nov 25, 2011	Dec 23, 2011	0.215931
Dec 27, 2011	Jan 24, 2012	0.212218
Jan 25, 2012	Feb 24, 2012	0.210048
Feb 27, 2012	Mar 23, 2012	0.208531
Mar 26, 2012	Apr 24, 2012	0.206399
Apr 25, 2012	May 24, 2012	0.204580
May 25, 2012	Jun 22, 2012	0.203341
Jun 25, 2012	Jul 24, 2012	0.200659
Jul 25, 2012	Aug 24, 2012	0.197891
Aug 27, 2012	Sep 24, 2012	0.196601
Sep 25, 2012	Oct 24, 2012	0.193807
Oct 25, 2012	Nov 23, 2012	0.191628
Nov 26, 2012	Dec 24, 2012	0.189586
Dec 26, 2012	Jan 24, 2013	0.187777
Jan 25, 2013	Feb 22, 2013	0.185792
Feb 25, 2013	Mar 22, 2013	0.183221
Mar 25, 2013	Apr 24, 2013	0.181308
Apr 25, 2013	May 24, 2013	0.179627
May 28, 2013	Jun 24, 2013	0.178282
Jun 25, 2013	Jul 24, 2013	0.175114
Jul 25, 2013	Aug 23, 2013	0.173136
Aug 26, 2013	Sep 24, 2013	0.170855
Sep 25, 2013	Oct 24, 2013	0.169870
Oct 25, 2013	Nov 22, 2013	0.167894
Nov 25, 2013	Dec 24, 2013	0.166785
Dec 26, 2013	Jan 24, 2014	0.166069
Jan 27, 2014	Feb 24, 2014	0.165212
Feb 25, 2014	Mar 24, 2014	0.164941
Mar 25, 2014	Apr 24, 2014	0.164762
Apr 25, 2014	May 23, 2014	0.164195
May 27, 2014	Jun 24, 2014	0.163761
Jun 25, 2014	Jul 24, 2014	0.162208
Jul 25, 2014	Aug 22, 2014	0.160351
Aug 25, 2014	Sep 24, 2014	0.158201
Sep 25, 2014	Oct 24, 2014	0.157392
Oct 27, 2014	Nov 24, 2014	0.156131
Nov 25, 2014	Dec 24, 2014	0.154438
Dec 26, 2014	Jan 23, 2015	0.153919
Jan 26, 2015	Feb 24, 2015	0.152540
Feb 25, 2015	Mar 24, 2015	0.150924
Mar 25, 2015	Apr 24, 2015	0.149292
Apr 27, 2015	May 22, 2015	0.148498
May 26, 2015	Jun 24, 2015	0.146827
Jun 25, 2015		0.145861

#### 2A1B Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.972407
Jun 25, 2007	Jul 24, 2007	0.952225
Jul 25, 2007	Aug 24, 2007	0.921612
Aug 27, 2007	Sep 24, 2007	0.901404
Sep 25, 2007	Oct 24, 2007	0.884488
Oct 25, 2007	Nov 23, 2007	0.873265
Nov 26, 2007	Dec 24, 2007	0.862098
Dec 26, 2007	Jan 24, 2008	0.851950
Jan 25, 2008	Feb 22, 2008	0.842089
Feb 25, 2008	Mar 24, 2008	0.835041
Mar 25, 2008	Apr 24, 2008	0.814549
Apr 25, 2008	May 23, 2008	0.803663
May 27, 2008	Jun 24, 2008	0.789676
Jun 25, 2008	Jul 24, 2008	0.771464
Jul 25, 2008	Aug 22, 2008	0.756241
Aug 25, 2008	Sep 24, 2008	0.756241
Sep 25, 2008	Oct 24, 2008	0.756241
Oct 27, 2008	Nov 24, 2008	0.756241
Nov 25, 2008	Dec 24, 2008	0.756241
Dec 26, 2008	Jan 23, 2009	0.756241
Jan 26, 2009	Feb 24, 2009	0.756241
Feb 25, 2009	Mar 24, 2009	0.756241
Mar 25, 2009	Apr 24, 2009	0.756241
Apr 27, 2009	May 22, 2009	0.756241
May 26, 2009	Jun 24, 2009	0.756241
Jun 25, 2009	Jul 24, 2009	0.756241
Jul 27, 2009	Aug 24, 2009	0.756241
Aug 25, 2009	Sep 24, 2009	0.756241
Sep 25, 2009	Oct 23, 2009	0.756241
Oct 26, 2009	Nov 24, 2009	0.756241
Nov 25, 2009	Dec 24, 2009	0.756241
Dec 28, 2009	Jan 22, 2010	0.756241
Jan 25, 2010	Feb 24, 2010	0.756241
Feb 25, 2010	Mar 24, 2010	0.756241
Mar 25, 2010	Apr 23, 2010	0.756241
Apr 26, 2010	May 24, 2010	0.756241
May 25, 2010	Jun 24, 2010	0.756241
Jun 25, 2010	Jul 23, 2010	0.756241
Jul 26, 2010	Aug 24, 2010	0.756241
Aug 25, 2010	Sep 24, 2010	0.756241
Sep 27, 2010	Oct 22, 2010	0.756241
Oct 25, 2010	Nov 24, 2010	0.756241
Nov 26, 2010	Dec 23, 2010	0.756241
Dec 27, 2010	Jan 24, 2011	0.756241
Jan 25, 2011	Feb 24, 2011	0.756241
Feb 25, 2011	Mar 24, 2011	0.756241
Mar 25, 2011	Apr 22, 2011	0.756241
Apr 25, 2011	May 24, 2011	0.756241
May 25, 2011	Jun 24, 2011	0.756241
Jun 27, 2011	Jul 22, 2011	0.756241

#### 2A1B Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.756241
Aug 25, 2011	Sep 23, 2011	0.756241
Sep 26, 2011	Oct 24, 2011	0.756241
Oct 25, 2011	Nov 23, 2011	0.756241
Nov 25, 2011	Dec 23, 2011	0.756241
Dec 27, 2011	Jan 24, 2012	0.756241
Jan 25, 2012	Feb 24, 2012	0.756241
Feb 27, 2012	Mar 23, 2012	0.756241
Mar 26, 2012	Apr 24, 2012	0.756241
Apr 25, 2012	May 24, 2012	0.756241
May 25, 2012	Jun 22, 2012	0.756241
Jun 25, 2012	Jul 24, 2012	0.756241
Jul 25, 2012	Aug 24, 2012	0.756241
Aug 27, 2012	Sep 24, 2012	0.756241
Sep 25, 2012	Oct 24, 2012	0.756241
Oct 25, 2012	Nov 23, 2012	0.756241
Nov 26, 2012	Dec 24, 2012	0.756241
Dec 26, 2012	Jan 24, 2013	0.756241
Jan 25, 2013	Feb 22, 2013	0.756241
Feb 25, 2013	Mar 22, 2013	0.756241
Mar 25, 2013	Apr 24, 2013	0.756241
Apr 25, 2013	May 24, 2013	0.756241
May 28, 2013	Jun 24, 2013	0.756241
Jun 25, 2013	Jul 24, 2013	0.756241
Jul 25, 2013	Aug 23, 2013	0.756241
Aug 26, 2013	Sep 24, 2013	0.756241
Sep 25, 2013	Oct 24, 2013	0.756241
Oct 25, 2013	Nov 22, 2013	0.756241
Nov 25, 2013	Dec 24, 2013	0.756241
Dec 26, 2013	Jan 24, 2014	0.756241
Jan 27, 2014	Feb 24, 2014	0.756241
Feb 25, 2014	Mar 24, 2014	0.756241
Mar 25, 2014	Apr 24, 2014	0.756241
Apr 25, 2014	May 23, 2014	0.756241
May 27, 2014	Jun 24, 2014	0.756241
Jun 25, 2014	Jul 24, 2014	0.756241
Jul 25, 2014	Aug 22, 2014	0.756241
Aug 25, 2014	Sep 24, 2014	0.756241
Sep 25, 2014	Oct 24, 2014	0.756241
Oct 27, 2014	Nov 24, 2014	0.756241
Nov 25, 2014	Dec 24, 2014	0.756241
Dec 26, 2014	Jan 23, 2015	0.756241
Jan 26, 2015	Feb 24, 2015	0.756241
Feb 25, 2015	Mar 24, 2015	0.756241
Mar 25, 2015	Apr 24, 2015	0.756241
Apr 27, 2015	May 22, 2015	0.756241
May 26, 2015	Jun 24, 2015	0.756241
Jun 25, 2015		0.756241
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#### 2A2A Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	0.986795
May 25, 2011	Jun 24, 2011	0.976341
Jun 27, 2011	Jul 22, 2011	0.968704

#### 2A2A Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.956822
Aug 25, 2011	Sep 23, 2011	0.943670
Sep 26, 2011	Oct 24, 2011	0.934213
Oct 25, 2011	Nov 23, 2011	0.922590
Nov 25, 2011	Dec 23, 2011	0.916146
Dec 27, 2011	Jan 24, 2012	0.903431
Jan 25, 2012	Feb 24, 2012	0.895998
Feb 27, 2012	Mar 23, 2012	0.890804
Mar 26, 2012	Apr 24, 2012	0.883504
Apr 25, 2012	May 24, 2012	0.877273
May 25, 2012	Jun 22, 2012	0.873030
Jun 25, 2012	Jul 24, 2012	0.863843
Jul 25, 2012	Aug 24, 2012	0.854364
Aug 27, 2012	Sep 24, 2012	0.849947
Sep 25, 2012	Oct 24, 2012	0.840379
Oct 25, 2012	Nov 23, 2012	0.832915
Nov 26, 2012	Dec 24, 2012	0.825924
Dec 26, 2012	Jan 24, 2013	0.819727
Jan 25, 2013	Feb 22, 2013	0.812931
Feb 25, 2013	Mar 22, 2013	0.804124
Mar 25, 2013	Apr 24, 2013	0.797572
Apr 25, 2013	May 24, 2013	0.791818
May 28, 2013	Jun 24, 2013	0.787211
Jun 25, 2013	Jul 24, 2013	0.776363
Jul 25, 2013	Aug 23, 2013	0.769588
Aug 26, 2013	Sep 24, 2013	0.761776
Sep 25, 2013	Oct 24, 2013	0.758400
Oct 25, 2013	Nov 22, 2013	0.751636
Nov 25, 2013	Dec 24, 2013	0.747837
Dec 26, 2013	Jan 24, 2014	0.745383
Jan 27, 2014	Feb 24, 2014	0.742449
Feb 25, 2014	Mar 24, 2014	0.741523
Mar 25, 2014	Apr 24, 2014	0.740908
Apr 25, 2014	May 23, 2014	0.738965
May 27, 2014	Jun 24, 2014	0.737479
Jun 25, 2014	Jul 24, 2014	0.732163
Jul 25, 2014	Aug 22, 2014	0.725803
Aug 25, 2014	Sep 24, 2014	0.718440
Sep 25, 2014	Oct 24, 2014	0.715668
Oct 27, 2014	Nov 24, 2014	0.711352
Nov 25, 2014	Dec 24, 2014	0.705553
Dec 26, 2014	Jan 23, 2015	0.703776
Jan 26, 2015	Feb 24, 2015	0.699052
Feb 25, 2015	Mar 24, 2015	0.693518
Mar 25, 2015	Apr 24, 2015	0.687929
Apr 27, 2015	May 22, 2015	0.685211
May 26, 2015	Jun 24, 2015	0.679486
Jun 25, 2015		0.676179

#### 2A2B Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

#### 2A2B Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

#### 2A3A Certificate Factor Chart

From         To         Factor           May 24, 2007         1.000000           May 25, 2007         Jun 22, 2007         1.000000           Jun 25, 2007         Jul 24, 2007         1.000000           Jul 25, 2007         Aug 24, 2007         1.000000           Aug 27, 2007         Sep 24, 2007         1.000000           Sep 25, 2007         Oct 24, 2007         1.000000	
Jun 25, 2007     Jul 24, 2007     1.000000       Jul 25, 2007     Aug 24, 2007     1.000000       Aug 27, 2007     Sep 24, 2007     1.000000       Sep 25, 2007     Oct 24, 2007	
Jun 25, 2007     Jul 24, 2007     1.000000       Jul 25, 2007     Aug 24, 2007     1.000000       Aug 27, 2007     Sep 24, 2007     1.000000       Sep 25, 2007     Oct 24, 2007	
Jul 25, 2007     Aug 24, 2007     1.000000       Aug 27, 2007     Sep 24, 2007     1.000000       Sep 25, 2007     Oct 24, 2007	
Aug 27, 2007 Sep 24, 2007 1.000000	
Sen 25, 2007 Oct 24, 2007	
1.000000	
Oct 25, 2007 Nov 23, 2007 1.000000	
Nov 26, 2007 Dec 24, 2007 1.000000	
Dec 26, 2007 Jan 24, 2008 1.000000	
Jan 25, 2008 Feb 22, 2008 1.000000	
Feb 25, 2008 Mar 24, 2008 1.000000	
Mar 25, 2008 Apr 24, 2008 1.000000	
Apr 25, 2008 May 23, 2008 1.000000	
May 27, 2008 Jun 24, 2008 1.000000	
lun 25, 2008 Jul 24, 2008	
Jul 25, 2008 Aug 22, 2008 1.000000	
Aug 25, 2008 Sep 24, 2008 1.000000	
Sen 25, 2008 Oct 24, 2008	
Oct 27, 2008 Nov 24, 2008 1,000000	
Nov 25, 2008 Dec 24, 2008	
Dec 26, 2008 Jan 23, 2009	
Ian 26, 2009 Feb 24, 2009	
Feb 25, 2009 Mar 24, 2009	
Mar 25, 2009 Apr 24, 2009	
Apr 27 2009 May 22 2009	
May 26, 2009 Jun 24, 2009	
lun 25, 2009 Jul 24, 2009	
Jul 27, 2009 Aug 24, 2009	
Aug 25, 2009 Sep 24, 2009	
Sen 25, 2009 Oct 23, 2009	
Oct 26, 2009 Nov. 24, 2009	
Nov 25, 2009 Dec 24, 2009	
Dec 28, 2009 Jan 22, 2010	
lan 25, 2010 Feb 24, 2010	
Eeb 25, 2010 Mar 24, 2010	
Mar 25, 2010 Apr 22, 2010	
Apr 26, 2010 May 24, 2010	
May 25, 2010 Jun 24, 2010	
1.000000	
Lul 26, 2010 Aug 24, 2010	
Aug 25 2010 Con 24 2010	
Con 27, 2010 Oct 22, 2010	
Oct 35 3010 Nov 24 3010	
Nov 26, 2010 Dec 23, 2010 1.000000 1.000000	
Dec 27, 2010 Jan 24, 2011 1.000000	
Jan 25, 2011 Feb 24, 2011 1.000000	
Feb 25, 2011 Mar 24, 2011 1.000000	
Mar 25, 2011 Apr 22, 2011 1.000000	
Apr 25, 2011 May 24, 2011 0.986795	
May 25, 2011 Jun 24, 2011 0.976341	
Jun 27, 2011 Jul 22, 2011 0.968704	

#### 2A3A Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.956822
Aug 25, 2011	Sep 23, 2011	0.943670
Sep 26, 2011	Oct 24, 2011	0.934213
Oct 25, 2011	Nov 23, 2011	0.922590
Nov 25, 2011	Dec 23, 2011	0.916147
Dec 27, 2011	Jan 24, 2012	0.903432
Jan 25, 2012	Feb 24, 2012	0.895999
Feb 27, 2012	Mar 23, 2012	0.890805
Mar 26, 2012	Apr 24, 2012	0.883504
Apr 25, 2012	May 24, 2012	0.877274
May 25, 2012	Jun 22, 2012	0.873030
Jun 25, 2012	Jul 24, 2012	0.863844
Jul 25, 2012	Aug 24, 2012	0.854365
Aug 27, 2012	Sep 24, 2012	0.849947
Sep 25, 2012	Oct 24, 2012	0.840379
Oct 25, 2012	Nov 23, 2012	0.832916
Nov 26, 2012	Dec 24, 2012	0.825925
Dec 26, 2012	Jan 24, 2013	0.819728
Jan 25, 2013	Feb 22, 2013	0.812932
Feb 25, 2013	Mar 22, 2013	0.804125
Mar 25, 2013	Apr 24, 2013	0.797573
Apr 25, 2013	May 24, 2013	0.791819
May 28, 2013	Jun 24, 2013	0.787212
Jun 25, 2013	Jul 24, 2013	0.776364
Jul 25, 2013	Aug 23, 2013	0.769589
Aug 26, 2013	Sep 24, 2013	0.761777
Sep 25, 2013	Oct 24, 2013	0.758401
Oct 25, 2013	Nov 22, 2013	0.751637
Nov 25, 2013	Dec 24, 2013	0.747838
Dec 26, 2013	Jan 24, 2014	0.745384
Jan 27, 2014	Feb 24, 2014	0.742450
Feb 25, 2014	Mar 24, 2014	0.741524
Mar 25, 2014	Apr 24, 2014	0.740909
Apr 25, 2014	May 23, 2014	0.738967
May 27, 2014	Jun 24, 2014	0.737480
Jun 25, 2014	Jul 24, 2014	0.732164
Jul 25, 2014	Aug 22, 2014	0.725805
Aug 25, 2014	Sep 24, 2014	0.718441
Sep 25, 2014	Oct 24, 2014	0.715669
Oct 27, 2014	Nov 24, 2014	0.711353
Nov 25, 2014	Dec 24, 2014	0.705554
Dec 26, 2014	Jan 23, 2015	0.703777
Jan 26, 2015	Feb 24, 2015	0.699054
Feb 25, 2015	Mar 24, 2015	0.693520
Mar 25, 2015	Apr 24, 2015	0.687931
Apr 27, 2015	May 22, 2015	0.685212
May 26, 2015	Jun 24, 2015	0.679487
Jun 25, 2015		0.676180

#### 2A3B Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
	· ·,	1.000000

#### 2A3B Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

#### 2M1 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	0.866089
Aug 25, 2010	Sep 24, 2010	0.769542
Sep 27, 2010	Oct 22, 2010	0.473459
Oct 25, 2010	Nov 24, 2010	0.413281
Nov 26, 2010	Dec 23, 2010	0.342425
Dec 27, 2010	Jan 24, 2011	0.244105
Jan 25, 2011	Feb 24, 2011	0.037070
Feb 25, 2011	Mar 24, 2011	0.008011
Mar 25, 2011	Apr 22, 2011	0.002533
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

#### 2M1 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	
Jun 25, 2015	,	0.000000
		0.000000

# 2M2 Certificate Factor Chart

From	То	Factor
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	0.877599
May 25, 2010	Jun 24, 2010	0.449714
Jun 25, 2010	Jul 23, 2010	0.312262
Jul 26, 2010	Aug 24, 2010	0.108653
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.00000
Jun 27, 2011	Jul 22, 2011	0.000000

# 2M2 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### 2M3 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	0.547412
Feb 25, 2010	Mar 24, 2010	0.429334
Mar 25, 2010	Apr 23, 2010	0.170671
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

# 2M3 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### 2M4 Certificate Factor Chart

<u>From</u>	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	-	1.000000
	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	0.736477
Nov 25, 2009	Dec 24, 2009	0.084590
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

# 2M4 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### 2M5 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	0.489461
Sep 25, 2009	Oct 23, 2009	0.016933
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

# 2M5 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

# 2M6 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
	,	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	0.726426
Jul 27, 2009	Aug 24, 2009	0.233106
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

# 2M6 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### 2B1 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	0.582329
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
	·	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010  Jan 25, 2011	Jan 24, 2011 Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Juli 27, 2011	Jul 22, 2011	0.000000

#### 2B1 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### 2B2 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	0.771784
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
	<u> </u>	0.00000

# 2B2 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

# 2B3 Certificate Factor Chart

From	То	Factor
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	0.952332
Feb 25, 2009	Mar 24, 2009	0.849737
Mar 25, 2009	Apr 24, 2009	0.520089
Apr 27, 2009	May 22, 2009	0.242453
May 26, 2009	Jun 24, 2009	0.000000
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

# 2B3 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### 1A1 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	0.966248
Jul 25, 2007	Aug 24, 2007	0.949779
Aug 27, 2007	Sep 24, 2007	0.926565
Sep 25, 2007	Oct 24, 2007	0.904616
Oct 25, 2007	Nov 23, 2007	0.896796
Nov 26, 2007	Dec 24, 2007	0.884479
Dec 26, 2007	Jan 24, 2008	0.881183
Jan 25, 2008	Feb 22, 2008	0.877244
Feb 25, 2008	Mar 24, 2008	0.858467
Mar 25, 2008	Apr 24, 2008	0.849837
Apr 25, 2008	May 23, 2008	0.835652
May 27, 2008	Jun 24, 2008	0.813751
Jun 25, 2008	Jul 24, 2008	0.799396
Jul 25, 2008	Aug 22, 2008	0.783484
Aug 25, 2008	Sep 24, 2008	0.770125
Sep 25, 2008	Oct 24, 2008	0.749599
Oct 27, 2008	Nov 24, 2008	0.731925
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	0.717567 0.692676
Jan 26, 2009	Feb 24, 2009	
Feb 25, 2009	Mar 24, 2009	0.672211
Mar 25, 2009	Apr 24, 2009	0.657530
Apr 27, 2009	May 22, 2009	0.636434
May 26, 2009	Jun 24, 2009	0.618778
Jun 25, 2009	Jul 24, 2009	0.610330
Jul 27, 2009	Aug 24, 2009	0.591193
Aug 25, 2009	Sep 24, 2009	0.578440
Sep 25, 2009	Oct 23, 2009	0.562163
Oct 26, 2009	Nov 24, 2009	0.550815
Nov 25, 2009	Dec 24, 2009	0.534722
Dec 28, 2009	Jan 22, 2010	0.521543
Jan 25, 2010	Feb 24, 2010	0.509727
Feb 25, 2010	Mar 24, 2010	0.490681
Mar 25, 2010	Apr 23, 2010	0.467162
Apr 26, 2010	May 24, 2010	0.462905
May 25, 2010	Jun 24, 2010	0.449654
Jun 25, 2010	Jul 23, 2010	0.437705
Jul 26, 2010	Aug 24, 2010	0.423234
Aug 25, 2010	Sep 24, 2010	0.414858
Sep 27, 2010	Oct 22, 2010	0.404460
Oct 25, 2010	Nov 24, 2010	0.390697
Nov 26, 2010	Dec 23, 2010	0.370399
Dec 27, 2010	Jan 24, 2011	0.359225
Jan 25, 2011	Feb 24, 2011	0.350912 0.329598
Feb 25, 2011	Mar 24, 2011	0.329598
Mar 25, 2011	Apr 22, 2011	0.300286
Apr 25, 2011	May 24, 2011	0.283217
May 25, 2011	Jun 24, 2011	0.276061
Jun 27, 2011	Jul 22, 2011	0.260985

#### 1A1 Certificate Factor Chart

From	То	Factor
Jul 25, 2011	Aug 24, 2011	0.251776
Aug 25, 2011	Sep 23, 2011	0.242397
Sep 26, 2011	Oct 24, 2011	0.234197
Oct 25, 2011	Nov 23, 2011	0.232293
Nov 25, 2011	Dec 23, 2011	0.222062
Dec 27, 2011	Jan 24, 2012	0.212757
Jan 25, 2012	Feb 24, 2012	0.195558
Feb 27, 2012	Mar 23, 2012	0.193219
Mar 26, 2012	Apr 24, 2012	0.190328
Apr 25, 2012	May 24, 2012	0.187643
May 25, 2012	Jun 22, 2012	0.185114
Jun 25, 2012	Jul 24, 2012	0.183497
Jul 25, 2012	Aug 24, 2012	0.179611
Aug 27, 2012	Sep 24, 2012	0.177580
Sep 25, 2012	Oct 24, 2012	0.176020
Oct 25, 2012	Nov 23, 2012	0.173066
Nov 26, 2012	Dec 24, 2012	0.170261
Dec 26, 2012	Jan 24, 2013	0.167947
Jan 25, 2013	Feb 22, 2013	0.165235
Feb 25, 2013	Mar 22, 2013	0.164093
Mar 25, 2013	Apr 24, 2013	0.162242
Apr 25, 2013	May 24, 2013	0.161348
May 28, 2013	Jun 24, 2013	0.159329
Jun 25, 2013	Jul 24, 2013	0.157706
Jul 25, 2013	Aug 23, 2013	0.155934
Aug 26, 2013	Sep 24, 2013	0.154581
Sep 25, 2013	Oct 24, 2013	0.153934
Oct 25, 2013	Nov 22, 2013	0.153157
Nov 25, 2013	Dec 24, 2013	0.152222
Dec 26, 2013	Jan 24, 2014	0.150814
Jan 27, 2014	Feb 24, 2014	0.150483
Feb 25, 2014	Mar 24, 2014	0.149465
Mar 25, 2014	Apr 24, 2014	0.149157
Apr 25, 2014	May 23, 2014	0.148883
May 27, 2014	Jun 24, 2014	0.147092
Jun 25, 2014	Jul 24, 2014	0.145971
Jul 25, 2014	Aug 22, 2014	0.144213
Aug 25, 2014	Sep 24, 2014	0.142124
Sep 25, 2014	Oct 24, 2014	0.140910
Oct 27, 2014	Nov 24, 2014	0.137557
Nov 25, 2014	Dec 24, 2014	0.136605
Dec 26, 2014	Jan 23, 2015	0.136038
Jan 26, 2015	Feb 24, 2015	0.135172
Feb 25, 2015	Mar 24, 2015	0.134607
Mar 25, 2015	Apr 24, 2015	0.133713
Apr 27, 2015	May 22, 2015	0.131375
May 26, 2015	Jun 24, 2015	0.129479
Jun 25, 2015		0.128783
	· · · · · · · · · · · · · · · · · · ·	

#### 1A2 Certificate Factor Chart

From	То	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
		1.000000
Jul 26, 2010 Aug 25, 2010	Aug 24, 2010 Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		1.000000

#### 1A2 Certificate Factor Chart

From	То	Factor
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	0.988040
Mar 26, 2012	Apr 24, 2012	0.973257
Apr 25, 2012	May 24, 2012	0.959529
May 25, 2012	Jun 22, 2012	0.946595
Jun 25, 2012	Jul 24, 2012	0.938324
Jul 25, 2012	Aug 24, 2012	0.918457
Aug 27, 2012	Sep 24, 2012	0.908067
Sep 25, 2012	Oct 24, 2012	0.900092
Oct 25, 2012	Nov 23, 2012	0.884988
Nov 26, 2012	Dec 24, 2012	0.870642
Dec 26, 2012	Jan 24, 2013	0.858809
Jan 25, 2013	Feb 22, 2013	0.844941
Feb 25, 2013	Mar 22, 2013	0.839102
Mar 25, 2013	Apr 24, 2013	0.829638
Apr 25, 2013	May 24, 2013	0.825068
May 28, 2013	Jun 24, 2013	0.814744
Jun 25, 2013	Jul 24, 2013	0.806444
Jul 25, 2013	Aug 23, 2013	0.797382
Aug 26, 2013	Sep 24, 2013	0.790464
Sep 25, 2013	Oct 24, 2013	0.787155
Oct 25, 2013	Nov 22, 2013	0.783179
Nov 25, 2013	Dec 24, 2013	0.778401
Dec 26, 2013	Jan 24, 2014	0.771198
Jan 27, 2014	Feb 24, 2014	0.769509
Feb 25, 2014	Mar 24, 2014	0.764301
Mar 25, 2014	Apr 24, 2014	0.762726
Apr 25, 2014	May 23, 2014	0.761327
May 27, 2014	Jun 24, 2014	0.752166
Jun 25, 2014	Jul 24, 2014	0.746434
Jul 25, 2014	Aug 22, 2014	0.737443
Aug 25, 2014	Sep 24, 2014	0.726764
Sep 25, 2014	Oct 24, 2014	0.720555
Oct 27, 2014	Nov 24, 2014	0.703410
Nov 25, 2014	Dec 24, 2014	0.698542
Dec 26, 2014	Jan 23, 2015	0.695639
Jan 26, 2015	Feb 24, 2015	0.691215
Feb 25, 2015	Mar 24, 2015	0.688326
Mar 25, 2015	Apr 24, 2015	0.683752
Apr 27, 2015	May 22, 2015	0.671794
May 26, 2015	Jun 24, 2015	0.662103
Jun 25, 2015		0.658542

#### **A4 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010 Dec 27, 2010	Dec 23, 2010 Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
-		1.00000

#### **A4 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	0.987887
Mar 26, 2012	Apr 24, 2012	0.972915
Apr 25, 2012	May 24, 2012	0.959011
May 25, 2012	Jun 22, 2012	0.945912
Jun 25, 2012	Jul 24, 2012	0.937535
Jul 25, 2012	Aug 24, 2012	0.917414
Aug 27, 2012	Sep 24, 2012	0.906890
Sep 25, 2012	Oct 24, 2012	0.898813
Oct 25, 2012	Nov 23, 2012	0.883516
Nov 26, 2012	Dec 24, 2012	0.868987
Dec 26, 2012	Jan 24, 2013	0.857002
Jan 25, 2013	Feb 22, 2013	0.842956
Feb 25, 2013	Mar 22, 2013	0.837043
Mar 25, 2013	Apr 24, 2013	0.827458
Apr 25, 2013	May 24, 2013	0.822829
May 28, 2013	Jun 24, 2013	0.812373
Jun 25, 2013	Jul 24, 2013	0.803967
Jul 25, 2013	Aug 23, 2013	0.794789
Aug 26, 2013	Sep 24, 2013	0.787782
Sep 25, 2013	Oct 24, 2013	0.784431
Oct 25, 2013	Nov 22, 2013	0.780404
Nov 25, 2013	Dec 24, 2013	0.775564
Dec 26, 2013	Jan 24, 2014	0.768270
Jan 27, 2014	Feb 24, 2014	0.766559
Feb 25, 2014	Mar 24, 2014	0.761284
Mar 25, 2014	Apr 24, 2014	0.759689
Apr 25, 2014	May 23, 2014	0.758272
May 27, 2014	Jun 24, 2014	0.748994
Jun 25, 2014	Jul 24, 2014	0.743188
Jul 25, 2014	Aug 22, 2014	0.734082
Aug 25, 2014	Sep 24, 2014	0.723267
Sep 25, 2014	Oct 24, 2014	0.716978
Oct 27, 2014	Nov 24, 2014	0.699614
Nov 25, 2014	Dec 24, 2014	0.694684
Dec 26, 2014	Jan 23, 2015	0.691744
Jan 26, 2015	Feb 24, 2015	0.687263
Feb 25, 2015	Mar 24, 2015	0.684337
Mar 25, 2015	Apr 24, 2015	0.679705
Apr 27, 2015	May 22, 2015	0.667594
May 26, 2015	Jun 24, 2015	0.657778
Jun 25, 2015		0.654172

#### **A5 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	0.981897
Jul 25, 2007	Aug 24, 2007	0.970578
Aug 27, 2007	Sep 24, 2007	0.959938
Sep 25, 2007	Oct 24, 2007	0.949885
Oct 25, 2007	Nov 23, 2007	0.943487
Nov 26, 2007	Dec 24, 2007	0.937187
Dec 26, 2007	Jan 24, 2008	0.930316
Jan 25, 2008	Feb 22, 2008	0.927526
Feb 25, 2008	Mar 24, 2008	0.918916
Mar 25, 2008	Apr 24, 2008	0.912519
Apr 25, 2008	May 23, 2008	0.901005
May 27, 2008	Jun 24, 2008	0.887991
Jun 25, 2008	Jul 24, 2008	0.879139
Jul 25, 2008	Aug 22, 2008	0.865783
Aug 25, 2008	Sep 24, 2008	0.865783
Sep 25, 2008	Oct 24, 2008	0.865783
Oct 27, 2008	Nov 24, 2008	0.865783
Nov 25, 2008	Dec 24, 2008	0.865783
Dec 26, 2008	Jan 23, 2009	0.865783
Jan 26, 2009	Feb 24, 2009	0.865783
Feb 25, 2009	Mar 24, 2009	0.865783
Mar 25, 2009	Apr 24, 2009	0.865783
Apr 27, 2009	May 22, 2009	0.865783
May 26, 2009	Jun 24, 2009	0.865783
Jun 25, 2009	Jul 24, 2009	0.865783
Jul 27, 2009	Aug 24, 2009	0.865783
Aug 25, 2009	Sep 24, 2009	0.865783
Sep 25, 2009	Oct 23, 2009	0.865783
Oct 26, 2009	Nov 24, 2009	0.865783
Nov 25, 2009	Dec 24, 2009	0.865783
Dec 28, 2009	Jan 22, 2010	0.865783
Jan 25, 2010	Feb 24, 2010	0.865783
Feb 25, 2010	Mar 24, 2010	0.865783
Mar 25, 2010	Apr 23, 2010	0.865783
Apr 26, 2010	May 24, 2010	0.865783
May 25, 2010	Jun 24, 2010	0.865783
Jun 25, 2010	Jul 23, 2010	0.865783
Jul 26, 2010	Aug 24, 2010	0.865783
Aug 25, 2010	Sep 24, 2010	0.865783
Sep 27, 2010	Oct 22, 2010	0.865783
Oct 25, 2010	Nov 24, 2010	0.865783
Nov 26, 2010	Dec 23, 2010	0.865783
Dec 27, 2010	Jan 24, 2011	0.865783
Jan 25, 2011	Feb 24, 2011	0.865783
Feb 25, 2011	Mar 24, 2011	0.865783
Mar 25, 2011	Apr 22, 2011	0.865783
Apr 25, 2011	May 24, 2011	0.865783
May 25, 2011	Jun 24, 2011	0.865783
Jun 27, 2011	Jul 22, 2011	0.865783

#### **A5 Certificate Factor Chart**

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.865783
Aug 25, 2011	Sep 23, 2011	0.865783
Sep 26, 2011	Oct 24, 2011	0.865783
Oct 25, 2011	Nov 23, 2011	0.865783
Nov 25, 2011	Dec 23, 2011	0.865783
Dec 27, 2011	Jan 24, 2012	0.865783
Jan 25, 2012	Feb 24, 2012	0.865783
Feb 27, 2012	Mar 23, 2012	0.865783
Mar 26, 2012	Apr 24, 2012	0.865783
Apr 25, 2012	May 24, 2012	0.865783
May 25, 2012	Jun 22, 2012	0.865783
Jun 25, 2012	Jul 24, 2012	0.865783
Jul 25, 2012	Aug 24, 2012	0.865783
Aug 27, 2012	Sep 24, 2012	0.865783
Sep 25, 2012	Oct 24, 2012	0.865783
Oct 25, 2012	Nov 23, 2012	0.865783
Nov 26, 2012	Dec 24, 2012	0.865783
Dec 26, 2012	Jan 24, 2013	0.865783
Jan 25, 2013	Feb 22, 2013	0.865783
Feb 25, 2013	Mar 22, 2013	0.865783
Mar 25, 2013	Apr 24, 2013	0.865783
Apr 25, 2013	May 24, 2013	0.865783
May 28, 2013	Jun 24, 2013	0.865783
Jun 25, 2013	Jul 24, 2013	0.865783
Jul 25, 2013	Aug 23, 2013	0.865783
Aug 26, 2013	Sep 24, 2013	0.865783
Sep 25, 2013	Oct 24, 2013	0.865783
Oct 25, 2013	Nov 22, 2013	0.865783
Nov 25, 2013	Dec 24, 2013	0.865783
Dec 26, 2013	Jan 24, 2014	0.865783
Jan 27, 2014	Feb 24, 2014	0.865783
Feb 25, 2014	Mar 24, 2014	0.865783
Mar 25, 2014	Apr 24, 2014	0.865783
Apr 25, 2014	May 23, 2014	0.865783
May 27, 2014	Jun 24, 2014	0.865783
Jun 25, 2014	Jul 24, 2014	0.865783
Jul 25, 2014	Aug 22, 2014	0.865783
Aug 25, 2014	Sep 24, 2014	0.865783
Sep 25, 2014	Oct 24, 2014	0.865783
Oct 27, 2014	Nov 24, 2014	0.865783
Nov 25, 2014	Dec 24, 2014	0.865783
Dec 26, 2014	Jan 23, 2015	0.865783
Jan 26, 2015	Feb 24, 2015	0.865783
Feb 25, 2015	Mar 24, 2015	0.865783
Mar 25, 2015	Apr 24, 2015	0.865783
Apr 27, 2015	May 22, 2015	0.865783
May 26, 2015	Jun 24, 2015	0.865783
Jun 25, 2015		0.865783

#### 2A1 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	0.985454
Jul 25, 2007	Aug 24, 2007	0.965033
Aug 27, 2007	Sep 24, 2007	0.964737
Sep 25, 2007	Oct 24, 2007	0.964491
Oct 25, 2007	Nov 23, 2007	0.949311
Nov 26, 2007	Dec 24, 2007	0.945643
Dec 26, 2007	Jan 24, 2008	0.916865
Jan 25, 2008	Feb 22, 2008	0.911539
Feb 25, 2008	Mar 24, 2008	0.911278
Mar 25, 2008	Apr 24, 2008	0.898078
Apr 25, 2008	May 23, 2008	0.871029
May 27, 2008	Jun 24, 2008	0.854799
Jun 25, 2008	Jul 24, 2008	0.842432
Jul 25, 2008	Aug 22, 2008	0.809730
Aug 25, 2008	Sep 24, 2008	0.800345
Sep 25, 2008	Oct 24, 2008	0.793078
Oct 27, 2008	Nov 24, 2008	0.785601
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	0.769907
Jan 26, 2009	Feb 24, 2009	0.767252
Feb 25, 2009	Mar 24, 2009	0.766853
Mar 25, 2009	Apr 24, 2009	0.760633
Apr 27, 2009	May 22, 2009	0.760479
May 26, 2009	Jun 24, 2009	0.751903
Jun 25, 2009	Jul 24, 2009	0.724558
Jul 27, 2009	Aug 24, 2009	0.718873
Aug 25, 2009	Sep 24, 2009	0.664505
Sep 25, 2009	Oct 23, 2009	0.643467
Oct 26, 2009	Nov 24, 2009	0.630296
Nov 25, 2009	Dec 24, 2009	0.621926
Dec 28, 2009	Jan 22, 2010	0.607077
Jan 25, 2010	Feb 24, 2010	0.606409
Feb 25, 2010	Mar 24, 2010	0.598725
Mar 25, 2010	Apr 23, 2010	0.590515
Apr 26, 2010	May 24, 2010	0.558747
May 25, 2010	Jun 24, 2010	0.529825
Jun 25, 2010	Jul 23, 2010	0.515866
Jul 26, 2010	Aug 24, 2010	0.481626
Aug 25, 2010	Sep 24, 2010	0.455091
Sep 27, 2010	Oct 22, 2010	0.430034
Oct 25, 2010	Nov 24, 2010	0.414543
Nov 26, 2010	Dec 23, 2010	0.412584
Dec 27, 2010	Jan 24, 2011	0.403257
Jan 25, 2011	Feb 24, 2011	0.383515 0.383060
Feb 25, 2011	Mar 24, 2011	0.374795
Mar 25, 2011	Apr 22, 2011	0.34795
Apr 25, 2011	May 24, 2011	0.341839
May 25, 2011	Jun 24, 2011	0.335215
Jun 27, 2011	Jul 22, 2011	0.334696

#### 2A1 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.303559
Aug 25, 2011	Sep 23, 2011	0.302944
Sep 26, 2011	Oct 24, 2011	0.286519
Oct 25, 2011	Nov 23, 2011	0.268771
Nov 25, 2011	Dec 23, 2011	0.262980
Dec 27, 2011	Jan 24, 2012	0.233352
Jan 25, 2012	Feb 24, 2012	0.229810
Feb 27, 2012	Mar 23, 2012	0.226908
Mar 26, 2012	Apr 24, 2012	0.223321
Apr 25, 2012	May 24, 2012	0.219990
May 25, 2012	Jun 22, 2012	0.216852
Jun 25, 2012	Jul 24, 2012	0.214846
Jul 25, 2012	Aug 24, 2012	0.210025
Aug 27, 2012	Sep 24, 2012	0.207504
Sep 25, 2012	Oct 24, 2012	0.205569
Oct 25, 2012	Nov 23, 2012	0.201905
Nov 26, 2012	Dec 24, 2012	0.198424
Dec 26, 2012	Jan 24, 2013	0.195553
Jan 25, 2013	Feb 22, 2013	0.192188
Feb 25, 2013	Mar 22, 2013	0.190772
Mar 25, 2013	Apr 24, 2013	0.188476
Apr 25, 2013	May 24, 2013	0.187367
May 28, 2013	Jun 24, 2013	0.184862
Jun 25, 2013	Jul 24, 2013	0.182848
Jul 25, 2013	Aug 23, 2013	0.180649
Aug 26, 2013	Sep 24, 2013	0.178971
Sep 25, 2013	Oct 24, 2013	0.178168
Oct 25, 2013	Nov 22, 2013	0.177203
Nov 25, 2013	Dec 24, 2013	0.176044
Dec 26, 2013	Jan 24, 2014	0.174296
Jan 27, 2014	Feb 24, 2014	0.173887
Feb 25, 2014	Mar 24, 2014	0.172623
Mar 25, 2014	Apr 24, 2014	0.172241
Apr 25, 2014	May 23, 2014	0.171901
May 27, 2014	Jun 24, 2014	0.169679
Jun 25, 2014	Jul 24, 2014	0.168288
Jul 25, 2014	Aug 22, 2014	0.166106
Aug 25, 2014	Sep 24, 2014	0.163516
Sep 25, 2014	Oct 24, 2014	0.162009
Oct 27, 2014	Nov 24, 2014	0.157849
Nov 25, 2014	Dec 24, 2014	0.156668
Dec 26, 2014	Jan 23, 2015	0.155964
Jan 26, 2015	Feb 24, 2015	0.154890
Feb 25, 2015	Mar 24, 2015	0.154189
Mar 25, 2015	Apr 24, 2015	0.153080
Apr 27, 2015	May 22, 2015	0.150178
May 26, 2015	Jun 24, 2015	0.147827
Jun 25, 2015		0.146963

#### **3A1A Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	0.993092
Jul 25, 2007	Aug 24, 2007	0.974676
Aug 27, 2007	Sep 24, 2007	0.964743
Sep 25, 2007	Oct 24, 2007	0.956814
Oct 25, 2007	Nov 23, 2007	0.945675
Nov 26, 2007	Dec 24, 2007	0.934014
Dec 26, 2007	Jan 24, 2008	0.930801
Jan 25, 2008	Feb 22, 2008	0.920756
Feb 25, 2008	Mar 24, 2008	0.913595
Mar 25, 2008	Apr 24, 2008	0.898073
Apr 25, 2008	May 23, 2008	0.888186
May 27, 2008	Jun 24, 2008	0.872610
Jun 25, 2008	Jul 24, 2008	0.860684
Jul 25, 2008	Aug 22, 2008	0.856590
Aug 25, 2008	Sep 24, 2008	0.833785
Sep 25, 2008	Oct 24, 2008	0.823848
Oct 27, 2008	Nov 24, 2008	0.815600
Nov 25, 2008	Dec 24, 2008	0.807102
Dec 26, 2008	Jan 23, 2009	0.799688
Jan 26, 2009	Feb 24, 2009	0.796543
Feb 25, 2009	Mar 24, 2009	0.781785
Mar 25, 2009	Apr 24, 2009	0.777086
Apr 27, 2009	May 22, 2009	0.770993
May 26, 2009	Jun 24, 2009	0.756386
Jun 25, 2009	Jul 24, 2009	0.741033
Jul 27, 2009	Aug 24, 2009	0.735352
Aug 25, 2009	Sep 24, 2009	0.721325
Sep 25, 2009	Oct 23, 2009	0.717164
Oct 26, 2009	Nov 24, 2009	0.704078
Nov 25, 2009	Dec 24, 2009	0.690263
Dec 28, 2009	Jan 22, 2010	0.681242
Jan 25, 2010	Feb 24, 2010	0.675649
Feb 25, 2010	Mar 24, 2010	0.673372
Mar 25, 2010	Apr 23, 2010	0.658285
Apr 26, 2010	May 24, 2010	0.645689
May 25, 2010	Jun 24, 2010	0.633937
Jun 25, 2010	Jul 23, 2010	0.620993
Jul 26, 2010	Aug 24, 2010	0.620541
Aug 25, 2010	Sep 24, 2010	0.616063
Sep 27, 2010	Oct 22, 2010	0.607731
Oct 25, 2010	Nov 24, 2010	0.597015
Nov 26, 2010	Dec 23, 2010	0.596027
Dec 27, 2010	Jan 24, 2011	0.592540
Jan 25, 2011	Feb 24, 2011	0.588957
Feb 25, 2011	Mar 24, 2011	0.584798
Mar 25, 2011	Apr 22, 2011	0.571492
Apr 25, 2011	May 24, 2011	0.569490
May 25, 2011	Jun 24, 2011	0.562540
Jun 27, 2011	Jul 22, 2011	0.559506

### **3A1A Certificate Factor Chart**

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.558018
Aug 25, 2011	Sep 23, 2011	0.558008
Sep 26, 2011	Oct 24, 2011	0.555734
Oct 25, 2011	Nov 23, 2011	0.554330
Nov 25, 2011	Dec 23, 2011	0.554267
Dec 27, 2011	Jan 24, 2012	0.552154
Jan 25, 2012	Feb 24, 2012	0.551813
Feb 27, 2012	Mar 23, 2012	0.545161
Mar 26, 2012	Apr 24, 2012	0.536939
Apr 25, 2012	May 24, 2012	0.529304
May 25, 2012	Jun 22, 2012	0.522111
Jun 25, 2012	Jul 24, 2012	0.517511
Jul 25, 2012	Aug 24, 2012	0.506462
Aug 27, 2012	Sep 24, 2012	0.500683
Sep 25, 2012	Oct 24, 2012	0.496247
Oct 25, 2012	Nov 23, 2012	0.487847
Nov 26, 2012	Dec 24, 2012	0.479868
Dec 26, 2012	Jan 24, 2013	0.473287
Jan 25, 2013	Feb 22, 2013	0.465574
Feb 25, 2013	Mar 22, 2013	0.462327
Mar 25, 2013	Apr 24, 2013	0.457063
Apr 25, 2013	May 24, 2013	0.454521
May 28, 2013	Jun 24, 2013	0.448780
Jun 25, 2013	Jul 24, 2013	0.444163
Jul 25, 2013	Aug 23, 2013	0.439123
Aug 26, 2013	Sep 24, 2013	0.435276
Sep 25, 2013	Oct 24, 2013	0.433436
Oct 25, 2013	Nov 22, 2013	0.431224
Nov 25, 2013	Dec 24, 2013	0.428567
Dec 26, 2013	Jan 24, 2014	0.424561
Jan 27, 2014	Feb 24, 2014	0.423622
Feb 25, 2014	Mar 24, 2014	0.420725
Mar 25, 2014	Apr 24, 2014	0.419849
Apr 25, 2014	May 23, 2014	0.419071
May 27, 2014	Jun 24, 2014	0.413976
Jun 25, 2014	Jul 24, 2014	0.410788
Jul 25, 2014	Aug 22, 2014	0.405787
Aug 25, 2014	Sep 24, 2014	0.399848
Sep 25, 2014	Oct 24, 2014	0.396395
Oct 27, 2014	Nov 24, 2014	0.386859
Nov 25, 2014	Dec 24, 2014	0.384152
Dec 26, 2014	Jan 23, 2015	0.382538
Jan 26, 2015	Feb 24, 2015	0.380077
Feb 25, 2015	Mar 24, 2015	0.378470
Mar 25, 2015	Apr 24, 2015	0.375926
Apr 27, 2015	May 22, 2015	0.369276
May 26, 2015	Jun 24, 2015	0.363886
Jun 25, 2015		0.361905

### **3A1B Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	0.993092
Jul 25, 2007	Aug 24, 2007	0.974676
Aug 27, 2007	Sep 24, 2007	0.964743
Sep 25, 2007	Oct 24, 2007	0.964743
Oct 25, 2007	Nov 23, 2007	0.964743
Nov 26, 2007	Dec 24, 2007	0.964743
Dec 26, 2007	Jan 24, 2008	0.964743
Jan 25, 2008	Feb 22, 2008	0.964743
Feb 25, 2008	Mar 24, 2008	0.964743
Mar 25, 2008	Apr 24, 2008	0.964743
Apr 25, 2008	May 23, 2008	0.964743
May 27, 2008	Jun 24, 2008	0.964743
Jun 25, 2008	Jul 24, 2008	0.964743
Jul 25, 2008	Aug 22, 2008	0.964743
Aug 25, 2008	Sep 24, 2008	0.964743
Sep 25, 2008	Oct 24, 2008	0.964743
Oct 27, 2008	Nov 24, 2008	0.964743
Nov 25, 2008	Dec 24, 2008	0.964743
Dec 26, 2008	Jan 23, 2009	0.964743
Jan 26, 2009	Feb 24, 2009	0.964743
Feb 25, 2009	Mar 24, 2009	0.964743
Mar 25, 2009	Apr 24, 2009	0.964743
Apr 27, 2009	May 22, 2009	0.964743
May 26, 2009	Jun 24, 2009	0.964743
Jun 25, 2009	Jul 24, 2009	0.964743
Jul 27, 2009	Aug 24, 2009	0.964743
Aug 25, 2009	Sep 24, 2009	0.964743
Sep 25, 2009	Oct 23, 2009	
Oct 26, 2009	Nov 24, 2009	0.964743
Nov 25, 2009	Dec 24, 2009	0.964743
Dec 28, 2009	Jan 22, 2010	0.964743
Jan 25, 2010	Feb 24, 2010	0.964743
Feb 25, 2010	Mar 24, 2010	0.964743
Mar 25, 2010	Apr 23, 2010	0.964743
Apr 26, 2010	May 24, 2010	0.964743
May 25, 2010	Jun 24, 2010	0.964743
Jun 25, 2010	Jul 23, 2010	0.964743
Jul 26, 2010	Aug 24, 2010	0.964743
Aug 25, 2010	Sep 24, 2010	0.964743
Sep 27, 2010	Oct 22, 2010	0.964743
Oct 25, 2010	Nov 24, 2010	0.964743
Nov 26, 2010	Dec 23, 2010	0.964743
Dec 27, 2010	Jan 24, 2011	0.964743
Jan 25, 2011	Feb 24, 2011	0.964743
Feb 25, 2011	Mar 24, 2011	0.964743
Mar 25, 2011	Apr 22, 2011	0.964743
Apr 25, 2011	May 24, 2011	0.964743
May 25, 2011	Jun 24, 2011	0.964743
Jun 27, 2011	Jul 22, 2011	0.964743
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### **3A1B Certificate Factor Chart**

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.964743
Aug 25, 2011	Sep 23, 2011	0.964743
Sep 26, 2011	Oct 24, 2011	0.964743
Oct 25, 2011	Nov 23, 2011	0.964743
Nov 25, 2011	Dec 23, 2011	0.964743
Dec 27, 2011	Jan 24, 2012	0.964743
Jan 25, 2012	Feb 24, 2012	0.964743
Feb 27, 2012	Mar 23, 2012	0.964743
Mar 26, 2012	Apr 24, 2012	0.964743
Apr 25, 2012	May 24, 2012	0.964743
May 25, 2012	Jun 22, 2012	0.964743
Jun 25, 2012	Jul 24, 2012	0.964743
Jul 25, 2012	Aug 24, 2012	0.964743
Aug 27, 2012	Sep 24, 2012	0.964743
Sep 25, 2012	Oct 24, 2012	0.964743
Oct 25, 2012	Nov 23, 2012	0.964743
Nov 26, 2012	Dec 24, 2012	0.964743
Dec 26, 2012	Jan 24, 2013	0.964743
Jan 25, 2013	Feb 22, 2013	0.964743
Feb 25, 2013	Mar 22, 2013	0.964743
Mar 25, 2013	Apr 24, 2013	0.964743
Apr 25, 2013	May 24, 2013	0.964743
May 28, 2013	Jun 24, 2013	0.964743
Jun 25, 2013	Jul 24, 2013	0.964743
Jul 25, 2013	Aug 23, 2013	0.964743
Aug 26, 2013	Sep 24, 2013	0.964743
Sep 25, 2013	Oct 24, 2013	0.964743
Oct 25, 2013	Nov 22, 2013	0.964743
Nov 25, 2013	Dec 24, 2013	0.964743
Dec 26, 2013	Jan 24, 2014	0.964743
Jan 27, 2014	Feb 24, 2014	0.964743
Feb 25, 2014	Mar 24, 2014	0.964743
Mar 25, 2014	Apr 24, 2014	0.964743
Apr 25, 2014	May 23, 2014	0.964743
May 27, 2014	Jun 24, 2014	0.964743
Jun 25, 2014	Jul 24, 2014	0.964743
Jul 25, 2014	Aug 22, 2014	0.964743
Aug 25, 2014	Sep 24, 2014	0.964743
Sep 25, 2014	Oct 24, 2014	0.964743
Oct 27, 2014	Nov 24, 2014	0.964743
Nov 25, 2014	Dec 24, 2014	0.964743
Dec 26, 2014	Jan 23, 2015	0.964743
Jan 26, 2015	Feb 24, 2015	0.964743
Feb 25, 2015	Mar 24, 2015	0.964743
Mar 25, 2015	Apr 24, 2015	0.964743
Apr 27, 2015	May 22, 2015	0.964743
May 26, 2015	Jun 24, 2015	0.964743
Jun 25, 2015		0.964743

### M1 Certificate Factor Chart

From	То	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
	•	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	0.829911
May 25, 2011	Jun 24, 2011	0.785913
Jun 27, 2011	Jul 22, 2011	0.720288

### M1 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.655873
Aug 25, 2011	Sep 23, 2011	0.621995
Sep 26, 2011	Oct 24, 2011	0.379480
Oct 25, 2011	Nov 23, 2011	0.365945
Nov 25, 2011	Dec 23, 2011	0.366080
Dec 27, 2011	Jan 24, 2012	0.144467
Jan 25, 2012	Feb 24, 2012	0.048253
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### **M2 Certificate Factor Chart**

From	То	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010		1.000000
	Mar 24, 2010 Apr 23, 2010	1.000000
Mar 25, 2010	· · ·	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	0.983090
Aug 25, 2010	Sep 24, 2010	0.773434
Sep 27, 2010	Oct 22, 2010	0.578087
Oct 25, 2010	Nov 24, 2010	0.286621
Nov 26, 2010 Dec 27, 2010	Dec 23, 2010 Jan 24, 2011	0.289100
Jan 25, 2011	Feb 24, 2011	0.158713
Feb 25, 2011	Mar 24, 2011	0.092395
Mar 25, 2011	Apr 22, 2011	0.034325
Apr 25, 2011	May 24, 2011	0.000055
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Juli 27, 2011	Jui 22, 2011	0.000000

### **M2 Certificate Factor Chart**

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.00000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M3 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	0.598219
Mar 25, 2010	Apr 23, 2010	0.520206
Apr 26, 2010	May 24, 2010	0.211568
May 25, 2010	Jun 24, 2010	0.211568
Jun 25, 2010	Jul 23, 2010	0.216830
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

### M3 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M4 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	0.496392
Jan 25, 2010	Feb 24, 2010	0.095248
		0.040209
Feb 25, 2010 Mar 25, 2010	Mar 24, 2010	0.000000
	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010 Dec 27, 2010	Dec 23, 2010 Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Juli 27, 2011	Jui 44, 4011	0.000000

### M4 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M5 Certificate Factor Chart

From	То	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	0.683405
Oct 26, 2009	Nov 24, 2009	0.315251
Nov 25, 2009	Dec 24, 2009	0.027918
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
	•	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010 Jul 26, 2010	Jul 23, 2010	0.000000
Aug 25, 2010	Aug 24, 2010 Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
		0.000000

### M5 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M6 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	0.975699
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

### M6 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### **B1** Certificate Factor Chart

From	То	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
	Mar 24, 2009	1.000000
Feb 25, 2009		1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	0.716569
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

### **B1** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.00000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### **B2** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	0.797692
Apr 27, 2009	May 22, 2009	0.663672
May 26, 2009	Jun 24, 2009	0.399256
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

### **B2** Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.00000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### 1A1 Certificate Factor Chart

From	То	Factor
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.986534
Aug 27, 2007	Sep 24, 2007	0.953596
Sep 25, 2007	Oct 24, 2007	0.925210
Oct 25, 2007	Nov 23, 2007	0.902119
Nov 26, 2007	Dec 24, 2007	0.882906
Dec 26, 2007	Jan 24, 2008	0.872884
Jan 25, 2008	Feb 22, 2008	0.856461
Feb 25, 2008	Mar 24, 2008	0.846257
Mar 25, 2008	Apr 24, 2008	0.834293
Apr 25, 2008	May 23, 2008	0.824398
May 27, 2008	Jun 24, 2008	0.810781
Jun 25, 2008	Jul 24, 2008	0.800921
Jul 25, 2008	Aug 22, 2008	0.783343
Aug 25, 2008	Sep 24, 2008	0.763789
Sep 25, 2008	Oct 24, 2008	0.754228
Oct 27, 2008	Nov 24, 2008	0.732696
Nov 25, 2008	Dec 24, 2008	0.711134
Dec 26, 2008	Jan 23, 2009	0.699874
Jan 26, 2009	Feb 24, 2009	0.684897
Feb 25, 2009	Mar 24, 2009	0.677822
Mar 25, 2009	Apr 24, 2009	0.658393
Apr 27, 2009	May 22, 2009	0.638424
May 26, 2009	Jun 24, 2009	0.610658
Jun 25, 2009	Jul 24, 2009	0.602160
Jul 27, 2009	Aug 24, 2009	0.588073
Aug 25, 2009	Sep 24, 2009	0.569986
Sep 25, 2009	Oct 23, 2009	0.536856
Oct 26, 2009	Nov 24, 2009	0.521944
Nov 25, 2009	Dec 24, 2009	0.499570
Dec 28, 2009	Jan 22, 2010	0.467745
Jan 25, 2010	Feb 24, 2010	0.452895
Feb 25, 2010	Mar 24, 2010	0.438766
Mar 25, 2010	Apr 23, 2010	0.426373
Apr 26, 2010	May 24, 2010	0.399615
May 25, 2010	Jun 24, 2010	0.386550
Jun 25, 2010	Jul 23, 2010	0.375511
Jul 26, 2010	Aug 24, 2010	0.360517
Aug 25, 2010	Sep 24, 2010	0.336652
Sep 27, 2010	Oct 22, 2010	0.309116
Oct 25, 2010	Nov 24, 2010	0.293480
Nov 26, 2010	Dec 23, 2010	0.274229
Dec 27, 2010	Jan 24, 2011	0.248759
Jan 25, 2011	Feb 24, 2011	0.236960
Feb 25, 2011	Mar 24, 2011	0.221441
Mar 25, 2011 Apr 25, 2011	Apr 22, 2011	0.209172
May 25, 2011	May 24, 2011 Jun 24, 2011	0.191129
Jun 27, 2011	Jul 22, 2011	0.162195
Jul 25, 2011	Aug 24, 2011	0.142868
Jul 23, 2011	Aug 24, 2011	0.120574

### 1A1 Certificate Factor Chart

F	<b>T</b> -	Fastan
From Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u> 0.101152
Sep 26, 2011	Oct 24, 2011	0.080171
Oct 25, 2011	Nov 23, 2011	0.070729
Nov 25, 2011	Dec 23, 2011	0.059758
Dec 27, 2011	Jan 24, 2012	0.052329
Jan 25, 2012	Feb 24, 2012	0.044359
Feb 27, 2012	Mar 23, 2012	0.033083
Mar 26, 2012	Apr 24, 2012	0.024168
Apr 25, 2012	May 24, 2012	0.014886
May 25, 2012	Jun 22, 2012	0.004818
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### 1A2 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000

### 1A2 Certificate Factor Chart

F	<b>T</b> -	F4
From Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u> 1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	0.997677
Jul 25, 2012	Aug 24, 2012	0.954716
Aug 27, 2012	Sep 24, 2012	0.943810
Sep 25, 2012	Oct 24, 2012	0.926922
Oct 25, 2012	Nov 23, 2012	0.893153
Nov 26, 2012	Dec 24, 2012	0.872002
Dec 26, 2012	Jan 24, 2013	0.861403
Jan 25, 2013	Feb 22, 2013	0.834561
Feb 25, 2013	Mar 22, 2013	0.814973
Mar 25, 2013	Apr 24, 2013	0.808085
Apr 25, 2013	May 24, 2013	0.798551
May 28, 2013	Jun 24, 2013	0.791729
Jun 25, 2013	Jul 24, 2013	0.783253
Jul 25, 2013	Aug 23, 2013	0.770930
Aug 26, 2013	Sep 24, 2013	0.760248
Sep 25, 2013	Oct 24, 2013	0.751075
Oct 25, 2013	Nov 22, 2013	0.743290
Nov 25, 2013	Dec 24, 2013	0.735575
Dec 26, 2013	Jan 24, 2014	0.723697
Jan 27, 2014	Feb 24, 2014	0.708969
Feb 25, 2014	Mar 24, 2014	0.701455
Mar 25, 2014	Apr 24, 2014	0.700040
Apr 25, 2014	May 23, 2014	0.693204
May 27, 2014	Jun 24, 2014	0.688941
Jun 25, 2014	Jul 24, 2014	0.685323
Jul 25, 2014	Aug 22, 2014	0.677928
Aug 25, 2014	Sep 24, 2014	0.671272
Sep 25, 2014	Oct 24, 2014	0.658397
Oct 27, 2014	Nov 24, 2014	0.655414
Nov 25, 2014	Dec 24, 2014	0.651643
Dec 26, 2014	Jan 23, 2015	0.644278
Jan 26, 2015	Feb 24, 2015	0.640790
Feb 25, 2015	Mar 24, 2015	0.630363
Mar 25, 2015	Apr 24, 2015	0.615083
Apr 27, 2015	May 22, 2015	0.611834
May 26, 2015	Jun 24, 2015	0.602250
Jun 25, 2015		0.590140

### A4 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000

### A4 Certificate Factor Chart

Fuom	To	Fastor
From Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	0.988540
Sep 25, 2012	Oct 24, 2012	0.970796
Oct 25, 2012	Nov 23, 2012	0.935313
Nov 26, 2012	Dec 24, 2012	0.913089
Dec 26, 2012	Jan 24, 2013	0.901952
Jan 25, 2013	Feb 22, 2013	0.873748
Feb 25, 2013	Mar 22, 2013	0.853166
Mar 25, 2013	Apr 24, 2013	0.845929
Apr 25, 2013	May 24, 2013	0.835911
May 28, 2013	Jun 24, 2013	0.828743
Jun 25, 2013	Jul 24, 2013	0.819837
Jul 25, 2013	Aug 23, 2013	0.806888
Aug 26, 2013	Sep 24, 2013	0.795665
Sep 25, 2013	Oct 24, 2013	0.786026
Oct 25, 2013	Nov 22, 2013	0.777846
Nov 25, 2013	Dec 24, 2013	0.769739
Dec 26, 2013	Jan 24, 2014	0.757259
Jan 27, 2014	Feb 24, 2014	0.741784
Feb 25, 2014	Mar 24, 2014	0.733888
Mar 25, 2014	Apr 24, 2014	0.732402
Apr 25, 2014	May 23, 2014	0.725218
May 27, 2014	Jun 24, 2014	0.720739
Jun 25, 2014	Jul 24, 2014	0.716937
Jul 25, 2014	Aug 22, 2014	0.709167
Aug 25, 2014	Sep 24, 2014	0.702173
Sep 25, 2014	Oct 24, 2014	0.688645
Oct 27, 2014	Nov 24, 2014	0.685511
Nov 25, 2014	Dec 24, 2014	0.681548
Dec 26, 2014	Jan 23, 2015	0.673810
Jan 26, 2015	Feb 24, 2015	0.670145
Feb 25, 2015	Mar 24, 2015	0.659189
Mar 25, 2015	Apr 24, 2015	0.643133
Apr 27, 2015	May 22, 2015	0.639720
May 26, 2015	Jun 24, 2015	0.629649
Jun 25, 2015		0.616925

### **A5 Certificate Factor Chart**

From	То	<u>Factor</u>
<del></del>	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.993625
Aug 27, 2007	Sep 24, 2007	0.974679
Sep 25, 2007	Oct 24, 2007	0.958813
Oct 25, 2007	Nov 23, 2007	0.947079
Nov 26, 2007	Dec 24, 2007	0.934846
Dec 26, 2007	Jan 24, 2008	0.929824
Jan 25, 2008	Feb 22, 2008	0.919184
Feb 25, 2008	Mar 24, 2008	0.912794
Mar 25, 2008	Apr 24, 2008	0.904263
Apr 25, 2008	May 23, 2008	0.896508
May 27, 2008	Jun 24, 2008	0.888317
Jun 25, 2008	Jul 24, 2008	0.880582
Jul 25, 2008	Aug 22, 2008	0.869358
Aug 25, 2008	Sep 24, 2008	_
Sep 25, 2008	Oct 24, 2008	0.856581 0.850005
Oct 27, 2008	Nov 24, 2008	_
Nov 25, 2008	Dec 24, 2008	0.838038
Dec 26, 2008	Jan 23, 2009	0.827313
Jan 26, 2009	Feb 24, 2009	0.821634
Feb 25, 2009	Mar 24, 2009	0.821634
Mar 25, 2009	Apr 24, 2009	0.821634
Apr 27, 2009	May 22, 2009	0.821634
May 26, 2009	Jun 24, 2009	0.821634
Jun 25, 2009	Jul 24, 2009	0.821634
Jul 27, 2009	Aug 24, 2009	0.821634
Aug 25, 2009	Sep 24, 2009	0.821634
Sep 25, 2009	Oct 23, 2009	0.821634
Oct 26, 2009	Nov 24, 2009	0.821634
Nov 25, 2009	Dec 24, 2009	0.821634
Dec 28, 2009	Jan 22, 2010	0.821634
Jan 25, 2010	Feb 24, 2010	0.821634
Feb 25, 2010	Mar 24, 2010	0.821634
Mar 25, 2010	Apr 23, 2010	0.821634
Apr 26, 2010	May 24, 2010	0.821634
May 25, 2010	Jun 24, 2010	0.821634
Jun 25, 2010	Jul 23, 2010	0.821634
	Aug 24, 2010	0.821634
Jul 26, 2010		0.821634
Aug 25, 2010 Sep 27, 2010	Sep 24, 2010 Oct 22, 2010	0.821634
Oct 25, 2010	Nov 24, 2010	0.821634
Nov 26, 2010	Dec 23, 2010	0.821634
Dec 27, 2010	Jan 24, 2011	0.821634
Jan 25, 2011	Feb 24, 2011	0.821634
Feb 25, 2011	Mar 24, 2011	0.821634
Mar 25, 2011	Apr 22, 2011	0.821634
Apr 25, 2011	May 24, 2011	0.821634
May 25, 2011	Jun 24, 2011	0.821634
Jun 27, 2011	Jul 22, 2011	0.821634 0.821634
Jul 25, 2011	Aug 24, 2011	0.821634
		J.UZ1UJ+

### **A5 Certificate Factor Chart**

<u>To</u>	<u>Factor</u>
Sep 23, 2011	0.821634
Oct 24, 2011	0.821634
Nov 23, 2011	0.821634
Dec 23, 2011	0.821634
Jan 24, 2012	0.821634
Feb 24, 2012	0.821634
Mar 23, 2012	0.821634
Apr 24, 2012	0.821634
May 24, 2012	0.821634
Jun 22, 2012	0.821634
Jul 24, 2012	0.821634
Aug 24, 2012	0.821634
Sep 24, 2012	0.821634
Oct 24, 2012	0.821634
Nov 23, 2012	0.821634
Dec 24, 2012	0.821634
Jan 24, 2013	0.821634
Feb 22, 2013	0.821634
Mar 22, 2013	0.821634
Apr 24, 2013	0.821634
May 24, 2013	0.821634
Jun 24, 2013	0.821634
Jul 24, 2013	0.821634
Aug 23, 2013	0.821634
Sep 24, 2013	0.821634
Oct 24, 2013	0.821634
Nov 22, 2013	0.821634
Dec 24, 2013	0.821634
Jan 24, 2014	0.821634
Feb 24, 2014	0.821634
Mar 24, 2014	0.821634
Apr 24, 2014	0.821634
May 23, 2014	0.821634
Jun 24, 2014	0.821634
Jul 24, 2014	0.821634
Aug 22, 2014	0.821634
Sep 24, 2014	0.821634
Oct 24, 2014	0.821634
Nov 24, 2014	0.821634
Dec 24, 2014	0.821634
Jan 23, 2015	0.821634
Feb 24, 2015	0.821634
Mar 24, 2015	0.821634
Apr 24, 2015	0.821634
May 22, 2015	0.821634
Jun 24, 2015	0.821634
	0.821634
	Sep 23, 2011 Oct 24, 2011 Nov 23, 2011 Dec 23, 2011 Jan 24, 2012 Feb 24, 2012 Mar 23, 2012 Apr 24, 2012 Jun 22, 2012 Jul 24, 2012 Sep 24, 2012 Sep 24, 2012 Oct 24, 2012 Dec 24, 2012 Jan 24, 2013 Feb 22, 2013 Mar 22, 2013 Mar 22, 2013 May 24, 2013 Sep 24, 2013 Dec 24, 2013 Jun 24, 2013 Feb 22, 2013 May 24, 2013 Jun 24, 2013 Dec 24, 2013 Jun 24, 2013 Aug 23, 2013 Sep 24, 2013 Oct 24, 2013 Dec 24, 2013 Dec 24, 2014 May 23, 2014 Feb 24, 2014 May 23, 2014 Jun 24, 2014 Sep 24, 2014 Sep 24, 2014 Nov 24, 2014 Nov 24, 2014 Nov 24, 2014 Sep 24, 2014 Nov 24, 2014 Sep 24, 2014 Nov 24, 2014 Nov 24, 2014 Sep 24, 2014 Nov 24, 2014 Nov 24, 2014 Nov 24, 2014 Nov 24, 2014 Sep 24, 2015 Mar 24, 2015 Mar 24, 2015 Mar 24, 2015 May 22, 2015

### 2A1 Certificate Factor Chart

From	То	Factor
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.996148
Aug 27, 2007	Sep 24, 2007	0.974371
Sep 25, 2007	Oct 24, 2007	0.957310
Oct 25, 2007	Nov 23, 2007	0.947748
Nov 26, 2007	Dec 24, 2007	0.930689
Dec 26, 2007	Jan 24, 2008	0.926802
Jan 25, 2008	Feb 22, 2008	0.911546
Feb 25, 2008	Mar 24, 2008	0.902878
Mar 25, 2008	Apr 24, 2008	0.888892
Apr 25, 2008	May 23, 2008	0.874742
May 27, 2008	Jun 24, 2008	0.864418
Jun 25, 2008	Jul 24, 2008	0.850292
Jul 25, 2008	Aug 22, 2008	0.834570
Aug 25, 2008	Sep 24, 2008	0.816005
Sep 25, 2008	Oct 24, 2008	0.805713
Oct 27, 2008	Nov 24, 2008	0.793020
Nov 25, 2008	Dec 24, 2008	0.784947
Dec 26, 2008	Jan 23, 2009	0.780445
Jan 26, 2009	Feb 24, 2009	0.772153
Feb 25, 2009	Mar 24, 2009	0.761965
Mar 25, 2009	Apr 24, 2009	0.748070
Apr 27, 2009	May 22, 2009	0.728454
May 26, 2009	Jun 24, 2009	0.705542
Jun 25, 2009	Jul 24, 2009	0.698548
Jul 27, 2009	Aug 24, 2009	0.689884
Aug 25, 2009	Sep 24, 2009	0.682285
Sep 25, 2009	Oct 23, 2009	0.673220
Oct 26, 2009	Nov 24, 2009	0.664301
Nov 25, 2009	Dec 24, 2009	0.651945
Dec 28, 2009	Jan 22, 2010	0.625407
Jan 25, 2010	Feb 24, 2010	0.606877
Feb 25, 2010	Mar 24, 2010	0.590357
Mar 25, 2010	Apr 23, 2010	0.582241
Apr 26, 2010	May 24, 2010	0.572448
May 25, 2010	Jun 24, 2010	0.553827
Jun 25, 2010	Jul 23, 2010	0.539368
Jul 26, 2010	Aug 24, 2010	0.528403
Aug 25, 2010	Sep 24, 2010	0.517560
Sep 27, 2010	Oct 22, 2010	0.498729
Oct 25, 2010	Nov 24, 2010	0.484167
Nov 26, 2010	Dec 23, 2010	0.466039
Dec 27, 2010	Jan 24, 2011	0.443017
Jan 25, 2011	Feb 24, 2011	0.432353
Feb 25, 2011	Mar 24, 2011	0.421632
Mar 25, 2011	Apr 22, 2011	0.405499
Apr 25, 2011	May 24, 2011	0.386918
May 25, 2011	Jun 24, 2011	0.362836
Jun 27, 2011	Jul 22, 2011	0.350102
Jul 25, 2011	Aug 24, 2011	0.333255

### 2A1 Certificate Factor Chart

From Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	0.320014
Oct 25, 2011	Nov 23, 2011	0.316275
Nov 25, 2011	Dec 23, 2011	0.308602
Dec 27, 2011	Jan 24, 2012	0.299144
Jan 25, 2012	Feb 24, 2012	0.290346
Feb 27, 2012	Mar 23, 2012	0.286958
Mar 26, 2012	Apr 24, 2012	0.280297
Apr 25, 2012	May 24, 2012	0.267793
May 25, 2012	Jun 22, 2012	0.262082
Jun 25, 2012	Jul 24, 2012	0.252344
Jul 25, 2012	Aug 24, 2012	0.248792
Aug 27, 2012	Sep 24, 2012	0.243643
Sep 25, 2012	Oct 24, 2012	0.240833
Oct 25, 2012	Nov 23, 2012	0.236482
Nov 26, 2012	Dec 24, 2012	0.227781
Dec 26, 2012	Jan 24, 2013	0.222332
Jan 25, 2013	Feb 22, 2013	0.219601
Feb 25, 2013	Mar 22, 2013	0.212685
Mar 25, 2013	Apr 24, 2013	0.207639
Apr 25, 2013	May 24, 2013	0.205864
May 28, 2013	Jun 24, 2013	0.203408
Jun 25, 2013	Jul 24, 2013	0.201650
Jul 25, 2013	Aug 23, 2013	0.199466
Aug 26, 2013	Sep 24, 2013	0.196291
Sep 25, 2013	Oct 24, 2013	0.193539
Oct 25, 2013	Nov 22, 2013	0.191176
Nov 25, 2013	Dec 24, 2013	0.189170
Dec 26, 2013	Jan 24, 2014	0.187182
Jan 27, 2014	Feb 24, 2014	0.184122
Feb 25, 2014	Mar 24, 2014	0.180328
Mar 25, 2014	Apr 24, 2014	0.178392
Apr 25, 2014	May 23, 2014	0.178027
May 27, 2014	Jun 24, 2014	0.176266
Jun 25, 2014	Jul 24, 2014	0.175167
Jul 25, 2014	Aug 22, 2014	0.174235
Aug 25, 2014	Sep 24, 2014	0.172330
Sep 25, 2014	Oct 24, 2014	0.170615
Oct 27, 2014	Nov 24, 2014	0.167298
Nov 25, 2014	Dec 24, 2014	0.166529
Dec 26, 2014	Jan 23, 2015	0.165558
Jan 26, 2015	Feb 24, 2015	0.163660
Feb 25, 2015	Mar 24, 2015	0.162762
Mar 25, 2015	Apr 24, 2015	0.160075
Apr 27, 2015	May 22, 2015	0.156138
May 26, 2015	Jun 24, 2015	0.155301
Jun 25, 2015	Juli 27, 2013	0.152832
Jun 23, 2013		0.149712

### M1 Certificate Factor Chart

From	То	Factor
<del></del>	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	0.876269

### M1 Certificate Factor Chart

<u>From</u> Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	0.684056
Oct 25, 2011	Nov 23, 2011	0.610742
Nov 25, 2011	Dec 23, 2011	0.523471
Dec 27, 2011	Jan 24, 2012	0.523471
Jan 25, 2012	Feb 24, 2012	0.522864
Feb 27, 2012	Mar 23, 2012	0.412812
Mar 26, 2012	Apr 24, 2012	0.313481
Apr 25, 2012	May 24, 2012	0.313481
May 25, 2012	Jun 22, 2012	0.313481
Jun 25, 2012	Jul 24, 2012	0.149449
Jul 25, 2012	Aug 24, 2012	0.126910
Aug 27, 2012	Sep 24, 2012	0.005499
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
·		0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### **M2 Certificate Factor Chart**

From	То	Factor
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
	<u> </u>	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011 Mar 25, 2011	Mar 24, 2011 Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	0.886874
Jul 25, 2011	Aug 24, 2011	0.533470
Jul 23, 2011	746 27, 2011	0.000000

### **M2 Certificate Factor Chart**

Fram	То	Footor
From Aug 25, 2011	Sep 23, 2011	<u>Factor</u> 0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015 Feb 25, 2015	Feb 24, 2015	0.000000
	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015 May 22, 2015	0.000000
Apr 27, 2015	•	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M3 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000

### M3 Certificate Factor Chart

Fram	То	Footor
From Aug 25, 2011	Sep 23, 2011	<u>Factor</u> 0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015 Feb 25, 2015	Feb 24, 2015	0.000000
	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015 May 22, 2015	0.000000
Apr 27, 2015	•	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M4 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	0.775057
Mar 25, 2011 Apr 25, 2011	Apr 22, 2011 May 24, 2011	0.563930
May 25, 2011	Jun 24, 2011	0.056469
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
		0.000000

## M4 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## M5 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	0.727708
Jan 25, 2011	Feb 24, 2011	0.411054
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011 Jul 22, 2011	0.000000
Jun 27, 2011	•	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000

## M5 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## M6 Certificate Factor Chart

From	То	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	0.435154
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000

## M6 Certificate Factor Chart

Fram	То	Footor
From Aug 25, 2011	Sep 23, 2011	<u>Factor</u> 0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015 Feb 25, 2015	Feb 24, 2015	0.000000
	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015 May 22, 2015	0.000000
Apr 27, 2015	•	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **B1** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	0.631617
Oct 25, 2010	Nov 24, 2010	0.192800
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011 Apr 25, 2011	Apr 22, 2011 May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
		0.000000

## **B1** Certificate Factor Chart

<b>-</b>	<u>-</u> .	F1
From Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.00000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **B2** Certificate Factor Chart

From	То	Factor
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	0.993330
May 25, 2010	Jun 24, 2010	0.889530
Jun 25, 2010	Jul 23, 2010	0.731053
Jul 26, 2010	Aug 24, 2010	0.625232
Aug 25, 2010	Sep 24, 2010	0.431238
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000

## **B2** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## A1 Certificate Factor Chart

<u>From</u>	То	Factor
	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	0.974139
Sep 25, 2007	Oct 24, 2007	0.946948
Oct 25, 2007	Nov 23, 2007	0.918726
Nov 26, 2007	Dec 24, 2007	0.859107
Dec 26, 2007	Jan 24, 2008	0.808075
Jan 25, 2008	Feb 22, 2008	0.776981
Feb 25, 2008	Mar 24, 2008	0.769510
Mar 25, 2008	Apr 24, 2008	0.748035
Apr 25, 2008	May 23, 2008	0.722023
May 27, 2008	Jun 24, 2008	0.656097
Jun 25, 2008	Jul 24, 2008	0.622080
Jul 25, 2008	Aug 22, 2008	0.603836
Aug 25, 2008	Sep 24, 2008	0.593407
Sep 25, 2008	Oct 24, 2008	0.584900
Oct 27, 2008	Nov 24, 2008	0.569988
Nov 25, 2008	Dec 24, 2008	0.552194
Dec 26, 2008	Jan 23, 2009	0.533537
Jan 26, 2009	Feb 24, 2009	0.513266
Feb 25, 2009	Mar 24, 2009	0.504032
Mar 25, 2009	Apr 24, 2009	0.492964
Apr 27, 2009	May 22, 2009	0.483877
May 26, 2009	Jun 24, 2009	0.437992
Jun 25, 2009	Jul 24, 2009	0.404551
Jul 27, 2009	Aug 24, 2009	0.383322
Aug 25, 2009	Sep 24, 2009	0.362577
Sep 25, 2009	Oct 23, 2009	0.342311
Oct 26, 2009	Nov 24, 2009	0.301129
Nov 25, 2009	Dec 24, 2009	0.285565
Dec 28, 2009	Jan 22, 2010	0.261828
Jan 25, 2010	Feb 24, 2010	0.217199
Feb 25, 2010	Mar 24, 2010	0.202611
Mar 25, 2010	Apr 23, 2010	0.195098
Apr 26, 2010	May 24, 2010	0.178818
May 25, 2010	Jun 24, 2010	0.164895
Jun 25, 2010	Jul 23, 2010	0.144662
Jul 26, 2010	Aug 24, 2010	0.108475
Aug 25, 2010	Sep 24, 2010	0.086398
Sep 27, 2010	Oct 22, 2010	0.054064
Oct 25, 2010	Nov 24, 2010	0.021885
Nov 26, 2010	Dec 23, 2010	0.005928
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000

## A1 Certificate Factor Chart

From	То	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	0.00000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **A2 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	0.989067
Jan 25, 2011	Feb 24, 2011	0.967516
Feb 25, 2011	Mar 24, 2011	0.954885
Mar 25, 2011	Apr 22, 2011	0.940626
Apr 25, 2011 May 25, 2011	May 24, 2011 Jun 24, 2011	0.917962
Jun 27, 2011	Jul 22, 2011	0.898066
Jul 25, 2011	Aug 24, 2011	0.872726
Aug 25, 2011	Sep 23, 2011	0.845347
, 145 23, 2011	3CP 23, 2011	0.811688

## **A2 Certificate Factor Chart**

From Sep 26, 2011	<u>To</u> Oct 24, 2011	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.785308
Nov 25, 2011	Dec 23, 2011	0.765624
Dec 27, 2011	Jan 24, 2012	0.758483
Jan 25, 2012	Feb 24, 2012	0.738793
Feb 27, 2012	Mar 23, 2012	0.723248
Mar 26, 2012	Apr 24, 2012	0.710041
Apr 25, 2012	May 24, 2012	0.689550
May 25, 2012	Jun 22, 2012	0.668125
Jun 25, 2012	Jul 24, 2012	0.641639
Jul 25, 2012	Aug 24, 2012	0.625889
Aug 27, 2012	Sep 24, 2012	0.604753
Sep 25, 2012	Oct 24, 2012	0.591234
	Nov 23, 2012	0.570272
Oct 25, 2012 Nov 26, 2012		0.555433
	Dec 24, 2012	0.534666
Dec 26, 2012	Jan 24, 2013	0.525053
Jan 25, 2013	Feb 22, 2013	0.513745
Feb 25, 2013	Mar 22, 2013	0.505417
Mar 25, 2013	Apr 24, 2013	0.502940
Apr 25, 2013	May 24, 2013	0.495441
May 28, 2013	Jun 24, 2013	0.486954
Jun 25, 2013	Jul 24, 2013	0.480778
Jul 25, 2013	Aug 23, 2013	0.475950
Aug 26, 2013	Sep 24, 2013	0.468736
Sep 25, 2013	Oct 24, 2013	0.454648
Oct 25, 2013	Nov 22, 2013	0.445124
Nov 25, 2013	Dec 24, 2013	0.441779
Dec 26, 2013	Jan 24, 2014	0.436803
Jan 27, 2014	Feb 24, 2014	0.431464
Feb 25, 2014	Mar 24, 2014	0.419971
Mar 25, 2014	Apr 24, 2014	0.416736
Apr 25, 2014	May 23, 2014	0.413092
May 27, 2014	Jun 24, 2014	0.404604
Jun 25, 2014	Jul 24, 2014	0.400579
Jul 25, 2014	Aug 22, 2014	0.395369
Aug 25, 2014	Sep 24, 2014	0.391022
Sep 25, 2014	Oct 24, 2014	0.387070
Oct 27, 2014	Nov 24, 2014	0.379133
Nov 25, 2014	Dec 24, 2014	0.373347
Dec 26, 2014	Jan 23, 2015	0.370715
Jan 26, 2015	Feb 24, 2015	0.367130
Feb 25, 2015	Mar 24, 2015	0.363168
Mar 25, 2015	Apr 24, 2015	0.358240
Apr 27, 2015	May 22, 2015	0.349772
May 26, 2015	Jun 24, 2015	0.346585
Jun 25, 2015		0.337804

## A3 Certificate Factor Chart

From	То	<u>Factor</u>
	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
	Aug 24, 2009	1.000000
Jul 27, 2009		1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000

## **A3 Certificate Factor Chart**

From	То	Easter
Sep 26, 2011	Oct 24, 2011	<u>Factor</u> 1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	0.962612
Dec 26, 2012	Jan 24, 2013	0.945303
Jan 25, 2013	Feb 22, 2013	0.924945
Feb 25, 2013	Mar 22, 2013	0.909951
Mar 25, 2013	Apr 24, 2013	0.905491
Apr 25, 2013	May 24, 2013	0.891991
May 28, 2013	Jun 24, 2013	0.876710
Jun 25, 2013	Jul 24, 2013	0.865592
Jul 25, 2013	Aug 23, 2013	0.856898
Aug 26, 2013 Sep 25, 2013	Sep 24, 2013 Oct 24, 2013	0.843911
Oct 25, 2013	Nov 22, 2013	0.818547
Nov 25, 2013	Dec 24, 2013	0.801401
Dec 26, 2013	Jan 24, 2014	0.795378
Jan 27, 2014	Feb 24, 2014	0.786419
Feb 25, 2014	Mar 24, 2014	0.776806
Mar 25, 2014	Apr 24, 2014	0.756114 0.750291
Apr 25, 2014	May 23, 2014	0.743730
May 27, 2014	Jun 24, 2014	0.728447
Jun 25, 2014	Jul 24, 2014	0.721201
Jul 25, 2014	Aug 22, 2014	0.711821
Aug 25, 2014	Sep 24, 2014	0.703996
Sep 25, 2014	Oct 24, 2014	0.696880
Oct 27, 2014	Nov 24, 2014	0.682590
Nov 25, 2014	Dec 24, 2014	0.672173
Dec 26, 2014	Jan 23, 2015	0.667435
Jan 26, 2015	Feb 24, 2015	0.660980
Feb 25, 2015	Mar 24, 2015	0.653847
Mar 25, 2015	Apr 24, 2015	0.644974
Apr 27, 2015	May 22, 2015	0.629728
May 26, 2015	Jun 24, 2015	0.623990
Jun 25, 2015		0.608180

## **A4 Certificate Factor Chart**

From	То	Factor
	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	0.989746
Sep 25, 2007	Oct 24, 2007	0.978964
Oct 25, 2007	Nov 23, 2007	0.967773
Nov 26, 2007	Dec 24, 2007	0.944133
Dec 26, 2007	Jan 24, 2008	0.923898
Jan 25, 2008	Feb 22, 2008	0.911569
Feb 25, 2008	Mar 24, 2008	0.908606
Mar 25, 2008	Apr 24, 2008	0.900091
Apr 25, 2008	May 23, 2008	0.889777
May 27, 2008	Jun 24, 2008	
Jun 25, 2008	Jul 24, 2008	0.863636
Jul 25, 2008	Aug 22, 2008	0.850148
Aug 25, 2008	Sep 24, 2008	0.842914
Sep 25, 2008	Oct 24, 2008	0.838778
Oct 27, 2008	Nov 24, 2008	0.835405
Nov 25, 2008	Dec 24, 2008	0.829492
Dec 26, 2008	Jan 23, 2009	0.822437
Jan 26, 2009	Feb 24, 2009	0.822437
Feb 25, 2009	Mar 24, 2009	0.822437
Mar 25, 2009	Apr 24, 2009	0.822437
Apr 27, 2009	May 22, 2009	0.822437
May 26, 2009	Jun 24, 2009	0.822437
Jun 25, 2009	Jul 24, 2009	0.822437
Jul 27, 2009	Aug 24, 2009	0.822437
Aug 25, 2009	Sep 24, 2009	0.822437
Sep 25, 2009	Oct 23, 2009	0.822437
Oct 26, 2009	Nov 24, 2009	0.822437
	•	0.822437
Nov 25, 2009	Dec 24, 2009 Jan 22, 2010	0.822437
Dec 28, 2009	Feb 24, 2010	0.822437
Jan 25, 2010	·	0.822437
Feb 25, 2010	Mar 24, 2010	0.822437
Mar 25, 2010	Apr 23, 2010	0.822437
Apr 26, 2010	May 24, 2010	0.822437
May 25, 2010	Jun 24, 2010	0.822437
Jun 25, 2010	Jul 23, 2010	0.822437
Jul 26, 2010	Aug 24, 2010	0.822437
Aug 25, 2010	Sep 24, 2010	0.822437
Sep 27, 2010	Oct 22, 2010	0.822437
Oct 25, 2010	Nov 24, 2010	0.822437
Nov 26, 2010	Dec 23, 2010	0.822437
Dec 27, 2010	Jan 24, 2011	0.822437
Jan 25, 2011	Feb 24, 2011	0.822437
Feb 25, 2011 Mar 25, 2011	Mar 24, 2011 Apr 22, 2011	0.822437
Apr 25, 2011	May 24, 2011	0.822437
May 25, 2011	Jun 24, 2011	0.822437
Jun 27, 2011	Jul 22, 2011	0.822437
Jul 25, 2011	Aug 24, 2011	0.822437
Aug 25, 2011	Sep 23, 2011	0.822437
, lug 23, 2011	3cp 23, 2011	0.822437

## **A4 Certificate Factor Chart**

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From Sep 26, 2011	<u>To</u> Oct 24, 2011	Factor
Oct 25, 2011	Nov 23, 2011	0.822437 0.822437
Nov 25, 2011	Dec 23, 2011	0.822437
Dec 27, 2011	Jan 24, 2012	0.822437
Jan 25, 2012	Feb 24, 2012	0.822437
Feb 27, 2012	Mar 23, 2012	0.822437
Mar 26, 2012	Apr 24, 2012	0.822437
Apr 25, 2012	May 24, 2012	0.822437
May 25, 2012	Jun 22, 2012	0.822437
Jun 25, 2012	Jul 24, 2012	0.822437
Jul 25, 2012	Aug 24, 2012	0.822437
Aug 27, 2012	Sep 24, 2012	0.822437
Sep 25, 2012	Oct 24, 2012	0.822437
Oct 25, 2012	Nov 23, 2012	0.822437
Nov 26, 2012	Dec 24, 2012	0.822437
Dec 26, 2012	Jan 24, 2013	0.822437
Jan 25, 2013	Feb 22, 2013	0.822437
Feb 25, 2013	Mar 22, 2013	0.822437
Mar 25, 2013	Apr 24, 2013	0.822437
Apr 25, 2013	May 24, 2013	0.822437
May 28, 2013	Jun 24, 2013	0.822437
Jun 25, 2013	Jul 24, 2013	0.822437
Jul 25, 2013	Aug 23, 2013	0.822437
Aug 26, 2013	Sep 24, 2013	0.822437
Sep 25, 2013	Oct 24, 2013	0.822437
Oct 25, 2013	Nov 22, 2013	0.822437
Nov 25, 2013	Dec 24, 2013	0.822437
Dec 26, 2013	Jan 24, 2014	0.822437
Jan 27, 2014	Feb 24, 2014 Mar 24, 2014	0.822437
Feb 25, 2014  Mar 25, 2014	Apr 24, 2014	0.822437
Apr 25, 2014	May 23, 2014	0.822437
May 27, 2014	Jun 24, 2014	0.822437
Jun 25, 2014	Jul 24, 2014	0.822437
Jul 25, 2014	Aug 22, 2014	0.822437
Aug 25, 2014	Sep 24, 2014	0.822437
Sep 25, 2014	Oct 24, 2014	0.822437 0.822437
Oct 27, 2014	Nov 24, 2014	0.822437
Nov 25, 2014	Dec 24, 2014	0.822437
Dec 26, 2014	Jan 23, 2015	0.822437
Jan 26, 2015	Feb 24, 2015	0.822437
Feb 25, 2015	Mar 24, 2015	0.822437
Mar 25, 2015	Apr 24, 2015	0.822437
Apr 27, 2015	May 22, 2015	0.822437
May 26, 2015	Jun 24, 2015	0.822437
Jun 25, 2015		0.822437
-		

## **M1** Certificate Factor Chart

<u>From</u>	То	Factor
<u> </u>	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011 Apr 25, 2011	Apr 22, 2011 May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
	• •	1.000000

## **M1** Certificate Factor Chart

From	То	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	0.981899
Feb 27, 2012	Mar 23, 2012	0.736809
Mar 26, 2012	Apr 24, 2012	0.593285
Apr 25, 2012	May 24, 2012	0.572854
May 25, 2012	Jun 22, 2012	0.460105
Jun 25, 2012	Jul 24, 2012	0.361626
Jul 25, 2012	Aug 24, 2012	0.136449
Aug 27, 2012	Sep 24, 2012	0.101122
Sep 25, 2012	Oct 24, 2012	0.043389
Oct 25, 2012	Nov 23, 2012	0.002281
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **M2** Certificate Factor Chart

<u>From</u>	То	Factor
<u> </u>	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011 May 25, 2011	May 24, 2011 Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	0.889995
	Jep 25, 2011	0.705465

## **M2** Certificate Factor Chart

From	То	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	0.423492
Oct 25, 2011	Nov 23, 2011	0.405191
Nov 25, 2011	Dec 23, 2011	0.405778
Dec 27, 2011	Jan 24, 2012	0.405778
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## M3 Certificate Factor Chart

From	То	Factor
	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	0.798601
Dec 27, 2010	Jan 24, 2011	0.674893
Jan 25, 2011	Feb 24, 2011	0.750207
Feb 25, 2011	Mar 24, 2011	0.609081
Mar 25, 2011	Apr 22, 2011	0.450911
Apr 25, 2011	May 24, 2011	0.453630
May 25, 2011	Jun 24, 2011	0.453951
Jun 27, 2011	Jul 22, 2011	0.206903
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000

## M3 Certificate Factor Chart

From	То	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	0.00000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## M4 Certificate Factor Chart

From	То	Factor
	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
	Apr 23, 2010	1.000000
Mar 25, 2010		1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	0.231722
Oct 25, 2010	Nov 24, 2010 Dec 23, 2010	0.000000
Nov 26, 2010	·	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011 Feb 25, 2011	Feb 24, 2011 Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
		0.000000

## M4 Certificate Factor Chart

From	То	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	0.00000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **M5 Certificate Factor Chart**

From	То	Factor
	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	0.369777
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011 May 25, 2011	May 24, 2011 Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Aug 23, 2011	Jep 23, 2011	0.000000

## **M5 Certificate Factor Chart**

From	То	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	0.00000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## M6 Certificate Factor Chart

<u>From</u>	То	Factor
<u> </u>	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	0.415820
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011 Feb 25, 2011	Feb 24, 2011 Mar 24, 2011	0.000000
	•	0.000000
Mar 25, 2011 Apr 25, 2011	Apr 22, 2011 May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000

## M6 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **B1** Certificate Factor Chart

From	То	<u>Factor</u>
	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
		1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	0.973983
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000

## **B1** Certificate Factor Chart

From	То	Factor
Sep 26, 2011	Oct 24, 2011	<u>Factor</u> 0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013 Sep 25, 2013	Sep 24, 2013 Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **B2** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	0.508154
Feb 25, 2010	Mar 24, 2010	0.404217
Mar 25, 2010	Apr 23, 2010	0.406934
Apr 26, 2010	May 24, 2010	0.415441
May 25, 2010	Jun 24, 2010	0.258460
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011 Aug 24, 2011	0.000000
Jul 25, 2011 Aug 25, 2011	Sep 23, 2011	0.000000
Aug 23, 2011	JCP 23, 2011	0.000000

## **B2** Certificate Factor Chart

То	<u>Factor</u>
Oct 24, 2011	0.00000
Nov 23, 2011	0.000000
Dec 23, 2011	0.000000
Jan 24, 2012	0.000000
Feb 24, 2012	0.000000
Mar 23, 2012	0.000000
Apr 24, 2012	0.000000
May 24, 2012	0.000000
Jun 22, 2012	0.000000
Jul 24, 2012	0.000000
Aug 24, 2012	0.000000
Sep 24, 2012	0.000000
Oct 24, 2012	0.000000
Nov 23, 2012	0.000000
Dec 24, 2012	0.000000
Jan 24, 2013	0.000000
Feb 22, 2013	0.000000
Mar 22, 2013	0.000000
Apr 24, 2013	0.000000
May 24, 2013	0.000000
Jun 24, 2013	0.000000
Jul 24, 2013	0.000000
Aug 23, 2013	0.000000
Sep 24, 2013	0.000000
Oct 24, 2013	0.000000
Nov 22, 2013	0.000000
Dec 24, 2013	0.000000
Jan 24, 2014	0.000000
Feb 24, 2014	0.000000
Mar 24, 2014	0.000000
Apr 24, 2014	0.000000
May 23, 2014	0.000000
Jun 24, 2014	0.000000
Jul 24, 2014	0.000000
Aug 22, 2014	0.000000
Sep 24, 2014	0.000000
Oct 24, 2014	0.000000
Nov 24, 2014	0.000000
Dec 24, 2014	0.000000
Jan 23, 2015	0.000000
Feb 24, 2015	0.000000
Mar 24, 2015	0.000000
Apr 24, 2015	0.000000
May 22, 2015	0.000000
Jun 24, 2015	0.000000
	0.000000
	Oct 24, 2011  Nov 23, 2011  Dec 23, 2011  Jan 24, 2012  Feb 24, 2012  Mar 23, 2012  Apr 24, 2012  May 24, 2012  Jun 22, 2012  Jul 24, 2012  Sep 24, 2012  Oct 24, 2012  Dec 24, 2012  Jan 24, 2013  Feb 22, 2013  Mar 22, 2013  Mar 22, 2013  Mar 24, 2013  Jul 24, 2013  Jul 24, 2013  Feb 22, 2013  Mar 24, 2013  Jul 24, 2013  Aug 23, 2013  Sep 24, 2013  Oct 24, 2013  Dec 24, 2013  Dec 24, 2014  Mar 24, 2014  Mar 24, 2014  Mar 24, 2014  Jul 24, 2014  Sep 24, 2014  Nov 24, 2014  Nov 24, 2014  Dec 24, 2014  Sep 24, 2014  Dec 24, 2014  Dec 24, 2014  Sep 24, 2015  May 22, 2015  May 22, 2015

## **B3 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	0.868873
Nov 25, 2009	Dec 24, 2009	0.569812
Dec 28, 2009	Jan 22, 2010	0.575275
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011 May 25, 2011	May 24, 2011 Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
, 145 23, 2011	3CP 23, 2011	0.000000

## **B3 Certificate Factor Chart**

Fram	To	Fastor
From Sep 26, 2011	<u>To</u> Oct 24, 2011	<u>Factor</u> 0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013 Nov 25, 2013	Nov 22, 2013	0.000000
Dec 26, 2013	Dec 24, 2013 Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

# A1A Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.997736
Dec 26, 2007	Jan 24, 2008	0.996808
Jan 25, 2008	Feb 22, 2008	0.994175
Feb 25, 2008	Mar 24, 2008	0.992978
Mar 25, 2008	Apr 24, 2008	0.992156
Apr 25, 2008	May 23, 2008	0.991363
May 27, 2008	Jun 24, 2008	0.990484
Jun 25, 2008	Jul 24, 2008	0.979552
Jul 25, 2008	Aug 22, 2008	0.936083
Aug 25, 2008	Sep 24, 2008	0.917380
Sep 25, 2008	Oct 24, 2008	0.916585
Oct 27, 2008	Nov 24, 2008	0.915754
Nov 25, 2008	Dec 24, 2008	0.914178
Dec 26, 2008	Jan 23, 2009	0.913361
Jan 26, 2009	Feb 24, 2009	0.912532
Feb 25, 2009	Mar 24, 2009	0.910901
Mar 25, 2009	Apr 24, 2009	0.910084
Apr 27, 2009	May 22, 2009	0.905710
May 26, 2009	Jun 24, 2009	0.889082
Jun 25, 2009	Jul 24, 2009	0.888220
Jul 27, 2009	Aug 24, 2009	0.876883
Aug 25, 2009	Sep 24, 2009	0.876013
Sep 25, 2009	Oct 23, 2009	0.872333
Oct 26, 2009	Nov 24, 2009	0.869454
Nov 25, 2009	Dec 24, 2009	0.868495
Dec 28, 2009	Jan 22, 2010	0.858820
Jan 25, 2010	Feb 24, 2010	0.858005
Feb 25, 2010	Mar 24, 2010	0.857141
Mar 25, 2010	Apr 23, 2010	0.842219
Apr 26, 2010	May 24, 2010	0.822700
May 25, 2010	Jun 24, 2010	0.805986
Jun 25, 2010	Jul 23, 2010	0.805143
Jul 26, 2010	Aug 24, 2010	0.789025
Aug 25, 2010	Sep 24, 2010	0.764930
Sep 27, 2010	Oct 22, 2010	0.763196
Oct 25, 2010	Nov 24, 2010	0.762374
Nov 26, 2010	Dec 23, 2010	0.741703
Dec 27, 2010	Jan 24, 2011	0.689818
Jan 25, 2011	Feb 24, 2011	0.677526
Feb 25, 2011	Mar 24, 2011	0.676747
Mar 25, 2011	Apr 22, 2011	0.670000
Apr 25, 2011	May 24, 2011	0.637278
May 25, 2011	Jun 24, 2011	0.626679
Jun 27, 2011	Jul 22, 2011	0.625198
Jul 25, 2011	Aug 24, 2011	0.624544
Aug 25, 2011	Sep 23, 2011	0.613120
Sep 26, 2011	Oct 24, 2011	0.608855

## A1A Certificate Factor Chart

From	То	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.608067
Nov 25, 2011	Dec 23, 2011	0.607319
Dec 27, 2011	Jan 24, 2012	0.598898
Jan 25, 2012	Feb 24, 2012	0.588410
Feb 27, 2012	Mar 23, 2012	0.585268
Mar 26, 2012	Apr 24, 2012	0.581359
Apr 25, 2012	May 24, 2012	0.576666
May 25, 2012	Jun 22, 2012	0.574983
Jun 25, 2012	Jul 24, 2012	0.570512
Jul 25, 2012	Aug 24, 2012	0.570512
Aug 27, 2012	Sep 24, 2012	0.570347
Sep 25, 2012	Oct 24, 2012	0.549775
Oct 25, 2012	Nov 23, 2012	0.539303
Nov 26, 2012	Dec 24, 2012	0.511904
Dec 26, 2012	Jan 24, 2013	0.511468
Jan 25, 2013	Feb 22, 2013	0.499552
Feb 25, 2013	Mar 22, 2013	0.497304
Mar 25, 2013	Apr 24, 2013	0.496890
Apr 25, 2013	May 24, 2013	0.496414
May 28, 2013	Jun 24, 2013	0.491442
Jun 25, 2013	Jul 24, 2013	0.484892
Jul 25, 2013	Aug 23, 2013	0.449021
Aug 26, 2013	Sep 24, 2013	0.430098
Sep 25, 2013	Oct 24, 2013	0.430098
Oct 25, 2013	Nov 22, 2013	0.427875
Nov 25, 2013	Dec 24, 2013	0.420926
Dec 26, 2013	Jan 24, 2014	0.420631
Jan 27, 2014	Feb 24, 2014	0.420334
Feb 25, 2014	Mar 24, 2014	0.419996
Mar 25, 2014	Apr 24, 2014	0.416854
Apr 25, 2014	May 23, 2014	0.416421
May 27, 2014	Jun 24, 2014	0.414012
Jun 25, 2014	Jul 24, 2014	0.413634
Jul 25, 2014	Aug 22, 2014	0.407702
Aug 25, 2014	Sep 24, 2014	0.395389
Sep 25, 2014	Oct 24, 2014	0.395109
Oct 27, 2014	Nov 24, 2014	0.393738
Nov 25, 2014	Dec 24, 2014	0.393738
Dec 26, 2014	Jan 23, 2015	0.393738
Jan 26, 2015	Feb 24, 2015	0.382363
Feb 25, 2015	Mar 24, 2015	0.381944
Mar 25, 2015	Apr 24, 2015	0.378503
Apr 27, 2015	May 22, 2015	0.378322
May 26, 2015	Jun 24, 2015	0.359257
Jun 25, 2015		0.358961

## A1B Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.997736
Dec 26, 2007	Jan 24, 2008	0.996808
Jan 25, 2008	Feb 22, 2008	0.994175
Feb 25, 2008	Mar 24, 2008	0.992978
Mar 25, 2008	Apr 24, 2008	0.992156
Apr 25, 2008	May 23, 2008	0.991363
May 27, 2008	Jun 24, 2008	0.990484
Jun 25, 2008	Jul 24, 2008	0.979552
Jul 25, 2008	Aug 22, 2008	0.936083
Aug 25, 2008	Sep 24, 2008	0.917380
Sep 25, 2008	Oct 24, 2008	0.916585
Oct 27, 2008	Nov 24, 2008	0.915754
Nov 25, 2008	Dec 24, 2008	0.914178
Dec 26, 2008	Jan 23, 2009	0.913361
Jan 26, 2009	Feb 24, 2009	0.912532
Feb 25, 2009	Mar 24, 2009	0.910901
Mar 25, 2009	Apr 24, 2009	0.910084
Apr 27, 2009	May 22, 2009	0.905710
May 26, 2009	Jun 24, 2009	0.889082
Jun 25, 2009	Jul 24, 2009	0.888220
Jul 27, 2009	Aug 24, 2009	0.876883
Aug 25, 2009	Sep 24, 2009	0.876013
Sep 25, 2009	Oct 23, 2009	0.872333
Oct 26, 2009	Nov 24, 2009	0.869454
Nov 25, 2009	Dec 24, 2009	0.868495
Dec 28, 2009	Jan 22, 2010	0.858820
Jan 25, 2010	Feb 24, 2010	0.858005
Feb 25, 2010	Mar 24, 2010	0.857141
Mar 25, 2010	Apr 23, 2010	0.842219
Apr 26, 2010	May 24, 2010	0.822700
May 25, 2010	Jun 24, 2010	0.805986
Jun 25, 2010	Jul 23, 2010	0.805143
Jul 26, 2010	Aug 24, 2010	0.789025
Aug 25, 2010	Sep 24, 2010	0.764930
Sep 27, 2010	Oct 22, 2010	0.763196
Oct 25, 2010	Nov 24, 2010	0.762374
Nov 26, 2010	Dec 23, 2010	0.741703
Dec 27, 2010	Jan 24, 2011	0.689818
Jan 25, 2011	Feb 24, 2011	0.677526
Feb 25, 2011	Mar 24, 2011	0.676747
Mar 25, 2011	Apr 22, 2011	0.670000
Apr 25, 2011	May 24, 2011	0.637278
May 25, 2011	Jun 24, 2011	0.626679
Jun 27, 2011	Jul 22, 2011	0.625198
Jul 25, 2011	Aug 24, 2011	0.624544
Aug 25, 2011	Sep 23, 2011	0.613120
Sep 26, 2011	Oct 24, 2011	0.608855

### **A1B Certificate Factor Chart**

From	То	Factor
Oct 25, 2011	Nov 23, 2011	0.608067
Nov 25, 2011	Dec 23, 2011	0.607319
Dec 27, 2011	Jan 24, 2012	0.598898
Jan 25, 2012	Feb 24, 2012	0.588410
Feb 27, 2012	Mar 23, 2012	0.585268
Mar 26, 2012	Apr 24, 2012	0.581359
Apr 25, 2012	May 24, 2012	0.576666
May 25, 2012	Jun 22, 2012	0.574983
Jun 25, 2012	Jul 24, 2012	0.570512
Jul 25, 2012	Aug 24, 2012	0.570512
Aug 27, 2012	Sep 24, 2012	0.570347
Sep 25, 2012	Oct 24, 2012	0.549775
Oct 25, 2012	Nov 23, 2012	0.401629
Nov 26, 2012	Dec 24, 2012	0.356329
Dec 26, 2012	Jan 24, 2013	0.354041
Jan 25, 2013	Feb 22, 2013	0.304473
Feb 25, 2013	Mar 22, 2013	0.218080
Mar 25, 2013	Apr 24, 2013	0.215795
Apr 25, 2013	May 24, 2013	0.213683
May 28, 2013	Jun 24, 2013	0.128822
Jun 25, 2013	Jul 24, 2013	0.123391
Jul 25, 2013	Aug 23, 2013	0.106993
Aug 26, 2013	Sep 24, 2013	0.056102
Sep 25, 2013	Oct 24, 2013	0.050454
Oct 25, 2013	Nov 22, 2013	0.025879
Nov 25, 2013	Dec 24, 2013	0.023205
Dec 26, 2013	Jan 24, 2014	0.020975
Jan 27, 2014	Feb 24, 2014	0.018754
Feb 25, 2014	Mar 24, 2014	0.016533
Mar 25, 2014	Apr 24, 2014	0.014177
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **A2A Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.989957
Dec 26, 2007	Jan 24, 2008	0.988003
Jan 25, 2008	Feb 22, 2008	0.982801
Feb 25, 2008	Mar 24, 2008	0.982104
Mar 25, 2008	Apr 24, 2008	0.979525
Apr 25, 2008	May 23, 2008	0.971865
May 27, 2008	Jun 24, 2008	0.953387
Jun 25, 2008	Jul 24, 2008	0.946227
Jul 25, 2008	Aug 22, 2008	0.940088
Aug 25, 2008	Sep 24, 2008	0.937292
Sep 25, 2008	Oct 24, 2008	0.929879
Oct 27, 2008	Nov 24, 2008	0.929255
Nov 25, 2008	Dec 24, 2008	0.925654
Dec 26, 2008	Jan 23, 2009	0.925007
Jan 26, 2009	Feb 24, 2009	0.922633
Feb 25, 2009	Mar 24, 2009	0.919541
Mar 25, 2009	Apr 24, 2009	0.918934
Apr 27, 2009	May 22, 2009	0.915157
May 26, 2009	Jun 24, 2009	0.911262
Jun 25, 2009	Jul 24, 2009	0.910587
Jul 27, 2009	Aug 24, 2009	0.895823
Aug 25, 2009	Sep 24, 2009	0.888269
Sep 25, 2009	Oct 23, 2009	0.878348
Oct 26, 2009	Nov 24, 2009	0.869360
Nov 25, 2009	Dec 24, 2009	0.867743
Dec 28, 2009	Jan 22, 2010	0.866668
Jan 25, 2010	Feb 24, 2010	0.858588
Feb 25, 2010	Mar 24, 2010	0.855667
Mar 25, 2010	Apr 23, 2010	0.851486
Apr 26, 2010	May 24, 2010	0.847874
May 25, 2010	Jun 24, 2010	0.844210
Jun 25, 2010	Jul 23, 2010	0.832177
Jul 26, 2010	Aug 24, 2010	0.820458
Aug 25, 2010	Sep 24, 2010	0.811208
Sep 27, 2010	Oct 22, 2010	0.796605
Oct 25, 2010	Nov 24, 2010	0.791817
Nov 26, 2010	Dec 23, 2010	0.788378
Dec 27, 2010	Jan 24, 2011	0.775538
Jan 25, 2011	Feb 24, 2011	0.769449
Feb 25, 2011	Mar 24, 2011	0.768311
Mar 25, 2011	Apr 22, 2011	0.765206
Apr 25, 2011 May 25, 2011	May 24, 2011 Jun 24, 2011	0.758393
Jun 27, 2011	Jul 22, 2011	0.754463
Jul 25, 2011	Aug 24, 2011	0.753472
Aug 25, 2011	Sep 23, 2011	0.753126
Sep 26, 2011	Oct 24, 2011	0.745437
	/	0.745437

### **A2A Certificate Factor Chart**

From	То	Factor
Oct 25, 2011	Nov 23, 2011	0.739957
Nov 25, 2011	Dec 23, 2011	0.739231
Dec 27, 2011	Jan 24, 2012	0.735217
Jan 25, 2012	Feb 24, 2012	0.726317
Feb 27, 2012	Mar 23, 2012	0.696729
Mar 26, 2012	Apr 24, 2012	0.673362
Apr 25, 2012	May 24, 2012	0.662817
May 25, 2012	Jun 22, 2012	0.657148
Jun 25, 2012	Jul 24, 2012	0.646473
Jul 25, 2012	Aug 24, 2012	0.643081
Aug 27, 2012	Sep 24, 2012	0.631623
Sep 25, 2012	Oct 24, 2012	0.611679
Oct 25, 2012	Nov 23, 2012	0.604919
Nov 26, 2012	Dec 24, 2012	0.595149
Dec 26, 2012	Jan 24, 2013	0.594386
Jan 25, 2013	Feb 22, 2013	0.590884
Feb 25, 2013	Mar 22, 2013	0.579180
Mar 25, 2013	Apr 24, 2013	0.573684
Apr 25, 2013	May 24, 2013	0.566517
May 28, 2013	Jun 24, 2013	0.554257
Jun 25, 2013	Jul 24, 2013	0.542121
Jul 25, 2013	Aug 23, 2013	0.532117
Aug 26, 2013	Sep 24, 2013	0.528665
Sep 25, 2013	Oct 24, 2013	0.520626
Oct 25, 2013	Nov 22, 2013	0.509343
Nov 25, 2013	Dec 24, 2013	0.505529
Dec 26, 2013	Jan 24, 2014	0.504969
Jan 27, 2014	Feb 24, 2014	0.504427
Feb 25, 2014	Mar 24, 2014	0.498409
Mar 25, 2014	Apr 24, 2014	0.491945
Apr 25, 2014	May 23, 2014	0.489015
May 27, 2014	Jun 24, 2014	0.486814
Jun 25, 2014	Jul 24, 2014	0.485312
Jul 25, 2014	Aug 22, 2014	0.482818
Aug 25, 2014	Sep 24, 2014	0.481301
Sep 25, 2014	Oct 24, 2014	0.481312
Oct 27, 2014	Nov 24, 2014	0.475544
Nov 25, 2014	Dec 24, 2014	0.475544
Dec 26, 2014	Jan 23, 2015	0.475932
Jan 26, 2015	Feb 24, 2015	0.476212
Feb 25, 2015	Mar 24, 2015	0.475997
Mar 25, 2015	Apr 24, 2015	0.472702
Apr 27, 2015	May 22, 2015	0.460291
May 26, 2015	Jun 24, 2015	0.454711
Jun 25, 2015		0.453290

## **A2B Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.989957
Dec 26, 2007	Jan 24, 2008	0.988003
Jan 25, 2008	Feb 22, 2008	0.982801
Feb 25, 2008	Mar 24, 2008	0.982104
Mar 25, 2008	Apr 24, 2008	0.979525
Apr 25, 2008	May 23, 2008	0.971865
May 27, 2008	Jun 24, 2008	0.953387
Jun 25, 2008	Jul 24, 2008	0.946227
Jul 25, 2008	Aug 22, 2008	0.940088
Aug 25, 2008	Sep 24, 2008	0.937292
Sep 25, 2008	Oct 24, 2008	0.929879
Oct 27, 2008	Nov 24, 2008	0.929255
Nov 25, 2008	Dec 24, 2008	0.925654
Dec 26, 2008	Jan 23, 2009	0.925007
Jan 26, 2009	Feb 24, 2009	0.922633
Feb 25, 2009	Mar 24, 2009	0.919541
Mar 25, 2009	Apr 24, 2009	0.918934
Apr 27, 2009	May 22, 2009	0.915157
May 26, 2009	Jun 24, 2009	0.911262
Jun 25, 2009	Jul 24, 2009	0.910587
Jul 27, 2009	Aug 24, 2009	0.895823
Aug 25, 2009	Sep 24, 2009	0.888269
Sep 25, 2009	Oct 23, 2009	0.878348
Oct 26, 2009	Nov 24, 2009	0.869360
Nov 25, 2009	Dec 24, 2009	0.867743
Dec 28, 2009	Jan 22, 2010	0.866668
Jan 25, 2010	Feb 24, 2010	0.858588
Feb 25, 2010	Mar 24, 2010	0.855667
Mar 25, 2010	Apr 23, 2010	0.851486
Apr 26, 2010	May 24, 2010	0.847874
May 25, 2010	Jun 24, 2010	0.844210
Jun 25, 2010	Jul 23, 2010	0.832177
Jul 26, 2010	Aug 24, 2010	0.820458
Aug 25, 2010	Sep 24, 2010	0.811208
Sep 27, 2010	Oct 22, 2010	0.796605
Oct 25, 2010	Nov 24, 2010	0.791817
Nov 26, 2010	Dec 23, 2010	0.788378
Dec 27, 2010	Jan 24, 2011	0.775538
Jan 25, 2011	Feb 24, 2011	0.769449
Feb 25, 2011	Mar 24, 2011	0.768311
Mar 25, 2011	Apr 22, 2011	0.765206
Apr 25, 2011	May 24, 2011	0.730412
May 25, 2011	Jun 24, 2011	0.604588
Jun 27, 2011	Jul 22, 2011	0.576186
Jul 25, 2011	Aug 24, 2011	0.507614
Aug 25, 2011	Sep 23, 2011	0.398414
Sep 26, 2011	Oct 24, 2011	0.388350

### **A2B Certificate Factor Chart**

From	То	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.228327
Nov 25, 2011	Dec 23, 2011	0.184134
Dec 27, 2011	Jan 24, 2012	0.105161
Jan 25, 2012	Feb 24, 2012	0.090883
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000
May 26, 2015		0.000000

## **APO Certificate Factor Chart**

From	То	Factor
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.998344
Dec 26, 2007	Jan 24, 2008	0.996529
Jan 25, 2008	Feb 22, 2008	0.994274
Feb 25, 2008	Mar 24, 2008	0.992597
Mar 25, 2008	Apr 24, 2008	0.990935
Apr 25, 2008	May 23, 2008	0.989227
May 27, 2008	Jun 24, 2008	0.987427
Jun 25, 2008	Jul 24, 2008	0.966918
Jul 25, 2008	Aug 22, 2008	0.965114
Aug 25, 2008	Sep 24, 2008	0.961327
Sep 25, 2008	Oct 24, 2008	0.959575
Oct 27, 2008	Nov 24, 2008	0.957796
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	0.954675
Jan 26, 2009	Feb 24, 2009	0.952912
Feb 25, 2009	Mar 24, 2009	0.951127
Mar 25, 2009	Apr 24, 2009	0.949317
Apr 27, 2009	May 22, 2009	0.947521
May 26, 2009	Jun 24, 2009	0.945715
Jun 25, 2009	Jul 24, 2009	0.943901
Jul 27, 2009	Aug 24, 2009	0.941756
Aug 25, 2009	Sep 24, 2009	0.939917
Sep 25, 2009	Oct 23, 2009	0.938068
Oct 26, 2009	Nov 24, 2009	0.936211
Nov 25, 2009	Dec 24, 2009	0.934363
Dec 28, 2009	Jan 22, 2010	0.932186
Jan 25, 2010	Feb 24, 2010	0.906919
Feb 25, 2010	Mar 24, 2010	0.905026
Mar 25, 2010	Apr 23, 2010	0.903121
Apr 26, 2010	May 24, 2010	0.874677
May 25, 2010	Jun 24, 2010	0.873552
Jun 25, 2010	Jul 23, 2010	0.871195
Jul 26, 2010	Aug 24, 2010	0.869257
Aug 25, 2010	Sep 24, 2010	0.867309
Sep 27, 2010	Oct 22, 2010	0.865352
Oct 25, 2010	Nov 24, 2010	0.863376
Nov 26, 2010	Dec 23, 2010	0.861399
Dec 27, 2010	Jan 24, 2011	0.859098
Jan 25, 2011	Feb 24, 2011	0.857101
Feb 25, 2011	Mar 24, 2011	0.801651
Mar 25, 2011	Apr 22, 2011	0.799701
Apr 25, 2011	May 24, 2011	0.797735
May 25, 2011	Jun 24, 2011	0.671810
Jun 27, 2011	Jul 22, 2011	0.670039
Jul 25, 2011	Aug 24, 2011	0.668613
Aug 25, 2011	Sep 23, 2011	0.667179
Sep 26, 2011	Oct 24, 2011	0.665719
ı,	,	0.664271

## **APO Certificate Factor Chart**

From	То	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.662536
Nov 25, 2011	Dec 23, 2011	0.661072
Dec 27, 2011	Jan 24, 2012	0.659601
Jan 25, 2012	Feb 24, 2012	0.658107
Feb 27, 2012	Mar 23, 2012	0.656607
Mar 26, 2012	Apr 24, 2012	0.655042
Apr 25, 2012	May 24, 2012	0.653209
May 25, 2012	Jun 22, 2012	0.651785
Jun 25, 2012	Jul 24, 2012	0.650327
Jul 25, 2012	Aug 24, 2012	0.657119
Aug 27, 2012	Sep 24, 2012	0.655581
Sep 25, 2012	Oct 24, 2012	0.653703
Oct 25, 2012	Nov 23, 2012	0.652137
Nov 26, 2012	Dec 24, 2012	0.595349
Dec 26, 2012	Jan 24, 2013	0.594141
Jan 25, 2013	Feb 22, 2013	0.543008
Feb 25, 2013	Mar 22, 2013	0.542154
Mar 25, 2013	Apr 24, 2013	0.541286
Apr 25, 2013	May 24, 2013	0.540105
May 28, 2013	Jun 24, 2013	0.539230
Jun 25, 2013	Jul 24, 2013	0.538232
Jul 25, 2013	Aug 23, 2013	0.455351
Aug 26, 2013	Sep 24, 2013	0.360628
Sep 25, 2013	Oct 24, 2013	0.359944
Oct 25, 2013	Nov 22, 2013	0.359157
Nov 25, 2013	Dec 24, 2013	0.358542
Dec 26, 2013	Jan 24, 2014	0.357911
Jan 27, 2014	Feb 24, 2014	0.357202
Feb 25, 2014	Mar 24, 2014	0.356497
Mar 25, 2014	Apr 24, 2014	0.355781
Apr 25, 2014	May 23, 2014	0.355414
May 27, 2014	Jun 24, 2014	0.353358
Jun 25, 2014	Jul 24, 2014	0.353035
Jul 25, 2014	Aug 22, 2014	0.347972
Aug 25, 2014	Sep 24, 2014	0.337465
Sep 25, 2014	Oct 24, 2014	0.337264
Oct 27, 2014	Nov 24, 2014	0.337264
Nov 25, 2014	Dec 24, 2014	0.337264
Dec 26, 2014	Jan 23, 2015	0.337264
Jan 26, 2015	Feb 24, 2015	0.327521
Feb 25, 2015	Mar 24, 2015	0.327162
Mar 25, 2015	Apr 24, 2015	0.324214
Apr 27, 2015	May 22, 2015	0.324060
May 26, 2015	Jun 24, 2015	0.307729
Jun 25, 2015		0.307475

## **AIO Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.974694
Dec 26, 2007	Jan 24, 2008	0.969035
Jan 25, 2008	Feb 22, 2008	0.960601
Feb 25, 2008	Mar 24, 2008	0.960079
Mar 25, 2008	Apr 24, 2008	0.959603
Apr 25, 2008	May 23, 2008	0.959035
May 27, 2008	Jun 24, 2008	0.948759
Jun 25, 2008	Jul 24, 2008	0.923096
Jul 25, 2008	Aug 22, 2008	0.922695
Aug 25, 2008	Sep 24, 2008	0.922191
Sep 25, 2008	Oct 24, 2008	0.916641
Oct 27, 2008	Nov 24, 2008	0.915546
Nov 25, 2008	Dec 24, 2008	0.911437
Dec 26, 2008	Jan 23, 2009	0.910933
Jan 26, 2009	Feb 24, 2009	0.906601
Feb 25, 2009	Mar 24, 2009	0.903190
Mar 25, 2009	Apr 24, 2009	0.902211
Apr 27, 2009	May 22, 2009	0.891002
May 26, 2009	Jun 24, 2009	0.880536
Jun 25, 2009	Jul 24, 2009	0.873919
Jul 27, 2009	Aug 24, 2009	0.860397
Aug 25, 2009	Sep 24, 2009	0.841762
Sep 25, 2009	Oct 23, 2009	0.823768
Oct 26, 2009	Nov 24, 2009	0.822180
Nov 25, 2009	Dec 24, 2009	0.811223
Dec 28, 2009	Jan 22, 2010	0.810788
Jan 25, 2010	Feb 24, 2010	0.806267
Feb 25, 2010	Mar 24, 2010	0.805127
Mar 25, 2010	Apr 23, 2010	0.800717
Apr 26, 2010	May 24, 2010	0.792227
May 25, 2010	Jun 24, 2010	0.785032
Jun 25, 2010	Jul 23, 2010	0.747919
Jul 26, 2010	Aug 24, 2010	0.735724
Aug 25, 2010	Sep 24, 2010	0.723095
Sep 27, 2010	Oct 22, 2010	0.689819
Oct 25, 2010	Nov 24, 2010	0.681641
Nov 26, 2010	Dec 23, 2010	0.679818
Dec 27, 2010	Jan 24, 2011	0.665510
Jan 25, 2011	Feb 24, 2011	0.660593
Feb 25, 2011	Mar 24, 2011	0.639317
Mar 25, 2011	Apr 22, 2011	0.639304
Apr 25, 2011	May 24, 2011	0.616637
May 25, 2011	Jun 24, 2011	0.595705
Jun 27, 2011	Jul 22, 2011	0.595603
Jul 25, 2011	Aug 24, 2011	0.585807
Aug 25, 2011	Sep 23, 2011	0.584268
Sep 26, 2011	Oct 24, 2011	0.584073

# AIO Certificate Factor Chart

From	То	Factor
Oct 25, 2011	Nov 23, 2011	0.565751
Nov 25, 2011	Dec 23, 2011	0.564038
Dec 27, 2011	Jan 24, 2012	0.553125
Jan 25, 2012	Feb 24, 2012	0.547936
Feb 27, 2012	Mar 23, 2012	0.525578
Mar 26, 2012	Apr 24, 2012	0.496247
Apr 25, 2012	May 24, 2012	0.480902
May 25, 2012	Jun 22, 2012	0.479711
Jun 25, 2012	Jul 24, 2012	0.477459
Jul 25, 2012	Aug 24, 2012	0.476993
Aug 27, 2012	Sep 24, 2012	0.467235
Sep 25, 2012	Oct 24, 2012	0.455212
Oct 25, 2012	Nov 23, 2012	0.453528
Nov 26, 2012	Dec 24, 2012	0.450778
Dec 26, 2012	Jan 24, 2013	0.450148
Jan 25, 2013	Feb 22, 2013	0.449139
Feb 25, 2013	Mar 22, 2013	0.445582
Mar 25, 2013	Apr 24, 2013	0.438115
Apr 25, 2013	May 24, 2013	0.426632
May 28, 2013	Jun 24, 2013	0.428827
Jun 25, 2013	Jul 24, 2013	0.426480
Jul 25, 2013	Aug 23, 2013	0.421212
Aug 26, 2013	Sep 24, 2013	0.421478
Sep 25, 2013	Oct 24, 2013	0.418321
Oct 25, 2013	Nov 22, 2013	0.403956
Nov 25, 2013	Dec 24, 2013	0.402910
Dec 26, 2013	Jan 24, 2014	0.402498
Jan 27, 2014	Feb 24, 2014	0.402052
Feb 25, 2014	Mar 24, 2014	0.399019
Mar 25, 2014	Apr 24, 2014	0.391342
Apr 25, 2014	May 23, 2014	0.390066
May 27, 2014	Jun 24, 2014	0.389609
Jun 25, 2014	Jul 24, 2014	0.387706
Jul 25, 2014	Aug 22, 2014	0.384766
Aug 25, 2014	Sep 24, 2014	0.383953
Sep 25, 2014	Oct 24, 2014	0.383511
Oct 27, 2014	Nov 24, 2014	0.376615
Nov 25, 2014	Dec 24, 2014	0.376143
Dec 26, 2014	Jan 23, 2015	0.375682
Jan 26, 2015	Feb 24, 2015	0.374937
Feb 25, 2015	Mar 24, 2015	0.374096
Mar 25, 2015	Apr 24, 2015	0.371559
Apr 27, 2015	May 22, 2015	0.367895
May 26, 2015	Jun 24, 2015	0.367227
Jun 25, 2015		0.366342

## **B1** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.999402
Dec 26, 2007	Jan 24, 2008	0.998801
Jan 25, 2008	Feb 22, 2008	0.998195
Feb 25, 2008	Mar 24, 2008	0.997585
Mar 25, 2008	Apr 24, 2008	0.996971
Apr 25, 2008	May 23, 2008	0.996354
May 27, 2008	Jun 24, 2008	0.995732
Jun 25, 2008	Jul 24, 2008	0.995102
Jul 25, 2008	Aug 22, 2008	0.991124
Aug 25, 2008	Sep 24, 2008	0.990474
Sep 25, 2008	Oct 24, 2008	0.989818
Oct 27, 2008	Nov 24, 2008	0.989156
Nov 25, 2008	Dec 24, 2008	0.988489
Dec 26, 2008	Jan 23, 2009	0.987819
Jan 26, 2009	Feb 24, 2009	0.987146
Feb 25, 2009	Mar 24, 2009	0.986465
Mar 25, 2009	Apr 24, 2009	0.985779
Apr 27, 2009	May 22, 2009	0.985087
May 26, 2009	Jun 24, 2009	0.984393
Jun 25, 2009	Jul 24, 2009	0.983696
Jul 27, 2009	Aug 24, 2009	0.982995
Aug 25, 2009	Sep 24, 2009	0.982292
Sep 25, 2009	Oct 23, 2009	0.981582
Oct 26, 2009	Nov 24, 2009	0.980863
Nov 25, 2009	Dec 24, 2009	0.980609
Dec 28, 2009	Jan 22, 2010	0.980609
Jan 25, 2010	Feb 24, 2010	0.980609
Feb 25, 2010	Mar 24, 2010	0.980609
Mar 25, 2010	Apr 23, 2010	0.980609
Apr 26, 2010	May 24, 2010	0.980609
May 25, 2010	Jun 24, 2010	0.980609
Jun 25, 2010	Jul 23, 2010	0.980609
Jul 26, 2010	Aug 24, 2010	0.980609
Aug 25, 2010	Sep 24, 2010	0.871903
Sep 27, 2010	Oct 22, 2010	0.787626
Oct 25, 2010	Nov 24, 2010	0.754230
Nov 26, 2010	Dec 23, 2010	0.607656
Dec 27, 2010	Jan 24, 2011	0.376229
Jan 25, 2011	Feb 24, 2011	0.252622
Feb 25, 2011	Mar 24, 2011	0.111990
Mar 25, 2011	Apr 22, 2011	0.070514
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000

## **B1** Certificate Factor Chart

From	То	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.00000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **B2** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.999402
Dec 26, 2007	Jan 24, 2008	0.998801
Jan 25, 2008	Feb 22, 2008	0.998195
Feb 25, 2008	Mar 24, 2008	0.997585
Mar 25, 2008	Apr 24, 2008	0.996971
Apr 25, 2008	May 23, 2008	0.996354
May 27, 2008	Jun 24, 2008	0.995732
Jun 25, 2008	Jul 24, 2008	0.995102
Jul 25, 2008	Aug 22, 2008	0.991124
Aug 25, 2008	Sep 24, 2008	0.990474
Sep 25, 2008	Oct 24, 2008	0.989818
Oct 27, 2008	Nov 24, 2008	0.989156
Nov 25, 2008	Dec 24, 2008	0.988489
Dec 26, 2008	Jan 23, 2009	0.987819
Jan 26, 2009	Feb 24, 2009	0.987146
Feb 25, 2009	Mar 24, 2009	0.986465
Mar 25, 2009	Apr 24, 2009	0.985779
Apr 27, 2009	May 22, 2009	0.985087
May 26, 2009	Jun 24, 2009	0.984393
Jun 25, 2009	Jul 24, 2009	0.983696
Jul 27, 2009	Aug 24, 2009	0.982995
Aug 25, 2009	Sep 24, 2009	0.982292
Sep 25, 2009	Oct 23, 2009	0.981805
Oct 26, 2009	Nov 24, 2009	0.981805
Nov 25, 2009	Dec 24, 2009	0.981805
Dec 28, 2009	Jan 22, 2010	0.981805
Jan 25, 2010	Feb 24, 2010	0.981805
Feb 25, 2010	Mar 24, 2010	0.981805
Mar 25, 2010	Apr 23, 2010	0.981805
Apr 26, 2010	May 24, 2010	0.961222
May 25, 2010	Jun 24, 2010	
Jun 25, 2010	Jul 23, 2010	0.769844
Jul 26, 2010	Aug 24, 2010	0.207923 0.085240
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000

## **B2** Certificate Factor Chart

From	То	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.00000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **B3** Certificate Factor Chart

From	То	Factor
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.999402
Dec 26, 2007	Jan 24, 2008	0.998801
Jan 25, 2008	Feb 22, 2008	0.998195
Feb 25, 2008	Mar 24, 2008	0.997585
Mar 25, 2008	Apr 24, 2008	0.996971
Apr 25, 2008	May 23, 2008	0.996354
May 27, 2008	Jun 24, 2008	0.995732
Jun 25, 2008	Jul 24, 2008	0.995102
Jul 25, 2008	Aug 22, 2008	0.991124
Aug 25, 2008	Sep 24, 2008	0.990474
Sep 25, 2008	Oct 24, 2008	0.989818
Oct 27, 2008	Nov 24, 2008	0.989156
Nov 25, 2008	Dec 24, 2008	0.988489
Dec 26, 2008	Jan 23, 2009	0.987819
Jan 26, 2009	Feb 24, 2009	0.987146
Feb 25, 2009	Mar 24, 2009	
Mar 25, 2009	Apr 24, 2009	0.986465
Apr 27, 2009	May 22, 2009	0.985779
May 26, 2009	Jun 24, 2009	0.985087
Jun 25, 2009	Jul 24, 2009	0.984393
Jul 27, 2009	Aug 24, 2009	0.984393
Aug 25, 2009	Sep 24, 2009	0.983691
Sep 25, 2009	Oct 23, 2009	0.983407
Oct 26, 2009	Nov 24, 2009	0.983407
Nov 25, 2009	Dec 24, 2009	0.959378
Dec 28, 2009	Jan 22, 2010	0.804915
Jan 25, 2010	Feb 24, 2010	0.592258
Feb 25, 2010	Mar 24, 2010	0.585967
Mar 25, 2010	Apr 23, 2010	0.328781
Apr 26, 2010	May 24, 2010	0.256865
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000

## **B3** Certificate Factor Chart

From	То	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.00000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## A1 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	0.998078
Apr 25, 2007	May 24, 2007	0.979290
May 25, 2007	Jun 22, 2007	0.967578
Jun 25, 2007	Jul 24, 2007	0.943427
Jul 25, 2007	Aug 24, 2007	0.928989
Aug 27, 2007	Sep 24, 2007	0.914751
Sep 25, 2007	Oct 24, 2007	0.897673
Oct 25, 2007	Nov 23, 2007	0.883037
Nov 26, 2007	Dec 24, 2007	0.870902
Dec 26, 2007	Jan 24, 2008	
Jan 25, 2008	Feb 22, 2008	0.856230
Feb 25, 2008	Mar 24, 2008	0.839438
Mar 25, 2008	Apr 24, 2008	0.824439
Apr 25, 2008	May 23, 2008	0.814483
May 27, 2008	Jun 24, 2008	0.794296
Jun 25, 2008		0.775880
	Jul 24, 2008	0.760562
Jul 25, 2008	Aug 22, 2008	0.748657
Aug 25, 2008	Sep 24, 2008	0.739123
Sep 25, 2008	Oct 24, 2008	0.722885
Oct 27, 2008	Nov 24, 2008	0.714276
Nov 25, 2008	Dec 24, 2008	0.701983
Dec 26, 2008	Jan 23, 2009	0.682119
Jan 26, 2009	Feb 24, 2009	0.668249
Feb 25, 2009	Mar 24, 2009	0.660019
Mar 25, 2009	Apr 24, 2009	0.652849
Apr 27, 2009	May 22, 2009	0.638351
May 26, 2009	Jun 24, 2009	0.631479
Jun 25, 2009	Jul 24, 2009	0.614229
Jul 27, 2009	Aug 24, 2009	0.602274
Aug 25, 2009	Sep 24, 2009	0.587633
Sep 25, 2009	Oct 23, 2009	0.581010
Oct 26, 2009	Nov 24, 2009	0.571129
Nov 25, 2009	Dec 24, 2009	0.564853
Dec 28, 2009	Jan 22, 2010	0.557944
Jan 25, 2010	Feb 24, 2010	0.545261
Feb 25, 2010	Mar 24, 2010	0.542086
Mar 25, 2010	Apr 23, 2010	0.536685
Apr 26, 2010	May 24, 2010	0.529270
May 25, 2010	Jun 24, 2010	0.519153
Jun 25, 2010	Jul 23, 2010	0.504989
Jul 26, 2010	Aug 24, 2010	0.498915
Aug 25, 2010	Sep 24, 2010	0.487546
Sep 27, 2010	Oct 22, 2010	0.483970
Oct 25, 2010	Nov 24, 2010	0.474384
Nov 26, 2010	Dec 23, 2010	0.470235
Dec 27, 2010	Jan 24, 2011	0.469831
Jan 25, 2011	Feb 24, 2011	0.462079
Feb 25, 2011	Mar 24, 2011	0.459079
Mar 25, 2011	Apr 22, 2011	0.455983
Apr 25, 2011	May 24, 2011	0.453349
May 25, 2011	Jun 24, 2011	0.447240

### **A1 Certificate Factor Chart**

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.442725
Jul 25, 2011	Aug 24, 2011	0.438406
Aug 25, 2011	Sep 23, 2011	0.437115
Sep 26, 2011	Oct 24, 2011	0.432032
Oct 25, 2011	Nov 23, 2011	0.425924
Nov 25, 2011	Dec 23, 2011	0.424760
Dec 27, 2011	Jan 24, 2012	0.422678
Jan 25, 2012	Feb 24, 2012	0.420611
Feb 27, 2012	Mar 23, 2012	0.420611
Mar 26, 2012	Apr 24, 2012	0.420420
Apr 25, 2012	May 24, 2012	0.418220
May 25, 2012	Jun 22, 2012	0.417696
Jun 25, 2012	Jul 24, 2012	0.414531
Jul 25, 2012	Aug 24, 2012	0.413719
Aug 27, 2012	Sep 24, 2012	0.409332
Sep 25, 2012	Oct 24, 2012	0.407268
Oct 25, 2012	Nov 23, 2012	0.401260
Nov 26, 2012	Dec 24, 2012	0.398892
Dec 26, 2012	Jan 24, 2013	0.398745
Jan 25, 2013	Feb 22, 2013	0.394734
Feb 25, 2013	Mar 22, 2013	0.392953
Mar 25, 2013	Apr 24, 2013	0.390242
Apr 25, 2013	May 24, 2013	0.386668
May 28, 2013	Jun 24, 2013	0.386668
Jun 25, 2013	Jul 24, 2013	0.383634
Jul 25, 2013	Aug 23, 2013	0.381803
Aug 26, 2013	Sep 24, 2013	0.377318
Sep 25, 2013	Oct 24, 2013	0.373474
Oct 25, 2013	Nov 22, 2013	0.368554
Nov 25, 2013	Dec 24, 2013	0.364444
Dec 26, 2013	Jan 24, 2014	0.361524
Jan 27, 2014	Feb 24, 2014	0.359394
Feb 25, 2014	Mar 24, 2014	0.357669
Mar 25, 2014	Apr 24, 2014	0.354897
Apr 25, 2014	May 23, 2014	0.353156
May 27, 2014	Jun 24, 2014	0.351893
Jun 25, 2014	Jul 24, 2014	0.346291
Jul 25, 2014	Aug 22, 2014	0.343255
Aug 25, 2014	Sep 24, 2014	0.342972
Sep 25, 2014	Oct 24, 2014	0.336526
Oct 27, 2014	Nov 24, 2014	0.333402
Nov 25, 2014	Dec 24, 2014	0.331995
Dec 26, 2014	Jan 23, 2015	0.331250
Jan 26, 2015	Feb 24, 2015	0.329198
Feb 25, 2015	Mar 24, 2015	0.326666
Mar 25, 2015	Apr 24, 2015	0.323448
Apr 27, 2015	May 22, 2015	0.321809
May 26, 2015	Jun 24, 2015	0.318688
Jun 25, 2015		0.316918
		0.510510

### **A2A Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	0.982956
Apr 25, 2007	May 24, 2007	0.959599
May 25, 2007	Jun 22, 2007	0.928925
Jun 25, 2007	Jul 24, 2007	0.906174
Jul 25, 2007	Aug 24, 2007	0.889221
Aug 27, 2007	Sep 24, 2007	0.855591
Sep 25, 2007	Oct 24, 2007	0.841641
Oct 25, 2007	Nov 23, 2007	0.832653
Nov 26, 2007	Dec 24, 2007	0.813409
Dec 26, 2007	Jan 24, 2008	
Jan 25, 2008	Feb 22, 2008	0.782765
Feb 25, 2008	Mar 24, 2008	0.754465
Mar 25, 2008	Apr 24, 2008	0.727688
Apr 25, 2008	May 23, 2008	0.698336
	Jun 24, 2008	0.657950
May 27, 2008		0.624181
Jun 25, 2008	Jul 24, 2008	0.592396
Jul 25, 2008	Aug 22, 2008	0.561087
Aug 25, 2008	Sep 24, 2008	0.540500
Sep 25, 2008	Oct 24, 2008	0.515884
Oct 27, 2008	Nov 24, 2008	0.492693
Nov 25, 2008	Dec 24, 2008	0.467141
Dec 26, 2008	Jan 23, 2009	0.441864
Jan 26, 2009	Feb 24, 2009	0.415478
Feb 25, 2009	Mar 24, 2009	0.382942
Mar 25, 2009	Apr 24, 2009	0.360235
Apr 27, 2009	May 22, 2009	0.334291
May 26, 2009	Jun 24, 2009	0.314771
Jun 25, 2009	Jul 24, 2009	0.305210
Jul 27, 2009	Aug 24, 2009	0.288924
Aug 25, 2009	Sep 24, 2009	0.260774
Sep 25, 2009	Oct 23, 2009	0.240757
Oct 26, 2009	Nov 24, 2009	0.224343
Nov 25, 2009	Dec 24, 2009	0.203847
Dec 28, 2009	Jan 22, 2010	0.189374
Jan 25, 2010	Feb 24, 2010	0.172144
Feb 25, 2010	Mar 24, 2010	0.150243
Mar 25, 2010	Apr 23, 2010	0.139889
Apr 26, 2010	May 24, 2010	0.126067
May 25, 2010	Jun 24, 2010	0.117681
Jun 25, 2010	Jul 23, 2010	0.111439
Jul 26, 2010	Aug 24, 2010	0.092563
Aug 25, 2010	Sep 24, 2010	0.091694
Sep 27, 2010	Oct 22, 2010	0.079316
Oct 25, 2010	Nov 24, 2010	0.074520
Nov 26, 2010	Dec 23, 2010	0.070165
Dec 27, 2010	Jan 24, 2011	0.058947
Jan 25, 2011	Feb 24, 2011	0.056110
Feb 25, 2011	Mar 24, 2011	0.049158
Mar 25, 2011	Apr 22, 2011	0.039417
Apr 25, 2011	May 24, 2011	0.029500
May 25, 2011	Jun 24, 2011	0.025587

### **A2A Certificate Factor Chart**

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.020025
Jul 25, 2011	Aug 24, 2011	0.012272
Aug 25, 2011	Sep 23, 2011	0.003672
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## A2B Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
	-	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010 Oct 25, 2010	Oct 22, 2010 Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
, -, -==	,	1.000000

## A2B Certificate Factor Chart

Jun 27, 2011     Jul 22, 2011     1.000000       Jul 25, 2011     Aug 24, 2011     1.000000       Aug 25, 2011     Sep 23, 2011     1.000000       Sep 26, 2011     Oct 24, 2011     0.982028       Oct 25, 2011     Nov 23, 2011     0.976697       Nov 25, 2011     Dec 23, 2011     0.961252       Dec 27, 2011     Jan 24, 2012     0.935973	
Aug 25, 2011 Sep 23, 2011 1.000000 Sep 26, 2011 Oct 24, 2011 0.982028 Oct 25, 2011 Nov 23, 2011 0.976697 Nov 25, 2011 Dec 23, 2011 0.961252	
Sep 26, 2011     Oct 24, 2011     0.982028       Oct 25, 2011     Nov 23, 2011     0.976697       Nov 25, 2011     Dec 23, 2011     0.961252	
Oct 25, 2011         Nov 23, 2011         0.976697           Nov 25, 2011         Dec 23, 2011         0.961252	
Nov 25, 2011 Dec 23, 2011 0.961252	
Dec 27 2011   len 24 2012	
Dec 27, 2011 Jan 24, 2012	
, · · · · · · · · · · · · · · · · · · ·	
Jan 25, 2012 Feb 24, 2012 0.935973	
Feb 27, 2012 Mar 23, 2012 0.923690	
Mar 26, 2012 Apr 24, 2012 0.910857	
Apr 25, 2012 May 24, 2012 0.910851	
May 25, 2012 Jun 22, 2012 0.908700	
Jun 25, 2012 Jul 24, 2012 0.908700	
Jul 25, 2012 Aug 24, 2012 0.873104	
Aug 27, 2012 Sep 24, 2012 0.873104	
Sep 25, 2012 Oct 24, 2012 0.840409	
Oct 25, 2012 Nov 23, 2012 0.807635	
Nov 26, 2012 Dec 24, 2012 0.801291	
Dec 26, 2012 Jan 24, 2013 0.793410	
Jan 25, 2013 Feb 22, 2013 0.783409	
Feb 25, 2013 Mar 22, 2013 0.766466	
Mar 25, 2013 Apr 24, 2013 0.742538	
Apr 25, 2013 May 24, 2013 0.716129	
May 28, 2013 Jun 24, 2013 0.694958	
Jun 25, 2013 Jul 24, 2013 0.672847	
Jul 25, 2013 Aug 23, 2013 0.653107	
Aug 26, 2013 Sep 24, 2013 0.645572	
Sep 25, 2013 Oct 24, 2013 0.626589	
Oct 25, 2013 Nov 22, 2013 0.611241	
Nov 25, 2013 Dec 24, 2013 0.594840	
Dec 26, 2013 Jan 24, 2014 0.572007	
Jan 27, 2014 Feb 24, 2014 0.556937	
Feb 25, 2014 Mar 24, 2014 0.543239	
Mar 25, 2014 Apr 24, 2014 0.529103	
Apr 25, 2014 May 23, 2014 0.499403	
May 27, 2014 Jun 24, 2014 0.457215	
Jun 25, 2014 Jul 24, 2014 0.451328	
Jul 25, 2014 Aug 22, 2014 0.427944	
Aug 25, 2014 Sep 24, 2014 0.393174	
Sep 25, 2014 Oct 24, 2014 0.382181	
Oct 27, 2014 Nov 24, 2014 0.373217	
Nov 25, 2014 Dec 24, 2014 0.338440	
0.338440	
Dec 26, 2014 Jan 23, 2015 0.316563	
Dec 26, 2014 Jan 23, 2015 0.316563 Jan 26, 2015 Feb 24, 2015 0.304704	
Dec 26, 2014 Jan 23, 2015 0.316563 Jan 26, 2015 Feb 24, 2015 0.304704 Feb 25, 2015 Mar 24, 2015 0.286291	
Dec 26, 2014 Jan 23, 2015 0.316563 Jan 26, 2015 Feb 24, 2015 0.304704 Feb 25, 2015 Mar 24, 2015 0.286291 Mar 25, 2015 Apr 24, 2015 0.274006	
Dec 26, 2014       Jan 23, 2015       0.316563         Jan 26, 2015       Feb 24, 2015       0.304704         Feb 25, 2015       Mar 24, 2015       0.286291         Mar 25, 2015       Apr 24, 2015       0.274006         Apr 27, 2015       May 22, 2015       0.243817	
Dec 26, 2014 Jan 23, 2015 0.316563  Jan 26, 2015 Feb 24, 2015 0.304704  Feb 25, 2015 Mar 24, 2015 0.286291  Mar 25, 2015 Apr 24, 2015 0.274006	

## A2C Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008		1.000000
	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000

## A2C Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

## **A2D Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	•	1.000000
	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
-		2.000000

## **A2D Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		

### M1 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
		1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000

### M1 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

## M2 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
	Nov 24, 2008	1.000000
Oct 27, 2008	·	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000

## M2 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	0.985333
Jul 25, 2012	Aug 24, 2012	0.848457
Aug 27, 2012	Sep 24, 2012	0.754916
Sep 25, 2012	Oct 24, 2012	0.678446
Oct 25, 2012	Nov 23, 2012	0.592481
Nov 26, 2012	Dec 24, 2012	0.531125
Dec 26, 2012	Jan 24, 2013	0.481583
Jan 25, 2013	Feb 22, 2013	0.436525
Feb 25, 2013	Mar 22, 2013	0.376884
Mar 25, 2013	Apr 24, 2013	0.349670
Apr 25, 2013	May 24, 2013	0.300804
May 28, 2013	Jun 24, 2013	0.295165
Jun 25, 2013	Jul 24, 2013	0.277334
Jul 25, 2013	Aug 23, 2013	0.257089
Aug 26, 2013	Sep 24, 2013	0.210185
Sep 25, 2013	Oct 24, 2013	0.186635
Oct 25, 2013	Nov 22, 2013	0.171063
Nov 25, 2013	Dec 24, 2013	0.147962
Dec 26, 2013	Jan 24, 2014	0.145167
Jan 27, 2014	Feb 24, 2014	0.131549
Feb 25, 2014	Mar 24, 2014	0.127555
Mar 25, 2014	Apr 24, 2014	0.127555
Apr 25, 2014	May 23, 2014	0.127555
May 27, 2014	Jun 24, 2014	0.127555
Jun 25, 2014	Jul 24, 2014	0.127555
Jul 25, 2014	Aug 22, 2014	0.127555
Aug 25, 2014	Sep 24, 2014	0.127555
Sep 25, 2014	Oct 24, 2014	0.127555
Oct 27, 2014	Nov 24, 2014	0.127555
Nov 25, 2014	Dec 24, 2014	0.127555
Dec 26, 2014	Jan 23, 2015	0.127555
Jan 26, 2015	Feb 24, 2015	0.123677
Feb 25, 2015	Mar 24, 2015	0.103236
Mar 25, 2015	Apr 24, 2015	0.100325
Apr 27, 2015	May 22, 2015	0.101190
May 26, 2015	Jun 24, 2015	0.101272
Jun 25, 2015		0.083038

## M3 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
	Jun 24, 2008	1.000000
May 27, 2008	*	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000

### M3 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	0.965138
Apr 25, 2012	May 24, 2012	0.514520
May 25, 2012	Jun 22, 2012	0.124662
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.00000
Aug 27, 2012	Sep 24, 2012	0.00000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.00000
Dec 26, 2014	Jan 23, 2015	0.00000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.00000
Apr 27, 2015	May 22, 2015	0.00000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## M4 Certificate Factor Chart

<u>From</u>	То	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
		1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000

### M4 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	0.839114
Jan 25, 2012	Feb 24, 2012	0.615731
Feb 27, 2012	Mar 23, 2012	0.391130
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## M5 Certificate Factor Chart

<u>From</u>	То	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
	•	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	0.851591
Apr 25, 2011	May 24, 2011	0.737373
May 25, 2011	Jun 24, 2011	0.665697

### **M5 Certificate Factor Chart**

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.508409
Jul 25, 2011	Aug 24, 2011	0.383006
Aug 25, 2011	Sep 23, 2011	0.272889
Sep 26, 2011	Oct 24, 2011	0.137140
Oct 25, 2011	Nov 23, 2011	0.137140
Nov 25, 2011	Dec 23, 2011	0.054031
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## M6 Certificate Factor Chart

<u>From</u>	То	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
	•	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	0.960714
Oct 25, 2010	Nov 24, 2010	0.689233
Nov 26, 2010	Dec 23, 2010	0.469667
Dec 27, 2010	Jan 24, 2011	0.360965
Jan 25, 2011	Feb 24, 2011	0.112866
Feb 25, 2011	Mar 24, 2011	0.032422
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

### M6 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## M7 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009		1.000000
	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	0.862836
Jul 26, 2010	Aug 24, 2010	0.501248
Aug 25, 2010	Sep 24, 2010	0.290804
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

## M7 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
		0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## M8 Certificate Factor Chart

<u>From</u>	То	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008		1.000000
	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	0.809930
Mar 25, 2010	Apr 23, 2010	0.642554
Apr 26, 2010	May 24, 2010	0.347259
May 25, 2010	Jun 24, 2010	0.097216
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

### M8 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## M9 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Mar 23, 2007	1.000000
Mar 26, 2007	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
		1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	0.895913
Sep 25, 2009	Oct 23, 2009	0.728640
Oct 26, 2009	Nov 24, 2009	0.488686
Nov 25, 2009	Dec 24, 2009	0.438190
Dec 28, 2009	Jan 22, 2010	0.333030
Jan 25, 2010	Feb 24, 2010	0.070716
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

### M9 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### **A1 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	0.996991
May 25, 2007	Jun 22, 2007	0.989181
Jun 25, 2007	Jul 24, 2007	0.978594
Jul 25, 2007	Aug 24, 2007	0.948798
Aug 27, 2007	Sep 24, 2007	0.932535
Sep 25, 2007	Oct 24, 2007	0.924458
Oct 25, 2007	Nov 23, 2007	0.912985
Nov 26, 2007	Dec 24, 2007	0.894922
Dec 26, 2007	Jan 24, 2008	
Jan 25, 2008	Feb 22, 2008	0.880700
Feb 25, 2008	Mar 24, 2008	0.864046
Mar 25, 2008	Apr 24, 2008	0.850497
Apr 25, 2008	-	0.835044
	May 23, 2008	0.819422
May 27, 2008	Jun 24, 2008	0.799074
Jun 25, 2008	Jul 24, 2008	0.782060
Jul 25, 2008	Aug 22, 2008	0.768624
Aug 25, 2008	Sep 24, 2008	0.756973
Sep 25, 2008	Oct 24, 2008	0.744748
Oct 27, 2008	Nov 24, 2008	0.739419
Nov 25, 2008	Dec 24, 2008	0.728945
Dec 26, 2008	Jan 23, 2009	0.718406
Jan 26, 2009	Feb 24, 2009	0.703470
Feb 25, 2009	Mar 24, 2009	0.690541
Mar 25, 2009	Apr 24, 2009	0.679704
Apr 27, 2009	May 22, 2009	0.669053
May 26, 2009	Jun 24, 2009	0.660779
Jun 25, 2009	Jul 24, 2009	0.652474
Jul 27, 2009	Aug 24, 2009	0.644254
Aug 25, 2009	Sep 24, 2009	
Sep 25, 2009	Oct 23, 2009	0.634364
Oct 26, 2009	Nov 24, 2009	0.628633
Nov 25, 2009	Dec 24, 2009	0.620282
Dec 28, 2009	Jan 22, 2010	0.609908
Jan 25, 2010	Feb 24, 2010	0.601040
Feb 25, 2010	Mar 24, 2010	0.593252
	,	0.589036
Mar 25, 2010	Apr 23, 2010	0.585899
Apr 26, 2010	May 24, 2010	0.579273
May 25, 2010	Jun 24, 2010	0.568018
Jun 25, 2010	Jul 23, 2010	0.561005
Jul 26, 2010	Aug 24, 2010	0.553342
Aug 25, 2010	Sep 24, 2010	0.549648
Sep 27, 2010	Oct 22, 2010	0.542937
Oct 25, 2010	Nov 24, 2010	0.539614
Nov 26, 2010	Dec 23, 2010	0.539614
Dec 27, 2010	Jan 24, 2011	0.538634
Jan 25, 2011	Feb 24, 2011	0.538223
Feb 25, 2011	Mar 24, 2011	0.538101
Mar 25, 2011	Apr 22, 2011	0.533049
Apr 25, 2011	May 24, 2011	0.531565
May 25, 2011	Jun 24, 2011	0.528524

#### **A1 Certificate Factor Chart**

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.525556
Jul 25, 2011	Aug 24, 2011	0.521311
Aug 25, 2011	Sep 23, 2011	0.518332
Sep 26, 2011	Oct 24, 2011	0.516327
Oct 25, 2011	Nov 23, 2011	0.513960
Nov 25, 2011	Dec 23, 2011	0.510910
Dec 27, 2011	Jan 24, 2012	0.507349
Jan 25, 2012	Feb 24, 2012	0.503240
Feb 27, 2012	Mar 23, 2012	0.502911
Mar 26, 2012	Apr 24, 2012	0.497875
Apr 25, 2012	May 24, 2012	0.497800
May 25, 2012	Jun 22, 2012	0.495671
Jun 25, 2012	Jul 24, 2012	0.491277
Jul 25, 2012	Aug 24, 2012	0.488294
Aug 27, 2012	Sep 24, 2012	0.482586
Sep 25, 2012	Oct 24, 2012	0.476353
Oct 25, 2012	Nov 23, 2012	0.475218
Nov 26, 2012	Dec 24, 2012	0.470635
Dec 26, 2012	Jan 24, 2013	0.469614
Jan 25, 2013	Feb 22, 2013	0.468458
Feb 25, 2013	Mar 22, 2013	0.464481
Mar 25, 2013	Apr 24, 2013	0.460306
Apr 25, 2013	May 24, 2013	0.456310
May 28, 2013	Jun 24, 2013	0.451597
Jun 25, 2013	Jul 24, 2013	0.449431
Jul 25, 2013	Aug 23, 2013	0.445819
Aug 26, 2013	Sep 24, 2013	0.441019
Sep 25, 2013	Oct 24, 2013	0.439023
Oct 25, 2013	Nov 22, 2013	0.437484
Nov 25, 2013	Dec 24, 2013	0.432461
Dec 26, 2013	Jan 24, 2014	0.429951
Jan 27, 2014	Feb 24, 2014	0.428091
Feb 25, 2014	Mar 24, 2014	0.427013
Mar 25, 2014	Apr 24, 2014	0.425595
Apr 25, 2014	May 23, 2014	0.421093
May 27, 2014	Jun 24, 2014	0.417417
Jun 25, 2014	Jul 24, 2014	0.415469
Jul 25, 2014	Aug 22, 2014	0.412627
Aug 25, 2014	Sep 24, 2014	0.409198
Sep 25, 2014	Oct 24, 2014	0.406913
Oct 27, 2014	Nov 24, 2014	0.404301
Nov 25, 2014	Dec 24, 2014	0.402416
Dec 26, 2014	Jan 23, 2015	0.401906
Jan 26, 2015	Feb 24, 2015	0.399794
Feb 25, 2015	Mar 24, 2015	0.397644
Mar 25, 2015	Apr 24, 2015	0.395418
Apr 27, 2015	May 22, 2015	0.393273
May 26, 2015	Jun 24, 2015	0.390958
Jun 25, 2015		0.388984

#### **A2A Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	0.984954
May 25, 2007	Jun 22, 2007	0.960404
Jun 25, 2007	Jul 24, 2007	0.913284
Jul 25, 2007	Aug 24, 2007	0.884253
Aug 27, 2007	Sep 24, 2007	0.863754
Sep 25, 2007	Oct 24, 2007	0.829827
Oct 25, 2007	Nov 23, 2007	0.816247
Nov 26, 2007	Dec 24, 2007	0.796357
Dec 26, 2007	Jan 24, 2008	0.781962
Jan 25, 2008	Feb 22, 2008	0.768455
Feb 25, 2008	Mar 24, 2008	0.753392
Mar 25, 2008	Apr 24, 2008	0.733592
Apr 25, 2008	May 23, 2008	
May 27, 2008	Jun 24, 2008	0.710523
Jun 25, 2008	Jul 24, 2008	0.685138
Jul 25, 2008	Aug 22, 2008	0.662228
Aug 25, 2008	Sep 24, 2008	0.631828
Sep 25, 2008	Oct 24, 2008	0.592462
Oct 27, 2008	Nov 24, 2008	0.568136
Nov 25, 2008	Dec 24, 2008	0.548329
Dec 26, 2008	Jan 23, 2009	0.526562
Jan 26, 2009	Feb 24, 2009	0.514201
Feb 25, 2009	Mar 24, 2009	0.495379
Mar 25, 2009	Apr 24, 2009	0.478142
Apr 27, 2009	May 22, 2009	0.457813
May 26, 2009	Jun 24, 2009	0.437173
•		0.415796
Jun 25, 2009	Jul 24, 2009	0.388016
Jul 27, 2009	Aug 24, 2009	0.367622
Aug 25, 2009	Sep 24, 2009	0.351854
Sep 25, 2009	Oct 23, 2009	0.331664
Oct 26, 2009	Nov 24, 2009	0.318851
Nov 25, 2009	Dec 24, 2009	0.302639
Dec 28, 2009	Jan 22, 2010	0.290264
Jan 25, 2010	Feb 24, 2010	0.285265
Feb 25, 2010	Mar 24, 2010	0.274211
Mar 25, 2010	Apr 23, 2010	0.256248
Apr 26, 2010	May 24, 2010	0.245375
May 25, 2010	Jun 24, 2010	0.232785
Jun 25, 2010	Jul 23, 2010	0.220162
Jul 26, 2010	Aug 24, 2010	0.211203
Aug 25, 2010	Sep 24, 2010	0.196434
Sep 27, 2010	Oct 22, 2010	0.186060
Oct 25, 2010	Nov 24, 2010	0.182912
Nov 26, 2010	Dec 23, 2010	0.174975
Dec 27, 2010	Jan 24, 2011	0.166133
Jan 25, 2011	Feb 24, 2011	0.154207
Feb 25, 2011	Mar 24, 2011	0.143784
Mar 25, 2011	Apr 22, 2011	0.136840
Apr 25, 2011	May 24, 2011	0.121693
May 25, 2011	Jun 24, 2011	0.115093

### **A2A Certificate Factor Chart**

From Jun 27, 2011 J	<u>To</u> <u>Factor</u>
Juli 27, 2011	ul 22, 2011 0.106721
Jul 25, 2011 A	ug 24, 2011 0.101958
Aug 25, 2011 Se	ep 23, 2011 0.094811
Sep 26, 2011 O	ct 24, 2011 0.084995
Oct 25, 2011 N	ov 23, 2011 0.081014
Nov 25, 2011 D	ec 23, 2011 0.075154
Dec 27, 2011 Ja	in 24, 2012 0.069213
Jan 25, 2012 Fo	eb 24, 2012 0.064547
Feb 27, 2012 N	ar 23, 2012 0.063389
Mar 26, 2012 A	or 24, 2012 0.059139
Apr 25, 2012 M	ay 24, 2012 0.059026
May 25, 2012 Ju	ın 22, 2012 0.059026
Jun 25, 2012 J	ul 24, 2012 0.059026
Jul 25, 2012 A	ug 24, 2012 0.053655
Aug 27, 2012 Se	ep 24, 2012 0.052390
Sep 25, 2012 O	ct 24, 2012 0.047029
Oct 25, 2012 N	ov 23, 2012 0.042661
Nov 26, 2012 D	ec 24, 2012 0.040743
Dec 26, 2012 Ja	n 24, 2013 0.034019
Jan 25, 2013 Fo	eb 22, 2013 0.028351
Feb 25, 2013 N	ar 22, 2013 0.023594
Mar 25, 2013 A	or 24, 2013 0.019327
Apr 25, 2013 M	ay 24, 2013 0.014420
May 28, 2013 Ju	ın 24, 2013 0.009270
Jun 25, 2013 J	ul 24, 2013 0.000000
Jul 25, 2013 A	ug 23, 2013 0.000000
Aug 26, 2013 S	ep 24, 2013 0.000000
Sep 25, 2013 O	ct 24, 2013 0.000000
Oct 25, 2013 N	ov 22, 2013 0.000000
Nov 25, 2013 D	ec 24, 2013 0.000000
Dec 26, 2013 Ja	ın 24, 2014 0.000000
Jan 27, 2014 Fo	eb 24, 2014 0.000000
Feb 25, 2014 N	ar 24, 2014 0.000000
Mar 25, 2014 A	or 24, 2014 0.000000
Apr 25, 2014 M	ay 23, 2014 0.000000
May 27, 2014 Ju	ın 24, 2014 0.000000
Jun 25, 2014 J	ul 24, 2014 0.000000
Jul 25, 2014 A	ug 22, 2014 0.000000
Aug 25, 2014 S	ep 24, 2014 0.000000
Sep 25, 2014 O	ct 24, 2014 0.000000
Oct 27, 2014 N	ov 24, 2014 0.000000
Nov 25, 2014 D	ec 24, 2014 0.000000
Dec 26, 2014 Ja	ın 23, 2015 0.000000
Jan 26, 2015 Fe	eb 24, 2015 0.000000
Feb 25, 2015 N	ar 24, 2015 0.000000
Mar 25, 2015 A	or 24, 2015 0.000000
Apr 27, 2015 M	ay 22, 2015 0.000000
May 26, 2015 Ju	ın 24, 2015 0.000000
Jun 25, 2015	0.000000

#### **A2B Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	•	1.000000
	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000

### **A2B Certificate Factor Chart**

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	0.987683
Jul 25, 2013	Aug 23, 2013	0.974958
Aug 26, 2013	Sep 24, 2013	0.974958
Sep 25, 2013	Oct 24, 2013	0.964145
Oct 25, 2013	Nov 22, 2013	0.943337
Nov 25, 2013	Dec 24, 2013	0.925229
Dec 26, 2013	Jan 24, 2014	0.906240
Jan 27, 2014	Feb 24, 2014	0.875405
Feb 25, 2014	Mar 24, 2014	0.830345
Mar 25, 2014	Apr 24, 2014	0.811957
Apr 25, 2014	May 23, 2014	0.806417
May 27, 2014	Jun 24, 2014	0.767318
Jun 25, 2014	Jul 24, 2014	0.755208
Jul 25, 2014	Aug 22, 2014	0.743086
Aug 25, 2014	Sep 24, 2014	0.735996
Sep 25, 2014	Oct 24, 2014	0.715236
Oct 27, 2014	Nov 24, 2014	0.700141
Nov 25, 2014	Dec 24, 2014	0.661631
Dec 26, 2014	Jan 23, 2015	0.633913
Jan 26, 2015	Feb 24, 2015	0.613528
Feb 25, 2015	Mar 24, 2015	0.591283
Mar 25, 2015	Apr 24, 2015	0.564679
Apr 27, 2015	May 22, 2015	0.549375
May 26, 2015	Jun 24, 2015	0.518762
Jun 25, 2015		0.504105

#### **A2C Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
	•	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
<u> </u>	•	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000

### **A2C Certificate Factor Chart**

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

### **A2D Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
		1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000

### **A2D Certificate Factor Chart**

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

#### **M1** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
	<u> </u>	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000

### M1 Certificate Factor Chart

Jun 27, 2011 Jul 22, 2011 1.000000  Jul 25, 2011 Aug 24, 2011 1.000000  Sep 26, 2011 Oct 24, 2011 1.000000  Oct 25, 2011 Nov 23, 2011 1.000000  Dct 25, 2011 Dec 23, 2011 1.000000  Dcc 27, 2011 Jan 24, 2012 1.000000  Jan 25, 2012 Feb 24, 2012 1.000000  Feb 27, 2012 Mar 23, 2012 1.000000  Mar 26, 2012 Apr 24, 2012 1.000000  Apr 25, 2012 May 24, 2012 1.000000  Apr 25, 2012 Jun 22, 2012 1.000000  May 25, 2012 Jun 22, 2012 1.000000  May 25, 2012 Jun 22, 2012 1.000000  Jun 25, 2012 Jun 22, 2012 1.000000  Aug 27, 2012 Jun 22, 2012 1.000000  Aug 27, 2012 Sep 24, 2012 1.000000  Sep 25, 2012 Oct 24, 2012 1.000000  Sep 25, 2012 Oct 24, 2012 1.000000  Oct 25, 2012 Nov 23, 2012 1.000000  Dcc 26, 2012 Jan 24, 2013 0.982305  Jan 25, 2013 Feb 22, 2013 0.982333  Feb 25, 2013 Mar 22, 2013 0.982333  Feb 25, 2013 May 24, 2013 0.982333  Feb 25, 2013 May 24, 2013 0.856868  Apr 25, 2013 May 24, 2013 0.856868  Apr 25, 2013 May 24, 2013 0.866868  Apr 25, 2013 Jun 24, 2013 0.809456  May 28, 2013 Jun 24, 2013 0.809456  May 28, 2013 Jun 24, 2013 0.682350  Aug 26, 2013 Sep 24, 2013 0.652201  Sep 25, 2013 Aug 23, 2013 0.652201  Sep 25, 2013 Aug 23, 2013 0.652301  Sep 25, 2013 Aug 23, 2013 0.652301  Sep 25, 2013 Nov 22, 2013 0.652932  Oct 25, 2013 Jan 24, 2014 0.559154  Jan 27, 2014 Feb 24, 2014 0.559154  Jan 27, 2014 Feb 24, 2014 0.511364  Feb 25, 2014 May 24, 2014 0.501948  Jun 25, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Aug 22, 2014 0.501948  Jun 25, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Aug 22, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Jun 25, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Aug 27, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Sep 25, 2014 Dec 24, 2014 0.501948  Sep 25, 2015 Mar 24, 2015 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Dec 26, 2014 Jan 23, 2015 0.48	Jun 27, 2011 Jul 22, 2011 1.000000  Jul 25, 2011 Aug 24, 2011 1.000000  Sep 26, 2011 Sep 23, 2011 1.000000  Sep 26, 2011 Oct 24, 2011 1.000000  Oct 25, 2011 Nov 23, 2011 1.000000  Dec 27, 2011 Jan 24, 2012 1.000000  Jan 25, 2012 Feb 24, 2012 1.000000  Mar 26, 2012 Apr 24, 2012 1.000000  Apr 25, 2012 Mar 23, 2012 1.000000  Mar 26, 2012 Apr 24, 2012 1.000000  Mar 26, 2012 Jun 22, 2012 1.000000  May 25, 2012 Jun 22, 2012 1.000000  Jun 25, 2012 Jul 24, 2012 1.000000  May 25, 2012 Jun 22, 2012 1.000000  Jun 25, 2012 Jun 22, 2012 1.000000  Jun 25, 2012 Jul 24, 2012 1.000000  Aug 27, 2012 Sep 24, 2012 1.000000  Sep 25, 2012 Oct 24, 2012 1.000000  Oct 25, 2012 Nov 23, 2012 1.000000  Nov 26, 2012 Dec 24, 2012 1.000000  Nov 26, 2012 Dec 24, 2012 1.000000  Dec 26, 2012 Jan 24, 2013 0.982305  Jan 25, 2013 Mar 22, 2013 0.982305  Jan 25, 2013 Mar 22, 2013 0.958233  Feb 25, 2013 Mar 22, 2013 0.958233  Feb 25, 2013 Mar 24, 2013 0.958233  Feb 25, 2013 Mar 24, 2013 0.958230  Jun 25, 2013 Jul 24, 2013 0.809456  May 28, 2013 Jun 24, 2013 0.809456  May 28, 2013 Jun 24, 2013 0.766700  Jun 25, 2013 Mar 24, 2013 0.766700  Jun 25, 2013 Jul 24, 2013 0.652301  Sep 25, 2013 Nov 22, 2013 0.652301  Sep 25, 2013 Jul 24, 2013 0.599494  Dec 26, 2013 Jan 24, 2014 0.559154  Jan 27, 2014 Feb 24, 2014 0.51948  Jun 25, 2014 Mar 24, 2014 0.51948  Jun 25, 2014 Mar 24, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Sep 25, 2014 Dec 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Sep 25, 2014 Dec 26, 2015 0.480140  Dec 26, 2015 Feb 24, 2015 0.480140  Sep 25, 2015 Sep 25, 2015 0.480140  Sep 25, 2015 Sep 25, 2015 0.480140  Sep 25, 2015 Sep 25, 2015 0.4801	From	То	<u>Factor</u>
Aug 25, 2011 Sep 23, 2011 1.000000  Sep 26, 2011 Oct 24, 2011 1.000000  Oct 25, 2011 Nov 23, 2011 1.000000  Nov 25, 2011 Dec 23, 2011 1.000000  Dec 27, 2011 Jan 24, 2012 1.000000  Jan 25, 2012 Feb 24, 2012 1.000000  Feb 27, 2012 Mar 23, 2012 1.000000  Mar 26, 2012 Apr 24, 2012 1.000000  Apr 25, 2012 May 24, 2012 1.000000  May 25, 2012 Jun 22, 2012 1.000000  May 25, 2012 Jun 22, 2012 1.000000  May 25, 2012 Jul 24, 2012 1.000000  Jun 25, 2012 Jul 24, 2012 1.000000  Jun 25, 2012 Jul 24, 2012 1.000000  Jun 25, 2012 Jul 24, 2012 1.000000  Aug 27, 2012 Sep 24, 2012 1.000000  Sep 25, 2012 Oct 24, 2012 1.000000  Sep 25, 2012 Oct 24, 2012 1.000000  Nov 26, 2012 Dec 24, 2012 1.000000  Dec 26, 2012 Jan 24, 2013 0.982305  Jan 25, 2013 Feb 22, 2013 0.982333  Feb 25, 2013 Mar 22, 2013 0.982333  Feb 25, 2013 Mar 22, 2013 0.905953  Mar 25, 2013 Mar 22, 2013 0.905953  Mar 25, 2013 May 24, 2013 0.856868  Apr 25, 2013 May 24, 2013 0.809456  May 28, 2013 Jun 24, 2013 0.809456  May 28, 2013 Jun 24, 2013 0.766700  Jun 25, 2013 Jul 24, 2013 0.682350  Aug 26, 2013 Sep 24, 2013 0.652201  Sep 25, 2013 Nov 22, 2013 0.652901  Sep 25, 2013 Oct 24, 2013 0.652902  Oct 25, 2013 Nov 22, 2013 0.652902  Oct 25, 2013 Jan 24, 2014 0.517727  Apr 25, 2014 Mar 24, 2014 0.517727  May 27, 2014 Feb 24, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jun 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Sep 25, 2015 Feb 24, 2015 0.480140  Dec 26, 2015 Feb 24, 2015 0.480140	Aug 25, 2011 Sep 23, 2011 1.000000  Sep 26, 2011 Oct 24, 2011 1.000000  Oct 25, 2011 Nov 23, 2011 1.000000  Dec 27, 2011 Jan 24, 2012 1.000000  Jan 25, 2012 Feb 24, 2012 1.000000  Feb 27, 2012 Mar 23, 2012 1.000000  Mar 26, 2012 Apr 24, 2012 1.000000  May 25, 2012 Jun 22, 2012 1.000000  May 25, 2012 Jun 22, 2012 1.000000  May 25, 2012 Jun 22, 2012 1.000000  Jun 25, 2012 Jul 24, 2012 1.000000  Aug 27, 2012 Sep 24, 2012 1.000000  Oct 25, 2012 Oct 24, 2012 1.000000  Nov 26, 2012 Dec 24, 2012 1.000000  Nov 26, 2012 Dec 24, 2012 1.000000  Dec 26, 2012 Jan 24, 2013 0.982305  Jan 25, 2013 Feb 22, 2013 0.982305  Jan 25, 2013 Mar 22, 2013 0.905953  Mar 25, 2013 Mar 22, 2013 0.856868  Apr 25, 2013 May 24, 2013 0.856868  Apr 25, 2013 Jul 24, 2013 0.766700  Jun 25, 2013 Jul 24, 2013 0.766700  Jun 25, 2013 Jul 24, 2013 0.652301  Jun 25, 2013 Jul 24, 2013 0.652301  Sep 25, 2013 Oct 24, 2013 0.652301  Sep 25, 2013 Oct 24, 2013 0.652932  Oct 25, 2013 Oct 24, 2013 0.65932  Oct 25, 2013 Dec 24, 2014 0.59154  Jan 27, 2014 Feb 24, 2014 0.59154  Jan 27, 2014 Feb 24, 2014 0.591948  Jun 25, 2014 May 27, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Nov 25, 2015 Mar 24, 2015 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Feb 25, 2015 Mar 24, 2015 0.480140	Jun 27, 2011	Jul 22, 2011	
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Jun 25, 2013  Jul 24, 2013  O.720997  Jul 25, 2013  Aug 23, 2013  O.682350  Aug 26, 2013  Sep 24, 2013  O.652201  Sep 25, 2013  Oct 24, 2013  O.629032  Oct 25, 2013  Nov 22, 2013  Dec 24, 2013  O.599494  Dec 26, 2013  Jan 24, 2014  O.559154  Jan 27, 2014  Feb 24, 2014  O.541364  Feb 25, 2014  Mar 24, 2014  O.517727  Apr 25, 2014  May 27, 2014  Jun 24, 2014  Jun 25, 2014  Jun 27, 2014  Jun 24, 2014  Jun 25, 2014  Jun 26, 2014  Aug 27, 2014  Aug 28, 2014  O.501948  Oct 27, 2014  Nov 24, 2014  O.501948  Oct 27, 2014  Oct 27, 2014  Oct 24, 2014  O.501948  Oct 27, 2014  Oct 27, 2014  Oct 24, 2014  O.501948  Oct 27, 2014  Oct 27, 2014  Oct 28, 2014  Oct 29, 2014  Oct 29, 2014  Oct 2014  Oct 2014  Oct 2015  Oct 2013  Oct 20	Jun 25, 2013  Jul 24, 2013  O.720997  Jul 25, 2013  Aug 23, 2013  O.682350  Aug 26, 2013  Sep 24, 2013  O.652201  Sep 25, 2013  Oct 24, 2013  O.629032  Oct 25, 2013  Nov 22, 2013  O.625932  Nov 25, 2013  Dec 24, 2013  O.599494  Dec 26, 2013  Jan 24, 2014  O.559154  Jan 27, 2014  Feb 24, 2014  O.541364  Feb 25, 2014  Mar 24, 2014  O.517727  Apr 25, 2014  May 27, 2014  Jun 24, 2014  O.501948  Jun 25, 2014  Aug 22, 2014  O.501948  Aug 25, 2014  Aug 22, 2014  O.501948  Sep 25, 2014  Oct 27, 2014  Nov 24, 2014  O.501948  Nov 25, 2014  Nov 26, 2014  Oct 27, 2014  Nov 24, 2014  O.501948  Oct 27, 2014  Nov 24, 2014  O.501948  Oct 27, 2014  Nov 25, 2014  Oct 24, 2014  O.501948  Oct 27, 2014  Nov 26, 2014  Oct 27, 2014  Nov 27, 2015  O.480140  Feb 25, 2015  Apr 27, 2015  May 22, 2015  O.481347	Apr 25, 2013	May 24, 2013	0.809456
Jul 25, 2013 Aug 23, 2013 0.682350  Aug 26, 2013 Sep 24, 2013 0.652201  Sep 25, 2013 Oct 24, 2013 0.629032  Oct 25, 2013 Nov 22, 2013 0.625932  Nov 25, 2013 Dec 24, 2013 0.599494  Dec 26, 2013 Jan 24, 2014 0.559154  Jan 27, 2014 Feb 24, 2014 0.541364  Feb 25, 2014 Mar 24, 2014 0.517727  Apr 25, 2014 Apr 24, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2015 Feb 24, 2015 0.480140	Jul 25, 2013 Aug 23, 2013 0.682350  Aug 26, 2013 Sep 24, 2013 0.652201  Sep 25, 2013 Oct 24, 2013 0.629032  Oct 25, 2013 Nov 22, 2013 0.625932  Nov 25, 2013 Dec 24, 2013 0.599494  Dec 26, 2013 Jan 24, 2014 0.599494  Dec 26, 2013 Jan 24, 2014 0.541364  Feb 25, 2014 Mar 24, 2014 0.517727  Apr 25, 2014 May 23, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Aug 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Oct 27, 2014 Dec 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Oct 27, 2014 Dec 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Feb 25, 2015 Dec 24, 2015 0.480140  Feb 25, 2015 Mar 24, 2015 0.480987  Apr 27, 2015 May 22, 2015 0.481347	May 28, 2013	Jun 24, 2013	0.766700
Aug 26, 2013 Sep 24, 2013 0.652201  Sep 25, 2013 Oct 24, 2013 0.629032  Oct 25, 2013 Nov 22, 2013 0.625932  Nov 25, 2013 Dec 24, 2013 0.599494  Dec 26, 2013 Jan 24, 2014 0.559154  Jan 27, 2014 Feb 24, 2014 0.541364  Feb 25, 2014 Mar 24, 2014 0.517727  Apr 25, 2014 May 23, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Oct 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2015 Feb 24, 2015 0.480140	Aug 26, 2013 Sep 24, 2013 0.652201  Sep 25, 2013 Oct 24, 2013 0.629032  Oct 25, 2013 Nov 22, 2013 0.625932  Nov 25, 2013 Dec 24, 2013 0.599494  Dec 26, 2013 Jan 24, 2014 0.559154  Jan 27, 2014 Feb 24, 2014 0.541364  Feb 25, 2014 Mar 24, 2014 0.517727  Apr 25, 2014 Apr 24, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Nov 25, 2014 Oct 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Feb 25, 2015 Mar 24, 2015 0.480987  Apr 27, 2015 May 22, 2015 0.481347	Jun 25, 2013	Jul 24, 2013	0.720997
Sep 25, 2013 Oct 24, 2013 0.629032 Oct 25, 2013 Nov 22, 2013 0.625932 Nov 25, 2013 Dec 24, 2013 0.599494 Dec 26, 2013 Jan 24, 2014 0.559154 Jan 27, 2014 Feb 24, 2014 0.541364 Feb 25, 2014 Mar 24, 2014 0.517727 Apr 25, 2014 May 23, 2014 0.517727 May 27, 2014 Jun 24, 2014 0.501948 Jun 25, 2014 Jul 24, 2014 0.501948 Jun 25, 2014 Aug 22, 2014 0.501948 Aug 25, 2014 Sep 24, 2014 0.501948 Aug 25, 2014 Sep 24, 2014 0.501948 Oct 27, 2014 Oct 24, 2014 0.501948 Oct 27, 2014 Nov 24, 2014 0.501948 Nov 25, 2014 Dec 24, 2014 0.501948 Oct 27, 2014 Nov 24, 2014 0.501948 Dec 26, 2014 Jan 23, 2015 0.480140 Jan 26, 2015 Feb 24, 2015 0.480140	Sep 25, 2013 Oct 24, 2013 0.629032 Oct 25, 2013 Nov 22, 2013 0.625932 Nov 25, 2013 Dec 24, 2013 0.599494 Dec 26, 2013 Jan 24, 2014 0.559154 Jan 27, 2014 Feb 24, 2014 0.541364 Feb 25, 2014 Mar 24, 2014 0.517727 Apr 25, 2014 May 23, 2014 0.517727 May 27, 2014 Jun 24, 2014 0.501948 Jun 25, 2014 Jul 24, 2014 0.501948 Jun 25, 2014 Aug 22, 2014 0.501948 Aug 25, 2014 Sep 24, 2014 0.501948 Sep 25, 2014 Oct 24, 2014 0.501948 Sep 25, 2014 Oct 24, 2014 0.501948 Oct 27, 2014 Dec 24, 2014 0.501948 Oct 27, 2014 Dec 24, 2014 0.501948 Dec 26, 2014 Dec 24, 2014 0.501948 Nov 25, 2014 Dec 24, 2014 0.501948 Nov 25, 2014 Dec 24, 2014 0.480140 Dec 26, 2015 Feb 24, 2015 0.480140 Feb 25, 2015 Mar 24, 2015 0.480987 Apr 27, 2015 May 22, 2015 0.481347	Jul 25, 2013	Aug 23, 2013	0.682350
Oct 25, 2013 Nov 22, 2013 0.625932  Nov 25, 2013 Dec 24, 2013 0.599494  Dec 26, 2013 Jan 24, 2014 0.559154  Jan 27, 2014 Feb 24, 2014 0.541364  Feb 25, 2014 Mar 24, 2014 0.517727  Apr 25, 2014 May 23, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Aug 22, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Sep 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Oct 27, 2014 Dec 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Dec 26, 2014 Jan 23, 2015 0.480140  Feb 25, 2015 Feb 24, 2015 0.480140	Oct 25, 2013 Nov 22, 2013 0.625932  Nov 25, 2013 Dec 24, 2013 0.599494  Dec 26, 2013 Jan 24, 2014 0.559154  Jan 27, 2014 Feb 24, 2014 0.541364  Feb 25, 2014 Mar 24, 2014 0.528860  Mar 25, 2014 Apr 24, 2014 0.517727  Apr 25, 2014 May 23, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Feb 25, 2015 Mar 24, 2015 0.480987  Apr 27, 2015 May 22, 2015 0.481347	Aug 26, 2013	Sep 24, 2013	0.652201
Nov 25, 2013 Dec 24, 2013 0.599494  Dec 26, 2013 Jan 24, 2014 0.559154  Jan 27, 2014 Feb 24, 2014 0.541364  Feb 25, 2014 Mar 24, 2014 0.517727  Apr 25, 2014 May 23, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Aug 22, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140	Nov 25, 2013 Dec 24, 2013 Dec 26, 2013 Dec 26, 2014 Dec 26, 2014 Dec 26, 2014 Dec 26, 2014 Feb 24, 2014 Dec 26, 2014 Mar 24, 2014 Dec 26, 2014 Mar 25, 2014 May 23, 2014 Dec 26, 2014 May 27, 2014 Jun 24, 2014 Jun 25, 2014 Jun 25, 2014 Jun 26, 2014 Dec 26, 2014 Dec 26, 2014 Dec 26, 2015 Mar 25, 2015 May 27, 2015 May 27, 2015 May 27, 2015 May 27, 2016 Dec 26, 2017 May 27, 2018 Dec 24, 2019 Dec 24, 2019 Dec 26, 2019 May 27, 2019 Dec 24, 2019 Dec 24, 2019 Dec 26, 2019 Dec 2	Sep 25, 2013	Oct 24, 2013	0.629032
Dec 26, 2013 Jan 24, 2014 0.559154  Jan 27, 2014 Feb 24, 2014 0.541364  Feb 25, 2014 Mar 24, 2014 0.517727  Apr 25, 2014 May 23, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Aug 22, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140	Dec 26, 2013	Oct 25, 2013	Nov 22, 2013	0.625932
Jan 27, 2014 Feb 24, 2014 0.541364 Feb 25, 2014 Mar 24, 2014 0.528860 Mar 25, 2014 Apr 24, 2014 0.517727 Apr 25, 2014 May 23, 2014 0.517727 May 27, 2014 Jun 24, 2014 0.501948 Jun 25, 2014 Jul 24, 2014 0.501948 Jul 25, 2014 Aug 22, 2014 0.501948 Aug 25, 2014 Sep 24, 2014 0.501948 Sep 25, 2014 Oct 24, 2014 0.501948 Oct 27, 2014 Nov 24, 2014 0.501948 Nov 25, 2014 Dec 24, 2014 0.501948 Nov 25, 2014 Dec 24, 2014 0.501948 Dec 26, 2014 Jan 23, 2015 0.480140 Jan 26, 2015 Feb 24, 2015 0.480140	Jan 27, 2014 Feb 24, 2014 0.541364  Feb 25, 2014 Mar 24, 2014 0.528860  Mar 25, 2014 Apr 24, 2014 0.517727  Apr 25, 2014 May 23, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Aug 22, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Feb 25, 2015 Mar 24, 2015 0.480987  Apr 27, 2015 May 22, 2015 0.481347	Nov 25, 2013	Dec 24, 2013	0.599494
Feb 25, 2014 Mar 24, 2014 0.528860  Mar 25, 2014 Apr 24, 2014 0.517727  Apr 25, 2014 May 23, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Nov 25, 2014 Jul 26, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Feb 25, 2015 Mar 24, 2015 0.480140	Feb 25, 2014 Mar 24, 2014 0.528860  Mar 25, 2014 Apr 24, 2014 0.517727  Apr 25, 2014 May 23, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Aug 22, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Feb 25, 2015 Mar 24, 2015 0.480987  Apr 27, 2015 May 22, 2015 0.481347	Dec 26, 2013	Jan 24, 2014	0.559154
Mar 25, 2014 Apr 24, 2014 0.517727  Apr 25, 2014 May 23, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140	Mar 25, 2014	Jan 27, 2014	Feb 24, 2014	0.541364
Apr 25, 2014 May 23, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140	Apr 25, 2014 May 23, 2014 0.517727  May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.501948  Nov 25, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480773  Mar 25, 2015 May 24, 2015 0.48087  Apr 27, 2015 May 22, 2015 0.481347	Feb 25, 2014	Mar 24, 2014	0.528860
May 27, 2014 Jun 24, 2014 0.501948  Jun 25, 2014 Jul 24, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140	May 27, 2014  Jun 24, 2014  Jun 25, 2014  Jul 24, 2014  Jul 25, 2014  Aug 22, 2014  O.501948  Aug 25, 2014  Aug 22, 2014  O.501948  Sep 25, 2014  Oct 24, 2014  O.501948  Oct 27, 2014  Nov 24, 2014  O.501948  Nov 25, 2014  Dec 24, 2014  O.501948  Nov 25, 2014  Dec 24, 2014  O.480140  Jan 26, 2015  Feb 24, 2015  O.480140  Feb 25, 2015  Mar 24, 2015  O.480773  Mar 25, 2015  Apr 24, 2015  O.48087  Apr 27, 2015  May 22, 2015  O.481347	Mar 25, 2014	Apr 24, 2014	0.517727
Jun 25, 2014 Jul 24, 2014 0.501948  Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140	Jun 25, 2014  Jul 24, 2014  0.501948  Jul 25, 2014  Aug 22, 2014  0.501948  Aug 25, 2014  Sep 24, 2014  0.501948  Sep 25, 2014  Oct 24, 2014  0.501948  Oct 27, 2014  Nov 24, 2014  0.501948  Nov 25, 2014  Dec 24, 2014  0.501948  Nov 25, 2014  Dec 24, 2014  0.480140  Dec 26, 2014  Jan 23, 2015  0.480140  Feb 25, 2015  Mar 24, 2015  0.480773  Mar 25, 2015  Apr 24, 2015  0.480987  Apr 27, 2015  May 22, 2015  0.481347	Apr 25, 2014	May 23, 2014	0.517727
Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140	Jul 25, 2014 Aug 22, 2014 0.501948  Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140  Feb 25, 2015 Mar 24, 2015 0.480773  Mar 25, 2015 Apr 24, 2015 0.480987  Apr 27, 2015 May 22, 2015 0.481347	May 27, 2014	Jun 24, 2014	0.501948
Aug 25, 2014 Sep 24, 2014 0.501948 Sep 25, 2014 Oct 24, 2014 0.501948 Oct 27, 2014 Nov 24, 2014 0.501948 Nov 25, 2014 Dec 24, 2014 0.480140 Dec 26, 2014 Jan 23, 2015 0.480140 Jan 26, 2015 Feb 24, 2015 0.480140	Aug 25, 2014 Sep 24, 2014 0.501948  Sep 25, 2014 Oct 24, 2014 0.501948  Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140  Feb 25, 2015 Mar 24, 2015 0.480773  Mar 25, 2015 Apr 24, 2015 0.480987  Apr 27, 2015 May 22, 2015 0.481347	Jun 25, 2014	Jul 24, 2014	0.501948
Sep 25, 2014     Oct 24, 2014     0.501948       Oct 27, 2014     Nov 24, 2014     0.501948       Nov 25, 2014     Dec 24, 2014     0.480140       Dec 26, 2014     Jan 23, 2015     0.480140       Jan 26, 2015     Feb 24, 2015     0.480140	Sep 25, 2014 Oct 24, 2014 0.501948 Oct 27, 2014 Nov 24, 2014 0.501948 Nov 25, 2014 Dec 24, 2014 0.480140 Dec 26, 2014 Jan 23, 2015 0.480140 Jan 26, 2015 Feb 24, 2015 0.480140 Feb 25, 2015 Mar 24, 2015 0.480773 Mar 25, 2015 Apr 24, 2015 0.480987 Apr 27, 2015 May 22, 2015 0.481347	Jul 25, 2014	Aug 22, 2014	0.501948
Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140	Oct 27, 2014 Nov 24, 2014 0.501948  Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140  Feb 25, 2015 Mar 24, 2015 0.480773  Mar 25, 2015 Apr 24, 2015 0.480987  Apr 27, 2015 May 22, 2015 0.481347	Aug 25, 2014	Sep 24, 2014	0.501948
Nov 25, 2014 Dec 24, 2014 0.480140 Dec 26, 2014 Jan 23, 2015 0.480140 Jan 26, 2015 Feb 24, 2015 0.480140	Nov 25, 2014 Dec 24, 2014 0.480140  Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140  Feb 25, 2015 Mar 24, 2015 0.480773  Mar 25, 2015 Apr 24, 2015 0.480987  Apr 27, 2015 May 22, 2015 0.481347	Sep 25, 2014	Oct 24, 2014	0.501948
Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140  End 25, 2015 May 24, 2015	Dec 26, 2014 Jan 23, 2015 0.480140  Jan 26, 2015 Feb 24, 2015 0.480140  Feb 25, 2015 Mar 24, 2015 0.480773  Mar 25, 2015 Apr 24, 2015 0.480987  Apr 27, 2015 May 22, 2015 0.481347	Oct 27, 2014	Nov 24, 2014	0.501948
Jan 26, 2015 Feb 24, 2015 0.480140	Jan 26, 2015 Feb 24, 2015 0.480140 Feb 25, 2015 Mar 24, 2015 0.480773 Mar 25, 2015 Apr 24, 2015 0.480987 Apr 27, 2015 May 22, 2015 0.481347	Nov 25, 2014	Dec 24, 2014	0.480140
Eob 25 2015 Mar 24 2015	Feb 25, 2015 Mar 24, 2015 0.480773 Mar 25, 2015 Apr 24, 2015 0.480987 Apr 27, 2015 May 22, 2015 0.481347	Dec 26, 2014	Jan 23, 2015	0.480140
Feb 25, 2015 Mar 24, 2015 0.480773	Mar 25, 2015 Apr 24, 2015 0.480987 Apr 27, 2015 May 22, 2015 0.481347	Jan 26, 2015	Feb 24, 2015	0.480140
	Apr 27, 2015 May 22, 2015 0.481347	Feb 25, 2015	Mar 24, 2015	0.480773
Mar 25, 2015 Apr 24, 2015 0.480987	May 26, 2015 Jun 24, 2015	Mar 25, 2015	Apr 24, 2015	0.480987
Apr 27, 2015 May 22, 2015 0.481347	May 26, 2015 Jun 24, 2015 0.481384	Apr 27, 2015	May 22, 2015	0.481347
May 26, 2015 Jun 24, 2015 0.481384		May 26, 2015	Jun 24, 2015	0.481384
	Jun 25, 2015 0.481447	Jun 25, 2015		0.481447

#### **M2 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
	•	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1 000000
May 25, 2011	Jun 24, 2011	1.000000

# M2 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	0.896359
May 25, 2012	Jun 22, 2012	0.728885
Jun 25, 2012	Jul 24, 2012	0.599704
Jul 25, 2012	Aug 24, 2012	0.473831
Aug 27, 2012	Sep 24, 2012	0.345917
Sep 25, 2012	Oct 24, 2012	0.289733
Oct 25, 2012	Nov 23, 2012	0.162600
Nov 26, 2012	Dec 24, 2012	0.058989
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M3 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
	·	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009 Dec 28, 2009	Dec 24, 2009	1.000000
	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011 Mar 25, 2011	Mar 24, 2011 Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
IVIAY 23, 2011	Juli 24, 2011	1.000000

### M3 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	0.946505
Sep 26, 2011	Oct 24, 2011	0.810826
Oct 25, 2011	Nov 23, 2011	0.810826
Nov 25, 2011	Dec 23, 2011	0.719208
Dec 27, 2011	Jan 24, 2012	0.624236
Jan 25, 2012	Feb 24, 2012	0.443376
Feb 27, 2012	Mar 23, 2012	0.332267
Mar 26, 2012	Apr 24, 2012	0.179498
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M4 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
		1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
		1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	0.914834
Mar 25, 2011	Apr 22, 2011	0.789493
	,	0.703433
Apr 25, 2011	May 24, 2011	0.636942

# M4 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.334183
Jul 25, 2011	Aug 24, 2011	0.129253
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000
Va.1 20, 2010		0.000000

#### **M5 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
	-	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010 Feb 25, 2010	Feb 24, 2010 Mar 24, 2010	1.000000
·		1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	0.916521
Sep 27, 2010	Oct 22, 2010	0.536496
Oct 25, 2010	Nov 24, 2010	0.420855
Nov 26, 2010	Dec 23, 2010	0.335838
Dec 27, 2010	Jan 24, 2011	0.279900
Jan 25, 2011	Feb 24, 2011	0.074588
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

### **M5 Certificate Factor Chart**

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### **M6 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	-	1.000000
	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	0.736021
May 25, 2010	Jun 24, 2010	0.462852
Jun 25, 2010	Jul 23, 2010	0.198222
Jul 26, 2010	Aug 24, 2010	0.025159
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
		0.000000

### M6 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000
		5.555666

#### **M7 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
	Sep 24, 2009	1.000000
Aug 25, 2009	Oct 23, 2009	1.000000
Sep 25, 2009	·	0.858692
Oct 26, 2009	Nov 24, 2009	0.732976
Nov 25, 2009	Dec 24, 2009	0.561022
Dec 28, 2009	Jan 22, 2010	0.388728
Jan 25, 2010	Feb 24, 2010	0.248383
Feb 25, 2010	Mar 24, 2010	0.110763
Mar 25, 2010	Apr 23, 2010	0.002281
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000

### M7 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000
		2.000000

#### **M8 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
-		1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	0.876208
Jul 27, 2009	Aug 24, 2009	0.462531
Aug 25, 2009	Sep 24, 2009	0.138474
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011 May 25, 2011	May 24, 2011 Jun 24, 2011	0.000000

# M8 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M9 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Apr 24, 2007	1.000000
Apr 25, 2007	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	_	1.000000
	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	0.547939
May 26, 2009	Jun 24, 2009	0.211044
Jun 25, 2009	Jul 24, 2009	0.000000
Jul 27, 2009	Aug 24, 2009	0.000000
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
·		

### GSAMP Trust 2007-HE2

### M9 Certificate Factor Chart

From	То	<u>Factor</u>
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000
		2.000000

# 1A1 Certificate Factor Chart

From	То	<u>Factor</u>
<u>110111</u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.995817
Jun 25, 2007	Jul 24, 2007	0.990664
Jul 25, 2007	Aug 24, 2007	0.974682
Aug 27, 2007	Sep 24, 2007	0.965920
Sep 25, 2007	Oct 24, 2007	0.958428
Oct 25, 2007	Nov 23, 2007	0.951969
Nov 26, 2007	Dec 24, 2007	0.931909
Dec 26, 2007	Jan 24, 2008	0.927363
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	0.919875
Mar 25, 2008	Apr 24, 2008	0.905454
Apr 25, 2008	May 23, 2008	0.896560
May 27, 2008	Jun 24, 2008	0.884010
Jun 25, 2008	Jul 24, 2008	0.873735
Jul 25, 2008	Aug 22, 2008	0.867502
Aug 25, 2008	Sep 24, 2008	0.864444
Sep 25, 2008	Oct 24, 2008	0.859801
Oct 27, 2008	Nov 24, 2008	0.855191
Nov 25, 2008	Dec 24, 2008	0.851413
Dec 26, 2008	Jan 23, 2009	0.844077
Jan 26, 2009	Feb 24, 2009	0.840545
Feb 25, 2009	Mar 24, 2009	0.833573
Mar 25, 2009	Apr 24, 2009	0.828506
Apr 27, 2009	<u> </u>	0.820251
·	May 22, 2009	0.814157
May 26, 2009	Jun 24, 2009	0.804081
Jun 25, 2009	Jul 24, 2009	0.797343
Jul 27, 2009 Aug 25, 2009	Aug 24, 2009 Sep 24, 2009	0.787516
		0.780152
Sep 25, 2009	Oct 23, 2009	0.776143
Oct 26, 2009	Nov 24, 2009	0.769906
Nov 25, 2009	Dec 24, 2009	0.759611
Dec 28, 2009	Jan 22, 2010	0.750936
Jan 25, 2010	Feb 24, 2010	0.743538
Feb 25, 2010	Mar 24, 2010	0.735275
Mar 25, 2010	Apr 23, 2010	0.726847
Apr 26, 2010	May 24, 2010	0.716878
May 25, 2010	Jun 24, 2010	0.712060
Jun 25, 2010	Jul 23, 2010	0.705980
Jul 26, 2010	Aug 24, 2010	0.701356
Aug 25, 2010	Sep 24, 2010	0.697877
Sep 27, 2010	Oct 22, 2010	0.692178
Oct 25, 2010	Nov 24, 2010	0.685082
Nov 26, 2010	Dec 23, 2010	0.680454
Dec 27, 2010  Jan 25, 2011	Jan 24, 2011 Feb 24, 2011	0.674514
Feb 25, 2011	Mar 24, 2011	0.665513
Mar 25, 2011	Apr 22, 2011	0.660256
Apr 25, 2011	May 24, 2011	0.657584
May 25, 2011	Jun 24, 2011	0.654960
Jun 27, 2011	Jul 22, 2011	0.648399
Jun 27, 2011	Jui 22, 2011	0.644101

### 1A1 Certificate Factor Chart

From	To	Factor
Jul 25, 2011	Aug 24, 2011	0.638768
Aug 25, 2011	Sep 23, 2011	0.635019
Sep 26, 2011	Oct 24, 2011	0.631747
Oct 25, 2011	Nov 23, 2011	0.627742
Nov 25, 2011	Dec 23, 2011	0.623141
Dec 27, 2011	Jan 24, 2012	0.616986
Jan 25, 2012	Feb 24, 2012	0.614870
Feb 27, 2012	Mar 23, 2012	0.609226
Mar 26, 2012	Apr 24, 2012	0.606819
Apr 25, 2012	May 24, 2012	0.602190
May 25, 2012	Jun 22, 2012	0.599307
Jun 25, 2012	Jul 24, 2012	0.596485
Jul 25, 2012	Aug 24, 2012	0.591365
Aug 27, 2012	Sep 24, 2012	0.588520
Sep 25, 2012	Oct 24, 2012	0.584074
Oct 25, 2012	Nov 23, 2012	0.581535
Nov 26, 2012	Dec 24, 2012	0.578243
Dec 26, 2012	Jan 24, 2013	0.573695
Jan 25, 2013	Feb 22, 2013	0.569884
Feb 25, 2013	Mar 22, 2013	0.566217
Mar 25, 2013	Apr 24, 2013	0.560471
Apr 25, 2013	May 24, 2013	0.556809
May 28, 2013	Jun 24, 2013	0.553997
Jun 25, 2013	Jul 24, 2013	0.551056
Jul 25, 2013	Aug 23, 2013	0.547585
Aug 26, 2013	Sep 24, 2013	0.543590
Sep 25, 2013	Oct 24, 2013	0.542071
Oct 25, 2013	Nov 22, 2013	0.539568
Nov 25, 2013	Dec 24, 2013	0.536771
Dec 26, 2013	Jan 24, 2014	0.532873
Jan 27, 2014	Feb 24, 2014	0.530933
Feb 25, 2014	Mar 24, 2014	0.530500
Mar 25, 2014	Apr 24, 2014	0.529836
Apr 25, 2014	May 23, 2014	0.527558
May 27, 2014	Jun 24, 2014	0.522485
Jun 25, 2014	Jul 24, 2014	0.519689
Jul 25, 2014	Aug 22, 2014	0.517904
Aug 25, 2014	Sep 24, 2014	0.514434
Sep 25, 2014	Oct 24, 2014	0.513053
Oct 27, 2014	Nov 24, 2014	0.509377
Nov 25, 2014	Dec 24, 2014	0.504685
Dec 26, 2014	Jan 23, 2015	0.503019
Jan 26, 2015	Feb 24, 2015	0.501452
Feb 25, 2015	Mar 24, 2015	0.500292
Mar 25, 2015	Apr 24, 2015	0.498564
Apr 27, 2015	May 22, 2015	0.491882
May 26, 2015	Jun 24, 2015	0.488382
Jun 25, 2015		0.483362

### 1A2 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.995817
Jun 25, 2007	Jul 24, 2007	0.990664
Jul 25, 2007	Aug 24, 2007	0.974682
Aug 27, 2007	Sep 24, 2007	0.965920
Sep 25, 2007	Oct 24, 2007	0.958428
Oct 25, 2007	Nov 23, 2007	0.951969
Nov 26, 2007	Dec 24, 2007	0.939667
Dec 26, 2007	Jan 24, 2008	0.927363
Jan 25, 2008	Feb 22, 2008	0.919875
Feb 25, 2008	Mar 24, 2008	0.905454
Mar 25, 2008	Apr 24, 2008	0.896560
Apr 25, 2008	May 23, 2008	0.884010
May 27, 2008	Jun 24, 2008	0.873735
Jun 25, 2008	Jul 24, 2008	0.867502
Jul 25, 2008	Aug 22, 2008	0.864444
Aug 25, 2008	Sep 24, 2008	0.859801
Sep 25, 2008	Oct 24, 2008	0.855191
Oct 27, 2008	Nov 24, 2008	0.851413
Nov 25, 2008	Dec 24, 2008	0.844077
Dec 26, 2008	Jan 23, 2009	0.840545
Jan 26, 2009	Feb 24, 2009	0.833573
Feb 25, 2009	Mar 24, 2009	0.828506
Mar 25, 2009	Apr 24, 2009	0.820251
Apr 27, 2009	May 22, 2009	0.814157
May 26, 2009	Jun 24, 2009	0.804081
Jun 25, 2009	Jul 24, 2009	0.797343
Jul 27, 2009	Aug 24, 2009	0.787516
Aug 25, 2009	Sep 24, 2009	0.780152
Sep 25, 2009	Oct 23, 2009	0.776143
Oct 26, 2009	Nov 24, 2009	0.769906
Nov 25, 2009	Dec 24, 2009	0.759611
Dec 28, 2009	Jan 22, 2010	0.750936
Jan 25, 2010	Feb 24, 2010	0.743538
Feb 25, 2010	Mar 24, 2010	0.735275
Mar 25, 2010	Apr 23, 2010	0.726847
Apr 26, 2010	May 24, 2010	0.716878
May 25, 2010	Jun 24, 2010	0.712060
Jun 25, 2010	Jul 23, 2010	0.705980
Jul 26, 2010	Aug 24, 2010	0.701356
Aug 25, 2010	Sep 24, 2010	0.697877
Sep 27, 2010	Oct 22, 2010	0.692178
Oct 25, 2010	Nov 24, 2010	0.685082
Nov 26, 2010	Dec 23, 2010	0.680454
Dec 27, 2010	Jan 24, 2011	0.674514
Jan 25, 2011	Feb 24, 2011	0.665513
Feb 25, 2011	Mar 24, 2011	0.660256
Mar 25, 2011	Apr 22, 2011	0.657584
Apr 25, 2011	May 24, 2011	0.654960
May 25, 2011	Jun 24, 2011	0.648399
Jun 27, 2011	Jul 22, 2011	0.644101

# 1A2 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.638768
Aug 25, 2011	Sep 23, 2011	0.635019
Sep 26, 2011	Oct 24, 2011	0.631747
Oct 25, 2011	Nov 23, 2011	0.627742
Nov 25, 2011	Dec 23, 2011	0.623141
Dec 27, 2011	Jan 24, 2012	0.616986
Jan 25, 2012	Feb 24, 2012	0.607129
Feb 27, 2012	Mar 23, 2012	0.573000
Mar 26, 2012	Apr 24, 2012	0.538331
Apr 25, 2012	May 24, 2012	0.478708
May 25, 2012	Jun 22, 2012	0.454950
Jun 25, 2012	Jul 24, 2012	0.425630
Jul 25, 2012	Aug 24, 2012	0.390515
Aug 27, 2012	Sep 24, 2012	0.365050
Sep 25, 2012	Oct 24, 2012	0.341154
Oct 25, 2012	Nov 23, 2012	0.326041
Nov 26, 2012	Dec 24, 2012	0.297805
Dec 26, 2012	Jan 24, 2013	0.241684
Jan 25, 2013	Feb 22, 2013	0.205265
Feb 25, 2013	Mar 22, 2013	0.161958
Mar 25, 2013	Apr 24, 2013	0.094770
Apr 25, 2013	May 24, 2013	0.059739
May 28, 2013	Jun 24, 2013	0.036082
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

# 2A1 Certificate Factor Chart

From	То	Factor
FIOIII	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.977428
Jun 25, 2007	Jul 24, 2007	0.850926
Jul 25, 2007	Aug 24, 2007	0.761823
Aug 27, 2007	Sep 24, 2007	0.720268
Sep 25, 2007	Oct 24, 2007	0.685016
Oct 25, 2007	Nov 23, 2007	0.685016
Nov 26, 2007	Dec 24, 2007	
Dec 26, 2007	Jan 24, 2008	0.670764
Jan 25, 2008	Feb 22, 2008	0.658353
Feb 25, 2008	Mar 24, 2008	0.656698
Mar 25, 2008	Apr 24, 2008	0.646795
Apr 25, 2008	May 23, 2008	0.640474
May 27, 2008	Jun 24, 2008	0.629829
Jun 25, 2008	Jul 24, 2008	0.611468
Jul 25, 2008	Aug 22, 2008	0.577809
Aug 25, 2008	Sep 24, 2008	0.569635
Sep 25, 2008	-	0.564253
	Oct 24, 2008	0.550750
Oct 27, 2008	Nov 24, 2008	0.536030
Nov 25, 2008	Dec 24, 2008	0.525807
Dec 26, 2008	Jan 23, 2009	0.508591
Jan 26, 2009	Feb 24, 2009	0.505582
Feb 25, 2009	Mar 24, 2009	0.489674
Mar 25, 2009	Apr 24, 2009	0.477905
Apr 27, 2009	May 22, 2009	0.465801
May 26, 2009	Jun 24, 2009	0.451802
Jun 25, 2009	Jul 24, 2009	0.438565
Jul 27, 2009	Aug 24, 2009	0.410855
Aug 25, 2009	Sep 24, 2009	0.402507
Sep 25, 2009	Oct 23, 2009	0.394164
Oct 26, 2009	Nov 24, 2009	0.387421
Nov 25, 2009	Dec 24, 2009	0.376890
Dec 28, 2009	Jan 22, 2010	0.366152
Jan 25, 2010	Feb 24, 2010	0.353862
Feb 25, 2010	Mar 24, 2010	0.342971
Mar 25, 2010	Apr 23, 2010	0.328469
Apr 26, 2010	May 24, 2010	0.322630
May 25, 2010	Jun 24, 2010	0.307271
Jun 25, 2010	Jul 23, 2010	0.293753
Jul 26, 2010	Aug 24, 2010	0.277422
Aug 25, 2010	Sep 24, 2010	0.261818
Sep 27, 2010	Oct 22, 2010	0.239185
Oct 25, 2010	Nov 24, 2010	0.227707
Nov 26, 2010	Dec 23, 2010	0.215859
Dec 27, 2010	Jan 24, 2011	0.206122
Jan 25, 2011	Feb 24, 2011	0.195918
Feb 25, 2011	Mar 24, 2011	0.176474
Mar 25, 2011	Apr 22, 2011	0.147753
Apr 25, 2011	May 24, 2011	0.127386
May 25, 2011	Jun 24, 2011	0.122002
Jun 27, 2011	Jul 22, 2011	0.111511

# 2A1 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.098771
Aug 25, 2011	Sep 23, 2011	0.089562
Sep 26, 2011	Oct 24, 2011	0.079624
Oct 25, 2011	Nov 23, 2011	0.076140
Nov 25, 2011	Dec 23, 2011	0.058841
Dec 27, 2011	Jan 24, 2012	0.058092
Jan 25, 2012	Feb 24, 2012	0.057725
Feb 27, 2012	Mar 23, 2012	0.057234
Mar 26, 2012	Apr 24, 2012	0.056606
Apr 25, 2012	May 24, 2012	0.056026
May 25, 2012	Jun 22, 2012	0.055289
Jun 25, 2012	Jul 24, 2012	0.055019
Jul 25, 2012	Aug 24, 2012	0.054516
Aug 27, 2012	Sep 24, 2012	0.053831
Sep 25, 2012	Oct 24, 2012	0.053342
Oct 25, 2012	Nov 23, 2012	0.052664
Nov 26, 2012	Dec 24, 2012	0.051724
Dec 26, 2012	Jan 24, 2013	0.051293
Jan 25, 2013	Feb 22, 2013	0.050883
Feb 25, 2013	Mar 22, 2013	0.050369
Mar 25, 2013	Apr 24, 2013	0.050111
Apr 25, 2013	May 24, 2013	0.049392
May 28, 2013	Jun 24, 2013	0.048670
Jun 25, 2013	Jul 24, 2013	0.048348
Jul 25, 2013	Aug 23, 2013	0.047837
Aug 26, 2013	Sep 24, 2013	0.047441
Sep 25, 2013	Oct 24, 2013	0.047210
Oct 25, 2013	Nov 22, 2013	0.047074
Nov 25, 2013	Dec 24, 2013	0.046631
Dec 26, 2013	Jan 24, 2014	0.046332
Jan 27, 2014	Feb 24, 2014	0.046104
Feb 25, 2014	Mar 24, 2014	0.045756
Mar 25, 2014	Apr 24, 2014	0.045306
Apr 25, 2014	May 23, 2014	0.045246
May 27, 2014	Jun 24, 2014	0.044961
Jun 25, 2014	Jul 24, 2014	0.044474
Jul 25, 2014	Aug 22, 2014	0.044057
Aug 25, 2014	Sep 24, 2014	0.043755
Sep 25, 2014	Oct 24, 2014	0.043512
Oct 27, 2014	Nov 24, 2014	0.043512
Nov 25, 2014	Dec 24, 2014	0.043339
Dec 26, 2014	Jan 23, 2015	0.043089
Jan 26, 2015	Feb 24, 2015	0.042706
Feb 25, 2015	Mar 24, 2015	0.042567
Mar 25, 2015	Apr 24, 2015	0.042270
Apr 27, 2015	May 22, 2015	0.041960
May 26, 2015	Jun 24, 2015	0.041698
Jun 25, 2015		0.041442

# 2A2 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000

# 2A2 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	0.993688
Feb 27, 2012	Mar 23, 2012	0.985230
Mar 26, 2012	Apr 24, 2012	0.974430
Apr 25, 2012	May 24, 2012	0.964447
May 25, 2012	Jun 22, 2012	0.951752
Jun 25, 2012	Jul 24, 2012	0.947097
Jul 25, 2012	Aug 24, 2012	0.938438
Aug 27, 2012	Sep 24, 2012	0.926646
Sep 25, 2012	Oct 24, 2012	0.918238
Oct 25, 2012	Nov 23, 2012	0.906560
Nov 26, 2012	Dec 24, 2012	0.890375
Dec 26, 2012	Jan 24, 2013	0.882965
Jan 25, 2013	Feb 22, 2013	0.875902
Feb 25, 2013	Mar 22, 2013	0.867066
Mar 25, 2013	Apr 24, 2013	0.862620
Apr 25, 2013	May 24, 2013	0.850232
May 28, 2013	Jun 24, 2013	0.837809
Jun 25, 2013	Jul 24, 2013	0.832266
Jul 25, 2013	Aug 23, 2013	0.823474
Aug 26, 2013	Sep 24, 2013	0.816655
Sep 25, 2013	Oct 24, 2013	0.812672
Oct 25, 2013	Nov 22, 2013	0.810339
Nov 25, 2013	Dec 24, 2013	0.802705
Dec 26, 2013	Jan 24, 2014	0.797558
Jan 27, 2014	Feb 24, 2014	0.793633
Feb 25, 2014	Mar 24, 2014	0.787653
Mar 25, 2014	Apr 24, 2014	0.779903
Apr 25, 2014	May 23, 2014	0.778866
May 27, 2014	Jun 24, 2014	0.773966
Jun 25, 2014	Jul 24, 2014	0.765584
Jul 25, 2014	Aug 22, 2014	0.758399
Aug 25, 2014	Sep 24, 2014	0.753201
Sep 25, 2014	Oct 24, 2014	0.749019
Oct 27, 2014	Nov 24, 2014	0.749019
Nov 25, 2014	Dec 24, 2014	0.746036
Dec 26, 2014	Jan 23, 2015	0.741740
Jan 26, 2015	Feb 24, 2015	0.735155
Feb 25, 2015	Mar 24, 2015	0.732750
Mar 25, 2015	Apr 24, 2015	0.727643
Apr 27, 2015	May 22, 2015	0.722307
May 26, 2015	Jun 24, 2015	0.717797
Jun 25, 2015		0.713390

### 2A3A Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000

### 2A3A Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	0.992987
Feb 27, 2012	Mar 23, 2012	0.983589
Mar 26, 2012	Apr 24, 2012	0.971589
Apr 25, 2012	May 24, 2012	0.960497
May 25, 2012	Jun 22, 2012	0.946391
Jun 25, 2012	Jul 24, 2012	0.941219
Jul 25, 2012	Aug 24, 2012	0.931597
Aug 27, 2012	Sep 24, 2012	0.918496
Sep 25, 2012	Oct 24, 2012	0.909153
Oct 25, 2012	Nov 23, 2012	0.896178
Nov 26, 2012	Dec 24, 2012	0.878194
Dec 26, 2012	Jan 24, 2013	0.869961
Jan 25, 2013	Feb 22, 2013	0.862113
Feb 25, 2013	Mar 22, 2013	0.852296
Mar 25, 2013	Apr 24, 2013	0.847356
Apr 25, 2013	May 24, 2013	0.833591
May 28, 2013	Jun 24, 2013	0.819788
Jun 25, 2013	Jul 24, 2013	0.813629
Jul 25, 2013	Aug 23, 2013	0.803860
Aug 26, 2013	Sep 24, 2013	0.796283
Sep 25, 2013	Oct 24, 2013	0.791858
Oct 25, 2013	Nov 22, 2013	0.789266
Nov 25, 2013	Dec 24, 2013	0.780783
Dec 26, 2013	Jan 24, 2014	0.775064
Jan 27, 2014	Feb 24, 2014	0.770704
Feb 25, 2014	Mar 24, 2014	0.764059
Mar 25, 2014	Apr 24, 2014	0.755447
Apr 25, 2014	May 23, 2014	0.754295
May 27, 2014	Jun 24, 2014	0.748851
Jun 25, 2014	Jul 24, 2014	0.739537
Jul 25, 2014	Aug 22, 2014	0.731555
Aug 25, 2014	Sep 24, 2014	0.725779
Sep 25, 2014	Oct 24, 2014	0.721132
Oct 27, 2014	Nov 24, 2014	0.721132
Nov 25, 2014	Dec 24, 2014	0.717817
Dec 26, 2014	Jan 23, 2015	0.713044
Jan 26, 2015	Feb 24, 2015	0.705727
Feb 25, 2015	Mar 24, 2015	0.703055
Mar 25, 2015	Apr 24, 2015	0.697381
Apr 27, 2015	May 22, 2015	0.691452
May 26, 2015	Jun 24, 2015	0.686441
Jun 25, 2015		0.681544

### 2A3B Certificate Factor Chart

<u>From</u>	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000

#### 2A3B Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	1.000000
Mar 25, 2013	Apr 24, 2013	1.000000
Apr 25, 2013	May 24, 2013	1.000000
May 28, 2013	Jun 24, 2013	1.000000
Jun 25, 2013	Jul 24, 2013	1.000000
Jul 25, 2013	Aug 23, 2013	1.000000
Aug 26, 2013	Sep 24, 2013	1.000000
Sep 25, 2013	Oct 24, 2013	1.000000
Oct 25, 2013	Nov 22, 2013	1.000000
Nov 25, 2013	Dec 24, 2013	1.000000
Dec 26, 2013	Jan 24, 2014	1.000000
Jan 27, 2014	Feb 24, 2014	1.000000
Feb 25, 2014	Mar 24, 2014	1.000000
Mar 25, 2014	Apr 24, 2014	1.000000
Apr 25, 2014	May 23, 2014	1.000000
May 27, 2014	Jun 24, 2014	1.000000
Jun 25, 2014	Jul 24, 2014	1.000000
Jul 25, 2014	Aug 22, 2014	1.000000
Aug 25, 2014	Sep 24, 2014	1.000000
Sep 25, 2014	Oct 24, 2014	1.000000
Oct 27, 2014	Nov 24, 2014	1.000000
Nov 25, 2014	Dec 24, 2014	1.000000
Dec 26, 2014	Jan 23, 2015	1.000000
Jan 26, 2015	Feb 24, 2015	1.000000
Feb 25, 2015	Mar 24, 2015	1.000000
Mar 25, 2015	Apr 24, 2015	1.000000
Apr 27, 2015	May 22, 2015	1.000000
May 26, 2015	Jun 24, 2015	1.000000
Jun 25, 2015		1.000000

### 2A4 Certificate Factor Chart

From	То	<u>Factor</u>
<u>110111</u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.989483
Jun 25, 2007	Jul 24, 2007	0.930542
Jul 25, 2007	Aug 24, 2007	0.889026
Aug 27, 2007	Sep 24, 2007	0.869665
Sep 25, 2007	Oct 24, 2007	
Oct 25, 2007	Nov 23, 2007	0.853239 0.853239
Nov 26, 2007	Dec 24, 2007	0.846599
Dec 26, 2007	Jan 24, 2008	0.840817
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	0.840045
Mar 25, 2008	Apr 24, 2008	0.835431
Apr 25, 2008	May 23, 2008	0.832486
May 27, 2008	Jun 24, 2008	0.827526
Jun 25, 2008	Jul 24, 2008	0.818971
Jul 25, 2008	Aug 22, 2008	0.803289
Aug 25, 2008	Sep 24, 2008	0.799480
Sep 25, 2008	Oct 24, 2008	0.796973
Oct 27, 2008	Nov 24, 2008	0.790681
Nov 25, 2008	Dec 24, 2008	0.783823
Dec 26, 2008	Jan 23, 2009	0.779060
Jan 26, 2009	Feb 24, 2009	0.771038
Feb 25, 2009	Mar 24, 2009	0.769636
Mar 25, 2009	Apr 24, 2009	0.762224
Apr 27, 2009	May 22, 2009	0.756741
·	<u> </u>	0.751101
May 26, 2009	Jun 24, 2009	0.744578
Jun 25, 2009	Jul 24, 2009	0.738411
Jul 27, 2009	Aug 24, 2009	0.725500
Aug 25, 2009	Sep 24, 2009	0.721611
Sep 25, 2009	Oct 23, 2009	0.717723
Oct 26, 2009	Nov 24, 2009	0.714581
Nov 25, 2009	Dec 24, 2009	0.709675
Dec 28, 2009	Jan 22, 2010	0.704672
Jan 25, 2010	Feb 24, 2010	0.698945
Feb 25, 2010	Mar 24, 2010	0.693871
Mar 25, 2010	Apr 23, 2010	0.687114
Apr 26, 2010	May 24, 2010	0.684393
May 25, 2010	Jun 24, 2010	0.677237
Jun 25, 2010	Jul 23, 2010	0.670939
Jul 26, 2010	Aug 24, 2010	0.663329
Aug 25, 2010	Sep 24, 2010	0.656059
Sep 27, 2010	Oct 22, 2010	0.645514
Oct 25, 2010	Nov 24, 2010	0.640166
Nov 26, 2010	Dec 23, 2010	0.634646
Dec 27, 2010  Jan 25, 2011	Jan 24, 2011 Feb 24, 2011	0.630109
Feb 25, 2011	Mar 24, 2011	0.625355
Mar 25, 2011	Apr 22, 2011	0.616295
Apr 25, 2011	May 24, 2011	0.602913
May 25, 2011	Jun 24, 2011	0.593424
Jun 27, 2011	Jul 22, 2011	0.590915
Jun 27, 2011	Jui 22, 2011	0.586027

# 2A4 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.580091
Aug 25, 2011	Sep 23, 2011	0.575800
Sep 26, 2011	Oct 24, 2011	0.571170
Oct 25, 2011	Nov 23, 2011	0.569547
Nov 25, 2011	Dec 23, 2011	0.561486
Dec 27, 2011	Jan 24, 2012	0.561137
Jan 25, 2012	Feb 24, 2012	0.557596
Feb 27, 2012	Mar 23, 2012	0.552849
Mar 26, 2012	Apr 24, 2012	0.546789
Apr 25, 2012	May 24, 2012	0.541187
May 25, 2012	Jun 22, 2012	0.534064
Jun 25, 2012	Jul 24, 2012	0.531451
Jul 25, 2012	Aug 24, 2012	0.526592
Aug 27, 2012	Sep 24, 2012	0.519976
Sep 25, 2012	Oct 24, 2012	0.515258
Oct 25, 2012	Nov 23, 2012	0.508705
Nov 26, 2012	Dec 24, 2012	0.499623
Dec 26, 2012	Jan 24, 2013	0.495465
Jan 25, 2013	Feb 22, 2013	0.491501
Feb 25, 2013	Mar 22, 2013	0.486543
Mar 25, 2013	Apr 24, 2013	0.484048
Apr 25, 2013	May 24, 2013	0.477097
May 28, 2013	Jun 24, 2013	0.470126
Jun 25, 2013	Jul 24, 2013	0.467016
Jul 25, 2013	Aug 23, 2013	0.462082
Aug 26, 2013	Sep 24, 2013	0.458255
Sep 25, 2013	Oct 24, 2013	0.456021
Oct 25, 2013	Nov 22, 2013	0.454712
Nov 25, 2013	Dec 24, 2013	0.450428
Dec 26, 2013	Jan 24, 2014	0.447539
Jan 27, 2014	Feb 24, 2014	0.445337
Feb 25, 2014	Mar 24, 2014	0.441982
Mar 25, 2014	Apr 24, 2014	0.437632
Apr 25, 2014	May 23, 2014	0.437051
May 27, 2014	Jun 24, 2014	0.434301
Jun 25, 2014	Jul 24, 2014	0.429598
Jul 25, 2014	Aug 22, 2014	0.425566
Aug 25, 2014	Sep 24, 2014	0.422649
Sep 25, 2014	Oct 24, 2014	0.420303
Oct 27, 2014	Nov 24, 2014	0.420303
Nov 25, 2014	Dec 24, 2014	0.418629
Dec 26, 2014	Jan 23, 2015	0.416218
Jan 26, 2015	Feb 24, 2015	0.412523
Feb 25, 2015	Mar 24, 2015	0.411173
Mar 25, 2015	Apr 24, 2015	0.408308
Apr 27, 2015	May 22, 2015	0.405313
May 26, 2015	Jun 24, 2015	0.402783
Jun 25, 2015		0.400310

### 2AM Certificate Factor Chart

From	То	<u>Factor</u>
<u>110111</u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.989483
Jun 25, 2007	Jul 24, 2007	0.930542
Jul 25, 2007	Aug 24, 2007	0.889026
Aug 27, 2007	Sep 24, 2007	0.869665
Sep 25, 2007	Oct 24, 2007	
Oct 25, 2007	Nov 23, 2007	0.853239 0.853239
Nov 26, 2007	Dec 24, 2007	0.846599
Dec 26, 2007	Jan 24, 2008	0.840817
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	0.840045
Mar 25, 2008	Apr 24, 2008	0.835431
Apr 25, 2008	May 23, 2008	0.832486
May 27, 2008	Jun 24, 2008	0.827526
Jun 25, 2008	Jul 24, 2008	0.818971
Jul 25, 2008	Aug 22, 2008	0.803289
Aug 25, 2008	Sep 24, 2008	0.799480
Sep 25, 2008	Oct 24, 2008	0.796973
Oct 27, 2008	Nov 24, 2008	0.790681
Nov 25, 2008	Dec 24, 2008	0.783823
Dec 26, 2008	Jan 23, 2009	0.779060
Jan 26, 2009	Feb 24, 2009	0.771038
Feb 25, 2009	Mar 24, 2009	0.769636
Mar 25, 2009	Apr 24, 2009	0.762224
Apr 27, 2009	May 22, 2009	0.756741
·	<u> </u>	0.751101
May 26, 2009	Jun 24, 2009	0.744578
Jun 25, 2009	Jul 24, 2009	0.738411
Jul 27, 2009	Aug 24, 2009	0.725500
Aug 25, 2009	Sep 24, 2009	0.721611
Sep 25, 2009	Oct 23, 2009	0.717723
Oct 26, 2009	Nov 24, 2009	0.714581
Nov 25, 2009	Dec 24, 2009	0.709675
Dec 28, 2009	Jan 22, 2010	0.704672
Jan 25, 2010	Feb 24, 2010	0.698945
Feb 25, 2010	Mar 24, 2010	0.693871
Mar 25, 2010	Apr 23, 2010	0.687114
Apr 26, 2010	May 24, 2010	0.684393
May 25, 2010	Jun 24, 2010	0.677237
Jun 25, 2010	Jul 23, 2010	0.670939
Jul 26, 2010	Aug 24, 2010	0.663329
Aug 25, 2010	Sep 24, 2010	0.656059
Sep 27, 2010	Oct 22, 2010	0.645514
Oct 25, 2010	Nov 24, 2010	0.640166
Nov 26, 2010	Dec 23, 2010	0.634646
Dec 27, 2010  Jan 25, 2011	Jan 24, 2011 Feb 24, 2011	0.630109
Feb 25, 2011	Mar 24, 2011	0.625355
Mar 25, 2011	Apr 22, 2011	0.616295
Apr 25, 2011	May 24, 2011	0.602913
May 25, 2011	Jun 24, 2011	0.593424
Jun 27, 2011	Jul 22, 2011	0.590915
Jun 27, 2011	Jui 22, 2011	0.586027

### 2AM Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.580091
Aug 25, 2011	Sep 23, 2011	0.575800
Sep 26, 2011	Oct 24, 2011	0.571170
Oct 25, 2011	Nov 23, 2011	0.569547
Nov 25, 2011	Dec 23, 2011	0.561486
Dec 27, 2011	Jan 24, 2012	0.561137
Jan 25, 2012	Feb 24, 2012	0.542077
Feb 27, 2012	Mar 23, 2012	0.499244
Mar 26, 2012	Apr 24, 2012	0.403776
Apr 25, 2012	May 24, 2012	0.351315
May 25, 2012	Jun 22, 2012	0.273970
Jun 25, 2012	Jul 24, 2012	0.227382
Jul 25, 2012	Aug 24, 2012	0.174866
Aug 27, 2012	Sep 24, 2012	0.110204
Sep 25, 2012	Oct 24, 2012	0.053802
Oct 25, 2012	Nov 23, 2012	0.022925
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000007
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

# M1 Certificate Factor Chart

From         To         Factor           May 24, 2007         1.000000           Jun 25, 2007         Jun 22, 2007         1.000000           Jun 25, 2007         Jul 24, 2007         1.000000           Aug 27, 2007         Sep 24, 2007         1.000000           Sep 25, 2007         Oct 24, 2007         1.000000           Oct 25, 2007         Nov 23, 2007         1.000000           Nov 26, 2007         Dec 24, 2007         1.000000           Dec 26, 2007         Jan 24, 2008         1.000000           Jan 25, 2008         Feb 22, 2008         1.000000           Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           May 27, 2008         Jun 24, 2008         1.000000           Jun 25, 2008         Jun 24, 2008         1.000000           Jun 25, 2008         Jun 24, 2008         1.000000           Aug 27, 2008         Jun 24, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000
May 25, 2007         Jun 22, 2007         1,000000           Jun 25, 2007         Jul 24, 2007         1,000000           Jul 25, 2007         Aug 24, 2007         1,000000           Aug 27, 2007         Sep 24, 2007         1,000000           Sep 25, 2007         Oct 24, 2007         1,000000           Nov 26, 2007         Dec 24, 2007         1,000000           Nov 26, 2007         Jan 24, 2008         1,000000           Jan 25, 2008         Feb 22, 2008         1,000000           Feb 25, 2008         Mar 24, 2008         1,000000           Mar 25, 2008         Apr 24, 2008         1,00000           May 27, 2008         Jun 24, 2008         1,00000           May 27, 2008         Jun 24, 2008         1,00000           Jul 25, 2008         Jul 24, 2008         1,00000           Jul 25, 2008         Aug 22, 2008         1,00000           Aug 25, 2008         Aug 22, 2008         1,00000           Aug 25, 2008         Aug 22, 2008         1,00000           Sep 25, 2008         Oct 24, 2008         1,00000           Aug 25, 2008         Sep 24, 2008         1,00000           Sep 25, 2008         Oct 24, 2008         1,00000           Nov 25, 2008         Dec 24,
Jun 25, 2007  Jul 24, 2007  Jul 25, 2007  Aug 24, 2007  Aug 24, 2007  Aug 27, 2007  Sep 24, 2007  Jul 25, 2007  Aug 27, 2007  Sep 24, 2007  Jul 26, 2007  Nov 23, 2007  Nov 26, 2007  Dec 24, 2007  Jul 25, 2008  Jul 25, 2008  Mar 24, 2008  Jul 25, 2008  Mar 24, 2008  Jul 26, 2008  Jul 27, 2008  Jul 27, 2008  Jul 28, 2008  Jul 24, 2008  Jul 28, 2008  Jul 24, 2008  Jul 25, 2008  Jul 24, 2008  Jul 25, 2008  Jul 26, 2008  Jul 27, 2008  Jul 28, 2008  Jul 29, 2008  Jul 20, 2008  Jul 20, 2008  Jul 20, 2008  Jul 25, 2008  Jul 26, 2008  Jul 27, 2008  Jul 28, 2008  Jul 29, 2008  Jul 29, 2008  Jul 20, 2009  Jul 21, 2009  Jul 22, 2009  Jul 22, 2009  Jul 23, 2009  Jul 24, 2009  Jul 24, 2009  Jul 25, 2009  Jul 26, 2009  Jul 27, 2009  Aug 28, 2009  Jul 28, 2009  Jul 29, 2009  Jul 29, 2009  Jul 20, 2009  Ju
Jul 25, 2007  Aug 27, 2007  Sep 24, 2007  1.000000  Sep 25, 2007  Oct 24, 2007  1.000000  Nov 26, 2007  Dec 24, 2007  Jan 24, 2008  1.000000  Jan 25, 2008  Mar 24, 2008  Mar 24, 2008  I.000000  Mar 25, 2008  Mar 24, 2008  Jul 24, 2008  Jul 24, 2008  Jul 24, 2008  Jul 25, 2008  Mar 27, 2008  Mar 28, 2008  Mar 29, 2008  Jul 24, 2008  Jul 24, 2008  Jul 25, 2008  Mar 25, 2008  Mar 26, 2007  Jul 27, 2008  Jul 28, 2008  Aug 27, 2008  Aug 27, 2008  Jul 24, 2008  Jul 25, 2008  Aug 27, 2008  Jul 26, 2008  Aug 27, 2008  Jul 27, 2008  Jul 28, 2008  Jul 29, 2009  Jul 20, 2009  Jul 29, 2009  Jul 29, 2009  Jul 20, 2009  Jul 29, 2009  Jul 20, 2000  Jul
Aug 27, 2007         Sep 24, 2007         1.000000           Sep 25, 2007         Oct 24, 2007         1.000000           Oct 25, 2007         Nov 23, 2007         1.000000           Nov 26, 2007         Dec 24, 2007         1.000000           Dec 26, 2007         Jan 24, 2008         1.000000           Jan 25, 2008         Feb 22, 2008         1.000000           Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Mar 25, 2009 <t< td=""></t<>
Sep 25, 2007         Oct 24, 2007         1.000000           Oct 25, 2007         Nov 23, 2007         1.000000           Nov 26, 2007         Dec 24, 2007         1.000000           Dec 26, 2007         Jan 24, 2008         1.000000           Jan 25, 2008         Feb 22, 2008         1.000000           Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           May 27, 2008         Jun 24, 2008         1.000000           Jun 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Aug 25, 2008         Oct 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Apr 27, 2009         Mar 24, 2009         1.000000           May 26, 2009 <t< td=""></t<>
Oct 25, 2007         Nov 23, 2007         1.000000           Nov 26, 2007         Dec 24, 2007         1.000000           Dec 26, 2007         Jan 24, 2008         1.000000           Jan 25, 2008         Feb 22, 2008         1.000000           Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Mar 25, 2009         Mar 24, 2009         1.000000           Apr 27, 2009         May 22, 2009         1.000000           May 26, 2009 <t< td=""></t<>
Nov 26, 2007         Dec 24, 2007         1.000000           Dec 26, 2007         Jan 24, 2008         1.000000           Jan 25, 2008         Feb 22, 2008         1.000000           Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Mar 25, 2009         Apr 24, 2009         1.000000           Mar 27, 2009         May 22, 2009         1.000000           May 26, 2009         Jul 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009 <t< td=""></t<>
Dec 26, 2007         Jan 24, 2008         1.000000           Jan 25, 2008         Feb 22, 2008         1.000000           Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jul 24, 2008         1.000000           Jun 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Mar 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         Apr 24, 2009         1.000000           May 26, 2009         Jul 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009 <t< td=""></t<>
Jan 25, 2008 Feb 22, 2008 1.000000  Mar 25, 2008 Apr 24, 2008 1.000000  Apr 25, 2008 May 23, 2008 1.000000  May 27, 2008 Jun 24, 2008 1.000000  Jun 25, 2008 Jul 24, 2008 1.000000  Jul 25, 2008 Jul 24, 2008 1.000000  Aug 25, 2008 Aug 22, 2008 1.000000  Sep 25, 2008 Sep 24, 2008 1.000000  Oct 27, 2008 Nov 24, 2008 1.000000  Nov 25, 2008 Dec 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Feb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jun 24, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jun 24, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  May 25, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Aug 25, 2009 Jun 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000
Feb 25, 2008         Mar 24, 2008         1.000000           Mar 25, 2008         Apr 24, 2008         1.000000           Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jun 24, 2008         1.000000           Jun 25, 2008         Jul 24, 2008         1.000000           Aug 25, 2008         Aug 22, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Mar 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         May 22, 2009         1.000000           May 26, 2009         Jun 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009         Oct 23, 2009         1.000000           Nov 25, 2009 <t< td=""></t<>
Mar 25, 2008         Apr 24, 2008         1.000000           Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jun 24, 2008         1.000000           Jun 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Feb 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         Apr 24, 2009         1.000000           May 26, 2009         Jun 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Nov 25, 2009         Dec 24, 2009         1.000000           Dec 28, 2009 <t< td=""></t<>
Apr 25, 2008         May 23, 2008         1.000000           May 27, 2008         Jun 24, 2008         1.000000           Jun 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Nov 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Mar 26, 2009         Mar 24, 2009         1.000000           May 26, 2009         Jun 24, 2009         1.000000           May 26, 2009         Jul 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009         Sep 24, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Nov 26, 2009         Nov 24, 2009         1.000000           Nov 27, 2009         Dec 24, 2009         1.000000           Feb 25, 2010         Feb 24, 2010         1.000000           Feb 25, 2010 <t< td=""></t<>
May 27, 2008         Jun 24, 2008         1.000000           Jun 25, 2008         Jul 24, 2008         1.000000           Jul 25, 2008         Aug 22, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Feb 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         Apr 24, 2009         1.000000           May 26, 2009         Jul 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009         Sep 24, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Nov 25, 2009         Jan 22, 2010         1.000000           Peb 28, 2010         Feb 24, 2010         1.000000           Feb 25, 2010         Mar 24, 2010         1.000000
Jun 25, 2008  Jul 24, 2008  Jul 25, 2008  Aug 22, 2008  Aug 22, 2008  Aug 25, 2008  Sep 24, 2008  1.000000  Sep 25, 2008  Oct 24, 2008  1.000000  Nov 25, 2008  Dec 24, 2008  Jan 23, 2009  Jan 26, 2009  Feb 25, 2009  Mar 24, 2009  Apr 27, 2009  May 26, 2009  Jun 25, 2009  Jun 26, 2009  Jun 27, 2009  Jun 27, 2009  Jun 27, 2009  Aug 27, 2009  Jun 28, 2009  Jun 29, 2009  Jun 29, 2009  Jun 29, 2009  Jun 200000  Aug 25, 2009  Aug 24, 2009  Jun 25, 2009  Aug 26, 2009  Jun 27, 2009  Aug 27, 2009  Aug 28, 2009  Jun 29, 2009  Jun 29, 2009  Jun 200000  Aug 25, 2009  Aug 26, 2009  Jun 27, 2009  Aug 28, 2009  Jun 28, 2009  Jun 29, 2009  Jun 200000  Aug 25, 2009  Aug 26, 2009  Jun 27, 2009  Aug 28, 2009  Jun 28, 2009  Jun 29, 2009  Jun 200000  Aug 25, 2009  Aug 26, 2009  Jun 27, 2009  Aug 28, 2009  Jun 28, 2009  Jun 29, 2010  Jun 200000  Jun 25, 2010  Feb 28, 2010  Aug 27, 2010  Aug 28, 2010  Jun 29, 2010  Jun 200000  Jun 25, 2010  Aug 27, 2010  Aug 28, 2010  Jun 29, 2010  Jun 200000  Jun 29, 2010  Jun 2000000  Jun 2000000  Jun 2000000  Jun 20000000  Jun 2000000000000000000000000000000000000
Jul 25, 2008         Aug 22, 2008         1.000000           Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Feb 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         May 22, 2009         1.000000           May 26, 2009         Jul 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009         Sep 24, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Nov 26, 2009         Nov 24, 2009         1.000000           Nov 25, 2009         Dec 24, 2009         1.000000           Dec 28, 2009         Jan 22, 2010         1.000000           Feb 25, 2010         Feb 24, 2010         1.000000           Feb 25, 2010         Mar 24, 2010         1.000000
Aug 25, 2008         Sep 24, 2008         1.000000           Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Feb 25, 2009         Mar 24, 2009         1.000000           Mar 27, 2009         May 22, 2009         1.000000           May 26, 2009         Jul 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009         Jul 24, 2009         1.000000           Aug 25, 2009         Sep 24, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Nov 26, 2009         Nov 24, 2009         1.000000           Nov 25, 2009         Jan 22, 2010         1.000000           Jan 25, 2010         Feb 24, 2010         1.000000           Feb 25, 2010         Mar 24, 2010         1.000000
Sep 25, 2008         Oct 24, 2008         1.000000           Oct 27, 2008         Nov 24, 2008         1.000000           Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Feb 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         Apr 24, 2009         1.000000           May 26, 2009         Jun 24, 2009         1.000000           Jun 25, 2009         Jul 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009         Sep 24, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Nov 25, 2009         Nov 24, 2009         1.000000           Dec 28, 2009         Jan 22, 2010         1.000000           Jan 25, 2010         Feb 24, 2010         1.000000           Feb 25, 2010         Mar 24, 2010         1.000000
Oct 27, 2008 Nov 24, 2008 1.000000  Nov 25, 2008 Dec 24, 2008 1.000000  Dec 26, 2008 Jan 23, 2009 1.000000  Jan 26, 2009 Feb 24, 2009 1.000000  Feb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Feb 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000
Nov 25, 2008         Dec 24, 2008         1.000000           Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Feb 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         Apr 24, 2009         1.000000           Apr 27, 2009         May 22, 2009         1.000000           May 26, 2009         Jul 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009         Sep 24, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Nov 26, 2009         Nov 24, 2009         1.000000           Nov 25, 2009         Dec 24, 2009         1.000000           Jan 25, 2010         Feb 24, 2010         1.000000           Feb 25, 2010         Mar 24, 2010         1.000000
Dec 26, 2008         Jan 23, 2009         1.000000           Jan 26, 2009         Feb 24, 2009         1.000000           Feb 25, 2009         Mar 24, 2009         1.000000           Mar 25, 2009         Apr 24, 2009         1.000000           Apr 27, 2009         May 22, 2009         1.000000           May 26, 2009         Jul 24, 2009         1.000000           Jul 27, 2009         Aug 24, 2009         1.000000           Aug 25, 2009         Sep 24, 2009         1.000000           Sep 25, 2009         Oct 23, 2009         1.000000           Nov 26, 2009         Nov 24, 2009         1.000000           Nov 25, 2009         Dec 24, 2009         1.000000           Jan 25, 2010         Feb 24, 2010         1.000000           Feb 25, 2010         Mar 24, 2010         1.000000
Jan 26, 2009 Feb 24, 2009 1.000000  Feb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Apr 24, 2009 1.000000  Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000
Feb 25, 2009 Mar 24, 2009 1.000000  Mar 25, 2009 Apr 24, 2009 1.000000  Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000
Mar 25, 2009 Apr 24, 2009 1.000000  Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000
Apr 27, 2009 May 22, 2009 1.000000  May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000
May 26, 2009 Jun 24, 2009 1.000000  Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000
Jun 25, 2009 Jul 24, 2009 1.000000  Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000
Jul 27, 2009 Aug 24, 2009 1.000000  Aug 25, 2009 Sep 24, 2009 1.000000  Sep 25, 2009 Oct 23, 2009 1.000000  Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000
Aug 25, 2009 Sep 24, 2009 1.000000 Sep 25, 2009 Oct 23, 2009 1.000000 Oct 26, 2009 Nov 24, 2009 1.000000 Nov 25, 2009 Dec 24, 2009 1.000000 Dec 28, 2009 Jan 22, 2010 1.000000 Jan 25, 2010 Feb 24, 2010 1.000000 Feb 25, 2010 Mar 24, 2010 1.000000
Sep 25, 2009 Oct 23, 2009 1.000000 Oct 26, 2009 Nov 24, 2009 1.000000 Nov 25, 2009 Dec 24, 2009 1.000000 Dec 28, 2009 Jan 22, 2010 1.000000 Jan 25, 2010 Feb 24, 2010 1.000000 Feb 25, 2010 Mar 24, 2010 1.000000 Mar 25, 2010 Apr 23, 2010
Oct 26, 2009 Nov 24, 2009 1.000000  Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010
Nov 25, 2009 Dec 24, 2009 1.000000  Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010
Dec 28, 2009 Jan 22, 2010 1.000000  Jan 25, 2010 Feb 24, 2010 1.000000  Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010
Jan 25, 2010 Feb 24, 2010 1.000000 Feb 25, 2010 Mar 24, 2010 1.000000 Mar 25, 2010 Apr 23, 2010
Feb 25, 2010 Mar 24, 2010 1.000000  Mar 25, 2010 Apr 23, 2010
Mar 25, 2010 Apr 23, 2010
1.000000
Apr 26, 2010 May 24, 2010
May 25, 2010 Jun 24, 2010
lun 25 2010 lul 22 2010
Jul 26, 2010 Aug 24, 2010 1.000000
Aug 25, 2010 Sep 24, 2010 1.000000
Sep 27, 2010 Oct 22, 2010 1.000000
Oct 25, 2010 Nov 24, 2010 1.000000
Nov 26, 2010 Dec 23, 2010 1.000000
Dec 27, 2010 Jan 24, 2011 1.000000
Jan 25, 2011 Feb 24, 2011 1.000000
Feb 25, 2011 Mar 24, 2011 1.000000
Mar 25, 2011 Apr 22, 2011 1.000000
Apr 25, 2011 May 24, 2011 1.000000
=::::300
May 25, 2011 Jun 24, 2011 1.000000

## M1 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	0.878225
Oct 25, 2011	Nov 23, 2011	0.798286
Nov 25, 2011	Dec 23, 2011	0.566975
Dec 27, 2011	Jan 24, 2012	0.353770
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

# M2 Certificate Factor Chart

From	То	Factor
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
	May 24, 2010	1.000000
Apr 26, 2010 May 25, 2010	Jun 24, 2010	1.000000
	·	1.000000
Jun 25, 2010 Jul 26, 2010	Jul 23, 2010	1.000000
Aug 25, 2010	Aug 24, 2010 Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	0.999191
Mar 25, 2011	Apr 22, 2011	0.831743
Apr 25, 2011	May 24, 2011	0.675487
May 25, 2011	Jun 24, 2011	0.473683
Jun 27, 2011	Jul 22, 2011	0.338084
	<u> </u>	0.232432

### **M2 Certificate Factor Chart**

From	To	Factor
Jul 25, 2011	Aug 24, 2011	0.166896
Aug 25, 2011	Sep 23, 2011	0.069413
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

# M3 Certificate Factor Chart

From	То	Factor
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
	·	1.000000
Jun 25, 2010 Jul 26, 2010	Jul 23, 2010	1.000000
Aug 25, 2010	Aug 24, 2010 Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	0.890529
Dec 27, 2010	Jan 24, 2011	0.776285
Jan 25, 2011	Feb 24, 2011	0.565628
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
	<u> </u>	0.00000

## M3 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M4 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
·	-	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	0.822016
Sep 27, 2010	Oct 22, 2010	0.165437
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

## M4 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000
-		

# M5 Certificate Factor Chart

From	То	Factor
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	0.849670
Jul 25, 2010 Jul 26, 2010	·	0.603654
Aug 25, 2010	Aug 24, 2010 Sep 24, 2010	0.262896
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
	<u> </u>	0.000000

## M5 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### M6 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	0.593830
Apr 26, 2010	May 24, 2010	0.070561
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

## M6 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## M7 Certificate Factor Chart

F	<b>.</b>	Factor
<u>From</u>	<u>To</u> May 24, 2007	<u>Factor</u>
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
	,	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	0.889867
Dec 28, 2009	Jan 22, 2010	0.743172
Jan 25, 2010	Feb 24, 2010	0.608827
Feb 25, 2010	Mar 24, 2010	0.219785
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

### M7 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

# M8 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	0.922612
Sep 25, 2009	Oct 23, 2009	0.667902
Oct 26, 2009	Nov 24, 2009	0.500347
Nov 25, 2009	Dec 24, 2009	0.188274
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

## M8 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

# M9 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	0.499960
Aug 25, 2009	Sep 24, 2009	0.000000
Sep 25, 2009	Oct 23, 2009	0.000000
Oct 26, 2009	Nov 24, 2009	0.000000
Nov 25, 2009	Dec 24, 2009	0.000000
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

## M9 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

### 1A1 Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.989397
Dec 26, 2007	Jan 24, 2008	0.988649
Jan 25, 2008	Feb 22, 2008	0.985253
Feb 25, 2008	Mar 24, 2008	0.982945
Mar 25, 2008	Apr 24, 2008	0.972620
Apr 25, 2008	May 23, 2008	0.971090
May 27, 2008	Jun 24, 2008	0.964865
Jun 25, 2008	Jul 24, 2008	0.959993
Jul 25, 2008	Aug 22, 2008	0.957292
Aug 25, 2008	Sep 24, 2008	0.945665
Sep 25, 2008	Oct 24, 2008	0.941406
Oct 27, 2008	Nov 24, 2008	0.937263
Nov 25, 2008	Dec 24, 2008	0.935227
Dec 26, 2008	Jan 23, 2009	0.934528
Jan 26, 2009	Feb 24, 2009	0.931502
Feb 25, 2009	Mar 24, 2009	0.928804
Mar 25, 2009	Apr 24, 2009	0.928108
Apr 27, 2009	May 22, 2009	0.923337
May 26, 2009	Jun 24, 2009	0.918379
Jun 25, 2009	Jul 24, 2009	0.913928
Jul 27, 2009	Aug 24, 2009	0.914300
Aug 25, 2009	Sep 24, 2009	0.911469
Sep 25, 2009	Oct 23, 2009	0.909040
Oct 26, 2009	Nov 24, 2009	0.905899
Nov 25, 2009	Dec 24, 2009	0.902451
Dec 28, 2009	Jan 22, 2010	0.895405
Jan 25, 2010	Feb 24, 2010	0.886040
Feb 25, 2010	Mar 24, 2010	0.885029
Mar 25, 2010	Apr 23, 2010	0.883035
Apr 26, 2010	May 24, 2010	0.881350
May 25, 2010	Jun 24, 2010	0.875028
Jun 25, 2010	Jul 23, 2010	0.870774
Jul 26, 2010	Aug 24, 2010	0.864030
Aug 25, 2010	Sep 24, 2010	0.858103
Sep 27, 2010	Oct 22, 2010	0.858939
Oct 25, 2010	Nov 24, 2010	0.855158
Nov 26, 2010	Dec 23, 2010	0.851753
Dec 27, 2010	Jan 24, 2011	0.849332
Jan 25, 2011	Feb 24, 2011	0.846404
Feb 25, 2011	Mar 24, 2011	0.843134
Mar 25, 2011	Apr 22, 2011	0.841133
Apr 25, 2011	May 24, 2011	0.834551
May 25, 2011	Jun 24, 2011	0.834650
Jun 27, 2011	Jul 22, 2011	0.832530
Jul 25, 2011	Aug 24, 2011	0.825170
Aug 25, 2011	Sep 23, 2011	0.825531
Sep 26, 2011	Oct 24, 2011	0.820120

## 1A1 Certificate Factor Chart

From	То	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.818225
Nov 25, 2011	Dec 23, 2011	0.814842
Dec 27, 2011	Jan 24, 2012	0.814985
Jan 25, 2012	Feb 24, 2012	0.813155
Feb 27, 2012	Mar 23, 2012	0.813155
Mar 26, 2012	Apr 24, 2012	0.813155
Apr 25, 2012	May 24, 2012	0.812047
May 25, 2012	Jun 22, 2012	0.809932
Jun 25, 2012	Jul 24, 2012	0.799076
Jul 25, 2012	Aug 24, 2012	0.791454
Aug 27, 2012	Sep 24, 2012	0.786604
Sep 25, 2012	Oct 24, 2012	0.783947
Oct 25, 2012	Nov 23, 2012	0.779238
Nov 26, 2012	Dec 24, 2012	0.777982
Dec 26, 2012	Jan 24, 2013	0.768556
Jan 25, 2013	Feb 22, 2013	0.757992
Feb 25, 2013	Mar 22, 2013	0.750960
Mar 25, 2013	Apr 24, 2013	0.746869
Apr 25, 2013	May 24, 2013	0.730538
May 28, 2013	Jun 24, 2013	0.714003
Jun 25, 2013	Jul 24, 2013	0.700608
Jul 25, 2013	Aug 23, 2013	0.666076
Aug 26, 2013	Sep 24, 2013	0.655145
Sep 25, 2013	Oct 24, 2013	0.648676
Oct 25, 2013	Nov 22, 2013	0.640574
Nov 25, 2013	Dec 24, 2013	0.634183
Dec 26, 2013	Jan 24, 2014	0.624628
Jan 27, 2014	Feb 24, 2014	0.622235
Feb 25, 2014	Mar 24, 2014	0.607610
Mar 25, 2014	Apr 24, 2014	0.600223
Apr 25, 2014	May 23, 2014	0.596583
May 27, 2014	Jun 24, 2014	0.587896
Jun 25, 2014	Jul 24, 2014	0.585162
Jul 25, 2014	Aug 22, 2014	0.580381
Aug 25, 2014	Sep 24, 2014	0.575265
Sep 25, 2014	Oct 24, 2014	0.572732
Oct 27, 2014	Nov 24, 2014	0.567178
Nov 25, 2014	Dec 24, 2014	0.564331
Dec 26, 2014	Jan 23, 2015	0.560317
Jan 26, 2015	Feb 24, 2015	0.556647
Feb 25, 2015	Mar 24, 2015	0.554869
Mar 25, 2015	Apr 24, 2015	0.544936
Apr 27, 2015	May 22, 2015	0.536025
May 26, 2015	Jun 24, 2015	0.525692
Jun 25, 2015		0.520771

## **A2 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.981282
Dec 26, 2007	Jan 24, 2008	0.981398
Jan 25, 2008	Feb 22, 2008	0.977814
Feb 25, 2008	Mar 24, 2008	0.974682
Mar 25, 2008	Apr 24, 2008	0.965170
Apr 25, 2008	May 23, 2008	0.962365
May 27, 2008	Jun 24, 2008	0.953013
Jun 25, 2008	Jul 24, 2008	0.949378
Jul 25, 2008	Aug 22, 2008	0.943555
Aug 25, 2008	Sep 24, 2008	0.931437
Sep 25, 2008	Oct 24, 2008	0.929246
Oct 27, 2008	Nov 24, 2008	0.922400
Nov 25, 2008	Dec 24, 2008	0.921713
Dec 26, 2008	Jan 23, 2009	0.918986
Jan 26, 2009	Feb 24, 2009	0.916605
Feb 25, 2009	Mar 24, 2009	0.912497
Mar 25, 2009	Apr 24, 2009	0.908508
Apr 27, 2009	May 22, 2009	0.905595
May 26, 2009	Jun 24, 2009	0.901304
Jun 25, 2009	Jul 24, 2009	0.894853
Jul 27, 2009	Aug 24, 2009	0.892284
Aug 25, 2009	Sep 24, 2009	0.888095
Sep 25, 2009	Oct 23, 2009	0.881978
Oct 26, 2009	Nov 24, 2009	0.878393
Nov 25, 2009	Dec 24, 2009	0.875089
Dec 28, 2009	Jan 22, 2010	0.867811
Jan 25, 2010	Feb 24, 2010	0.859373
Feb 25, 2010	Mar 24, 2010	0.852848
Mar 25, 2010	Apr 23, 2010	0.848834
Apr 26, 2010	May 24, 2010	0.847132
May 25, 2010	Jun 24, 2010	0.841084
Jun 25, 2010	Jul 23, 2010	0.835979
Jul 26, 2010	Aug 24, 2010	0.829053
Aug 25, 2010	Sep 24, 2010	0.823203
Sep 27, 2010	Oct 22, 2010	0.821950
Oct 25, 2010	Nov 24, 2010	0.815978
Nov 26, 2010	Dec 23, 2010	0.802108
Dec 27, 2010	Jan 24, 2011	0.728789
Jan 25, 2011	Feb 24, 2011	0.692902
Feb 25, 2011	Mar 24, 2011	0.649093
Mar 25, 2011	Apr 22, 2011	0.627707
Apr 25, 2011	May 24, 2011	0.576746
May 25, 2011	Jun 24, 2011	0.546470
Jun 27, 2011	Jul 22, 2011	0.489011
Jul 25, 2011	Aug 24, 2011	0.454108
Aug 25, 2011	Sep 23, 2011	0.437685
Sep 26, 2011	Oct 24, 2011	0.372424

## **A2 Certificate Factor Chart**

From	То	Factor
Oct 25, 2011	Nov 23, 2011	0.337596
Nov 25, 2011	Dec 23, 2011	0.289875
Dec 27, 2011	Jan 24, 2012	0.259505
Jan 25, 2012	Feb 24, 2012	0.201094
Feb 27, 2012	Mar 23, 2012	0.189624
Mar 26, 2012	Apr 24, 2012	0.149678
Apr 25, 2012	May 24, 2012	0.101641
May 25, 2012	Jun 22, 2012	0.058796
Jun 25, 2012	Jul 24, 2012	0.030705
Jul 25, 2012	Aug 24, 2012	0.028292
Aug 27, 2012	Sep 24, 2012	0.021790
Sep 25, 2012	Oct 24, 2012	0.012733
Oct 25, 2012	Nov 23, 2012	0.002693
Nov 26, 2012	Dec 24, 2012	0.002643
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## 1X Certificate Factor Chart

From	То	Factor
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.989397
Dec 26, 2007	Jan 24, 2008	0.988649
Jan 25, 2008	Feb 22, 2008	0.985253
Feb 25, 2008	Mar 24, 2008	0.982945
Mar 25, 2008	Apr 24, 2008	0.972620
Apr 25, 2008	May 23, 2008	0.971090
May 27, 2008	Jun 24, 2008	0.964865
Jun 25, 2008	Jul 24, 2008	0.959993
Jul 25, 2008	Aug 22, 2008	0.957292
Aug 25, 2008	Sep 24, 2008	0.945665
Sep 25, 2008	Oct 24, 2008	0.941406
Oct 27, 2008	Nov 24, 2008	0.937263
Nov 25, 2008	Dec 24, 2008	0.935227
Dec 26, 2008	Jan 23, 2009	0.935010
Jan 26, 2009	Feb 24, 2009	0.931983
Feb 25, 2009	Mar 24, 2009	0.929769
Mar 25, 2009	Apr 24, 2009	0.929557
Apr 27, 2009	May 22, 2009	0.924785
May 26, 2009	Jun 24, 2009	0.919828
Jun 25, 2009	Jul 24, 2009	0.915377
Jul 27, 2009	Aug 24, 2009	0.916228
Aug 25, 2009	Sep 24, 2009	0.913574
Sep 25, 2009	Oct 23, 2009	0.911254
Oct 26, 2009	Nov 24, 2009	0.908595
Nov 25, 2009	Dec 24, 2009	0.905630
Dec 28, 2009	Jan 22, 2010	0.898836
Jan 25, 2010	Feb 24, 2010	0.889471
Feb 25, 2010	Mar 24, 2010	0.888936
Mar 25, 2010	Apr 23, 2010	0.886988
Apr 26, 2010	May 24, 2010	0.885781
May 25, 2010	Jun 24, 2010	0.879723
Jun 25, 2010	Jul 23, 2010	0.875946
Jul 26, 2010	Aug 24, 2010	0.869203
Aug 25, 2010	Sep 24, 2010	0.863276
Sep 27, 2010	Oct 22, 2010	0.864583
Oct 25, 2010	Nov 24, 2010	0.860802
Nov 26, 2010	Dec 23, 2010	0.855482
Dec 27, 2010	Jan 24, 2011	0.830932
Jan 25, 2011	Feb 24, 2011	0.818974
Feb 25, 2011	Mar 24, 2011	0.802782
Mar 25, 2011	Apr 22, 2011	0.795067
Apr 25, 2011 May 25, 2011	May 24, 2011 Jun 24, 2011	0.774940
Jun 27, 2011	Jul 22, 2011	0.770657
Jul 25, 2011	Aug 24, 2011	0.762233
Aug 25, 2011	Sep 23, 2011	0.744913
Sep 26, 2011	Oct 24, 2011	0.742340 0.725099
• •	*	0.723033

## 1X Certificate Factor Chart

From	То	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.717798
Nov 25, 2011	Dec 23, 2011	0.704361
Dec 27, 2011	Jan 24, 2012	0.698414
Jan 25, 2012	Feb 24, 2012	0.686745
Feb 27, 2012	Mar 23, 2012	0.684012
Mar 26, 2012	Apr 24, 2012	0.679025
Apr 25, 2012	May 24, 2012	0.668786
May 25, 2012	Jun 22, 2012	0.660964
Jun 25, 2012	Jul 24, 2012	0.647097
Jul 25, 2012	Aug 24, 2012	0.640953
Aug 27, 2012	Sep 24, 2012	0.637042
Sep 25, 2012	Oct 24, 2012	0.634890
Oct 25, 2012	Nov 23, 2012	0.631084
Nov 26, 2012	Dec 24, 2012	0.630078
Dec 26, 2012	Jan 24, 2013	0.622493
Jan 25, 2013	Feb 22, 2013	0.614008
Feb 25, 2013	Mar 22, 2013	0.608345
Mar 25, 2013	Apr 24, 2013	0.605038
Apr 25, 2013	May 24, 2013	0.591873
May 28, 2013	Jun 24, 2013	0.578521
Jun 25, 2013	Jul 24, 2013	0.567719
Jul 25, 2013	Aug 23, 2013	0.539788
Aug 26, 2013	Sep 24, 2013	0.530967
Sep 25, 2013	Oct 24, 2013	0.525747
Oct 25, 2013	Nov 22, 2013	0.519212
Nov 25, 2013	Dec 24, 2013	0.514067
Dec 26, 2013	Jan 24, 2014	0.506351
Jan 27, 2014	Feb 24, 2014	0.504422
Feb 25, 2014	Mar 24, 2014	0.492629
Mar 25, 2014	Apr 24, 2014	0.486670
Apr 25, 2014	May 23, 2014	0.483747
May 27, 2014	Jun 24, 2014	0.476752
Jun 25, 2014	Jul 24, 2014	0.474551
Jul 25, 2014	Aug 22, 2014	0.470691
Aug 25, 2014	Sep 24, 2014	0.466573
Sep 25, 2014	Oct 24, 2014	0.464530
Oct 27, 2014	Nov 24, 2014	0.460041
Nov 25, 2014	Dec 24, 2014	0.451466
Dec 26, 2014	Jan 23, 2015	0.448255
Jan 26, 2015	Feb 24, 2015	0.445319
Feb 25, 2015	Mar 24, 2015	0.443896
Mar 25, 2015	Apr 24, 2015	0.435950
Apr 27, 2015	May 22, 2015	0.428821
May 26, 2015	Jun 24, 2015	0.420554
Jun 25, 2015		0.416618

## **B1** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000755
Jan 25, 2008	Feb 22, 2008	1.000754
Feb 25, 2008	Mar 24, 2008	0.999506
Mar 25, 2008	Apr 24, 2008	0.992176
Apr 25, 2008	May 23, 2008	0.992175
May 27, 2008	Jun 24, 2008	0.992173
Jun 25, 2008	Jul 24, 2008	0.992171
Jul 25, 2008	Aug 22, 2008	0.992170
Aug 25, 2008	Sep 24, 2008	0.992167
Sep 25, 2008	Oct 24, 2008	0.992885
Oct 27, 2008	Nov 24, 2008	0.992382
Nov 25, 2008	Dec 24, 2008	0.993187
Dec 26, 2008	Jan 23, 2009	0.993531
Jan 26, 2009	Feb 24, 2009	0.993627
Feb 25, 2009	Mar 24, 2009	0.994081
Mar 25, 2009	Apr 24, 2009	0.995224
Apr 27, 2009	May 22, 2009	0.996033
May 26, 2009	Jun 24, 2009	0.996026
Jun 25, 2009	Jul 24, 2009	0.996797
Jul 27, 2009	Aug 24, 2009	0.998126
Aug 25, 2009	Sep 24, 2009	0.998958
Sep 25, 2009	Oct 23, 2009	0.999038
Oct 26, 2009	Nov 24, 2009	0.999644
Nov 25, 2009	Dec 24, 2009	1.001491
Dec 28, 2009	Jan 22, 2010	1.001671
Jan 25, 2010	Feb 24, 2010	1.002526
Feb 25, 2010	Mar 24, 2010	1.003557
Mar 25, 2010	Apr 23, 2010	1.003588
Apr 26, 2010	May 24, 2010	1.005551
May 25, 2010	Jun 24, 2010	1.006610
Jun 25, 2010	Jul 23, 2010	1.008048
Jul 26, 2010	Aug 24, 2010	0.936353
Aug 25, 2010	Sep 24, 2010	0.640558
Sep 27, 2010	Oct 22, 2010	0.415136
Oct 25, 2010	Nov 24, 2010	0.181616
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000

## **B1** Certificate Factor Chart

From	То	Factor
Oct 25, 2011	Nov 23, 2011	0.00000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **B2** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000755
Jan 25, 2008	Feb 22, 2008	1.000754
Feb 25, 2008	Mar 24, 2008	0.999506
Mar 25, 2008	Apr 24, 2008	0.992176
Apr 25, 2008	May 23, 2008	0.992175
May 27, 2008	Jun 24, 2008	0.992173
Jun 25, 2008	Jul 24, 2008	0.992171
Jul 25, 2008	Aug 22, 2008	0.992170
Aug 25, 2008	Sep 24, 2008	0.992167
Sep 25, 2008	Oct 24, 2008	0.992885
Oct 27, 2008	Nov 24, 2008	0.992382
Nov 25, 2008	Dec 24, 2008	0.993187
Dec 26, 2008	Jan 23, 2009	0.993531
Jan 26, 2009	Feb 24, 2009	0.993627
Feb 25, 2009	Mar 24, 2009	0.994081
Mar 25, 2009	Apr 24, 2009	0.995224
Apr 27, 2009	May 22, 2009	0.996033
May 26, 2009	Jun 24, 2009	0.996026
Jun 25, 2009	Jul 24, 2009	0.996797
Jul 27, 2009	Aug 24, 2009	0.998136
Aug 25, 2009	Sep 24, 2009	0.998969
Sep 25, 2009	Oct 23, 2009	0.999049
Oct 26, 2009	Nov 24, 2009	0.999655
Nov 25, 2009	Dec 24, 2009	1.001502
Dec 28, 2009	Jan 22, 2010	1.001682
Jan 25, 2010	Feb 24, 2010	1.002537
Feb 25, 2010	Mar 24, 2010	1.003568
Mar 25, 2010	Apr 23, 2010	1.003599
Apr 26, 2010	May 24, 2010	1.005562
May 25, 2010	Jun 24, 2010	0.862712
Jun 25, 2010	Jul 23, 2010	0.476625
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000

## **B2** Certificate Factor Chart

From	То	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.00000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **B3** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000755
Jan 25, 2008	Feb 22, 2008	1.000754
Feb 25, 2008	Mar 24, 2008	0.999506
Mar 25, 2008	Apr 24, 2008	0.992176
Apr 25, 2008	May 23, 2008	0.992175
May 27, 2008	Jun 24, 2008	0.992173
Jun 25, 2008	Jul 24, 2008	0.992171
Jul 25, 2008	Aug 22, 2008	0.992170
Aug 25, 2008	Sep 24, 2008	0.992167
Sep 25, 2008	Oct 24, 2008	0.992885
Oct 27, 2008	Nov 24, 2008	0.992382
Nov 25, 2008	Dec 24, 2008	0.993187
Dec 26, 2008	Jan 23, 2009	0.993531
Jan 26, 2009	Feb 24, 2009	0.993627
Feb 25, 2009	Mar 24, 2009	0.994081
Mar 25, 2009	Apr 24, 2009	0.995224
Apr 27, 2009	May 22, 2009	0.996033
May 26, 2009	Jun 24, 2009	0.996026
Jun 25, 2009	Jul 24, 2009	0.996797
Jul 27, 2009	Aug 24, 2009	0.998136
Aug 25, 2009	Sep 24, 2009	0.998969
Sep 25, 2009	Oct 23, 2009	0.999049
Oct 26, 2009	Nov 24, 2009	0.999655
Nov 25, 2009	Dec 24, 2009	1.001502
Dec 28, 2009	Jan 22, 2010	1.001682
Jan 25, 2010	Feb 24, 2010	1.002537
Feb 25, 2010	Mar 24, 2010	1.003568
Mar 25, 2010	Apr 23, 2010	0.690347
Apr 26, 2010	May 24, 2010	0.178730
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000

# **B3** Certificate Factor Chart

From	То	Factor
Oct 25, 2011	Nov 23, 2011	0.00000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **B4 Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000755
Jan 25, 2008	Feb 22, 2008	1.000754
Feb 25, 2008	Mar 24, 2008	0.999506
Mar 25, 2008	Apr 24, 2008	0.992176
Apr 25, 2008	May 23, 2008	0.992175
May 27, 2008	Jun 24, 2008	0.992173
Jun 25, 2008	Jul 24, 2008	0.992171
Jul 25, 2008	Aug 22, 2008	0.992170
Aug 25, 2008	Sep 24, 2008	0.992167
Sep 25, 2008	Oct 24, 2008	0.992885
Oct 27, 2008	Nov 24, 2008	0.992382
Nov 25, 2008	Dec 24, 2008	0.993187
Dec 26, 2008	Jan 23, 2009	0.993531
Jan 26, 2009	Feb 24, 2009	0.993627
Feb 25, 2009	Mar 24, 2009	0.994081
Mar 25, 2009	Apr 24, 2009	0.995224
Apr 27, 2009	May 22, 2009	0.996033
May 26, 2009	Jun 24, 2009	0.996026
Jun 25, 2009	Jul 24, 2009	0.996806
Jul 27, 2009	Aug 24, 2009	0.998145
Aug 25, 2009	Sep 24, 2009	0.998978
Sep 25, 2009	Oct 23, 2009	0.999058
Oct 26, 2009	Nov 24, 2009	0.999664
Nov 25, 2009	Dec 24, 2009	1.001511
Dec 28, 2009	Jan 22, 2010	0.573257
Jan 25, 2010	Feb 24, 2010	0.388792
Feb 25, 2010	Mar 24, 2010	0.035421
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000

## **B4 Certificate Factor Chart**

From	То	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.00000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## **B5** Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000755
Jan 25, 2008	Feb 22, 2008	1.000754
Feb 25, 2008	Mar 24, 2008	0.999506
Mar 25, 2008	Apr 24, 2008	0.992176
Apr 25, 2008	May 23, 2008	0.992175
May 27, 2008	Jun 24, 2008	0.992173
Jun 25, 2008	Jul 24, 2008	0.992171
Jul 25, 2008	Aug 22, 2008	0.992170
Aug 25, 2008	Sep 24, 2008	0.992167
Sep 25, 2008	Oct 24, 2008	0.992885
Oct 27, 2008	Nov 24, 2008	0.992382
Nov 25, 2008	Dec 24, 2008	0.993187
Dec 26, 2008	Jan 23, 2009	0.993531
Jan 26, 2009	Feb 24, 2009	0.993627
Feb 25, 2009	Mar 24, 2009	0.994081
Mar 25, 2009	Apr 24, 2009	0.995224
Apr 27, 2009	May 22, 2009	0.996040
May 26, 2009	Jun 24, 2009	0.996033
Jun 25, 2009	Jul 24, 2009	0.996813
Jul 27, 2009	Aug 24, 2009	0.998153
Aug 25, 2009	Sep 24, 2009	0.998985
Sep 25, 2009	Oct 23, 2009	0.999065
Oct 26, 2009	Nov 24, 2009	0.575465
Nov 25, 2009	Dec 24, 2009	0.118026
Dec 28, 2009	Jan 22, 2010	0.000000
Jan 25, 2010	Feb 24, 2010	0.000000
Feb 25, 2010	Mar 24, 2010	0.000000
Mar 25, 2010	Apr 23, 2010	0.000000
Apr 26, 2010	May 24, 2010	0.000000
May 25, 2010	Jun 24, 2010	0.000000
Jun 25, 2010	Jul 23, 2010	0.000000
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011  Jun 27, 2011	Jun 24, 2011 Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
p =0, =0±±		0.000000

## **B5** Certificate Factor Chart

From	То	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.00000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

## 2A1 Certificate Factor Chart

From	То	Factor
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.966937
Dec 26, 2007	Jan 24, 2008	0.968581
Jan 25, 2008	Feb 22, 2008	0.964663
Feb 25, 2008	Mar 24, 2008	0.960074
Mar 25, 2008	Apr 24, 2008	0.952000
Apr 25, 2008	May 23, 2008	0.946941
May 27, 2008	Jun 24, 2008	0.932062
Jun 25, 2008	Jul 24, 2008	0.930611
Jul 25, 2008	Aug 22, 2008	0.919272
Aug 25, 2008	Sep 24, 2008	0.906284
Sep 25, 2008	Oct 24, 2008	0.907749
Oct 27, 2008	Nov 24, 2008	0.896125
Nov 25, 2008	Dec 24, 2008	0.897822
Dec 26, 2008	Jan 23, 2009	0.891511
Jan 26, 2009	Feb 24, 2009	0.890271
Feb 25, 2009	Mar 24, 2009	0.883670
Mar 25, 2009	Apr 24, 2009	0.873859
Apr 27, 2009	May 22, 2009	0.874233
May 26, 2009	Jun 24, 2009	0.871119
Jun 25, 2009	Jul 24, 2009	0.861132
Jul 27, 2009	Aug 24, 2009	0.853365
Aug 25, 2009	Sep 24, 2009	0.846775
Sep 25, 2009	Oct 23, 2009	0.834140
Oct 26, 2009	Nov 24, 2009	0.829767
Nov 25, 2009	Dec 24, 2009	0.826717
Dec 28, 2009	Jan 22, 2010	0.819031
Jan 25, 2010	Feb 24, 2010	0.812231
Feb 25, 2010	Mar 24, 2010	0.795960
Mar 25, 2010	Apr 23, 2010	0.788373
Apr 26, 2010	May 24, 2010	0.786643
May 25, 2010	Jun 24, 2010	0.781078
Jun 25, 2010	Jul 23, 2010	0.774470
Jul 26, 2010	Aug 24, 2010	0.767222
Aug 25, 2010	Sep 24, 2010	0.761507
Sep 27, 2010	Oct 22, 2010	0.756563
Oct 25, 2010	Nov 24, 2010	0.746718
Nov 26, 2010	Dec 23, 2010	0.745668
Dec 27, 2010	Jan 24, 2011	0.743701
Jan 25, 2011	Feb 24, 2011	0.729064
Feb 25, 2011	Mar 24, 2011	0.726801
Mar 25, 2011	Apr 22, 2011	0.725072
Apr 25, 2011	May 24, 2011	0.718058
May 25, 2011	Jun 24, 2011	0.711951
Jun 27, 2011	Jul 22, 2011	0.702381
Jul 25, 2011	Aug 24, 2011	0.701931
Aug 25, 2011	Sep 23, 2011	0.694080
Sep 26, 2011	Oct 24, 2011	0.683474

## 2A1 Certificate Factor Chart

From	То	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.674614
Nov 25, 2011	Dec 23, 2011	0.669459
Dec 27, 2011	Jan 24, 2012	0.665919
Jan 25, 2012	Feb 24, 2012	0.656969
Feb 27, 2012	Mar 23, 2012	0.657431
Mar 26, 2012	Apr 24, 2012	0.655928
Apr 25, 2012	May 24, 2012	0.652024
May 25, 2012	Jun 22, 2012	0.647916
Jun 25, 2012	Jul 24, 2012	0.641591
Jul 25, 2012	Aug 24, 2012	0.632351
Aug 27, 2012	Sep 24, 2012	0.632204
Sep 25, 2012	Oct 24, 2012	0.630847
Oct 25, 2012	Nov 23, 2012	0.623845
Nov 26, 2012	Dec 24, 2012	0.612136
Dec 26, 2012	Jan 24, 2013	0.604885
Jan 25, 2013	Feb 22, 2013	0.592325
Feb 25, 2013	Mar 22, 2013	0.570282
Mar 25, 2013	Apr 24, 2013	0.563368
Apr 25, 2013	May 24, 2013	0.561421
May 28, 2013	Jun 24, 2013	0.546863
Jun 25, 2013	Jul 24, 2013	0.532752
Jul 25, 2013	Aug 23, 2013	0.515593
Aug 26, 2013	Sep 24, 2013	0.506318
Sep 25, 2013	Oct 24, 2013	0.501674
Oct 25, 2013	Nov 22, 2013	0.498251
Nov 25, 2013	Dec 24, 2013	0.498224
Dec 26, 2013	Jan 24, 2014	0.485202
Jan 27, 2014	Feb 24, 2014	0.484966
Feb 25, 2014	Mar 24, 2014	0.479869
Mar 25, 2014	Apr 24, 2014	0.479876
Apr 25, 2014	May 23, 2014	0.474201
May 27, 2014	Jun 24, 2014	0.471662
Jun 25, 2014	Jul 24, 2014	0.470797
Jul 25, 2014	Aug 22, 2014	0.470797
Aug 25, 2014	Sep 24, 2014	0.464547
Sep 25, 2014	Oct 24, 2014	0.451557
Oct 27, 2014	Nov 24, 2014	0.451244
Nov 25, 2014	Dec 24, 2014	0.442698
Dec 26, 2014	Jan 23, 2015	0.442334
Jan 26, 2015	Feb 24, 2015	0.442095
Feb 25, 2015	Mar 24, 2015	0.435177
Mar 25, 2015	Apr 24, 2015	0.428634
Apr 27, 2015	May 22, 2015	0.430467
May 26, 2015	Jun 24, 2015	0.423238
Jun 25, 2015		0.416531

## 2X Certificate Factor Chart

<u>From</u>	<u>To</u>	<u>Factor</u>
	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	0.966937
Dec 26, 2007	Jan 24, 2008	0.968960
Jan 25, 2008	Feb 22, 2008	0.965043
Feb 25, 2008	Mar 24, 2008	0.960453
Mar 25, 2008	Apr 24, 2008	0.952758
Apr 25, 2008	May 23, 2008	0.947699
May 27, 2008	Jun 24, 2008	0.932820
Jun 25, 2008	Jul 24, 2008	0.931369
Jul 25, 2008	Aug 22, 2008	0.920030
Aug 25, 2008	Sep 24, 2008	0.907042
Sep 25, 2008	Oct 24, 2008	0.908867
Oct 27, 2008	Nov 24, 2008	0.897243
Nov 25, 2008	Dec 24, 2008	0.899298
Dec 26, 2008	Jan 23, 2009	0.892987
Jan 26, 2009	Feb 24, 2009	0.892006
Feb 25, 2009	Mar 24, 2009	0.885404
Mar 25, 2009	Apr 24, 2009	0.875594
Apr 27, 2009	May 22, 2009	0.876320
May 26, 2009	Jun 24, 2009	0.873206
Jun 25, 2009	Jul 24, 2009	0.863574
Jul 27, 2009	Aug 24, 2009	0.855806
Aug 25, 2009	Sep 24, 2009	0.849565
Sep 25, 2009	Oct 23, 2009	0.836930
Oct 26, 2009	Nov 24, 2009	0.832557
Nov 25, 2009	Dec 24, 2009	0.829848
Dec 28, 2009	Jan 22, 2010	0.822162
Jan 25, 2010	Feb 24, 2010	0.815702
Feb 25, 2010	Mar 24, 2010	0.799430
Mar 25, 2010	Apr 23, 2010	0.791844
Apr 26, 2010	May 24, 2010	0.790442
May 25, 2010	Jun 24, 2010	0.785207
Jun 25, 2010	Jul 23, 2010	0.778928
Jul 26, 2010	Aug 24, 2010	0.772009
Aug 25, 2010	Sep 24, 2010	0.766294
Sep 27, 2010	Oct 22, 2010	0.761674
Oct 25, 2010	Nov 24, 2010	0.751829
Nov 26, 2010	Dec 23, 2010	0.749010
Dec 27, 2010	Jan 24, 2011	0.747373
Jan 25, 2011	Feb 24, 2011	0.732777
Feb 25, 2011	Mar 24, 2011	0.730540
Mar 25, 2011	Apr 22, 2011	0.729136
Apr 25, 2011	May 24, 2011	0.722143
May 25, 2011	Jun 24, 2011	0.709144
Jun 27, 2011	Jul 22, 2011	0.682359
Jul 25, 2011	Aug 24, 2011	0.683003
Aug 25, 2011	Sep 23, 2011	0.673348
Sep 26, 2011	Oct 24, 2011	0.651208

## 2X Certificate Factor Chart

From	То	<u>Factor</u>
Oct 25, 2011	Nov 23, 2011	0.634878
Nov 25, 2011	Dec 23, 2011	0.623036
Dec 27, 2011	Jan 24, 2012	0.614900
Jan 25, 2012	Feb 24, 2012	0.593360
Feb 27, 2012	Mar 23, 2012	0.592404
Mar 26, 2012	Apr 24, 2012	0.578413
Apr 25, 2012	May 24, 2012	0.565472
May 25, 2012	Jun 22, 2012	0.549189
Jun 25, 2012	Jul 24, 2012	0.537541
Jul 25, 2012	Aug 24, 2012	0.528798
Aug 27, 2012	Sep 24, 2012	0.525032
Sep 25, 2012	Oct 24, 2012	0.518882
Oct 25, 2012	Nov 23, 2012	0.507664
Nov 26, 2012	Dec 24, 2012	0.498269
Dec 26, 2012	Jan 24, 2013	0.490932
Jan 25, 2013	Feb 22, 2013	0.480797
Feb 25, 2013	Mar 22, 2013	0.462983
Mar 25, 2013	Apr 24, 2013	0.457414
Apr 25, 2013	May 24, 2013	0.455848
May 28, 2013	Jun 24, 2013	0.444097
Jun 25, 2013	Jul 24, 2013	0.432702
Jul 25, 2013	Aug 23, 2013	0.418766
Aug 26, 2013	Sep 24, 2013	0.411255
Sep 25, 2013	Oct 24, 2013	0.407503
Oct 25, 2013	Nov 22, 2013	0.404723
Nov 25, 2013	Dec 24, 2013	0.404700
Dec 26, 2013	Jan 24, 2014	0.394265
Jan 27, 2014	Feb 24, 2014	0.394076
Feb 25, 2014	Mar 24, 2014	0.389976
Mar 25, 2014	Apr 24, 2014	0.389982
Apr 25, 2014	May 23, 2014	0.385392
May 27, 2014	Jun 24, 2014	0.383337
Jun 25, 2014	Jul 24, 2014	0.382641
Jul 25, 2014	Aug 22, 2014	0.382641
Aug 25, 2014	Sep 24, 2014	0.377641
Sep 25, 2014	Oct 24, 2014	0.367248
Oct 27, 2014	Nov 24, 2014	0.366997
Nov 25, 2014	Dec 24, 2014	0.354157
Dec 26, 2014	Jan 23, 2015	0.353866
Jan 26, 2015	Feb 24, 2015	0.353675
Feb 25, 2015	Mar 24, 2015	0.348141
Mar 25, 2015	Apr 24, 2015	0.342906
Apr 27, 2015	May 22, 2015	0.344373
May 26, 2015	Jun 24, 2015	0.338589
Jun 25, 2015		0.333224

#### 1A1 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.995317
Jun 25, 2007	Jul 24, 2007	0.981549
Jul 25, 2007	Aug 24, 2007	0.980253
Aug 27, 2007	Sep 24, 2007	0.977251
Sep 25, 2007	Oct 24, 2007	0.971687
Oct 25, 2007	Nov 23, 2007	0.970116
Nov 26, 2007	Dec 24, 2007	0.965063
Dec 26, 2007	Jan 24, 2008	0.963619
Jan 25, 2008	Feb 22, 2008	0.962010
Feb 25, 2008	Mar 24, 2008	0.957381
Mar 25, 2008	Apr 24, 2008	0.955458
Apr 25, 2008	May 23, 2008	0.946728
May 27, 2008	Jun 24, 2008	0.941150
Jun 25, 2008	Jul 24, 2008	0.939659
Jul 25, 2008	Aug 22, 2008	0.934503
Aug 25, 2008	Sep 24, 2008	0.927904
Sep 25, 2008	Oct 24, 2008	
Oct 27, 2008	Nov 24, 2008	0.926363
Nov 25, 2008	Dec 24, 2008	0.923078
Dec 26, 2008	Jan 23, 2009	0.915709
Jan 26, 2009	Feb 24, 2009	0.913737
Feb 25, 2009	Mar 24, 2009	0.910305
Mar 25, 2009	Apr 24, 2009	0.908681
Apr 27, 2009	May 22, 2009	0.901576
May 26, 2009	Jun 24, 2009	0.889548
Jun 25, 2009	Jul 24, 2009	0.869106
Jul 27, 2009	Aug 24, 2009	0.853616
Aug 25, 2009	Sep 24, 2009	0.847249
Sep 25, 2009	Oct 23, 2009	0.830167
Oct 26, 2009	Nov 24, 2009	0.818736
Nov 25, 2009	Dec 24, 2009	0.807070
Dec 28, 2009	Jan 22, 2010	0.797881
Jan 25, 2010	Feb 24, 2010	0.789578
Feb 25, 2010	Mar 24, 2010	0.776651
Mar 25, 2010	Apr 23, 2010	0.764859
	May 24, 2010	0.747258
Apr 26, 2010 May 25, 2010	Jun 24, 2010	0.734911
	<u> </u>	0.722807
Jun 25, 2010 Jul 26, 2010	Jul 23, 2010	0.720459
	Aug 24, 2010	0.694266
Aug 25, 2010	Sep 24, 2010 Oct 22, 2010	0.687180
Sep 27, 2010	Nov 24, 2010	0.669789
Oct 25, 2010 Nov 26, 2010	Dec 23, 2010	0.654009
Dec 27, 2010	Jan 24, 2011	0.634517
Jan 25, 2011	Feb 24, 2011	0.605660
Feb 25, 2011	Mar 24, 2011	0.579167
Mar 25, 2011	Apr 22, 2011	0.565428
Apr 25, 2011	May 24, 2011	0.559852
May 25, 2011	Jun 24, 2011	0.540525
Jun 27, 2011	Jul 22, 2011	0.536625
	· ·,+	0.529244

# 1A1 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.521955
Aug 25, 2011	Sep 23, 2011	0.516311
Sep 26, 2011	Oct 24, 2011	0.505501
Oct 25, 2011	Nov 23, 2011	0.490569
Nov 25, 2011	Dec 23, 2011	0.477832
Dec 27, 2011	Jan 24, 2012	0.467482
Jan 25, 2012	Feb 24, 2012	0.462340
Feb 27, 2012	Mar 23, 2012	0.455307
Mar 26, 2012	Apr 24, 2012	0.446102
Apr 25, 2012	May 24, 2012	0.439862
May 25, 2012	Jun 22, 2012	0.431981
Jun 25, 2012	Jul 24, 2012	0.427246
Jul 25, 2012	Aug 24, 2012	0.413847
Aug 27, 2012	Sep 24, 2012	0.399887
Sep 25, 2012	Oct 24, 2012	0.375711
Oct 25, 2012	Nov 23, 2012	0.371433
Nov 26, 2012	Dec 24, 2012	0.368165
Dec 26, 2012	Jan 24, 2013	0.351233
Jan 25, 2013	Feb 22, 2013	0.350723
Feb 25, 2013	Mar 22, 2013	0.342141
Mar 25, 2013	Apr 24, 2013	0.336240
Apr 25, 2013	May 24, 2013	0.325952
May 28, 2013	Jun 24, 2013	0.321054
Jun 25, 2013	Jul 24, 2013	0.307180
Jul 25, 2013	Aug 23, 2013	0.299408
Aug 26, 2013	Sep 24, 2013	0.286867
Sep 25, 2013	Oct 24, 2013	0.268512
Oct 25, 2013	Nov 22, 2013	0.256535
Nov 25, 2013	Dec 24, 2013	0.250528
Dec 26, 2013	Jan 24, 2014	0.249534
Jan 27, 2014	Feb 24, 2014	0.249382
Feb 25, 2014	Mar 24, 2014	0.249212
Mar 25, 2014	Apr 24, 2014	0.244030
Apr 25, 2014	May 23, 2014	0.237934
May 27, 2014	Jun 24, 2014	0.235881
Jun 25, 2014	Jul 24, 2014	0.233958
Jul 25, 2014	Aug 22, 2014	0.229317
Aug 25, 2014	Sep 24, 2014	0.228755
Sep 25, 2014	Oct 24, 2014	0.228155
Oct 27, 2014	Nov 24, 2014	0.227632
Nov 25, 2014	Dec 24, 2014	0.223294
Dec 26, 2014	Jan 23, 2015	0.212954
Jan 26, 2015	Feb 24, 2015	0.201350
Feb 25, 2015	Mar 24, 2015	0.198539
Mar 25, 2015	Apr 24, 2015	0.198047
Apr 27, 2015	May 22, 2015	0.193451
May 26, 2015	Jun 24, 2015	0.190557
Jun 25, 2015		0.188974

# 1A2 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.993233
Jun 25, 2007	Jul 24, 2007	0.973339
Jul 25, 2007	Aug 24, 2007	0.971467
Aug 27, 2007	Sep 24, 2007	0.967129
Sep 25, 2007	Oct 24, 2007	0.959089
Oct 25, 2007	Nov 23, 2007	0.956820
Nov 26, 2007	Dec 24, 2007	0.949518
Dec 26, 2007	Jan 24, 2008	0.947432
Jan 25, 2008	Feb 22, 2008	0.945107
Feb 25, 2008	Mar 24, 2008	0.938419
Mar 25, 2008	Apr 24, 2008	0.935640
Apr 25, 2008	May 23, 2008	0.923025
May 27, 2008	Jun 24, 2008	
Jun 25, 2008	Jul 24, 2008	0.914965
Jul 25, 2008	Aug 22, 2008	0.912811
Aug 25, 2008	Sep 24, 2008	0.905360
Sep 25, 2008	Oct 24, 2008	0.895825
Oct 27, 2008	Nov 24, 2008	0.893599
Nov 25, 2008	Dec 24, 2008	0.888852
Dec 26, 2008	Jan 23, 2009	0.878205
Jan 26, 2009	Feb 24, 2009	0.875355
Feb 25, 2009	Mar 24, 2009	0.870397
Mar 25, 2009	Apr 24, 2009	0.868050
Apr 27, 2009	May 22, 2009	0.857783
May 26, 2009	Jun 24, 2009	0.840403
Jun 25, 2009	Jul 24, 2009	0.810866
Jul 27, 2009	Aug 24, 2009	0.788484
Aug 25, 2009	Sep 24, 2009	0.779284
Sep 25, 2009	Oct 23, 2009	0.754602
Oct 26, 2009	Nov 24, 2009	0.738085
Nov 25, 2009	Dec 24, 2009	0.721228
Dec 28, 2009	Jan 22, 2010	0.707951
Jan 25, 2010	Feb 24, 2010	0.695953
Feb 25, 2010	Mar 24, 2010	0.677275
Mar 25, 2010	Apr 23, 2010	0.660236
	<u> </u>	0.634804
Apr 26, 2010 May 25, 2010	May 24, 2010 Jun 24, 2010	0.616963
Jun 25, 2010	<u> </u>	0.599474
	Jul 23, 2010	0.596081
Jul 26, 2010 Aug 25, 2010	Aug 24, 2010 Sep 24, 2010	0.558233
Sep 27, 2010	Oct 22, 2010	0.547994
Oct 25, 2010	Nov 24, 2010	0.522865
Nov 26, 2010	Dec 23, 2010	0.500065
Dec 27, 2010	Jan 24, 2011	0.471899
Jan 25, 2011	Feb 24, 2011	0.430204
Feb 25, 2011	Mar 24, 2011	0.391923
Mar 25, 2011	Apr 22, 2011	0.372071 0.364014
Apr 25, 2011	May 24, 2011	0.336088
May 25, 2011	Jun 24, 2011	0.330452
Jun 27, 2011	Jul 22, 2011	0.319788
		2.013,00

# 1A2 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.309255
Aug 25, 2011	Sep 23, 2011	0.301100
Sep 26, 2011	Oct 24, 2011	0.285479
Oct 25, 2011	Nov 23, 2011	0.263904
Nov 25, 2011	Dec 23, 2011	0.245501
Dec 27, 2011	Jan 24, 2012	0.230545
Jan 25, 2012	Feb 24, 2012	0.223116
Feb 27, 2012	Mar 23, 2012	0.212952
Mar 26, 2012	Apr 24, 2012	0.199652
Apr 25, 2012	May 24, 2012	0.190636
May 25, 2012	Jun 22, 2012	0.181144
Jun 25, 2012	Jul 24, 2012	0.175591
Jul 25, 2012	Aug 24, 2012	0.160478
Aug 27, 2012	Sep 24, 2012	0.145531
Sep 25, 2012	Oct 24, 2012	0.115947
Oct 25, 2012	Nov 23, 2012	0.111021
Nov 26, 2012	Dec 24, 2012	0.107340
Dec 26, 2012	Jan 24, 2013	0.086915
Jan 25, 2013	Feb 22, 2013	0.086582
Feb 25, 2013	Mar 22, 2013	0.084463
Mar 25, 2013	Apr 24, 2013	0.083007
Apr 25, 2013	May 24, 2013	0.080467
May 28, 2013	Jun 24, 2013	0.079258
Jun 25, 2013	Jul 24, 2013	0.075833
Jul 25, 2013	Aug 23, 2013	0.073914
Aug 26, 2013	Sep 24, 2013	0.070818
Sep 25, 2013	Oct 24, 2013	0.066287
Oct 25, 2013	Nov 22, 2013	0.063330
Nov 25, 2013	Dec 24, 2013	0.061847
Dec 26, 2013	Jan 24, 2014	0.061602
Jan 27, 2014	Feb 24, 2014	0.061564
Feb 25, 2014	Mar 24, 2014	0.061522
Mar 25, 2014	Apr 24, 2014	0.060243
Apr 25, 2014	May 23, 2014	0.058738
May 27, 2014	Jun 24, 2014	0.058231
Jun 25, 2014	Jul 24, 2014	0.057757
Jul 25, 2014	Aug 22, 2014	0.056611
Aug 25, 2014	Sep 24, 2014	0.056472
Sep 25, 2014	Oct 24, 2014	0.056324
Oct 27, 2014	Nov 24, 2014	0.056195
Nov 25, 2014	Dec 24, 2014	0.055124
Dec 26, 2014	Jan 23, 2015	0.052571
Jan 26, 2015	Feb 24, 2015	0.049707
Feb 25, 2015	Mar 24, 2015	0.049013
Mar 25, 2015	Apr 24, 2015	0.048891
Apr 27, 2015	May 22, 2015	0.047757
May 26, 2015	Jun 24, 2015	0.047042
Jun 25, 2015		0.046651

# 1A3 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

# 1A3 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	0.975530
Mar 25, 2013	Apr 24, 2013	0.958706
Apr 25, 2013	May 24, 2013	0.929372
May 28, 2013	Jun 24, 2013	0.915406
Jun 25, 2013	Jul 24, 2013	0.875848
Jul 25, 2013	Aug 23, 2013	0.853688
Aug 26, 2013	Sep 24, 2013	0.817929
Sep 25, 2013	Oct 24, 2013	0.765595
Oct 25, 2013	Nov 22, 2013	0.731447
Nov 25, 2013	Dec 24, 2013	0.714318
Dec 26, 2013	Jan 24, 2014	0.711486
Jan 27, 2014	Feb 24, 2014	0.711051
Feb 25, 2014	Mar 24, 2014	0.710566
Mar 25, 2014	Apr 24, 2014	0.695791
Apr 25, 2014	May 23, 2014	0.678411
May 27, 2014	Jun 24, 2014	0.672557
Jun 25, 2014	Jul 24, 2014	0.667073
Jul 25, 2014	Aug 22, 2014	0.653840
Aug 25, 2014	Sep 24, 2014	0.652238
Sep 25, 2014	Oct 24, 2014	0.650527
Oct 27, 2014	Nov 24, 2014	0.649037
Nov 25, 2014	Dec 24, 2014	0.636667
Dec 26, 2014	Jan 23, 2015	0.607186
Jan 26, 2015	Feb 24, 2015	0.574101
Feb 25, 2015	Mar 24, 2015	0.566086
Mar 25, 2015	Apr 24, 2015	0.564682
Apr 27, 2015	May 22, 2015	0.551578
May 26, 2015	Jun 24, 2015	0.543325
Jun 25, 2015		0.538811

# 1A4 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

# 1A4 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	0.993437
Jun 25, 2012	Jul 24, 2012	0.988982
Jul 25, 2012	Aug 24, 2012	0.974280
Aug 27, 2012	Sep 24, 2012	0.956206
Sep 25, 2012	Oct 24, 2012	0.937697
Oct 25, 2012	Nov 23, 2012	0.933352
Nov 26, 2012	Dec 24, 2012	0.929751
Dec 26, 2012	Jan 24, 2013	0.915766
Jan 25, 2013	Feb 22, 2013	0.914371
Feb 25, 2013	Mar 22, 2013	0.893990
Mar 25, 2013	Apr 24, 2013	0.878572
Apr 25, 2013	May 24, 2013	0.853845
May 28, 2013	Jun 24, 2013	0.841014
Jun 25, 2013	Jul 24, 2013	0.804651
Jul 25, 2013	Aug 23, 2013	0.787220
Aug 26, 2013	Sep 24, 2013	0.754225
Sep 25, 2013	Oct 24, 2013	0.706222
Oct 25, 2013	Nov 22, 2013	0.675015
Nov 25, 2013	Dec 24, 2013	0.661660
Dec 26, 2013	Jan 24, 2014	0.659334
Jan 27, 2014	Feb 24, 2014	0.659334
Feb 25, 2014	Mar 24, 2014	0.659334
Mar 25, 2014	Apr 24, 2014	0.646074
Apr 25, 2014	May 23, 2014	0.630387
May 27, 2014	Jun 24, 2014	0.625395
Jun 25, 2014	Jul 24, 2014	0.620735
Jul 25, 2014	Aug 22, 2014	0.608860
Aug 25, 2014	Sep 24, 2014	0.607807
Sep 25, 2014	Oct 24, 2014	0.606651
Oct 27, 2014	Nov 24, 2014	0.605700
Nov 25, 2014	Dec 24, 2014	0.594593
Dec 26, 2014	Jan 23, 2015	0.567497
Jan 26, 2015	Feb 24, 2015	0.537011
Feb 25, 2015	Mar 24, 2015	0.529949
Mar 25, 2015	Apr 24, 2015	0.529070
Apr 27, 2015	May 22, 2015	0.517227
May 26, 2015	Jun 24, 2015	0.509906
Jun 25, 2015		0.506086

# 1A5 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

# 1A5 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	0.993437
Jun 25, 2012	Jul 24, 2012	0.988982
Jul 25, 2012	Aug 24, 2012	0.974280
Aug 27, 2012	Sep 24, 2012	0.956206
Sep 25, 2012	Oct 24, 2012	0.937697
Oct 25, 2012	Nov 23, 2012	0.933352
Nov 26, 2012	Dec 24, 2012	0.929751
Dec 26, 2012	Jan 24, 2013	0.915766
Jan 25, 2013	Feb 22, 2013	0.914371
Feb 25, 2013	Mar 22, 2013	0.863993
Mar 25, 2013	Apr 24, 2013	0.849092
Apr 25, 2013	May 24, 2013	0.792834
May 28, 2013	Jun 24, 2013	0.780920
Jun 25, 2013	Jul 24, 2013	0.747454
Jul 25, 2013	Aug 23, 2013	0.687421
Aug 26, 2013	Sep 24, 2013	0.658910
Sep 25, 2013	Oct 24, 2013	0.613169
Oct 25, 2013	Nov 22, 2013	0.581716
Nov 25, 2013	Dec 24, 2013	0.533627
Dec 26, 2013	Jan 24, 2014	0.527335
Jan 27, 2014	Feb 24, 2014	0.521355
Feb 25, 2014	Mar 24, 2014	0.514682
Mar 25, 2014	Apr 24, 2014	0.497670
Apr 25, 2014	May 23, 2014	0.478914
May 27, 2014	Jun 24, 2014	0.468486
Jun 25, 2014	Jul 24, 2014	0.458491
Jul 25, 2014	Aug 22, 2014	0.443228
Aug 25, 2014	Sep 24, 2014	0.435982
Sep 25, 2014	Oct 24, 2014	0.428684
Oct 27, 2014	Nov 24, 2014	0.421539
Nov 25, 2014	Dec 24, 2014	0.407365
Dec 26, 2014	Jan 23, 2015	0.382369
Jan 26, 2015	Feb 24, 2015	0.355408
Feb 25, 2015	Mar 24, 2015	0.344327
Mar 25, 2015	Apr 24, 2015	0.337360
Apr 27, 2015	May 22, 2015	0.323424
May 26, 2015	Jun 24, 2015	0.312718
Jun 25, 2015		0.304268

# 2A1 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.997232
Jun 25, 2007	Jul 24, 2007	0.987731
Jul 25, 2007	Aug 24, 2007	0.984849
Aug 27, 2007	Sep 24, 2007	0.980749
Sep 25, 2007	Oct 24, 2007	0.976898
Oct 25, 2007	Nov 23, 2007	0.975512
Nov 26, 2007	Dec 24, 2007	0.972820
Dec 26, 2007	Jan 24, 2008	0.968574
Jan 25, 2008	Feb 22, 2008	0.967077
Feb 25, 2008	Mar 24, 2008	
Mar 25, 2008	Apr 24, 2008	0.962451 0.960985
Apr 25, 2008	May 23, 2008	0.957461
May 27, 2008	Jun 24, 2008	
Jun 25, 2008	Jul 24, 2008	0.950499
Jul 25, 2008	Aug 22, 2008	0.949053
Aug 25, 2008	Sep 24, 2008	0.943644
Sep 25, 2008	Oct 24, 2008	0.938168
Oct 27, 2008	Nov 24, 2008	0.934199
Nov 25, 2008	Dec 24, 2008	0.929765
Dec 26, 2008	Jan 23, 2009	0.924889
Jan 26, 2009	Feb 24, 2009	0.921267
Feb 25, 2009	Mar 24, 2009	0.914957
Mar 25, 2009	Apr 24, 2009	0.911131
Apr 27, 2009	May 22, 2009	0.895259
May 26, 2009	Jun 24, 2009	0.886881
Jun 25, 2009	Jul 24, 2009	0.867371
Jul 27, 2009	Aug 24, 2009	0.850318
Aug 25, 2009	Sep 24, 2009	0.836429
Sep 25, 2009	Oct 23, 2009	0.819595
Oct 26, 2009	Nov 24, 2009	0.811760
Nov 25, 2009	Dec 24, 2009	0.803841
Dec 28, 2009	Jan 22, 2010	0.792875
Jan 25, 2010	Feb 24, 2010	0.784911
Feb 25, 2010	Mar 24, 2010	0.767496
Mar 25, 2010	Apr 23, 2010	0.761336
	<u> </u>	0.746359
Apr 26, 2010 May 25, 2010	May 24, 2010 Jun 24, 2010	0.732273
Jun 25, 2010	·	0.723371
Jul 25, 2010 Jul 26, 2010	Jul 23, 2010 Aug 24, 2010	0.717759
Aug 25, 2010	Sep 24, 2010	0.694156
Sep 27, 2010	Oct 22, 2010	0.680629
Oct 25, 2010	Nov 24, 2010	0.666440
Nov 26, 2010	Dec 23, 2010	0.648183
Dec 27, 2010	Jan 24, 2011	0.631008
Jan 25, 2011	Feb 24, 2011	0.605737
Feb 25, 2011	Mar 24, 2011	0.575339
Mar 25, 2011	Apr 22, 2011	0.559081
Apr 25, 2011	May 24, 2011	0.551986 0.532703
May 25, 2011	Jun 24, 2011	0.532703
Jun 27, 2011	Jul 22, 2011	0.525330
	<u> </u>	0.31/134

# 2A1 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.509401
Aug 25, 2011	Sep 23, 2011	0.501611
Sep 26, 2011	Oct 24, 2011	0.491766
Oct 25, 2011	Nov 23, 2011	0.482462
Nov 25, 2011	Dec 23, 2011	0.472565
Dec 27, 2011	Jan 24, 2012	0.456756
Jan 25, 2012	Feb 24, 2012	0.451122
Feb 27, 2012	Mar 23, 2012	0.446379
Mar 26, 2012	Apr 24, 2012	0.439645
Apr 25, 2012	May 24, 2012	0.429406
May 25, 2012	Jun 22, 2012	0.417009
Jun 25, 2012	Jul 24, 2012	0.408725
Jul 25, 2012	Aug 24, 2012	0.399469
Aug 27, 2012	Sep 24, 2012	0.392629
Sep 25, 2012	Oct 24, 2012	0.382961
Oct 25, 2012	Nov 23, 2012	0.374161
Nov 26, 2012	Dec 24, 2012	0.364931
Dec 26, 2012	Jan 24, 2013	0.357546
Jan 25, 2013	Feb 22, 2013	0.355369
Feb 25, 2013	Mar 22, 2013	0.349022
Mar 25, 2013	Apr 24, 2013	0.341201
Apr 25, 2013	May 24, 2013	0.334600
May 28, 2013	Jun 24, 2013	0.325000
Jun 25, 2013	Jul 24, 2013	0.302842
Jul 25, 2013	Aug 23, 2013	0.287115
Aug 26, 2013	Sep 24, 2013	0.272777
Sep 25, 2013	Oct 24, 2013	0.255631
Oct 25, 2013	Nov 22, 2013	0.247651
Nov 25, 2013	Dec 24, 2013	0.236891
Dec 26, 2013	Jan 24, 2014	0.234606
Jan 27, 2014	Feb 24, 2014	0.230522
Feb 25, 2014	Mar 24, 2014	0.229988
Mar 25, 2014	Apr 24, 2014	0.227210
Apr 25, 2014	May 23, 2014	0.225027
May 27, 2014	Jun 24, 2014	0.219862
Jun 25, 2014	Jul 24, 2014	0.214242
Jul 25, 2014	Aug 22, 2014	0.209800
Aug 25, 2014	Sep 24, 2014	0.207652
Sep 25, 2014	Oct 24, 2014	0.205192
Oct 27, 2014	Nov 24, 2014	0.203146
Nov 25, 2014	Dec 24, 2014	0.199446
Dec 26, 2014	Jan 23, 2015	0.191878
Jan 26, 2015	Feb 24, 2015	0.184198
Feb 25, 2015	Mar 24, 2015	0.181279
Mar 25, 2015	Apr 24, 2015	0.179917
Apr 27, 2015	May 22, 2015	0.175175
May 26, 2015	Jun 24, 2015	0.172159
Jun 25, 2015		0.167677

# 2A2 Certificate Factor Chart

From	То	<u>Factor</u>
<u>110111</u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.996221
Jun 25, 2007	Jul 24, 2007	0.983248
Jul 25, 2007	Aug 24, 2007	0.979314
Aug 27, 2007	Sep 24, 2007	
Sep 25, 2007	Oct 24, 2007	0.973715 0.968457
Oct 25, 2007	Nov 23, 2007	0.966565
Nov 26, 2007	Dec 24, 2007	0.962890
Dec 26, 2007	Jan 24, 2008	0.957092
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	0.955048
Mar 25, 2008	Apr 24, 2008	0.948731
Apr 25, 2008	May 23, 2008	0.946730
May 27, 2008	Jun 24, 2008	0.941919
Jun 25, 2008	Jul 24, 2008	0.932413
Jul 25, 2008	Aug 22, 2008	0.930438
Aug 25, 2008	Sep 24, 2008	0.923054
Sep 25, 2008	Oct 24, 2008	0.915577
Oct 27, 2008	Nov 24, 2008	0.910157
Nov 25, 2008	Dec 24, 2008	0.904104
Dec 26, 2008	Jan 23, 2009	0.897447
	•	0.892501
Jan 26, 2009	Feb 24, 2009	0.883886
Feb 25, 2009	Mar 24, 2009	0.878661
Mar 25, 2009	Apr 24, 2009	0.856990
Apr 27, 2009	May 22, 2009	0.845551
May 26, 2009	Jun 24, 2009	0.818913
Jun 25, 2009	Jul 24, 2009	0.795629
Jul 27, 2009	Aug 24, 2009	0.776666
Aug 25, 2009	Sep 24, 2009	0.753681
Sep 25, 2009	Oct 23, 2009	0.742984
Oct 26, 2009	Nov 24, 2009	0.732170
Nov 25, 2009	Dec 24, 2009	0.717198
Dec 28, 2009	Jan 22, 2010	0.706324
Jan 25, 2010	Feb 24, 2010	0.682547
Feb 25, 2010	Mar 24, 2010	0.674137
Mar 25, 2010	Apr 23, 2010	0.653687
Apr 26, 2010	May 24, 2010	0.634455
May 25, 2010	Jun 24, 2010	0.622300
Jun 25, 2010	Jul 23, 2010	0.614637
Jul 26, 2010	Aug 24, 2010	0.582411
Aug 25, 2010	Sep 24, 2010	0.563941
Sep 27, 2010	Oct 22, 2010	0.544568
Oct 25, 2010	Nov 24, 2010	0.519641
Nov 26, 2010	Dec 23, 2010	0.496190
Dec 27, 2010	Jan 24, 2011	0.461686
Jan 25, 2011	Feb 24, 2011	0.420181
Feb 25, 2011	Mar 24, 2011	0.397984
Mar 25, 2011	Apr 22, 2011	0.388297
Apr 25, 2011	May 24, 2011	0.361968
May 25, 2011	Jun 24, 2011	0.349452
Jun 27, 2011	Jul 22, 2011	0.340792

# 2A2 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.330153
Aug 25, 2011	Sep 23, 2011	0.319516
Sep 26, 2011	Oct 24, 2011	0.306074
Oct 25, 2011	Nov 23, 2011	0.293370
Nov 25, 2011	Dec 23, 2011	0.279857
Dec 27, 2011	Jan 24, 2012	0.258273
Jan 25, 2012	Feb 24, 2012	0.250580
Feb 27, 2012	Mar 23, 2012	0.244104
Mar 26, 2012	Apr 24, 2012	0.234909
Apr 25, 2012	May 24, 2012	0.220929
May 25, 2012	Jun 22, 2012	0.206690
Jun 25, 2012	Jul 24, 2012	0.197313
Jul 25, 2012	Aug 24, 2012	0.187688
Aug 27, 2012	Sep 24, 2012	0.180633
Sep 25, 2012	Oct 24, 2012	0.170345
Oct 25, 2012	Nov 23, 2012	0.160445
Nov 26, 2012	Dec 24, 2012	0.150075
Dec 26, 2012	Jan 24, 2013	0.141866
Jan 25, 2013	Feb 22, 2013	0.139674
Feb 25, 2013	Mar 22, 2013	0.137179
Mar 25, 2013	Apr 24, 2013	0.134105
Apr 25, 2013	May 24, 2013	0.131511
May 28, 2013	Jun 24, 2013	0.127738
Jun 25, 2013	Jul 24, 2013	0.119029
Jul 25, 2013	Aug 23, 2013	0.112847
Aug 26, 2013	Sep 24, 2013	0.107212
Sep 25, 2013	Oct 24, 2013	0.100473
Oct 25, 2013	Nov 22, 2013	0.097336
Nov 25, 2013	Dec 24, 2013	0.093107
Dec 26, 2013	Jan 24, 2014	0.092209
Jan 27, 2014	Feb 24, 2014	0.090604
Feb 25, 2014	Mar 24, 2014	0.090394
Mar 25, 2014	Apr 24, 2014	0.089303
Apr 25, 2014	May 23, 2014	0.088444
May 27, 2014	Jun 24, 2014	0.086414
Jun 25, 2014	Jul 24, 2014	0.084205
Jul 25, 2014	Aug 22, 2014	0.082460
Aug 25, 2014	Sep 24, 2014	0.081615
Sep 25, 2014	Oct 24, 2014	0.080649
Oct 27, 2014	Nov 24, 2014	0.079844
Nov 25, 2014	Dec 24, 2014	0.078390
Dec 26, 2014	Jan 23, 2015	0.075416
Jan 26, 2015	Feb 24, 2015	0.072397
Feb 25, 2015	Mar 24, 2015	0.071250
Mar 25, 2015	Apr 24, 2015	0.070715
Apr 27, 2015	May 22, 2015	0.068850
May 26, 2015	Jun 24, 2015	0.067665
Jun 25, 2015		0.065904

# 2A3 Certificate Factor Chart

From	То	<u>Factor</u>
<u>110111</u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.996451
Jun 25, 2007	Jul 24, 2007	0.984268
Jul 25, 2007	Aug 24, 2007	0.980573
Aug 27, 2007	Sep 24, 2007	
Sep 25, 2007	Oct 24, 2007	0.975315
Oct 25, 2007	Nov 23, 2007	0.970377 0.968601
Nov 26, 2007	Dec 24, 2007	0.965149
Dec 26, 2007	Jan 24, 2008	0.959704
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	0.957785
Mar 25, 2008	Apr 24, 2008	0.951853
Apr 25, 2008	May 23, 2008	0.949974
May 27, 2008	Jun 24, 2008	0.945455
Jun 25, 2008	Jul 24, 2008	0.936528
Jul 25, 2008	Aug 22, 2008	0.934674
Aug 25, 2008	Sep 24, 2008	0.927739
Sep 25, 2008	Oct 24, 2008	0.920717
Oct 27, 2008	Nov 24, 2008	0.915628
Nov 25, 2008	Dec 24, 2008	0.909943
Dec 26, 2008	Jan 23, 2009	0.903691
·	•	0.899047
Jan 26, 2009	Feb 24, 2009	0.890956
Feb 25, 2009	Mar 24, 2009	0.886049
Mar 25, 2009	Apr 24, 2009	0.865698
Apr 27, 2009	May 22, 2009	0.854955
May 26, 2009	Jun 24, 2009	0.829939
Jun 25, 2009	Jul 24, 2009	0.808073
Jul 27, 2009	Aug 24, 2009	0.790264
Aug 25, 2009	Sep 24, 2009	0.768679
Sep 25, 2009	Oct 23, 2009	0.758633
Oct 26, 2009	Nov 24, 2009	0.748478
Nov 25, 2009	Dec 24, 2009	0.734417
Dec 28, 2009	Jan 22, 2010	0.724206
Jan 25, 2010	Feb 24, 2010	0.701876
Feb 25, 2010	Mar 24, 2010	0.693978
Mar 25, 2010	Apr 23, 2010	0.674773
Apr 26, 2010	May 24, 2010	0.656712
May 25, 2010	Jun 24, 2010	0.645297
Jun 25, 2010	Jul 23, 2010	0.638101
Jul 26, 2010	Aug 24, 2010	0.607837
Aug 25, 2010	Sep 24, 2010	0.590491
Sep 27, 2010	Oct 22, 2010	0.572298
Oct 25, 2010	Nov 24, 2010	0.548889
Nov 26, 2010	Dec 23, 2010	0.526866
Dec 27, 2010	Jan 24, 2011	0.494462
Jan 25, 2011	Feb 24, 2011	0.455485
Feb 25, 2011	Mar 24, 2011	0.434639
Mar 25, 2011	Apr 22, 2011	0.425542
Apr 25, 2011	May 24, 2011	0.400816
May 25, 2011	Jun 24, 2011	0.389062
Jun 27, 2011	Jul 22, 2011	0.380930

# 2A3 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.370938
Aug 25, 2011	Sep 23, 2011	0.360949
Sep 26, 2011	Oct 24, 2011	0.348325
Oct 25, 2011	Nov 23, 2011	0.336395
Nov 25, 2011	Dec 23, 2011	0.323705
Dec 27, 2011	Jan 24, 2012	0.303435
Jan 25, 2012	Feb 24, 2012	0.296210
Feb 27, 2012	Mar 23, 2012	0.290129
Mar 26, 2012	Apr 24, 2012	0.281493
Apr 25, 2012	May 24, 2012	0.268365
May 25, 2012	Jun 22, 2012	0.254993
Jun 25, 2012	Jul 24, 2012	0.246187
Jul 25, 2012	Aug 24, 2012	0.237148
Aug 27, 2012	Sep 24, 2012	0.230523
Sep 25, 2012	Oct 24, 2012	0.220861
Oct 25, 2012	Nov 23, 2012	0.211563
Nov 26, 2012	Dec 24, 2012	0.201825
Dec 26, 2012	Jan 24, 2013	0.194116
Jan 25, 2013	Feb 22, 2013	0.192057
Feb 25, 2013	Mar 22, 2013	0.188627
Mar 25, 2013	Apr 24, 2013	0.184400
Apr 25, 2013	May 24, 2013	0.180833
May 28, 2013	Jun 24, 2013	0.175644
Jun 25, 2013	Jul 24, 2013	0.163669
Jul 25, 2013	Aug 23, 2013	0.155169
Aug 26, 2013	Sep 24, 2013	0.147420
Sep 25, 2013	Oct 24, 2013	0.138154
Oct 25, 2013	Nov 22, 2013	0.133841
Nov 25, 2013	Dec 24, 2013	0.128026
Dec 26, 2013	Jan 24, 2014	0.126791
Jan 27, 2014	Feb 24, 2014	0.124584
Feb 25, 2014	Mar 24, 2014	0.124295
Mar 25, 2014	Apr 24, 2014	0.122794
Apr 25, 2014	May 23, 2014	0.121614
May 27, 2014	Jun 24, 2014	0.118823
Jun 25, 2014	Jul 24, 2014	0.115786
Jul 25, 2014	Aug 22, 2014	0.113385
Aug 25, 2014	Sep 24, 2014	0.112224
Sep 25, 2014	Oct 24, 2014	0.110895
Oct 27, 2014	Nov 24, 2014	0.109789
Nov 25, 2014	Dec 24, 2014	0.107789
Dec 26, 2014	Jan 23, 2015	0.103699
Jan 26, 2015	Feb 24, 2015	0.099549
Feb 25, 2015	Mar 24, 2015	0.097971
Mar 25, 2015	Apr 24, 2015	0.097235
Apr 27, 2015	May 22, 2015	0.094672
May 26, 2015	Jun 24, 2015	0.093042
Jun 25, 2015		0.090620

# 2A4 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

# 2A4 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	0.982139
Mar 25, 2013	Apr 24, 2013	0.960131
Apr 25, 2013	May 24, 2013	0.941557
May 28, 2013	Jun 24, 2013	0.914543
Jun 25, 2013	Jul 24, 2013	0.852191
Jul 25, 2013	Aug 23, 2013	0.807934
Aug 26, 2013	Sep 24, 2013	0.767587
Sep 25, 2013	Oct 24, 2013	0.719340
Oct 25, 2013	Nov 22, 2013	0.696883
Nov 25, 2013	Dec 24, 2013	0.666605
Dec 26, 2013	Jan 24, 2014	0.660176
Jan 27, 2014	Feb 24, 2014	0.648684
Feb 25, 2014	Mar 24, 2014	0.647180
Mar 25, 2014	Apr 24, 2014	0.639365
Apr 25, 2014	May 23, 2014	0.633219
May 27, 2014	Jun 24, 2014	0.618688
Jun 25, 2014	Jul 24, 2014	0.602872
Jul 25, 2014	Aug 22, 2014	0.590372
Aug 25, 2014	Sep 24, 2014	0.584327
Sep 25, 2014	Oct 24, 2014	0.577406
Oct 27, 2014	Nov 24, 2014	0.571647
Nov 25, 2014	Dec 24, 2014	0.561235
Dec 26, 2014	Jan 23, 2015	0.539941
Jan 26, 2015	Feb 24, 2015	0.518329
Feb 25, 2015	Mar 24, 2015	0.510114
Mar 25, 2015	Apr 24, 2015	0.506283
Apr 27, 2015	May 22, 2015	0.492937
May 26, 2015	Jun 24, 2015	0.484451
Jun 25, 2015		0.471840

# 2A5 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

# 2A5 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	0.982139
Mar 25, 2013	Apr 24, 2013	0.960131
Apr 25, 2013	May 24, 2013	0.941557
May 28, 2013	Jun 24, 2013	0.914543
Jun 25, 2013	Jul 24, 2013	0.852191
Jul 25, 2013	Aug 23, 2013	0.807934
Aug 26, 2013	Sep 24, 2013	0.767587
Sep 25, 2013	Oct 24, 2013	0.719340
Oct 25, 2013	Nov 22, 2013	0.696883
Nov 25, 2013	Dec 24, 2013	0.666605
Dec 26, 2013	Jan 24, 2014	0.660176
Jan 27, 2014	Feb 24, 2014	0.648684
Feb 25, 2014	Mar 24, 2014	0.647180
Mar 25, 2014	Apr 24, 2014	0.639365
Apr 25, 2014	May 23, 2014	0.633219
May 27, 2014	Jun 24, 2014	0.618688
Jun 25, 2014	Jul 24, 2014	0.602872
Jul 25, 2014	Aug 22, 2014	0.590372
Aug 25, 2014	Sep 24, 2014	0.584327
Sep 25, 2014	Oct 24, 2014	0.577406
Oct 27, 2014	Nov 24, 2014	0.571647
Nov 25, 2014	Dec 24, 2014	0.561235
Dec 26, 2014	Jan 23, 2015	0.539941
Jan 26, 2015	Feb 24, 2015	0.518329
Feb 25, 2015	Mar 24, 2015	0.510114
Mar 25, 2015	Apr 24, 2015	0.506283
Apr 27, 2015	May 22, 2015	0.492937
May 26, 2015	Jun 24, 2015	0.484451
Jun 25, 2015		0.471840

# 2A6 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

# 2A6 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	0.982139
Mar 25, 2013	Apr 24, 2013	0.960131
Apr 25, 2013	May 24, 2013	0.941557
May 28, 2013	Jun 24, 2013	0.914543
Jun 25, 2013	Jul 24, 2013	0.852191
Jul 25, 2013	Aug 23, 2013	0.807934
Aug 26, 2013	Sep 24, 2013	0.767587
Sep 25, 2013	Oct 24, 2013	0.719340
Oct 25, 2013	Nov 22, 2013	0.696883
Nov 25, 2013	Dec 24, 2013	0.666605
Dec 26, 2013	Jan 24, 2014	0.660176
Jan 27, 2014	Feb 24, 2014	0.648684
Feb 25, 2014	Mar 24, 2014	0.647180
Mar 25, 2014	Apr 24, 2014	0.639365
Apr 25, 2014	May 23, 2014	0.633219
May 27, 2014	Jun 24, 2014	0.618688
Jun 25, 2014	Jul 24, 2014	0.602872
Jul 25, 2014	Aug 22, 2014	0.590372
Aug 25, 2014	Sep 24, 2014	0.584327
Sep 25, 2014	Oct 24, 2014	0.577406
Oct 27, 2014	Nov 24, 2014	0.571647
Nov 25, 2014	Dec 24, 2014	0.561235
Dec 26, 2014	Jan 23, 2015	0.539941
Jan 26, 2015	Feb 24, 2015	0.518329
Feb 25, 2015	Mar 24, 2015	0.510114
Mar 25, 2015	Apr 24, 2015	0.506283
Apr 27, 2015	May 22, 2015	0.492937
May 26, 2015	Jun 24, 2015	0.484451
Jun 25, 2015		0.471840

# 2A7 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

# 2A7 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	0.990159
Jun 25, 2012	Jul 24, 2012	0.983080
Jul 25, 2012	Aug 24, 2012	0.972049
Aug 27, 2012	Sep 24, 2012	0.963681
Sep 25, 2012	Oct 24, 2012	0.953013
Oct 25, 2012	Nov 23, 2012	0.945269
Nov 26, 2012	Dec 24, 2012	0.937094
Dec 26, 2012	Jan 24, 2013	0.930231
Jan 25, 2013	Feb 22, 2013	0.927375
Feb 25, 2013	Mar 22, 2013	0.914370
Mar 25, 2013	Apr 24, 2013	0.893867
Apr 25, 2013	May 24, 2013	0.878840
May 28, 2013	Jun 24, 2013	0.855286
Jun 25, 2013	Jul 24, 2013	0.796937
Jul 25, 2013	Aug 23, 2013	0.758633
Aug 26, 2013	Sep 24, 2013	0.720711
Sep 25, 2013	Oct 24, 2013	0.675622
Oct 25, 2013	Nov 22, 2013	0.654791
Nov 25, 2013	Dec 24, 2013	0.629404
Dec 26, 2013	Jan 24, 2014	0.623604
Jan 27, 2014	Feb 24, 2014	0.613019
Feb 25, 2014	Mar 24, 2014	0.611868
Mar 25, 2014	Apr 24, 2014	0.604748
Apr 25, 2014	May 23, 2014	0.599205
May 27, 2014	Jun 24, 2014	0.587406
Jun 25, 2014	Jul 24, 2014	0.573551
Jul 25, 2014	Aug 22, 2014	0.561907
Aug 25, 2014	Sep 24, 2014	0.556669
Sep 25, 2014	Oct 24, 2014	0.550325
Oct 27, 2014	Nov 24, 2014	0.545097
Nov 25, 2014	Dec 24, 2014	0.535430
Dec 26, 2014	Jan 23, 2015	0.515370
Jan 26, 2015	Feb 24, 2015	0.495001
Feb 25, 2015	Mar 24, 2015	0.487416
Mar 25, 2015	Apr 24, 2015	0.484016
Apr 27, 2015	May 22, 2015	0.471516
May 26, 2015	Jun 24, 2015	0.463649
Jun 25, 2015		0.451831

# 2A8 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

# 2A8 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	0.990159
Jun 25, 2012	Jul 24, 2012	0.983080
Jul 25, 2012	Aug 24, 2012	0.972049
Aug 27, 2012	Sep 24, 2012	0.963681
Sep 25, 2012	Oct 24, 2012	0.953013
Oct 25, 2012	Nov 23, 2012	0.945269
Nov 26, 2012	Dec 24, 2012	0.937094
Dec 26, 2012	Jan 24, 2013	0.930231
Jan 25, 2013	Feb 22, 2013	0.927375
Feb 25, 2013	Mar 22, 2013	0.860758
Mar 25, 2013	Apr 24, 2013	0.841664
Apr 25, 2013	May 24, 2013	0.793535
May 28, 2013	Jun 24, 2013	0.747412
Jun 25, 2013	Jul 24, 2013	0.696967
Jul 25, 2013	Aug 23, 2013	0.617422
Aug 26, 2013	Sep 24, 2013	0.587100
Sep 25, 2013	Oct 24, 2013	0.547226
Oct 25, 2013	Nov 22, 2013	0.526462
Nov 25, 2013	Dec 24, 2013	0.460531
Dec 26, 2013	Jan 24, 2014	0.452290
Jan 27, 2014	Feb 24, 2014	0.440613
Feb 25, 2014	Mar 24, 2014	0.435795
Mar 25, 2014	Apr 24, 2014	0.426742
Apr 25, 2014	May 23, 2014	0.418849
May 27, 2014	Jun 24, 2014	0.381796
Jun 25, 2014	Jul 24, 2014	0.355706
Jul 25, 2014	Aug 22, 2014	0.344842
Aug 25, 2014	Sep 24, 2014	0.334070
Sep 25, 2014	Oct 24, 2014	0.326596
Oct 27, 2014	Nov 24, 2014	0.319678
Nov 25, 2014	Dec 24, 2014	0.310181
Dec 26, 2014	Jan 23, 2015	0.294810
Jan 26, 2015	Feb 24, 2015	0.279365
Feb 25, 2015	Mar 24, 2015	0.271280
Mar 25, 2015	Apr 24, 2015	0.265591
Apr 27, 2015	May 22, 2015	0.254945
May 26, 2015	Jun 24, 2015	0.247017
Jun 25, 2015		0.237065
·	·	·

# 2A9 Certificate Factor Chart

From	То	<u>Factor</u>
<u> </u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.993892
Jun 25, 2007	Jul 24, 2007	0.986275
Jul 25, 2007	Aug 24, 2007	0.979916
Aug 27, 2007	Sep 24, 2007	
Sep 25, 2007	Oct 24, 2007	0.971035 0.962854
Oct 25, 2007	Nov 23, 2007	0.959796
Nov 26, 2007	Dec 24, 2007	0.953855
Dec 26, 2007	Jan 24, 2008	0.944483
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	0.941179
Mar 25, 2008	Apr 24, 2008	0.930969
Apr 25, 2008	May 23, 2008	0.927734
May 27, 2008	Jun 24, 2008	0.919957
Jun 25, 2008	Jul 24, 2008	0.904591
Jul 25, 2008	Aug 22, 2008	0.901399
Aug 25, 2008	Sep 24, 2008	0.889462
Sep 25, 2008	Oct 24, 2008	0.877375
Oct 27, 2008	Nov 24, 2008	0.868615
Nov 25, 2008	Dec 24, 2008	0.858830
Dec 26, 2008	Jan 23, 2009	0.848069
Jan 26, 2009	Feb 24, 2009	0.840075
Feb 25, 2009	Mar 24, 2009	0.826149
Mar 25, 2009	Apr 24, 2009	0.817703
Apr 27, 2009	<u> </u>	0.782673
·	May 22, 2009	0.764183
May 26, 2009	Jun 24, 2009	0.734917
Jun 25, 2009 Jul 27, 2009	Jul 24, 2009 Aug 24, 2009	0.722122
	Sep 24, 2009	0.709391
Aug 25, 2009	· ·	0.696726
Sep 25, 2009	Oct 23, 2009	0.684129
Oct 26, 2009	Nov 24, 2009	0.671597
Nov 25, 2009	Dec 24, 2009	0.659132
Dec 28, 2009	Jan 22, 2010	0.646733
Jan 25, 2010	Feb 24, 2010	0.634399
Feb 25, 2010	Mar 24, 2010	0.622130
Mar 25, 2010	Apr 23, 2010	0.609925
Apr 26, 2010	May 24, 2010	0.597785
May 25, 2010	Jun 24, 2010	0.585710
Jun 25, 2010	Jul 23, 2010	0.573697
Jul 26, 2010	Aug 24, 2010	0.561749
Aug 25, 2010	Sep 24, 2010	0.549863
Sep 27, 2010	Oct 22, 2010	0.538040
Oct 25, 2010	Nov 24, 2010	0.526280
Nov 26, 2010	Dec 23, 2010	0.514582
Dec 27, 2010  Jan 25, 2011	Jan 24, 2011 Feb 24, 2011	0.502946
Feb 25, 2011	Mar 24, 2011	0.491371
Mar 25, 2011	Apr 22, 2011	0.479857
Apr 25, 2011	May 24, 2011	0.468405
May 25, 2011	Jun 24, 2011	0.457013
Jun 27, 2011	Jul 22, 2011	0.445681
Jun 27, 2011	Jui 22, 2011	0.434409

# 2A9 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.423197
Aug 25, 2011	Sep 23, 2011	0.412044
Sep 26, 2011	Oct 24, 2011	0.400950
Oct 25, 2011	Nov 23, 2011	0.389916
Nov 25, 2011	Dec 23, 2011	0.378939
Dec 27, 2011	Jan 24, 2012	0.368021
Jan 25, 2012	Feb 24, 2012	0.357161
Feb 27, 2012	Mar 23, 2012	0.346693
Mar 26, 2012	Apr 24, 2012	0.335612
Apr 25, 2012	May 24, 2012	0.324924
May 25, 2012	Jun 22, 2012	0.315797
Jun 25, 2012	Jul 24, 2012	0.306727
Jul 25, 2012	Aug 24, 2012	0.297712
Aug 27, 2012	Sep 24, 2012	0.288753
Sep 25, 2012	Oct 24, 2012	0.275356
Oct 25, 2012	Nov 23, 2012	0.259352
Nov 26, 2012	Dec 24, 2012	0.242589
Dec 26, 2012	Jan 24, 2013	0.229320
Jan 25, 2013	Feb 22, 2013	0.225776
Feb 25, 2013	Mar 22, 2013	0.221744
Mar 25, 2013	Apr 24, 2013	0.216775
Apr 25, 2013	May 24, 2013	0.212581
May 28, 2013	Jun 24, 2013	0.206482
Jun 25, 2013	Jul 24, 2013	0.192405
Jul 25, 2013	Aug 23, 2013	0.182412
Aug 26, 2013	Sep 24, 2013	0.173303
Sep 25, 2013	Oct 24, 2013	0.162410
Oct 25, 2013	Nov 22, 2013	0.157340
Nov 25, 2013	Dec 24, 2013	0.150504
Dec 26, 2013	Jan 24, 2014	0.149052
Jan 27, 2014	Feb 24, 2014	0.146457
Feb 25, 2014	Mar 24, 2014	0.146118
Mar 25, 2014	Apr 24, 2014	0.144353
Apr 25, 2014	May 23, 2014	0.142966
May 27, 2014	Jun 24, 2014	0.139685
Jun 25, 2014	Jul 24, 2014	0.136114
Jul 25, 2014	Aug 22, 2014	0.133292
Aug 25, 2014	Sep 24, 2014	0.131927
Sep 25, 2014	Oct 24, 2014	0.130365
Oct 27, 2014	Nov 24, 2014	0.129064
Nov 25, 2014	Dec 24, 2014	0.126714
Dec 26, 2014	Jan 23, 2015	0.121906
Jan 26, 2015	Feb 24, 2015	0.117026
Feb 25, 2015	Mar 24, 2015	0.115172
Mar 25, 2015	Apr 24, 2015	0.114307
Apr 27, 2015	May 22, 2015	0.111294
May 26, 2015	Jun 24, 2015	0.109378
Jun 25, 2015		0.106530

#### 2A10 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	0.978337
Jul 25, 2007	Aug 24, 2007	0.978337
Aug 27, 2007	Sep 24, 2007	0.978062
Sep 25, 2007	Oct 24, 2007	0.977546
Oct 25, 2007	Nov 23, 2007	0.977546
Nov 26, 2007	Dec 24, 2007	0.977546
Dec 26, 2007	Jan 24, 2008	0.977546
Jan 25, 2008	Feb 22, 2008	0.977546
Feb 25, 2008	Mar 24, 2008	0.977546
Mar 25, 2008	Apr 24, 2008	0.977546
Apr 25, 2008	May 23, 2008	0.977546
May 27, 2008	Jun 24, 2008	0.977546
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	0.977546
Aug 25, 2008	Sep 24, 2008	0.977546
Sep 25, 2008	Oct 24, 2008	0.977546
Oct 27, 2008	Nov 24, 2008	0.977546
Nov 25, 2008	Dec 24, 2008	0.977546
Dec 26, 2008	Jan 23, 2009	0.977546
Jan 26, 2009	Feb 24, 2009	0.977546
Feb 25, 2009	Mar 24, 2009	0.977546
Mar 25, 2009	Apr 24, 2009	0.977546
Apr 27, 2009	May 22, 2009	0.977546
,	Jun 24, 2009	0.977546
May 26, 2009		0.955171
Jun 25, 2009	Jul 24, 2009	0.914872
Jul 27, 2009	Aug 24, 2009 Sep 24, 2009	0.885798
Aug 25, 2009	· ·	0.846072
Sep 25, 2009	Oct 23, 2009	0.838457
Oct 26, 2009	Nov 24, 2009	0.830431
Nov 25, 2009	Dec 24, 2009	0.811390
Dec 28, 2009	Jan 22, 2010	0.802993
Jan 25, 2010	Feb 24, 2010	0.760653
Feb 25, 2010	Mar 24, 2010	0.758501
Mar 25, 2010	Apr 23, 2010	0.724677
Apr 26, 2010	May 24, 2010	0.693940
May 25, 2010	Jun 24, 2010	0.681656
Jun 25, 2010	Jul 23, 2010	0.681048
Jul 26, 2010	Aug 24, 2010	0.615929
Aug 25, 2010	Sep 24, 2010	0.586777
Sep 27, 2010	Oct 22, 2010	0.555156
Oct 25, 2010	Nov 24, 2010	0.508871
Nov 26, 2010	Dec 23, 2010	0.466355
Dec 27, 2010	Jan 24, 2011	0.394754
Jan 25, 2011	Feb 24, 2011	0.304699
Feb 25, 2011	Mar 24, 2011	0.265170
Mar 25, 2011	Apr 22, 2011	0.258348
Apr 25, 2011	May 24, 2011	0.207788
May 25, 2011	Jun 24, 2011	0.193351
Jun 27, 2011	Jul 22, 2011	0.188929

### 2A10 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.179218
Aug 25, 2011	Sep 23, 2011	0.169420
Sep 26, 2011	Oct 24, 2011	0.152166
Oct 25, 2011	Nov 23, 2011	0.136757
Nov 25, 2011	Dec 23, 2011	0.119128
Dec 27, 2011	Jan 24, 2012	0.080241
Jan 25, 2012	Feb 24, 2012	0.077687
Feb 27, 2012	Mar 23, 2012	0.077687
Mar 26, 2012	Apr 24, 2012	0.071549
Apr 25, 2012	May 24, 2012	0.052231
May 25, 2012	Jun 22, 2012	0.029699
Jun 25, 2012	Jul 24, 2012	0.019824
Jul 25, 2012	Aug 24, 2012	0.009209
Aug 27, 2012	Sep 24, 2012	0.005244
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

#### **3A1** Certificate Factor Chart

From	То	Factor
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.992741
Jun 25, 2007	Jul 24, 2007	0.983633
Jul 25, 2007	Aug 24, 2007	0.977410
Aug 27, 2007	Sep 24, 2007	0.973792
Sep 25, 2007	Oct 24, 2007	0.972733
Oct 25, 2007	Nov 23, 2007	0.968010
Nov 26, 2007	Dec 24, 2007	0.966280
Dec 26, 2007	Jan 24, 2008	0.960192
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	0.957653
Mar 25, 2008	Apr 24, 2008	0.949201
Apr 25, 2008	May 23, 2008	0.945813
May 27, 2008	Jun 24, 2008	0.941805
Jun 25, 2008	Jul 24, 2008	0.935009
Jul 25, 2008	Aug 22, 2008	0.926124
Aug 25, 2008	Sep 24, 2008	0.917628
		0.912117
Sep 25, 2008	Oct 24, 2008	0.902625
Oct 27, 2008	Nov 24, 2008	0.900820
Nov 25, 2008	Dec 24, 2008	0.896476
Dec 26, 2008	Jan 23, 2009	0.892970
Jan 26, 2009	Feb 24, 2009	0.885841
Feb 25, 2009	Mar 24, 2009	0.877846
Mar 25, 2009	Apr 24, 2009	0.862031
Apr 27, 2009	May 22, 2009	0.846171
May 26, 2009	Jun 24, 2009	0.827786
Jun 25, 2009	Jul 24, 2009	0.801035
Jul 27, 2009	Aug 24, 2009	0.779110
Aug 25, 2009	Sep 24, 2009	0.761408
Sep 25, 2009	Oct 23, 2009	0.757585
Oct 26, 2009	Nov 24, 2009	0.751539
Nov 25, 2009	Dec 24, 2009	0.740351
Dec 28, 2009	Jan 22, 2010	0.730050
Jan 25, 2010	Feb 24, 2010	0.718786
Feb 25, 2010	Mar 24, 2010	0.713228
Mar 25, 2010	Apr 23, 2010	0.705242
Apr 26, 2010	May 24, 2010	0.699408
May 25, 2010	Jun 24, 2010	0.688750
Jun 25, 2010	Jul 23, 2010	0.684047
Jul 26, 2010	Aug 24, 2010	0.678959
Aug 25, 2010	Sep 24, 2010	0.667010
Sep 27, 2010	Oct 22, 2010	0.655649
Oct 25, 2010	Nov 24, 2010	0.647353
Nov 26, 2010	Dec 23, 2010	0.633632
Dec 27, 2010	Jan 24, 2011	0.615818
Jan 25, 2011	Feb 24, 2011	0.588817
Feb 25, 2011	Mar 24, 2011	0.577805
Mar 25, 2011	Apr 22, 2011	0.562988
Apr 25, 2011	May 24, 2011	0.549185
May 25, 2011	Jun 24, 2011	0.538110
Jun 27, 2011	Jul 22, 2011	0.533008
-		

# 3A1 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.526291
Aug 25, 2011	Sep 23, 2011	0.518864
Sep 26, 2011	Oct 24, 2011	0.509862
Oct 25, 2011	Nov 23, 2011	0.505856
Nov 25, 2011	Dec 23, 2011	0.495172
Dec 27, 2011	Jan 24, 2012	0.485752
Jan 25, 2012	Feb 24, 2012	0.477773
Feb 27, 2012	Mar 23, 2012	0.467684
Mar 26, 2012	Apr 24, 2012	0.459803
Apr 25, 2012	May 24, 2012	0.451364
May 25, 2012	Jun 22, 2012	0.436463
Jun 25, 2012	Jul 24, 2012	0.431651
Jul 25, 2012	Aug 24, 2012	0.423223
Aug 27, 2012	Sep 24, 2012	0.419447
Sep 25, 2012	Oct 24, 2012	0.415603
Oct 25, 2012	Nov 23, 2012	0.409784
Nov 26, 2012	Dec 24, 2012	0.398833
Dec 26, 2012	Jan 24, 2013	0.396657
Jan 25, 2013	Feb 22, 2013	0.387262
Feb 25, 2013	Mar 22, 2013	0.378619
Mar 25, 2013	Apr 24, 2013	0.374787
Apr 25, 2013	May 24, 2013	0.369792
May 28, 2013	Jun 24, 2013	0.358694
Jun 25, 2013	Jul 24, 2013	0.351687
Jul 25, 2013	Aug 23, 2013	0.340767
Aug 26, 2013	Sep 24, 2013	0.330825
Sep 25, 2013	Oct 24, 2013	0.322998
Oct 25, 2013	Nov 22, 2013	0.315341
Nov 25, 2013	Dec 24, 2013	0.312067
Dec 26, 2013	Jan 24, 2014	0.306717
Jan 27, 2014	Feb 24, 2014	0.303372
Feb 25, 2014	Mar 24, 2014	0.299276
Mar 25, 2014	Apr 24, 2014	0.295901
Apr 25, 2014	May 23, 2014	0.287774
May 27, 2014	Jun 24, 2014	0.281605
Jun 25, 2014	Jul 24, 2014	0.278023
Jul 25, 2014	Aug 22, 2014	0.277052
Aug 25, 2014	Sep 24, 2014	0.270916
Sep 25, 2014	Oct 24, 2014	0.264861
Oct 27, 2014	Nov 24, 2014	0.259127
Nov 25, 2014	Dec 24, 2014	0.256395
Dec 26, 2014	Jan 23, 2015	0.253888
Jan 26, 2015	Feb 24, 2015	0.247817
Feb 25, 2015	Mar 24, 2015	0.246989
Mar 25, 2015	Apr 24, 2015	0.244531
Apr 27, 2015	May 22, 2015	0.240282
May 26, 2015	Jun 24, 2015	0.238006
Jun 25, 2015		0.233071

# 3A2 Certificate Factor Chart

From	То	<u>Factor</u>
<u> </u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.990426
Jun 25, 2007	Jul 24, 2007	0.978411
Jul 25, 2007	Aug 24, 2007	0.970203
Aug 27, 2007	Sep 24, 2007	
Sep 25, 2007	Oct 24, 2007	0.965431
Oct 25, 2007	Nov 23, 2007	0.964034
Nov 26, 2007	Dec 24, 2007	0.955523
Dec 26, 2007	Jan 24, 2008	0.947492
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	0.944143
Mar 25, 2008	Apr 24, 2008	0.932995
Apr 25, 2008	May 23, 2008	0.928525
May 27, 2008	Jun 24, 2008	0.923239
Jun 25, 2008	Jul 24, 2008	0.914275
Jul 25, 2008	Aug 22, 2008	0.902555
Aug 25, 2008	Sep 24, 2008	0.891349
Sep 25, 2008	Oct 24, 2008	0.884079
Oct 27, 2008	Nov 24, 2008	0.871559
Nov 25, 2008	Dec 24, 2008	0.869178
Dec 26, 2008	Jan 23, 2009	0.863449
Jan 26, 2009	Feb 24, 2009	0.858824
Feb 25, 2009	Mar 24, 2009	0.849421
Mar 25, 2009	Apr 24, 2009	0.838875
Apr 27, 2009	·	0.818014
·	May 22, 2009	0.797095
May 26, 2009	Jun 24, 2009	0.772844
Jun 25, 2009 Jul 27, 2009	Jul 24, 2009 Aug 24, 2009	0.737559
		0.708640
Aug 25, 2009	Sep 24, 2009	0.685290
Sep 25, 2009	Oct 23, 2009	0.680247
Oct 26, 2009	Nov 24, 2009	0.672272
Nov 25, 2009	Dec 24, 2009	0.657515
Dec 28, 2009	Jan 22, 2010	0.643928
Jan 25, 2010	Feb 24, 2010	0.629071
Feb 25, 2010	Mar 24, 2010	0.621738
Mar 25, 2010	Apr 23, 2010	0.611205
Apr 26, 2010	May 24, 2010	0.603510
May 25, 2010	Jun 24, 2010	0.589451
Jun 25, 2010	Jul 23, 2010	0.583248
Jul 26, 2010	Aug 24, 2010	0.576537
Aug 25, 2010	Sep 24, 2010	0.560776
Sep 27, 2010	Oct 22, 2010	0.545791
Oct 25, 2010	Nov 24, 2010	0.534848
Nov 26, 2010	Dec 23, 2010	0.516749
Dec 27, 2010  Jan 25, 2011	Jan 24, 2011 Feb 24, 2011	0.493252
Feb 25, 2011	Mar 24, 2011	0.457637
Mar 25, 2011	Apr 22, 2011	0.443112
Apr 25, 2011	May 24, 2011	0.423568
May 25, 2011	Jun 24, 2011	0.405361
Jun 27, 2011	Jul 22, 2011	0.390753
Jun 27, 2011	Jui 22, 2011	0.384023

# 3A2 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.375163
Aug 25, 2011	Sep 23, 2011	0.365367
Sep 26, 2011	Oct 24, 2011	0.353493
Oct 25, 2011	Nov 23, 2011	0.348209
Nov 25, 2011	Dec 23, 2011	0.334116
Dec 27, 2011	Jan 24, 2012	0.321691
Jan 25, 2012	Feb 24, 2012	0.311166
Feb 27, 2012	Mar 23, 2012	0.297858
Mar 26, 2012	Apr 24, 2012	0.287463
Apr 25, 2012	May 24, 2012	0.276332
May 25, 2012	Jun 22, 2012	0.261517
Jun 25, 2012	Jul 24, 2012	0.256274
Jul 25, 2012	Aug 24, 2012	0.247213
Aug 27, 2012	Sep 24, 2012	0.243165
Sep 25, 2012	Oct 24, 2012	0.239042
Oct 25, 2012	Nov 23, 2012	0.232682
Nov 26, 2012	Dec 24, 2012	0.220515
Dec 26, 2012	Jan 24, 2013	0.218296
Jan 25, 2013	Feb 22, 2013	0.207927
Feb 25, 2013	Mar 22, 2013	0.203286
Mar 25, 2013	Apr 24, 2013	0.201229
Apr 25, 2013	May 24, 2013	0.198547
May 28, 2013	Jun 24, 2013	0.192588
Jun 25, 2013	Jul 24, 2013	0.188826
Jul 25, 2013	Aug 23, 2013	0.182963
Aug 26, 2013	Sep 24, 2013	0.177625
Sep 25, 2013	Oct 24, 2013	0.173423
Oct 25, 2013	Nov 22, 2013	0.169311
Nov 25, 2013	Dec 24, 2013	0.167554
Dec 26, 2013	Jan 24, 2014	0.164681
Jan 27, 2014	Feb 24, 2014	0.162885
Feb 25, 2014	Mar 24, 2014	0.160686
Mar 25, 2014	Apr 24, 2014	0.158874
Apr 25, 2014	May 23, 2014	0.154510
May 27, 2014	Jun 24, 2014	0.151198
Jun 25, 2014	Jul 24, 2014	0.149275
Jul 25, 2014	Aug 22, 2014	0.148754
Aug 25, 2014	Sep 24, 2014	0.145459
Sep 25, 2014	Oct 24, 2014	0.142208
Oct 27, 2014	Nov 24, 2014	0.139129
Nov 25, 2014	Dec 24, 2014	0.137662
Dec 26, 2014	Jan 23, 2015	0.136316
Jan 26, 2015	Feb 24, 2015	0.133057
Feb 25, 2015	Mar 24, 2015	0.132612
Mar 25, 2015	Apr 24, 2015	0.131293
Apr 27, 2015	May 22, 2015	0.129011
May 26, 2015	Jun 24, 2015	0.127789
Jun 25, 2015		0.125139

# 3A3 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.989750
Jun 25, 2007	Jul 24, 2007	0.976887
Jul 25, 2007	Aug 24, 2007	0.968099
Aug 27, 2007	Sep 24, 2007	0.962991
Sep 25, 2007	Oct 24, 2007	0.961496
Oct 25, 2007	Nov 23, 2007	0.954825
Nov 26, 2007	Dec 24, 2007	0.952383
Dec 26, 2007	Jan 24, 2008	0.943785
Jan 25, 2008	Feb 22, 2008	0.940200
Feb 25, 2008	Mar 24, 2008	0.928265
Mar 25, 2008	Apr 24, 2008	0.923480
Apr 25, 2008	May 23, 2008	0.923480
May 27, 2008	Jun 24, 2008	
Jun 25, 2008	Jul 24, 2008	0.908224
Jul 25, 2008	Aug 22, 2008	0.895677
Aug 25, 2008	Sep 24, 2008	0.883680
Sep 25, 2008	Oct 24, 2008	0.875897
Oct 27, 2008	Nov 24, 2008	0.862493
Nov 25, 2008	Dec 24, 2008	0.859944
Dec 26, 2008	Jan 23, 2009	0.853810
Jan 26, 2009	Feb 24, 2009	0.848858
Feb 25, 2009	Mar 24, 2009	0.838792
Mar 25, 2009	Apr 24, 2009	0.827502
Apr 27, 2009	May 22, 2009	0.805168
May 26, 2009	Jun 24, 2009	0.782773
Jun 25, 2009	Jul 24, 2009	0.756810
Jul 27, 2009	Aug 24, 2009	0.719034
Aug 25, 2009	Sep 24, 2009	0.688073
Sep 25, 2009	Oct 23, 2009	0.663075
Oct 26, 2009	Nov 24, 2009	0.657677
Nov 25, 2009	Dec 24, 2009	0.649139
Dec 28, 2009	Jan 22, 2010	0.633340
Jan 25, 2010	Feb 24, 2010	0.618794
	Mar 24, 2010	0.602888
Feb 25, 2010	,	0.595038
Mar 25, 2010	Apr 23, 2010	0.583761
Apr 26, 2010 May 25, 2010	May 24, 2010 Jun 24, 2010	0.575523
	·	0.560472
Jun 25, 2010 Jul 26, 2010	Jul 23, 2010 Aug 24, 2010	0.553831
Aug 25, 2010	Sep 24, 2010	0.546646
Sep 27, 2010	Oct 22, 2010	0.529772
Oct 25, 2010	Nov 24, 2010	0.513729
Nov 26, 2010	Dec 23, 2010	0.502015
Dec 27, 2010	Jan 24, 2011	0.482638
Jan 25, 2011	Feb 24, 2011	0.457482
Feb 25, 2011	Mar 24, 2011	0.419354
Mar 25, 2011	Apr 22, 2011	0.403802 0.382879
Apr 25, 2011	May 24, 2011	0.382879
May 25, 2011	Jun 24, 2011	0.347748
Jun 27, 2011	Jul 22, 2011	0.340543
		2.0.00.0

# 3A3 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.331058
Aug 25, 2011	Sep 23, 2011	0.320570
Sep 26, 2011	Oct 24, 2011	0.307858
Oct 25, 2011	Nov 23, 2011	0.302201
Nov 25, 2011	Dec 23, 2011	0.287113
Dec 27, 2011	Jan 24, 2012	0.273811
Jan 25, 2012	Feb 24, 2012	0.262543
Feb 27, 2012	Mar 23, 2012	0.248296
Mar 26, 2012	Apr 24, 2012	0.237167
Apr 25, 2012	May 24, 2012	0.225250
May 25, 2012	Jun 22, 2012	0.209390
Jun 25, 2012	Jul 24, 2012	0.203777
Jul 25, 2012	Aug 24, 2012	0.194076
Aug 27, 2012	Sep 24, 2012	0.189742
Sep 25, 2012	Oct 24, 2012	0.185328
Oct 25, 2012	Nov 23, 2012	0.178520
Nov 26, 2012	Dec 24, 2012	0.165493
Dec 26, 2012	Jan 24, 2013	0.163118
Jan 25, 2013	Feb 22, 2013	0.152017
Feb 25, 2013	Mar 22, 2013	0.148624
Mar 25, 2013	Apr 24, 2013	0.147120
Apr 25, 2013	May 24, 2013	0.145159
May 28, 2013	Jun 24, 2013	0.140803
Jun 25, 2013	Jul 24, 2013	0.138052
Jul 25, 2013	Aug 23, 2013	0.133765
Aug 26, 2013	Sep 24, 2013	0.129863
Sep 25, 2013	Oct 24, 2013	0.126790
Oct 25, 2013	Nov 22, 2013	0.123785
Nov 25, 2013	Dec 24, 2013	0.122500
Dec 26, 2013	Jan 24, 2014	0.120399
Jan 27, 2014	Feb 24, 2014	0.119086
Feb 25, 2014	Mar 24, 2014	0.117479
Mar 25, 2014	Apr 24, 2014	0.116154
Apr 25, 2014	May 23, 2014	0.112963
May 27, 2014	Jun 24, 2014	0.110542
Jun 25, 2014	Jul 24, 2014	0.109136
Jul 25, 2014	Aug 22, 2014	0.108755
Aug 25, 2014	Sep 24, 2014	0.106346
Sep 25, 2014	Oct 24, 2014	0.103969
Oct 27, 2014	Nov 24, 2014	0.101718
Nov 25, 2014	Dec 24, 2014	0.100646
Dec 26, 2014	Jan 23, 2015	0.099662
Jan 26, 2015	Feb 24, 2015	0.097279
Feb 25, 2015	Mar 24, 2015	0.096953
Mar 25, 2015	Apr 24, 2015	0.095989
Apr 27, 2015	May 22, 2015	0.094321
May 26, 2015	Jun 24, 2015	0.093427
Jun 25, 2015		0.091490

# 3A4 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

# 3A4 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	0.977683
Mar 25, 2013	Apr 24, 2013	0.967787
Apr 25, 2013	May 24, 2013	0.954888
May 28, 2013	Jun 24, 2013	0.926232
Jun 25, 2013	Jul 24, 2013	0.908138
Jul 25, 2013	Aug 23, 2013	0.879940
Aug 26, 2013	Sep 24, 2013	0.854267
Sep 25, 2013	Oct 24, 2013	0.834057
Oct 25, 2013	Nov 22, 2013	0.814284
Nov 25, 2013	Dec 24, 2013	0.805830
Dec 26, 2013	Jan 24, 2014	0.792014
Jan 27, 2014	Feb 24, 2014	0.783376
Feb 25, 2014	Mar 24, 2014	0.772801
Mar 25, 2014	Apr 24, 2014	0.764085
Apr 25, 2014	May 23, 2014	0.743098
May 27, 2014	Jun 24, 2014	0.727169
Jun 25, 2014	Jul 24, 2014	0.717921
Jul 25, 2014	Aug 22, 2014	0.715414
Aug 25, 2014	Sep 24, 2014	0.699567
Sep 25, 2014	Oct 24, 2014	0.683932
Oct 27, 2014	Nov 24, 2014	0.669125
Nov 25, 2014	Dec 24, 2014	0.662072
Dec 26, 2014	Jan 23, 2015	0.655597
Jan 26, 2015	Feb 24, 2015	0.639920
Feb 25, 2015	Mar 24, 2015	0.637782
Mar 25, 2015	Apr 24, 2015	0.631436
Apr 27, 2015	May 22, 2015	0.620465
May 26, 2015	Jun 24, 2015	0.614587
Jun 25, 2015		0.601843

# 3A5 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

# 3A5 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	0.977683
Mar 25, 2013	Apr 24, 2013	0.967787
Apr 25, 2013	May 24, 2013	0.954888
May 28, 2013	Jun 24, 2013	0.926232
Jun 25, 2013	Jul 24, 2013	0.908138
Jul 25, 2013	Aug 23, 2013	0.879940
Aug 26, 2013	Sep 24, 2013	0.854267
Sep 25, 2013	Oct 24, 2013	0.834057
Oct 25, 2013	Nov 22, 2013	0.814284
Nov 25, 2013	Dec 24, 2013	0.805830
Dec 26, 2013	Jan 24, 2014	0.792014
Jan 27, 2014	Feb 24, 2014	0.783376
Feb 25, 2014	Mar 24, 2014	0.772801
Mar 25, 2014	Apr 24, 2014	0.764085
Apr 25, 2014	May 23, 2014	0.743098
May 27, 2014	Jun 24, 2014	0.727169
Jun 25, 2014	Jul 24, 2014	0.717921
Jul 25, 2014	Aug 22, 2014	0.715414
Aug 25, 2014	Sep 24, 2014	0.699567
Sep 25, 2014	Oct 24, 2014	0.683932
Oct 27, 2014	Nov 24, 2014	0.669125
Nov 25, 2014	Dec 24, 2014	0.662072
Dec 26, 2014	Jan 23, 2015	0.655597
Jan 26, 2015	Feb 24, 2015	0.639920
Feb 25, 2015	Mar 24, 2015	0.637782
Mar 25, 2015	Apr 24, 2015	0.631436
Apr 27, 2015	May 22, 2015	0.620465
May 26, 2015	Jun 24, 2015	0.614587
Jun 25, 2015		0.601843

# 3A6 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

# 3A6 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	1.000000
Jun 25, 2012	Jul 24, 2012	1.000000
Jul 25, 2012	Aug 24, 2012	1.000000
Aug 27, 2012	Sep 24, 2012	1.000000
Sep 25, 2012	Oct 24, 2012	1.000000
Oct 25, 2012	Nov 23, 2012	1.000000
Nov 26, 2012	Dec 24, 2012	1.000000
Dec 26, 2012	Jan 24, 2013	1.000000
Jan 25, 2013	Feb 22, 2013	1.000000
Feb 25, 2013	Mar 22, 2013	0.977683
Mar 25, 2013	Apr 24, 2013	0.967787
Apr 25, 2013	May 24, 2013	0.954888
May 28, 2013	Jun 24, 2013	0.926232
Jun 25, 2013	Jul 24, 2013	0.908138
Jul 25, 2013	Aug 23, 2013	0.879940
Aug 26, 2013	Sep 24, 2013	0.854267
Sep 25, 2013	Oct 24, 2013	0.834057
Oct 25, 2013	Nov 22, 2013	0.814284
Nov 25, 2013	Dec 24, 2013	0.805830
Dec 26, 2013	Jan 24, 2014	0.792014
Jan 27, 2014	Feb 24, 2014	0.783376
Feb 25, 2014	Mar 24, 2014	0.772801
Mar 25, 2014	Apr 24, 2014	0.764085
Apr 25, 2014	May 23, 2014	0.743098
May 27, 2014	Jun 24, 2014	0.727169
Jun 25, 2014	Jul 24, 2014	0.717921
Jul 25, 2014	Aug 22, 2014	0.715414
Aug 25, 2014	Sep 24, 2014	0.699567
Sep 25, 2014	Oct 24, 2014	0.683932
Oct 27, 2014	Nov 24, 2014	0.669125
Nov 25, 2014	Dec 24, 2014	0.662072
Dec 26, 2014	Jan 23, 2015	0.655597
Jan 26, 2015	Feb 24, 2015	0.639920
Feb 25, 2015	Mar 24, 2015	0.637782
Mar 25, 2015	Apr 24, 2015	0.631436
Apr 27, 2015	May 22, 2015	0.620465
May 26, 2015	Jun 24, 2015	0.614587
Jun 25, 2015		0.601843

# 3A7 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

# 3A7 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	0.981652
Jun 25, 2012	Jul 24, 2012	0.977468
Jul 25, 2012	Aug 24, 2012	0.969675
Aug 27, 2012	Sep 24, 2012	0.966143
Sep 25, 2012	Oct 24, 2012	0.962549
Oct 25, 2012	Nov 23, 2012	0.957560
Nov 26, 2012	Dec 24, 2012	0.948930
Dec 26, 2012	Jan 24, 2013	0.946460
Jan 25, 2013	Feb 22, 2013	0.938790
Feb 25, 2013	Mar 22, 2013	0.920511
Mar 25, 2013	Apr 24, 2013	0.914785
Apr 25, 2013	May 24, 2013	0.903042
May 28, 2013	Jun 24, 2013	0.880264
Jun 25, 2013	Jul 24, 2013	0.863078
Jul 25, 2013	Aug 23, 2013	0.836773
Aug 26, 2013	Sep 24, 2013	0.812389
Sep 25, 2013	Oct 24, 2013	0.795986
Oct 25, 2013	Nov 22, 2013	0.777393
Nov 25, 2013	Dec 24, 2013	0.769601
Dec 26, 2013	Jan 24, 2014	0.756966
Jan 27, 2014	Feb 24, 2014	0.751641
Feb 25, 2014	Mar 24, 2014	0.743346
Mar 25, 2014	Apr 24, 2014	0.735266
Apr 25, 2014	May 23, 2014	0.716496
May 27, 2014	Jun 24, 2014	0.706744
Jun 25, 2014	Jul 24, 2014	0.698930
Jul 25, 2014	Aug 22, 2014	0.697411
Aug 25, 2014	Sep 24, 2014	0.683292
Sep 25, 2014	Oct 24, 2014	0.668333
Oct 27, 2014	Nov 24, 2014	0.655027
Nov 25, 2014	Dec 24, 2014	0.649807
Dec 26, 2014	Jan 23, 2015	0.643770
Jan 26, 2015	Feb 24, 2015	0.628693
Feb 25, 2015	Mar 24, 2015	0.626907
Mar 25, 2015	Apr 24, 2015	0.620990
Apr 27, 2015	May 22, 2015	0.611464
May 26, 2015	Jun 24, 2015	0.605981
Jun 25, 2015		0.594179

# 3A8 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	1.000000
Jun 25, 2007	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
		<del>.</del>

# 3A8 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	1.000000
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	1.000000
Mar 26, 2012	Apr 24, 2012	1.000000
Apr 25, 2012	May 24, 2012	1.000000
May 25, 2012	Jun 22, 2012	0.981652
Jun 25, 2012	Jul 24, 2012	0.977468
Jul 25, 2012	Aug 24, 2012	0.969675
Aug 27, 2012	Sep 24, 2012	0.966143
Sep 25, 2012	Oct 24, 2012	0.962549
Oct 25, 2012	Nov 23, 2012	0.957560
Nov 26, 2012	Dec 24, 2012	0.948930
Dec 26, 2012	Jan 24, 2013	0.946460
Jan 25, 2013	Feb 22, 2013	0.938790
Feb 25, 2013	Mar 22, 2013	0.880260
Mar 25, 2013	Apr 24, 2013	0.820858
Apr 25, 2013	May 24, 2013	0.803602
May 28, 2013	Jun 24, 2013	0.718701
Jun 25, 2013	Jul 24, 2013	0.704521
Jul 25, 2013	Aug 23, 2013	0.675695
Aug 26, 2013	Sep 24, 2013	0.655580
Sep 25, 2013	Oct 24, 2013	0.600451
Oct 25, 2013	Nov 22, 2013	0.582318
Nov 25, 2013	Dec 24, 2013	0.572361
Dec 26, 2013	Jan 24, 2014	0.554677
Jan 27, 2014	Feb 24, 2014	0.507408
Feb 25, 2014	Mar 24, 2014	0.474526
Mar 25, 2014	Apr 24, 2014	0.464893
Apr 25, 2014	May 23, 2014	0.432084
May 27, 2014	Jun 24, 2014	0.343984
Jun 25, 2014	Jul 24, 2014	0.323093
Jul 25, 2014	Aug 22, 2014	0.309008
Aug 25, 2014	Sep 24, 2014	0.283478
Sep 25, 2014	Oct 24, 2014	0.272741
Oct 27, 2014	Nov 24, 2014	0.250489
Nov 25, 2014	Dec 24, 2014	0.224149
Dec 26, 2014	Jan 23, 2015	0.217497
Jan 26, 2015	Feb 24, 2015	0.207828
Feb 25, 2015	Mar 24, 2015	0.202711
Mar 25, 2015	Apr 24, 2015	0.196190
Apr 27, 2015	May 22, 2015	0.175007
May 26, 2015	Jun 24, 2015	0.168997
Jun 25, 2015		0.154748

# 4A1 Certificate Factor Chart

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.971469
Jun 25, 2007	Jul 24, 2007	0.958209
Jul 25, 2007	Aug 24, 2007	0.950711
Aug 27, 2007	Sep 24, 2007	0.947244
Sep 25, 2007	Oct 24, 2007	0.946187
Oct 25, 2007	Nov 23, 2007	0.938513
Nov 26, 2007	Dec 24, 2007	0.937150
Dec 26, 2007	Jan 24, 2008	0.929197
Jan 25, 2008	Feb 22, 2008	0.926386
Feb 25, 2008	Mar 24, 2008	0.916766
Mar 25, 2008	Apr 24, 2008	0.914154
Apr 25, 2008	May 23, 2008	0.910991
May 27, 2008	Jun 24, 2008	0.903845
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	0.895184
Aug 25, 2008	Sep 24, 2008	0.889786
Sep 25, 2008	Oct 24, 2008	0.884776
Oct 27, 2008	Nov 24, 2008	0.880957
Nov 25, 2008	Dec 24, 2008	0.879617
Dec 26, 2008	Jan 23, 2009	0.877308
Jan 26, 2009	Feb 24, 2009	0.865341
Feb 25, 2009	Mar 24, 2009	0.863657
Mar 25, 2009	Apr 24, 2009	0.860235
Apr 27, 2009	May 22, 2009	0.845899
May 26, 2009	Jun 24, 2009	0.827437
Jun 25, 2009	Jul 24, 2009	0.814800
Jul 27, 2009	Aug 24, 2009	0.784197
Aug 25, 2009	Sep 24, 2009	0.767614
Sep 25, 2009	Oct 23, 2009	0.759001
Oct 26, 2009	Nov 24, 2009	0.755324
Nov 25, 2009		0.749608
Dec 28, 2009	Dec 24, 2009	0.726216
	Jan 22, 2010	0.714835
Jan 25, 2010	Feb 24, 2010	0.695610
Feb 25, 2010	Mar 24, 2010	0.688825
Mar 25, 2010	Apr 23, 2010	0.684504
Apr 26, 2010	May 24, 2010	0.682732
May 25, 2010	Jun 24, 2010	0.671317
Jun 25, 2010	Jul 23, 2010	0.667167
Jul 26, 2010	Aug 24, 2010 Sep 24, 2010	0.660574
Aug 25, 2010	<u> </u>	0.653770
Sep 27, 2010	Oct 22, 2010	0.646678
Oct 25, 2010	Nov 24, 2010	0.640861
Nov 26, 2010 Dec 27, 2010	Dec 23, 2010 Jan 24, 2011	0.633218
Jan 25, 2011	Feb 24, 2011	0.612082
Feb 25, 2011	Mar 24, 2011	0.594257
Mar 25, 2011	Apr 22, 2011	0.580132
Apr 25, 2011	May 24, 2011	0.576167
May 25, 2011	Jun 24, 2011	0.568546
Jun 27, 2011	Jul 22, 2011	0.563206
	· · · · · · · · · · · · · · · · · · ·	0.560739

# 4A1 Certificate Factor Chart

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.556694
Aug 25, 2011	Sep 23, 2011	0.554095
Sep 26, 2011	Oct 24, 2011	0.548219
Oct 25, 2011	Nov 23, 2011	0.546792
Nov 25, 2011	Dec 23, 2011	0.541526
Dec 27, 2011	Jan 24, 2012	0.534104
Jan 25, 2012	Feb 24, 2012	0.527599
Feb 27, 2012	Mar 23, 2012	0.521101
Mar 26, 2012	Apr 24, 2012	0.513048
Apr 25, 2012	May 24, 2012	0.508025
May 25, 2012	Jun 22, 2012	0.495328
Jun 25, 2012	Jul 24, 2012	0.493786
Jul 25, 2012	Aug 24, 2012	0.485022
Aug 27, 2012	Sep 24, 2012	0.483691
Sep 25, 2012	Oct 24, 2012	0.481435
Oct 25, 2012	Nov 23, 2012	0.478620
Nov 26, 2012	Dec 24, 2012	0.471295
Dec 26, 2012	Jan 24, 2013	0.471107
Jan 25, 2013	Feb 22, 2013	0.460866
Feb 25, 2013	Mar 22, 2013	0.457048
Mar 25, 2013	Apr 24, 2013	0.445216
Apr 25, 2013	May 24, 2013	0.439289
May 28, 2013	Jun 24, 2013	0.436161
Jun 25, 2013	Jul 24, 2013	0.404484
Jul 25, 2013	Aug 23, 2013	0.395447
Aug 26, 2013	Sep 24, 2013	0.388903
Sep 25, 2013	Oct 24, 2013	0.379820
Oct 25, 2013	Nov 22, 2013	0.376622
Nov 25, 2013	Dec 24, 2013	0.374058
Dec 26, 2013	Jan 24, 2014	0.368057
Jan 27, 2014	Feb 24, 2014	0.362484
Feb 25, 2014	Mar 24, 2014	0.359404
Mar 25, 2014	Apr 24, 2014	0.354144
Apr 25, 2014	May 23, 2014	0.345121
May 27, 2014	Jun 24, 2014	0.344921
Jun 25, 2014	Jul 24, 2014	0.338758
Jul 25, 2014	Aug 22, 2014	0.338246
Aug 25, 2014	Sep 24, 2014	0.335727
Sep 25, 2014	Oct 24, 2014	0.325030
Oct 27, 2014	Nov 24, 2014	0.317834
Nov 25, 2014	Dec 24, 2014	0.315498
Dec 26, 2014	Jan 23, 2015	0.315274
Jan 26, 2015	Feb 24, 2015	0.308075
Feb 25, 2015	Mar 24, 2015	0.306362
Mar 25, 2015	Apr 24, 2015	0.304460
Apr 27, 2015	May 22, 2015	0.300719
May 26, 2015	Jun 24, 2015	0.298227
Jun 25, 2015		0.290853

# 4A2 Certificate Factor Chart

From	То	<u>Factor</u>
<u>110111</u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.971469
Jun 25, 2007	Jul 24, 2007	0.958209
Jul 25, 2007	Aug 24, 2007	0.950711
Aug 27, 2007	Sep 24, 2007	0.947244
Sep 25, 2007	Oct 24, 2007	0.946187
Oct 25, 2007	Nov 23, 2007	0.938513
Nov 26, 2007	Dec 24, 2007	0.937151
Dec 26, 2007	Jan 24, 2008	0.929197
Jan 25, 2008	Feb 22, 2008	
Feb 25, 2008	Mar 24, 2008	0.926386
Mar 25, 2008	Apr 24, 2008	0.916766
Apr 25, 2008	May 23, 2008	0.914154
May 27, 2008	Jun 24, 2008	0.910992
Jun 25, 2008	Jul 24, 2008	0.903845
Jul 25, 2008	Aug 22, 2008	0.895184
Aug 25, 2008	Sep 24, 2008	0.889786
Sep 25, 2008	Oct 24, 2008	0.884776
Oct 27, 2008	Nov 24, 2008	0.880957
Nov 25, 2008	Dec 24, 2008	0.879617
Dec 26, 2008	Jan 23, 2009	0.877308
Jan 26, 2009	Feb 24, 2009	0.865341
Feb 25, 2009	Mar 24, 2009	0.863657
Mar 25, 2009	Apr 24, 2009	0.860235
Apr 27, 2009	<u> </u>	0.845899
·	May 22, 2009	0.827437
May 26, 2009	Jun 24, 2009	0.814800
Jun 25, 2009	Jul 24, 2009	0.784197
Jul 27, 2009	Aug 24, 2009	0.767614
Aug 25, 2009	Sep 24, 2009	0.759001
Sep 25, 2009	Oct 23, 2009	0.755324
Oct 26, 2009	Nov 24, 2009	0.749608
Nov 25, 2009	Dec 24, 2009	0.726216
Dec 28, 2009	Jan 22, 2010	0.714835
Jan 25, 2010	Feb 24, 2010	0.695610
Feb 25, 2010	Mar 24, 2010	0.688825
Mar 25, 2010	Apr 23, 2010	0.684504
Apr 26, 2010	May 24, 2010	0.682732
May 25, 2010	Jun 24, 2010	0.671317
Jun 25, 2010	Jul 23, 2010	0.667167
Jul 26, 2010	Aug 24, 2010	0.660574
Aug 25, 2010	Sep 24, 2010	0.653770
Sep 27, 2010	Oct 22, 2010	0.646678
Oct 25, 2010	Nov 24, 2010	0.640861
Nov 26, 2010	Dec 23, 2010	0.633218
Dec 27, 2010  Jan 25, 2011	Jan 24, 2011 Feb 24, 2011	0.612082
Feb 25, 2011	Mar 24, 2011	0.594257
Mar 25, 2011	Apr 22, 2011	0.580132
Apr 25, 2011	May 24, 2011	0.576167
May 25, 2011	Jun 24, 2011	0.568546
Jun 27, 2011	Jul 22, 2011	0.563206
Jun 27, 2011	Jui 22, 2011	0.560739

# 4A2 Certificate Factor Chart

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.556694
Aug 25, 2011	Sep 23, 2011	0.554095
Sep 26, 2011	Oct 24, 2011	0.548219
Oct 25, 2011	Nov 23, 2011	0.546792
Nov 25, 2011	Dec 23, 2011	0.541526
Dec 27, 2011	Jan 24, 2012	0.534104
Jan 25, 2012	Feb 24, 2012	0.527599
Feb 27, 2012	Mar 23, 2012	0.521101
Mar 26, 2012	Apr 24, 2012	0.513048
Apr 25, 2012	May 24, 2012	0.508025
May 25, 2012	Jun 22, 2012	0.495328
Jun 25, 2012	Jul 24, 2012	0.493786
Jul 25, 2012	Aug 24, 2012	0.485022
Aug 27, 2012	Sep 24, 2012	0.483691
Sep 25, 2012	Oct 24, 2012	0.481435
Oct 25, 2012	Nov 23, 2012	0.478620
Nov 26, 2012	Dec 24, 2012	0.471295
Dec 26, 2012	Jan 24, 2013	0.471107
Jan 25, 2013	Feb 22, 2013	0.460866
Feb 25, 2013	Mar 22, 2013	0.457048
Mar 25, 2013	Apr 24, 2013	0.445216
Apr 25, 2013	May 24, 2013	0.439289
May 28, 2013	Jun 24, 2013	0.436161
Jun 25, 2013	Jul 24, 2013	0.404484
Jul 25, 2013	Aug 23, 2013	0.395447
Aug 26, 2013	Sep 24, 2013	0.388903
Sep 25, 2013	Oct 24, 2013	0.379820
Oct 25, 2013	Nov 22, 2013	0.376622
Nov 25, 2013	Dec 24, 2013	0.374058
Dec 26, 2013	Jan 24, 2014	0.368057
Jan 27, 2014	Feb 24, 2014	0.362484
Feb 25, 2014	Mar 24, 2014	0.359404
Mar 25, 2014	Apr 24, 2014	0.354144
Apr 25, 2014	May 23, 2014	0.345121
May 27, 2014	Jun 24, 2014	0.344921
Jun 25, 2014	Jul 24, 2014	0.338758
Jul 25, 2014	Aug 22, 2014	0.338246
Aug 25, 2014	Sep 24, 2014	0.335727
Sep 25, 2014	Oct 24, 2014	0.325030
Oct 27, 2014	Nov 24, 2014	0.317834
Nov 25, 2014	Dec 24, 2014	0.315498
Dec 26, 2014	Jan 23, 2015	0.315274
Jan 26, 2015	Feb 24, 2015	0.308075
Feb 25, 2015	Mar 24, 2015	0.306362
Mar 25, 2015	Apr 24, 2015	0.304460
Apr 27, 2015	May 22, 2015	0.300719
May 26, 2015	Jun 24, 2015	0.298227
Jun 25, 2015		0.290853

#### **AX Certificate Factor Chart**

<u>From</u>	<u>To</u>	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.999316
Jun 25, 2007	Jul 24, 2007	0.998632
Jul 25, 2007	Aug 24, 2007	0.997940
Aug 27, 2007	Sep 24, 2007	0.997245
Sep 25, 2007	Oct 24, 2007	0.996546
Oct 25, 2007	Nov 23, 2007	0.995843
Nov 26, 2007	Dec 24, 2007	0.995134
Dec 26, 2007	Jan 24, 2008	0.994422
Jan 25, 2008	Feb 22, 2008	0.993705
Feb 25, 2008	Mar 24, 2008	0.992983
Mar 25, 2008	Apr 24, 2008	0.992366
Apr 25, 2008	May 23, 2008	
May 27, 2008	Jun 24, 2008	0.991522
Jun 25, 2008	Jul 24, 2008	0.990786
Jul 25, 2008	Aug 22, 2008	0.990044
Aug 25, 2008	Sep 24, 2008	0.989298
Sep 25, 2008	Oct 24, 2008	0.988546
Oct 27, 2008	Nov 24, 2008	0.987790
Nov 25, 2008	Dec 24, 2008	0.987029
·	<u> </u>	0.986262
Dec 26, 2008	Jan 23, 2009	0.985490
Jan 26, 2009	Feb 24, 2009	0.984713
Feb 25, 2009	Mar 24, 2009	0.983931
Mar 25, 2009	Apr 24, 2009	0.983144
Apr 27, 2009	May 22, 2009	0.955291
May 26, 2009	Jun 24, 2009	0.954519
Jun 25, 2009	Jul 24, 2009	0.953742
Jul 27, 2009	Aug 24, 2009	0.952924
Aug 25, 2009	Sep 24, 2009	0.952137
Sep 25, 2009	Oct 23, 2009	0.951344
Oct 26, 2009	Nov 24, 2009	0.971044
Nov 25, 2009	Dec 24, 2009	0.969858
Dec 28, 2009	Jan 22, 2010	0.968667
Jan 25, 2010	Feb 24, 2010	0.967470
Feb 25, 2010	Mar 24, 2010	0.966267
Mar 25, 2010	Apr 23, 2010	0.965058
Apr 26, 2010	May 24, 2010	0.963843
May 25, 2010	Jun 24, 2010	0.962622
Jun 25, 2010	Jul 23, 2010	0.961396
Jul 26, 2010	Aug 24, 2010	0.945769
Aug 25, 2010	Sep 24, 2010	0.944547
Sep 27, 2010	Oct 22, 2010	0.943318
Oct 25, 2010	Nov 24, 2010	0.942084
Nov 26, 2010	Dec 23, 2010	0.940843
Dec 27, 2010	Jan 24, 2011	0.939597
Jan 25, 2011	Feb 24, 2011	0.938345
Feb 25, 2011	Mar 24, 2011	0.937086
Mar 25, 2011	Apr 22, 2011	0.935822
Apr 25, 2011	May 24, 2011	0.934551
May 25, 2011	Jun 24, 2011	0.933274
Jun 27, 2011	Jul 22, 2011	0.931992

#### **AX Certificate Factor Chart**

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.930702
Aug 25, 2011	Sep 23, 2011	0.929407
Sep 26, 2011	Oct 24, 2011	0.928105
Oct 25, 2011	Nov 23, 2011	0.926797
Nov 25, 2011	Dec 23, 2011	0.925483
Dec 27, 2011	Jan 24, 2012	0.924162
Jan 25, 2012	Feb 24, 2012	0.922835
Feb 27, 2012	Mar 23, 2012	0.921502
Mar 26, 2012	Apr 24, 2012	0.920162
Apr 25, 2012	May 24, 2012	0.943300
May 25, 2012	Jun 22, 2012	0.941695
Jun 25, 2012	Jul 24, 2012	0.939774
Jul 25, 2012	Aug 24, 2012	0.938156
Aug 27, 2012	Sep 24, 2012	0.936531
Sep 25, 2012	Oct 24, 2012	0.934899
Oct 25, 2012	Nov 23, 2012	0.933323
Nov 26, 2012	Dec 24, 2012	0.931491
Dec 26, 2012	Jan 24, 2013	0.929981
Jan 25, 2013	Feb 22, 2013	0.928475
Feb 25, 2013	Mar 22, 2013	0.926963
Mar 25, 2013	Apr 24, 2013	0.925445
Apr 25, 2013	May 24, 2013	0.923922
May 28, 2013	Jun 24, 2013	0.922376
Jun 25, 2013	Jul 24, 2013	0.206281
Jul 25, 2013	Aug 23, 2013	0.205317
Aug 26, 2013	Sep 24, 2013	0.204339
Sep 25, 2013	Oct 24, 2013	0.203358
Oct 25, 2013	Nov 22, 2013	0.202387
Nov 25, 2013	Dec 24, 2013	0.201076
Dec 26, 2013	Jan 24, 2014	0.200098
Jan 27, 2014	Feb 24, 2014	0.199118
Feb 25, 2014	Mar 24, 2014	0.198135
Mar 25, 2014	Apr 24, 2014	0.197141
Apr 25, 2014	May 23, 2014	0.196144
May 27, 2014	Jun 24, 2014	0.195154
Jun 25, 2014	Jul 24, 2014	0.194160
Jul 25, 2014	Aug 22, 2014	0.193164
Aug 25, 2014	Sep 24, 2014	0.192165
Sep 25, 2014	Oct 24, 2014	0.191164
Oct 27, 2014	Nov 24, 2014	0.190160
Nov 25, 2014	Dec 24, 2014	0.188816
Dec 26, 2014	Jan 23, 2015	0.187806
Jan 26, 2015	Feb 24, 2015	0.186793
Feb 25, 2015	Mar 24, 2015	0.185778
Mar 25, 2015	Apr 24, 2015	0.185126
Apr 27, 2015	May 22, 2015	0.185030
May 26, 2015	Jun 24, 2015	0.184933
Jun 25, 2015		0.184836

#### M1 Certificate Factor Chart

From	То	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.999042
Jun 25, 2007	Jul 24, 2007	0.998080
Jul 25, 2007	Aug 24, 2007	0.997114
Aug 27, 2007	Sep 24, 2007	0.996144
Sep 25, 2007	Oct 24, 2007	0.995168
Oct 25, 2007	Nov 23, 2007	0.994186
Nov 26, 2007	Dec 24, 2007	0.993197
Dec 26, 2007	Jan 24, 2008	0.992200
Jan 25, 2008	Feb 22, 2008	0.991196
Feb 25, 2008	Mar 24, 2008	0.990186
Mar 25, 2008	Apr 24, 2008	0.989169
Apr 25, 2008	May 23, 2008	0.988141
May 27, 2008	Jun 24, 2008	0.987107
Jun 25, 2008	Jul 24, 2008	
Jul 25, 2008	Aug 22, 2008	0.986067
Aug 25, 2008	Sep 24, 2008	0.985019
Sep 25, 2008	Oct 24, 2008	0.983965
Oct 27, 2008	Nov 24, 2008	0.982900
Nov 25, 2008	Dec 24, 2008	0.981827
Dec 26, 2008	Jan 23, 2009	0.980745
Jan 26, 2009	Feb 24, 2009	0.979656
Feb 25, 2009	Mar 24, 2009	0.978557
Mar 25, 2009	Apr 24, 2009	0.977458
Apr 27, 2009	May 22, 2009	0.976352
May 26, 2009	Jun 24, 2009	0.975243
Jun 25, 2009	Jul 24, 2009	0.974128
Jul 27, 2009	Aug 24, 2009	0.972998
Aug 25, 2009	Sep 24, 2009	0.971866
Sep 25, 2009	Oct 23, 2009	0.970729
		0.969592
Oct 26, 2009	Nov 24, 2009 Dec 24, 2009	0.968445
Nov 25, 2009 Dec 28, 2009	<u> </u>	0.967290
·	Jan 22, 2010	0.966121
Jan 25, 2010	Feb 24, 2010	0.964949
Feb 25, 2010	Mar 24, 2010	0.963770
Mar 25, 2010	Apr 23, 2010	0.962588
Apr 26, 2010	May 24, 2010	0.961401
May 25, 2010	Jun 24, 2010	0.960207
Jun 25, 2010	Jul 23, 2010	0.959003
Jul 26, 2010	Aug 24, 2010	0.957791
Aug 25, 2010	Sep 24, 2010	0.956578
Sep 27, 2010	Oct 22, 2010	0.955355
Oct 25, 2010	Nov 24, 2010	0.954126
Nov 26, 2010	Dec 23, 2010	0.952892
Dec 27, 2010  Jan 25, 2011	Jan 24, 2011 Feb 24, 2011	0.951653
Feb 25, 2011	Mar 24, 2011	0.950407
Mar 25, 2011	Apr 22, 2011	0.949144
Apr 25, 2011	May 24, 2011	0.947871
May 25, 2011	Jun 24, 2011	0.946577
Jun 27, 2011	Jul 22, 2011	0.945272
Juli 27, 2011	Jul 22, 2011	0.944460

Jul 25, 2011 Aug 24, 2011 0,944134  Aug 25, 2011 Sep 23, 2011 0,944134  Sep 26, 2011 Oct 24, 2011 0,944134  Oct 25, 2011 Nov 23, 2011 0,944134  Dec 27, 2011 Jan 24, 2012 0,944134  Dec 27, 2011 Jan 24, 2012 0,944134  Jan 25, 2012 Feb 24, 2012 0,944134  Feb 27, 2012 Mar 23, 2012 0,944134  Mar 26, 2012 Apr 24, 2012 0,944134  Apr 25, 2012 May 24, 2012 0,944134  May 25, 2012 Jul 24, 2012 0,944134  May 25, 2012 Jul 24, 2012 0,936852  Jun 25, 2012 Jul 24, 2012 0,866428  Jul 25, 2012 Jul 24, 2012 0,866428  Jul 25, 2012 Aug 24, 2012 0,459803  Sep 25, 2012 Oct 24, 2012 0,43924  Oct 25, 2012 Nov 23, 2012 0,439340  Nov 26, 2012 Dec 24, 2012 0,139850  Dec 26, 2012 Jan 24, 2013 0,128375  Jan 25, 2013 Feb 22, 2013 0,012027  Feb 25, 2013 Mar 22, 2013 0,000000  Mar 25, 2013 Apr 24, 2013 0,000000  Mar 25, 2013 Apr 24, 2013 0,000000  Apr 25, 2013 May 24, 2013 0,000000  Apr 25, 2013 Apr 24, 2013 0,000000  Apr 25, 2013 May 24, 2013 0,000000  Apr 25, 2013 Apr 24, 2014 0,000000  Apr 25, 2014 Apr 24, 2014 0,000000  Apr 27, 2014 Apr 24, 2014 0,000000  Apr 27, 2014 Apr 24, 2015 0,000000  Apr 27, 2015 May 22, 2015 0,000000  Apr 27, 2015 May 22, 2015 0,000	From	To	<u>Factor</u>
Aug 25, 2011 Sep 23, 2011 0.944134 Sep 26, 2011 Oct 24, 2011 0.944134 Oct 25, 2011 Nov 23, 2011 0.944134 Nov 25, 2011 Dec 23, 2011 0.944134 Dec 27, 2011 Jan 24, 2012 0.944134 Jan 25, 2012 Feb 24, 2012 0.944134 Feb 27, 2012 Mar 23, 2012 0.944134 Apr 25, 2012 Mar 23, 2012 0.944134 Apr 25, 2012 May 24, 2012 0.944134 Apr 25, 2012 May 24, 2012 0.944134 Apr 25, 2012 Jun 22, 2012 0.936852 Jun 25, 2012 Jul 24, 2012 0.9666428 Jul 25, 2012 Jul 24, 2012 0.670945 Aug 27, 2012 Sep 24, 2012 0.459803 Sep 25, 2012 Oct 24, 2012 0.433244 Oct 25, 2012 Nov 23, 2012 0.308323 Nov 26, 2012 Dec 24, 2012 0.143950 Dec 26, 2012 Jan 24, 2013 0.12027 Feb 25, 2013 Feb 22, 2013 0.012027 Feb 25, 2013 Mar 22, 2013 0.000000 Mar 25, 2013 May 24, 2013 0.000000 Mar 25, 2013 May 24, 2013 0.000000 Mar 25, 2013 May 24, 2013 0.000000 Mar 25, 2013 Jul 24, 2013 0.000000 Mar 25, 2013 Jul 24, 2013 0.000000 Mar 25, 2013 May 24, 2013 0.000000 Mar 25, 2013 Jul 24, 2013 0.000000 Mar 25, 2013 Jul 24, 2013 0.000000 Mar 25, 2013 May 24, 2013 0.000000 Mar 25, 2013 May 24, 2013 0.000000 Mar 25, 2013 Jul 24, 2013 0.000000 Mar 25, 2013 Jul 24, 2013 0.000000 Mar 26, 2013 Jul 24, 2014 0.000000 Mar 25, 2014 Mar 24, 2015 0.000000 Mar 25, 2015 Mar 24, 2015 0.000000 Mar 25, 2015 Mar		Aug 24, 2011	
Oct 25, 2011 Nov 23, 2011 0,944134  Nov 25, 2011 Dec 23, 2011 0,944134  Dec 27, 2011 Jan 24, 2012 0,944134  Jan 25, 2012 Feb 24, 2012 0,944134  Feb 27, 2012 Mar 23, 2012 0,944134  Mar 26, 2012 Apr 24, 2012 0,944134  Apr 25, 2012 May 24, 2012 0,944134  Mar 26, 2012 Apr 24, 2012 0,944134  May 25, 2012 Jun 22, 2012 0,936852  Jun 25, 2012 Jun 22, 2012 0,936852  Jun 25, 2012 Jul 24, 2012 0,866428  Jul 25, 2012 Aug 24, 2012 0,670945  Aug 27, 2012 Sep 24, 2012 0,459803  Sep 25, 2012 Oct 24, 2012 0,433244  Oct 25, 2012 Nov 23, 2012 0,308323  Nov 26, 2012 Dec 24, 2012 0,143950  Dec 26, 2012 Jan 24, 2013 0,128375  Jan 25, 2013 Feb 22, 2013 0,012027  Feb 25, 2013 Mar 22, 2013 0,000000  Mar 25, 2013 May 24, 2013 0,000000  Mar 25, 2013 May 24, 2013 0,000000  Mar 25, 2013 Jul 24, 2013 0,000000  May 28, 2013 Jun 24, 2013 0,000000  Jun 25, 2013 Jul 24, 2013 0,000000  Aug 26, 2013 Sep 24, 2013 0,000000  Sep 25, 2014 Aug 23, 2014 0,000000  Apr 25, 2014 Mar 24, 2014 0,000000  Jun 25, 2014 Mar 24, 2014 0,000000  Jun 25, 2014 Jun 24, 2014 0,000000  Apr 25, 2014 May 23, 2014 0,000000  Aug 25, 2014 Aug 22, 2014 0,000000  Aug 25, 2014 Sep 24, 2014 0,000000  Aug 25, 2014 Sep 24, 2014 0,000000  Aug 25, 2014 Jun 24, 2014 0,000000  Aug 25, 2014 Aug 22, 2014 0,000000  Apr 27, 2014 Feb 24, 2014 0,000000  Apr 27, 2014 Feb 24, 2014 0,000000  Apr 25, 2014 Jun 24, 2015 0,000000  Apr 27, 2015 Mar 24, 2015 0,000000  Apr 27, 2015 Mar 24, 2015 0,000000  Apr 27, 2015 Mar 24, 2015 0,00	Aug 25, 2011	Sep 23, 2011	
Nov 25, 2011 Dec 23, 2011 0,944134  Dec 27, 2011 Jan 24, 2012 0,944134  Jan 25, 2012 Feb 24, 2012 0,944134  Feb 27, 2012 Mar 23, 2012 0,944134  Mar 26, 2012 Apr 24, 2012 0,944134  Apr 25, 2012 May 24, 2012 0,944134  May 25, 2012 Jun 22, 2012 0,936852  Jun 25, 2012 Jun 22, 2012 0,866428  Jul 25, 2012 Aug 24, 2012 0,866428  Jul 25, 2012 Aug 24, 2012 0,866428  Jul 25, 2012 Aug 24, 2012 0,459803  Sep 25, 2012 Oct 24, 2012 0,459803  Sep 25, 2012 Oct 24, 2012 0,433244  Oct 25, 2012 Nov 23, 2012 0,133950  Dec 26, 2012 Dec 24, 2012 0,143950  Dec 26, 2012 Jan 24, 2013 0,128375  Jan 25, 2013 Feb 22, 2013 0,012027  Feb 25, 2013 Mar 22, 2013 0,000000  Mar 25, 2013 May 24, 2013 0,000000  Mar 25, 2013 May 24, 2013 0,000000  May 28, 2013 Jun 24, 2013 0,000000  Jun 25, 2013 Jul 24, 2013 0,000000  Aug 26, 2013 Sep 24, 2013 0,000000  Sep 25, 2013 Oct 24, 2013 0,000000  Aug 26, 2013 Dec 24, 2013 0,000000  Apr 25, 2013 Jan 24, 2014 0,000000  Apr 25, 2014 Mar 24, 2014 0,000000  Jun 25, 2014 May 23, 2014 0,000000  Apr 25, 2014 May 23, 2014 0,000000  Apr 25, 2014 Jun 24, 2014 0,000000  Aug 25, 2014 Sep 24, 2015 0,000000  Apr 27, 2015 May 22, 2015 0,000000  Apr 27, 2015 May 22, 2015 0,000000  Apr 27, 2015 May 22, 2015 0,00	Sep 26, 2011	Oct 24, 2011	0.944134
Dec 27, 2011 Jan 24, 2012 0.944134  Jan 25, 2012 Feb 24, 2012 0.944134  Feb 27, 2012 Mar 23, 2012 0.944134  Mar 26, 2012 Apr 24, 2012 0.944134  Apr 25, 2012 May 24, 2012 0.944134  Apr 25, 2012 Jun 22, 2012 0.936852  Jun 25, 2012 Jul 24, 2012 0.866428  Jul 25, 2012 Jul 24, 2012 0.670945  Aug 27, 2012 Sep 24, 2012 0.459803  Sep 25, 2012 Oct 24, 2012 0.433244  Oct 25, 2012 Nov 23, 2012 0.143950  Dec 26, 2012 Jan 24, 2013 0.000000  May 28, 2013 Jul 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  Jul 25, 2013 Jul 24, 2013 0.000000  Jul 25, 2013 Jul 24, 2013 0.000000  Jul 25, 2013 Jul 24, 2013 0.000000  Mar 25, 2013 May 24, 2013 0.000000  Mar 25, 2013 Jul 24, 2013 0.000000  May 28, 2013 Jul 24, 2013 0.000000  Jul 25, 2013 Jul 24, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Sep 25, 2014 Aug 23, 2014 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Apr 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Mar 24, 2014 0.000000  May 27, 2014 Feb 24, 2014 0.000000  May 27, 2014 Jul 24, 2014 0.000000  Apr 25, 2014 Mar 24, 2014 0.000000  Apr 25, 2014 Jul 24, 2014 0.000000  Apr 25, 2014 Sep 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  Apr 27, 2015 May 26, 2015 0.000000  Apr 27, 2015 May 26, 2015 0.000000	Oct 25, 2011	Nov 23, 2011	0.944134
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Dec 26, 2013  Jan 24, 2014  0.000000  Jan 27, 2014  Feb 24, 2014  0.000000  Mar 25, 2014  Apr 24, 2014  0.000000  May 27, 2014  Jun 24, 2014  0.000000  May 27, 2014  Jun 24, 2014  0.000000  Jun 25, 2014  Aug 22, 2014  Aug 22, 2014  0.000000  Aug 25, 2014  Sep 24, 2014  0.000000  Sep 25, 2014  Oct 24, 2014  0.000000  Nov 25, 2014  Nov 24, 2014  0.000000  Nov 25, 2014  Dec 26, 2014  Jan 23, 2015  0.000000  Jan 26, 2015  Feb 24, 2015  0.000000  May 26, 2015  May 22, 2015  0.000000  Aug 26, 2015  Jun 24, 2015  0.000000  Oct 27, 2015  May 22, 2015  0.000000  Oct 27, 2015  Oct 2000000  Oct 27, 2015  Oct 2000000  Oct 27, 2015  Oct 2015  Oct 201000000  Oct 27, 2015  Oct 2015  Oct 201000000  Oct 27, 2015  Oct 24, 20	Oct 25, 2013	Nov 22, 2013	0.000000
Jan 27, 2014 Feb 24, 2014 0.000000  Feb 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Apr 24, 2014 0.000000  Apr 25, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Aug 22, 2014 0.000000  Aug 25, 2014 Sep 24, 2014 0.000000  Sep 25, 2014 Oct 24, 2014 0.000000  Oct 27, 2014 Nov 24, 2014 0.000000  Nov 25, 2014 Dec 24, 2014 0.000000  Dec 26, 2014 Jan 23, 2015 0.000000  Jan 26, 2015 Feb 24, 2015 0.000000  May 27, 2015 May 22, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  May 26, 2015 Jun 24, 2015 0.000000	Nov 25, 2013	Dec 24, 2013	0.000000
Feb 25, 2014	Dec 26, 2013	Jan 24, 2014	0.000000
Mar 25, 2014	Jan 27, 2014	Feb 24, 2014	0.000000
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May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jul 25, 2014 Aug 22, 2014 0.000000  Aug 25, 2014 Sep 24, 2014 0.000000  Sep 25, 2014 Oct 24, 2014 0.000000  Oct 27, 2014 Nov 24, 2014 0.000000  Nov 25, 2014 Dec 24, 2014 0.000000  Dec 26, 2014 Jan 23, 2015 0.000000  Jan 26, 2015 Feb 24, 2015 0.000000  Mar 25, 2015 Mar 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  May 26, 2015 Jun 24, 2015 0.000000	Mar 25, 2014	Apr 24, 2014	0.000000
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Aug 25, 2014 Sep 24, 2014 0.000000  Sep 25, 2014 Oct 24, 2014 0.000000  Oct 27, 2014 Nov 24, 2014 0.000000  Nov 25, 2014 Dec 24, 2014 0.000000  Dec 26, 2014 Jan 23, 2015 0.000000  Jan 26, 2015 Feb 24, 2015 0.000000  Feb 25, 2015 Mar 24, 2015 0.000000  Mar 25, 2015 Apr 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  May 26, 2015 Jun 24, 2015 0.000000	Jun 25, 2014	Jul 24, 2014	0.000000
Sep 25, 2014         Oct 24, 2014         0.000000           Oct 27, 2014         Nov 24, 2014         0.000000           Nov 25, 2014         Dec 24, 2014         0.000000           Dec 26, 2014         Jan 23, 2015         0.000000           Jan 26, 2015         Feb 24, 2015         0.000000           Feb 25, 2015         Mar 24, 2015         0.000000           Mar 25, 2015         Apr 24, 2015         0.000000           Apr 27, 2015         May 22, 2015         0.000000           May 26, 2015         Jun 24, 2015         0.000000	Jul 25, 2014	Aug 22, 2014	0.000000
Oct 27, 2014 Nov 24, 2014 0.000000  Nov 25, 2014 Dec 24, 2014 0.000000  Dec 26, 2014 Jan 23, 2015 0.000000  Jan 26, 2015 Feb 24, 2015 0.000000  Feb 25, 2015 Mar 24, 2015 0.000000  Mar 25, 2015 Apr 24, 2015 0.000000  Apr 27, 2015 May 22, 2015 0.000000  May 26, 2015 Jun 24, 2015 0.000000	Aug 25, 2014	Sep 24, 2014	0.000000
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Dec 26, 2014         Jan 23, 2015         0.000000           Jan 26, 2015         Feb 24, 2015         0.000000           Feb 25, 2015         Mar 24, 2015         0.000000           Mar 25, 2015         Apr 24, 2015         0.000000           Apr 27, 2015         May 22, 2015         0.000000           May 26, 2015         Jun 24, 2015         0.000000	Oct 27, 2014	Nov 24, 2014	0.000000
Jan 26, 2015 Feb 24, 2015 0.000000 Feb 25, 2015 Mar 24, 2015 0.000000 Mar 25, 2015 Apr 24, 2015 0.000000 Apr 27, 2015 May 22, 2015 0.000000 May 26, 2015 Jun 24, 2015 0.000000	Nov 25, 2014	Dec 24, 2014	0.000000
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	May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015 0.000000			

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.999042
Jun 25, 2007	Jul 24, 2007	0.998080
Jul 25, 2007	Aug 24, 2007	0.997114
Aug 27, 2007	Sep 24, 2007	0.996144
Sep 25, 2007	Oct 24, 2007	0.995168
Oct 25, 2007	Nov 23, 2007	0.994186
Nov 26, 2007	Dec 24, 2007	0.993197
Dec 26, 2007	Jan 24, 2008	0.992200
Jan 25, 2008	Feb 22, 2008	0.991196
Feb 25, 2008	Mar 24, 2008	0.990186
Mar 25, 2008	Apr 24, 2008	0.989169
Apr 25, 2008	May 23, 2008	0.988141
May 27, 2008	Jun 24, 2008	0.987107
Jun 25, 2008	Jul 24, 2008	0.986067
Jul 25, 2008	Aug 22, 2008	0.985019
Aug 25, 2008	Sep 24, 2008	0.983965
Sep 25, 2008	Oct 24, 2008	0.982900
Oct 27, 2008	Nov 24, 2008	0.981827
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	0.980745
Jan 26, 2009	Feb 24, 2009	0.979656
Feb 25, 2009	Mar 24, 2009	0.978557
Mar 25, 2009	Apr 24, 2009	0.977458
Apr 27, 2009	May 22, 2009	0.976352
May 26, 2009	Jun 24, 2009	0.975243
Jun 25, 2009	Jul 24, 2009	0.974128
Jul 27, 2009	Aug 24, 2009	0.972998
Aug 25, 2009	Sep 24, 2009	0.971866
Sep 25, 2009	Oct 23, 2009	0.970729
Oct 26, 2009	Nov 24, 2009	0.969592
Nov 25, 2009	Dec 24, 2009	0.968445
Dec 28, 2009	Jan 22, 2010	0.967290
Jan 25, 2010	Feb 24, 2010	0.966121
Feb 25, 2010	Mar 24, 2010	0.964949
Mar 25, 2010	Apr 23, 2010	0.963770
Apr 26, 2010	May 24, 2010	0.962588
May 25, 2010	Jun 24, 2010	0.961401
Jun 25, 2010	Jul 23, 2010	0.960207 0.959003
Jul 26, 2010	Aug 24, 2010	0.959003
Aug 25, 2010	Sep 24, 2010	0.956578
Sep 27, 2010	Oct 22, 2010	0.955894
Oct 25, 2010	Nov 24, 2010	0.955825
Nov 26, 2010	Dec 23, 2010	0.955144
Dec 27, 2010	Jan 24, 2011	0.955144
Jan 25, 2011	Feb 24, 2011	0.955144
Feb 25, 2011	Mar 24, 2011	0.955144
Mar 25, 2011	Apr 22, 2011	0.888334
Apr 25, 2011	May 24, 2011	0.833997
May 25, 2011	Jun 24, 2011	0.770339
Jun 27, 2011	Jul 22, 2011	0.749404

Jul 25, 2011 Aug 24, 2011 0.674484  Aug 25, 2011 Sep 23, 2011 0.648665  Sep 26, 2011 Oct 24, 2011 0.607953  Oct 25, 2011 Nov 23, 2011 0.508058  Nov 25, 2011 Dec 23, 2011 0.417335  Dec 27, 2011 Jan 24, 2012 0.359432  Jan 25, 2012 Feb 24, 2012 0.329501  Feb 27, 2012 Mar 23, 2012 0.260404  Mar 26, 2012 Apr 24, 2012 0.134111  Apr 25, 2012 Jul 24, 2012 0.000000  Jul 25, 2012 Jul 24, 2012 0.000000  Jul 25, 2012 Aug 24, 2012 0.000000  Aug 27, 2012 Sep 24, 2012 0.000000  Dec 26, 2012 Jan 24, 2012 0.000000  Jan 25, 2013 Feb 24, 2012 0.000000  Dec 26, 2012 Jan 24, 2012 0.000000  Nov 26, 2012 Dec 24, 2012 0.000000  Dec 26, 2012 Jan 24, 2013 0.000000  Jan 25, 2013 Feb 22, 2013 0.000000  Mar 25, 2013 Mar 22, 2013 0.000000  Apr 25, 2013 Mar 22, 2013 0.000000  Mar 25, 2013 Mar 24, 2013 0.000000  Mar 25, 2013 Mar 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  Mar 25, 2013 Mar 24, 2013 0.000000  Mar 25, 2013 Mar 24, 2013 0.000000  Jul 25, 2013 Apr 24, 2013 0.000000  Mar 25, 2013 Mar 24, 2013 0.000000  Mar 25, 2013 Mar 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  Mar 25, 2013 May 24, 2013 0.000000  Jul 25, 2013 Jul 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  Aug 26, 2013 Jul 24, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Aug 26, 2013 Jul 24, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Aug 26, 2013 Jan 24, 2014 0.000000  Apr 25, 2013 Jan 24, 2014 0.000000  Apr 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Jul 24, 2014 0.000000  May 27, 2014 Jul 24, 2014 0.000000  Jul 25, 2014 Jul 24, 2014 0.000000	From	To	<u>Factor</u>
Aug 25, 2011 Sep 23, 2011 0.648665  Sep 26, 2011 Oct 24, 2011 0.607953  Oct 25, 2011 Nov 23, 2011 0.508058  Nov 25, 2011 Dec 23, 2011 0.417335  Dec 27, 2011 Jan 24, 2012 0.359432  Jan 25, 2012 Feb 24, 2012 0.329501  Feb 27, 2012 Mar 23, 2012 0.260404  Mar 26, 2012 Apr 24, 2012 0.134111  Apr 25, 2012 May 24, 2012 0.101048  May 25, 2012 Jun 22, 2012 0.000000  Jun 25, 2012 Jul 24, 2012 0.000000  Jun 25, 2012 Jul 24, 2012 0.000000  Jul 25, 2012 Aug 24, 2012 0.000000  Aug 27, 2012 Sep 24, 2012 0.000000  Sep 25, 2012 Oct 24, 2012 0.000000  Oct 25, 2012 Nov 23, 2012 0.000000  Nov 26, 2012 Dec 24, 2012 0.000000  Dec 26, 2012 Jan 24, 2013 0.000000  Jan 25, 2013 Feb 22, 2013 0.000000  Feb 25, 2013 Mar 22, 2013 0.000000  Mar 25, 2013 May 24, 2013 0.000000  Mar 25, 2013 May 24, 2013 0.000000  Apr 25, 2013 Jul 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 May 24, 2013 0.000000  Aug 26, 2012 Jan 24, 2013 0.000000  May 28, 2013 Jul 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Aug 26, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Aug 23, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Aug 26, 2013 Jan 24, 2014 0.000000  Peb 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000		Aug 24, 2011	
Oct 25, 2011         Nov 23, 2011         0.508058           Nov 25, 2011         Dec 23, 2011         0.417335           Dec 27, 2011         Jan 24, 2012         0.359432           Jan 25, 2012         Feb 24, 2012         0.329501           Feb 27, 2012         Mar 23, 2012         0.260404           Mar 26, 2012         Apr 24, 2012         0.134111           Apr 25, 2012         May 24, 2012         0.101048           May 25, 2012         Jun 22, 2012         0.000000           Jun 25, 2012         Jul 24, 2012         0.000000           Jul 25, 2012         Aug 24, 2012         0.000000           Aug 27, 2012         Sep 24, 2012         0.000000           Sep 25, 2012         Oct 24, 2012         0.000000           Oct 25, 2012         Nov 23, 2012         0.000000           Nov 26, 2012         Dec 24, 2012         0.000000           Nov 26, 2012         Jan 24, 2013         0.000000           Dec 26, 2012         Jan 24, 2013         0.000000           Jan 25, 2013         Mar 22, 2013         0.000000           Mar 25, 2013         May 24, 2013         0.000000           Mar 25, 2013         May 24, 2013         0.000000           May 28, 2013 <t< td=""><td>Aug 25, 2011</td><td>Sep 23, 2011</td><td></td></t<>	Aug 25, 2011	Sep 23, 2011	
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Dec 27, 2011 Jan 24, 2012 0.359432  Jan 25, 2012 Feb 24, 2012 0.329501  Feb 27, 2012 Mar 23, 2012 0.260404  Mar 26, 2012 Apr 24, 2012 0.134111  Apr 25, 2012 May 24, 2012 0.101048  May 25, 2012 Jun 22, 2012 0.000000  Jun 25, 2012 Jul 24, 2012 0.000000  Jul 25, 2012 Aug 24, 2012 0.000000  Aug 27, 2012 Sep 24, 2012 0.000000  Sep 25, 2012 Oct 24, 2012 0.000000  Nov 26, 2012 Dec 24, 2012 0.000000  Dec 26, 2012 Jan 24, 2013 0.000000  Jan 25, 2013 Feb 22, 2013 0.000000  Mar 25, 2013 Mar 22, 2013 0.000000  Mar 25, 2013 Mar 22, 2013 0.000000  Apr 25, 2013 Mar 24, 2013 0.000000  Mar 25, 2013 Mar 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  Jun 25, 2013 Jun 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Jun 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  Apr 25, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Jun 24, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  Mar 25, 2014 Mar 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 May 23, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000	Oct 25, 2011	Nov 23, 2011	0.508058
Jan 25, 2012	Nov 25, 2011	Dec 23, 2011	0.417335
Feb 27, 2012 Mar 23, 2012 0.260404  Mar 26, 2012 Apr 24, 2012 0.134111  Apr 25, 2012 May 24, 2012 0.000000  Jun 25, 2012 Jun 22, 2012 0.000000  Jun 25, 2012 Jun 22, 2012 0.000000  Jun 25, 2012 Aug 24, 2012 0.000000  Aug 27, 2012 Sep 24, 2012 0.000000  Sep 25, 2012 Oct 24, 2012 0.000000  Nov 26, 2012 Dec 24, 2012 0.000000  Dec 26, 2012 Jan 24, 2013 0.000000  Jan 25, 2013 Feb 22, 2013 0.000000  Mar 25, 2013 Mar 22, 2013 0.000000  Mar 25, 2013 May 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Jun 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Jun 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Aug 23, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Sep 25, 2013 Oct 24, 2013 0.000000  Oct 25, 2013 Nov 22, 2013 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Dec 26, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Mar 24, 2014 0.000000  May 27, 2014 Feb 24, 2014 0.000000  May 27, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000	Dec 27, 2011	Jan 24, 2012	0.359432
Mar 26, 2012	Jan 25, 2012	Feb 24, 2012	0.329501
Apr 25, 2012 May 24, 2012 0.101048  May 25, 2012 Jun 22, 2012 0.000000  Jun 25, 2012 Jul 24, 2012 0.000000  Jul 25, 2012 Aug 24, 2012 0.000000  Aug 27, 2012 Sep 24, 2012 0.000000  Sep 25, 2012 Oct 24, 2012 0.000000  Nov 26, 2012 Dec 24, 2012 0.000000  Dec 26, 2012 Jan 24, 2013 0.000000  Jan 25, 2013 Feb 22, 2013 0.000000  Mar 25, 2013 Mar 22, 2013 0.000000  Mar 25, 2013 May 24, 2013 0.000000  May 28, 2013 Apr 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 May 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 May 24, 2013 0.000000  Jun 25, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Aug 23, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Sep 25, 2013 Oct 24, 2013 0.000000  Nov 25, 2013 Dec 24, 2013 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  May 27, 2014 May 23, 2014 0.000000  May 27, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  May 27, 2014 May 23, 2014 0.000000  Jun 25, 2014 May 23, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000	Feb 27, 2012	Mar 23, 2012	0.260404
May 25, 2012         Jun 22, 2012         0.000000           Jun 25, 2012         Jul 24, 2012         0.000000           Jul 25, 2012         Aug 24, 2012         0.000000           Aug 27, 2012         Sep 24, 2012         0.000000           Sep 25, 2012         Oct 24, 2012         0.000000           Oct 25, 2012         Nov 23, 2012         0.000000           Nov 26, 2012         Dec 24, 2013         0.000000           Dec 26, 2012         Jan 24, 2013         0.000000           Jan 25, 2013         Feb 22, 2013         0.000000           Mar 25, 2013         Mar 22, 2013         0.000000           Mar 25, 2013         Apr 24, 2013         0.000000           May 28, 2013         Jun 24, 2013         0.000000           Jun 25, 2013         Jul 24, 2013         0.000000           Jul 25, 2013         Jul 24, 2013         0.000000           Jul 25, 2013         Jul 24, 2013         0.000000           Aug 26, 2013         Sep 24, 2013         0.000000           Sep 25, 2013         Oct 24, 2013         0.000000           Sep 25, 2013         Oct 24, 2013         0.000000           Nov 25, 2013         Nov 22, 2013         0.000000           Dec 26, 2013 <t< td=""><td>Mar 26, 2012</td><td>Apr 24, 2012</td><td>0.134111</td></t<>	Mar 26, 2012	Apr 24, 2012	0.134111
Jun 25, 2012 Jul 24, 2012 0.000000  Jul 25, 2012 Aug 24, 2012 0.000000  Aug 27, 2012 Sep 24, 2012 0.000000  Sep 25, 2012 Oct 24, 2012 0.000000  Nov 26, 2012 Dec 24, 2012 0.000000  Dec 26, 2012 Jan 24, 2013 0.000000  Jan 25, 2013 Feb 22, 2013 0.000000  Mar 25, 2013 Mar 22, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 May 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Aug 23, 2013 0.000000  Sep 25, 2013 Aug 23, 2013 0.000000  Sep 25, 2013 Oct 24, 2013 0.000000  Sep 25, 2013 Oct 24, 2013 0.000000  Oct 25, 2013 Nov 22, 2013 0.000000  Nov 25, 2013 Dec 24, 2013 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  May 27, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000	Apr 25, 2012	May 24, 2012	0.101048
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Aug 27, 2012 Sep 24, 2012 0.000000  Sep 25, 2012 Oct 24, 2012 0.000000  Oct 25, 2012 Nov 23, 2012 0.000000  Nov 26, 2012 Dec 24, 2012 0.000000  Dec 26, 2012 Jan 24, 2013 0.000000  Jan 25, 2013 Feb 22, 2013 0.000000  Mar 25, 2013 Mar 22, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 May 24, 2013 0.000000  Jun 25, 2013 Jul 24, 2013 0.000000  Jun 25, 2013 Jul 24, 2013 0.000000  Jun 25, 2013 Jul 24, 2013 0.000000  Jun 25, 2013 Aug 23, 2013 0.000000  Sep 25, 2013 Sep 24, 2013 0.000000  Oct 25, 2013 Nov 22, 2013 0.000000  Oct 25, 2013 Dec 24, 2013 0.000000  Nov 25, 2013 Dec 24, 2013 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  Mar 25, 2014 Mar 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000	Jun 25, 2012	Jul 24, 2012	0.000000
Sep 25, 2012         Oct 24, 2012         0.000000           Oct 25, 2012         Nov 23, 2012         0.000000           Nov 26, 2012         Dec 24, 2012         0.000000           Dec 26, 2012         Jan 24, 2013         0.000000           Jan 25, 2013         Feb 22, 2013         0.000000           Feb 25, 2013         Mar 22, 2013         0.000000           Mar 25, 2013         Apr 24, 2013         0.000000           Apr 25, 2013         May 24, 2013         0.000000           May 28, 2013         Jun 24, 2013         0.000000           Jun 25, 2013         Jul 24, 2013         0.000000           Jul 25, 2013         Aug 23, 2013         0.000000           Aug 26, 2013         Sep 24, 2013         0.000000           Sep 25, 2013         Oct 24, 2013         0.000000           Oct 25, 2013         Nov 22, 2013         0.000000           Nov 25, 2013         Dec 24, 2013         0.000000           Dec 26, 2013         Jan 24, 2014         0.000000           Jan 27, 2014         Feb 24, 2014         0.000000           Mar 25, 2014         Mar 24, 2014         0.000000           May 27, 2014         Jun 24, 2014         0.000000           Jun 25, 2014 <t< td=""><td>Jul 25, 2012</td><td>Aug 24, 2012</td><td>0.000000</td></t<>	Jul 25, 2012	Aug 24, 2012	0.000000
Oct 25, 2012 Nov 23, 2012 0.000000  Nov 26, 2012 Dec 24, 2012 0.000000  Dec 26, 2012 Jan 24, 2013 0.000000  Jan 25, 2013 Feb 22, 2013 0.000000  Mar 25, 2013 Mar 22, 2013 0.000000  Mar 25, 2013 Apr 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Jul 24, 2013 0.000000  Jul 25, 2013 Jul 24, 2013 0.000000  Jul 25, 2013 Aug 23, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Sep 25, 2013 Oct 24, 2013 0.000000  Oct 25, 2013 Nov 22, 2013 0.000000  Oct 25, 2013 Dec 24, 2013 0.000000  Nov 25, 2013 Dec 24, 2013 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  Mar 25, 2014 Mar 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000	Aug 27, 2012	Sep 24, 2012	0.000000
Nov 26, 2012         Dec 24, 2012         0.000000           Dec 26, 2012         Jan 24, 2013         0.000000           Jan 25, 2013         Feb 22, 2013         0.000000           Feb 25, 2013         Mar 22, 2013         0.000000           Mar 25, 2013         Apr 24, 2013         0.000000           May 28, 2013         Jun 24, 2013         0.000000           Jun 25, 2013         Jul 24, 2013         0.000000           Jul 25, 2013         Jul 24, 2013         0.000000           Aug 26, 2013         Sep 24, 2013         0.000000           Sep 25, 2013         Oct 24, 2013         0.000000           Oct 25, 2013         Nov 22, 2013         0.000000           Nov 25, 2013         Dec 24, 2013         0.000000           Nov 25, 2013         Dec 24, 2013         0.000000           Dec 26, 2013         Jan 24, 2014         0.000000           Jan 27, 2014         Feb 24, 2014         0.000000           Mar 25, 2014         Mar 24, 2014         0.000000           May 27, 2014         May 23, 2014         0.000000           May 27, 2014         Jul 24, 2014         0.000000           Jul 25, 2014         Jul 24, 2014         0.000000           Jul 25, 2014 <t< td=""><td>Sep 25, 2012</td><td>Oct 24, 2012</td><td>0.000000</td></t<>	Sep 25, 2012	Oct 24, 2012	0.000000
Dec 26, 2012 Jan 24, 2013 0.000000  Jan 25, 2013 Feb 22, 2013 0.000000  Mar 25, 2013 Mar 22, 2013 0.000000  Mar 25, 2013 Apr 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Jul 24, 2013 0.000000  Jun 25, 2013 Jul 24, 2013 0.000000  Jul 25, 2013 Aug 23, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Sep 25, 2013 Oct 24, 2013 0.000000  Oct 25, 2013 Nov 22, 2013 0.000000  Nov 25, 2013 Dec 24, 2013 0.000000  Nov 25, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  Mar 25, 2014 Mar 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000	Oct 25, 2012	Nov 23, 2012	0.000000
Jan 25, 2013 Feb 22, 2013 0.000000  Feb 25, 2013 Mar 22, 2013 0.000000  Mar 25, 2013 Apr 24, 2013 0.000000  Apr 25, 2013 May 24, 2013 0.000000  May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Jul 24, 2013 0.000000  Jul 25, 2013 Aug 23, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Sep 25, 2013 Oct 24, 2013 0.000000  Oct 25, 2013 Nov 22, 2013 0.000000  Oct 25, 2013 Dec 24, 2013 0.000000  Nov 25, 2013 Dec 24, 2013 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  Mar 25, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000	Nov 26, 2012	Dec 24, 2012	0.000000
Feb 25, 2013	Dec 26, 2012	Jan 24, 2013	0.000000
Mar 25, 2013	Jan 25, 2013	Feb 22, 2013	0.000000
Apr 25, 2013	Feb 25, 2013	Mar 22, 2013	0.000000
May 28, 2013 Jun 24, 2013 0.000000  Jun 25, 2013 Jul 24, 2013 0.000000  Jul 25, 2013 Aug 23, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Sep 25, 2013 Oct 24, 2013 0.000000  Oct 25, 2013 Nov 22, 2013 0.000000  Nov 25, 2013 Dec 24, 2013 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  Feb 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Apr 24, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000	Mar 25, 2013	Apr 24, 2013	0.000000
Jun 25, 2013 Jul 24, 2013 0.000000  Jul 25, 2013 Aug 23, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Sep 25, 2013 Oct 24, 2013 0.000000  Oct 25, 2013 Nov 22, 2013 0.000000  Nov 25, 2013 Dec 24, 2013 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  Feb 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Apr 24, 2014 0.000000  Apr 25, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000	Apr 25, 2013	May 24, 2013	0.000000
Jul 25, 2013 Aug 23, 2013 0.000000  Aug 26, 2013 Sep 24, 2013 0.000000  Sep 25, 2013 Oct 24, 2013 0.000000  Oct 25, 2013 Nov 22, 2013 0.000000  Nov 25, 2013 Dec 24, 2013 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  Feb 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Apr 24, 2014 0.000000  Apr 25, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jul 25, 2014 Aug 22, 2014 0.000000	May 28, 2013	Jun 24, 2013	0.000000
Aug 26, 2013 Sep 24, 2013 0.000000  Sep 25, 2013 Oct 24, 2013 0.000000  Oct 25, 2013 Nov 22, 2013 0.000000  Nov 25, 2013 Dec 24, 2013 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  Feb 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Apr 24, 2014 0.000000  Apr 25, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jul 25, 2014 Aug 22, 2014 0.000000	Jun 25, 2013	Jul 24, 2013	0.000000
Sep 25, 2013         Oct 24, 2013         0.000000           Oct 25, 2013         Nov 22, 2013         0.000000           Nov 25, 2013         Dec 24, 2013         0.000000           Dec 26, 2013         Jan 24, 2014         0.000000           Jan 27, 2014         Feb 24, 2014         0.000000           Feb 25, 2014         Mar 24, 2014         0.000000           Mar 25, 2014         Apr 24, 2014         0.000000           Apr 25, 2014         May 23, 2014         0.000000           May 27, 2014         Jun 24, 2014         0.000000           Jun 25, 2014         Jul 24, 2014         0.000000           Jul 25, 2014         Aug 22, 2014         0.000000	Jul 25, 2013	Aug 23, 2013	0.000000
Oct 25, 2013 Nov 22, 2013 0.000000  Nov 25, 2013 Dec 24, 2013 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  Feb 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Apr 24, 2014 0.000000  Apr 25, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jul 25, 2014 Aug 22, 2014 0.000000	Aug 26, 2013	Sep 24, 2013	0.000000
Nov 25, 2013 Dec 24, 2013 0.000000  Dec 26, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  Feb 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Apr 24, 2014 0.000000  Apr 25, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jun 25, 2014 Aug 22, 2014 0.000000	Sep 25, 2013	Oct 24, 2013	0.000000
Dec 26, 2013 Jan 24, 2014 0.000000  Jan 27, 2014 Feb 24, 2014 0.000000  Feb 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Apr 24, 2014 0.000000  Apr 25, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jun 25, 2014 Aug 22, 2014 0.000000	Oct 25, 2013	Nov 22, 2013	0.000000
Jan 27, 2014 Feb 24, 2014 0.000000  Feb 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Apr 24, 2014 0.000000  Apr 25, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jul 25, 2014 Aug 22, 2014 0.000000	Nov 25, 2013	Dec 24, 2013	0.000000
Feb 25, 2014 Mar 24, 2014 0.000000  Mar 25, 2014 Apr 24, 2014 0.000000  Apr 25, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jul 25, 2014 Aug 22, 2014 0.000000	Dec 26, 2013	Jan 24, 2014	0.000000
Mar 25, 2014 Apr 24, 2014 0.000000  Apr 25, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jul 25, 2014 Aug 22, 2014 0.000000	Jan 27, 2014	Feb 24, 2014	0.000000
Apr 25, 2014 May 23, 2014 0.000000  May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jul 25, 2014 Aug 22, 2014 0.000000	Feb 25, 2014	Mar 24, 2014	0.000000
May 27, 2014 Jun 24, 2014 0.000000  Jun 25, 2014 Jul 24, 2014 0.000000  Jul 25, 2014 Aug 22, 2014 0.000000	Mar 25, 2014	Apr 24, 2014	0.000000
Jun 25, 2014     Jul 24, 2014     0.000000       Jul 25, 2014     Aug 22, 2014     0.000000	Apr 25, 2014	May 23, 2014	0.000000
Jul 25, 2014 Aug 22, 2014 0.000000	May 27, 2014	Jun 24, 2014	0.000000
- 0.00000	Jun 25, 2014	Jul 24, 2014	0.000000
	Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014 Sep 24, 2014 0.000000	Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014 Oct 24, 2014 0.000000	Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014 Nov 24, 2014 0.000000	Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014 Dec 24, 2014 0.000000	Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014 Jan 23, 2015 0.000000		-	0.000000
Jan 26, 2015 Feb 24, 2015 0.000000		· · · · · · · · · · · · · · · · · · ·	0.000000
Feb 25, 2015 Mar 24, 2015 0.000000		·	0.000000
Mar 25, 2015 Apr 24, 2015 0.000000		•	0.000000
Apr 27, 2015 May 22, 2015 0.000000		•	0.000000
May 26, 2015 Jun 24, 2015 0.000000		Jun 24, 2015	0.000000
Jun 25, 2015 0.000000	Jun 25, 2015		0.000000

From	То	<u>Factor</u>
<u></u>	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.999042
Jun 25, 2007	Jul 24, 2007	0.998080
Jul 25, 2007	Aug 24, 2007	0.997114
Aug 27, 2007	Sep 24, 2007	0.996144
Sep 25, 2007	Oct 24, 2007	0.995168
Oct 25, 2007	Nov 23, 2007	0.994186
Nov 26, 2007	Dec 24, 2007	0.993197
Dec 26, 2007	Jan 24, 2008	0.992200
Jan 25, 2008	Feb 22, 2008	0.991196
Feb 25, 2008	Mar 24, 2008	0.990186
Mar 25, 2008	Apr 24, 2008	0.989169
Apr 25, 2008	May 23, 2008	0.988141
May 27, 2008	Jun 24, 2008	0.987107
Jun 25, 2008	Jul 24, 2008	0.986067
Jul 25, 2008	Aug 22, 2008	0.985019
Aug 25, 2008	Sep 24, 2008	0.983965
Sep 25, 2008	Oct 24, 2008	
Oct 27, 2008	Nov 24, 2008	0.982900
Nov 25, 2008	Dec 24, 2008	0.981827
Dec 26, 2008	Jan 23, 2009	0.980745
Jan 26, 2009	Feb 24, 2009	0.979656
Feb 25, 2009	Mar 24, 2009	0.978557
Mar 25, 2009	Apr 24, 2009	0.977458
Apr 27, 2009	May 22, 2009	0.976352
May 26, 2009	Jun 24, 2009	0.975243
Jun 25, 2009	Jul 24, 2009	0.974128
Jul 27, 2009	Aug 24, 2009	0.972998
Aug 25, 2009	Sep 24, 2009	0.971866
Sep 25, 2009	Oct 23, 2009	0.970729
Oct 26, 2009	Nov 24, 2009	0.969592
Nov 25, 2009	Dec 24, 2009	0.968445
Dec 28, 2009	Jan 22, 2010	0.967290
Jan 25, 2010	Feb 24, 2010	0.966121
Feb 25, 2010	Mar 24, 2010	0.964949
Mar 25, 2010	Apr 23, 2010	0.963770
Apr 26, 2010	May 24, 2010	0.963199
May 25, 2010	Jun 24, 2010	0.963199
Jun 25, 2010	Jul 23, 2010	0.963199
Jul 26, 2010	Aug 24, 2010	0.963199
Aug 25, 2010	Sep 24, 2010	0.963094
Sep 27, 2010	Oct 22, 2010	0.907451
Oct 25, 2010	Nov 24, 2010	0.827434
Nov 26, 2010	Dec 23, 2010	0.723101 0.589075
Dec 27, 2010	Jan 24, 2011	0.472471
Jan 25, 2011	Feb 24, 2011	0.334769
Feb 25, 2011	Mar 24, 2011	0.258702
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

From	To	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
	May 24, 2007	1.000000
May 25, 2007	Jun 22, 2007	0.999042
Jun 25, 2007	Jul 24, 2007	0.998080
Jul 25, 2007	Aug 24, 2007	0.997114
Aug 27, 2007	Sep 24, 2007	0.996144
Sep 25, 2007	Oct 24, 2007	0.995168
Oct 25, 2007	Nov 23, 2007	0.994186
Nov 26, 2007	Dec 24, 2007	0.993197
Dec 26, 2007	Jan 24, 2008	0.992200
Jan 25, 2008	Feb 22, 2008	0.991196
Feb 25, 2008	Mar 24, 2008	0.990186
Mar 25, 2008	Apr 24, 2008	0.989169
Apr 25, 2008	May 23, 2008	
May 27, 2008	Jun 24, 2008	0.988141
Jun 25, 2008	Jul 24, 2008	0.987107
Jul 25, 2008	Aug 22, 2008	0.986067
Aug 25, 2008	Sep 24, 2008	0.985019
Sep 25, 2008	Oct 24, 2008	0.983965
Oct 27, 2008	Nov 24, 2008	0.982900
Nov 25, 2008	Dec 24, 2008	0.981827
·		0.980745
Dec 26, 2008	Jan 23, 2009	0.979656
Jan 26, 2009	Feb 24, 2009	0.978557
Feb 25, 2009	Mar 24, 2009	0.977458
Mar 25, 2009	Apr 24, 2009	0.976352
Apr 27, 2009	May 22, 2009	0.975243
May 26, 2009	Jun 24, 2009	0.974128
Jun 25, 2009	Jul 24, 2009	0.972998
Jul 27, 2009	Aug 24, 2009	0.971866
Aug 25, 2009	Sep 24, 2009	0.970729
Sep 25, 2009	Oct 23, 2009	0.969592
Oct 26, 2009	Nov 24, 2009	0.968445
Nov 25, 2009	Dec 24, 2009	0.968445
Dec 28, 2009	Jan 22, 2010	0.968445
Jan 25, 2010	Feb 24, 2010	0.968445
Feb 25, 2010	Mar 24, 2010	0.968445
Mar 25, 2010	Apr 23, 2010	0.807092
Apr 26, 2010	May 24, 2010	0.664492
May 25, 2010	Jun 24, 2010	0.285659
Jun 25, 2010	Jul 23, 2010	0.263148
Jul 26, 2010	Aug 24, 2010	0.000000
Aug 25, 2010	Sep 24, 2010	0.000000
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000

From	То	<u>Factor</u>
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

From	То	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.997484
Aug 27, 2007	Sep 24, 2007	0.986739
Sep 25, 2007	Oct 24, 2007	0.985204
Oct 25, 2007	Nov 23, 2007	0.983795
Nov 26, 2007	Dec 24, 2007	0.982381
Dec 26, 2007	Jan 24, 2008	0.980840
Jan 25, 2008	Feb 22, 2008	0.969687
Feb 25, 2008	Mar 24, 2008	0.968242
Mar 25, 2008	Apr 24, 2008	0.961730
Apr 25, 2008	May 23, 2008	0.953684
May 27, 2008	Jun 24, 2008	0.952239
Jun 25, 2008	Jul 24, 2008	0.948019
Jul 25, 2008	Aug 22, 2008	0.946568
Aug 25, 2008	Sep 24, 2008	0.945140
Sep 25, 2008	Oct 24, 2008	0.943612
Oct 27, 2008	Nov 24, 2008	0.942034
Nov 25, 2008	Dec 24, 2008	0.940492
Dec 26, 2008	Jan 23, 2009	0.939025
Jan 26, 2009	Feb 24, 2009	0.937173
Feb 25, 2009	Mar 24, 2009	0.931489
Mar 25, 2009	Apr 24, 2009	0.924948
Apr 27, 2009	May 22, 2009	0.923228
May 26, 2009	Jun 24, 2009	0.900257
Jun 25, 2009	Jul 24, 2009	0.895799
Jul 27, 2009	Aug 24, 2009	0.882293
Aug 25, 2009	Sep 24, 2009	0.880289
Sep 25, 2009	Oct 23, 2009	0.878778
Oct 26, 2009	Nov 24, 2009	0.871436
Nov 25, 2009	Dec 24, 2009	0.852778
Dec 28, 2009	Jan 22, 2010	0.819647
Jan 25, 2010	Feb 24, 2010	0.805470
Feb 25, 2010	Mar 24, 2010	0.804024
Mar 25, 2010	Apr 23, 2010	0.799059
Apr 26, 2010	May 24, 2010	0.792278
May 25, 2010	Jun 24, 2010	0.784788
Jun 25, 2010	Jul 23, 2010	0.770059
Jul 26, 2010	Aug 24, 2010	0.757609
Aug 25, 2010	Sep 24, 2010	0.731865
Sep 27, 2010	Oct 22, 2010	0.727284
Oct 25, 2010	Nov 24, 2010	0.717491
Nov 26, 2010	Dec 23, 2010	0.705055
Dec 27, 2010	Jan 24, 2011	0.699063
Jan 25, 2011	Feb 24, 2011	0.680883
Feb 25, 2011	Mar 24, 2011	0.672613
Mar 25, 2011	Apr 22, 2011	0.648479
Apr 25, 2011	May 24, 2011	0.647389
May 25, 2011	Jun 24, 2011	0.632958
Jun 27, 2011	Jul 22, 2011	0.631793
Jul 25, 2011	Aug 24, 2011	0.605889

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.604761
Sep 26, 2011	Oct 24, 2011	0.595362
Oct 25, 2011	Nov 23, 2011	0.594196
Nov 25, 2011	Dec 23, 2011	0.592963
Dec 27, 2011	Jan 24, 2012	0.581299
Jan 25, 2012	Feb 24, 2012	0.570544
Feb 27, 2012	Mar 23, 2012	0.568359
Mar 26, 2012	Apr 24, 2012	0.562561
Apr 25, 2012	May 24, 2012	0.555509
May 25, 2012	Jun 22, 2012	0.537592
Jun 25, 2012	Jul 24, 2012	0.499128
Jul 25, 2012	Aug 24, 2012	0.491738
Aug 27, 2012	Sep 24, 2012	0.468148
Sep 25, 2012	Oct 24, 2012	0.429675
Oct 25, 2012	Nov 23, 2012	0.428425
Nov 26, 2012	Dec 24, 2012	0.409295
Dec 26, 2012	Jan 24, 2013	0.384682
Jan 25, 2013	Feb 22, 2013	0.381659
Feb 25, 2013	Mar 22, 2013	0.371506
Mar 25, 2013	Apr 24, 2013	0.344827
Apr 25, 2013	May 24, 2013	0.333293
May 28, 2013	Jun 24, 2013	0.318814
Jun 25, 2013	Jul 24, 2013	0.304015
Jul 25, 2013	Aug 23, 2013	0.300033
Aug 26, 2013	Sep 24, 2013	0.299501
Sep 25, 2013	Oct 24, 2013	0.274343
Oct 25, 2013	Nov 22, 2013	0.273827
Nov 25, 2013	Dec 24, 2013	0.273325
Dec 26, 2013	Jan 24, 2014	0.272769
Jan 27, 2014	Feb 24, 2014	0.266858
Feb 25, 2014	Mar 24, 2014	0.246155
Mar 25, 2014	Apr 24, 2014	0.245676
Apr 25, 2014	May 23, 2014	0.235054
May 27, 2014	Jun 24, 2014	0.234616
Jun 25, 2014	Jul 24, 2014	0.234148
Jul 25, 2014	Aug 22, 2014	0.219824
Aug 25, 2014	Sep 24, 2014	0.219423
Sep 25, 2014	Oct 24, 2014	0.219003
Oct 27, 2014	Nov 24, 2014	0.218599
Nov 25, 2014	Dec 24, 2014	0.218190
Dec 26, 2014	Jan 23, 2015	0.217793
Jan 26, 2015	Feb 24, 2015	0.206895
Feb 25, 2015	Mar 24, 2015	0.200453
Mar 25, 2015	Apr 24, 2015	0.200021
Apr 27, 2015	May 22, 2015	0.193007
May 26, 2015	Jun 24, 2015	0.178685
Jun 25, 2015		0.178328

From	То	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.996231
Aug 27, 2007	Sep 24, 2007	0.990208
Sep 25, 2007	Oct 24, 2007	0.989168
Oct 25, 2007	Nov 23, 2007	0.987899
Nov 26, 2007	Dec 24, 2007	0.982753
Dec 26, 2007	Jan 24, 2008	0.981394
Jan 25, 2008	Feb 22, 2008	0.975561
Feb 25, 2008	Mar 24, 2008	0.974574
Mar 25, 2008	Apr 24, 2008	0.973162
Apr 25, 2008	May 23, 2008	0.964770
May 27, 2008	Jun 24, 2008	0.963537
Jun 25, 2008	Jul 24, 2008	0.958093
Jul 25, 2008	Aug 22, 2008	0.945658
Aug 25, 2008	Sep 24, 2008	0.940442
Sep 25, 2008	Oct 24, 2008	0.937940
Oct 27, 2008	Nov 24, 2008	0.932985
Nov 25, 2008	Dec 24, 2008	0.931394
Dec 26, 2008	Jan 23, 2009	0.930345
Jan 26, 2009	Feb 24, 2009	0.926042
Feb 25, 2009	Mar 24, 2009	0.914420
Mar 25, 2009	Apr 24, 2009	0.895048
Apr 27, 2009	May 22, 2009	0.885910
May 26, 2009	Jun 24, 2009	0.868522
Jun 25, 2009	Jul 24, 2009	0.854577
Jul 27, 2009	Aug 24, 2009	0.841300
Aug 25, 2009	Sep 24, 2009	0.828114
Sep 25, 2009	Oct 23, 2009	0.818701
Oct 26, 2009	Nov 24, 2009	0.816539
Nov 25, 2009	Dec 24, 2009	0.798672
Dec 28, 2009	Jan 22, 2010	0.781791
Jan 25, 2010	Feb 24, 2010	0.775912
Feb 25, 2010	Mar 24, 2010	0.766474
Mar 25, 2010	Apr 23, 2010	0.749087
Apr 26, 2010	May 24, 2010	0.738091
May 25, 2010	Jun 24, 2010	0.726845
Jun 25, 2010	Jul 23, 2010	0.709102
Jul 26, 2010	Aug 24, 2010	0.698838
Aug 25, 2010	Sep 24, 2010	0.679849
Sep 27, 2010	Oct 22, 2010	0.666790
Oct 25, 2010	Nov 24, 2010	0.645823
Nov 26, 2010	Dec 23, 2010	0.636593
Dec 27, 2010	Jan 24, 2011	0.617951
Jan 25, 2011	Feb 24, 2011	0.592697
Feb 25, 2011	Mar 24, 2011	0.583954
Mar 25, 2011	Apr 22, 2011	0.570955
Apr 25, 2011	May 24, 2011	0.552151
May 25, 2011	Jun 24, 2011	0.540645
Jun 27, 2011	Jul 22, 2011	0.537670
Jul 25, 2011	Aug 24, 2011	0.514669
	·	

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.506826
Sep 26, 2011	Oct 24, 2011	0.488808
Oct 25, 2011	Nov 23, 2011	0.486540
Nov 25, 2011	Dec 23, 2011	0.478230
Dec 27, 2011	Jan 24, 2012	0.465445
Jan 25, 2012	Feb 24, 2012	0.456958
Feb 27, 2012	Mar 23, 2012	0.454345
Mar 26, 2012	Apr 24, 2012	0.443675
Apr 25, 2012	May 24, 2012	0.432176
May 25, 2012	Jun 22, 2012	0.414119
Jun 25, 2012	Jul 24, 2012	0.393248
Jul 25, 2012	Aug 24, 2012	0.388952
Aug 27, 2012	Sep 24, 2012	0.374624
Sep 25, 2012	Oct 24, 2012	0.357050
Oct 25, 2012	Nov 23, 2012	0.353357
Nov 26, 2012	Dec 24, 2012	0.346941
Dec 26, 2012	Jan 24, 2013	0.333423
Jan 25, 2013	Feb 22, 2013	0.327623
Feb 25, 2013	Mar 22, 2013	0.312979
Mar 25, 2013	Apr 24, 2013	0.299933
Apr 25, 2013	May 24, 2013	0.297518
May 28, 2013	Jun 24, 2013	0.277495
Jun 25, 2013	Jul 24, 2013	0.274106
Jul 25, 2013	Aug 23, 2013	0.268018
Aug 26, 2013	Sep 24, 2013	0.261905
Sep 25, 2013	Oct 24, 2013	0.253500
Oct 25, 2013	Nov 22, 2013	0.249879
Nov 25, 2013	Dec 24, 2013	0.248094
Dec 26, 2013	Jan 24, 2014	0.246002
Jan 27, 2014	Feb 24, 2014	0.243512
Feb 25, 2014	Mar 24, 2014	0.227814
Mar 25, 2014	Apr 24, 2014	0.227497
Apr 25, 2014	May 23, 2014	0.222431
May 27, 2014	Jun 24, 2014	0.215347
Jun 25, 2014	Jul 24, 2014	0.214992
Jul 25, 2014	Aug 22, 2014	0.211524
Aug 25, 2014	Sep 24, 2014	0.209436
Sep 25, 2014	Oct 24, 2014	0.205728
Oct 27, 2014	Nov 24, 2014	0.205372
Nov 25, 2014	Dec 24, 2014	0.201022
Dec 26, 2014	Jan 23, 2015	0.200691
Jan 26, 2015	Feb 24, 2015	0.196709
Feb 25, 2015	Mar 24, 2015	0.191514
Mar 25, 2015	Apr 24, 2015	0.191154
Apr 27, 2015	May 22, 2015	0.183407
May 26, 2015	Jun 24, 2015	0.173582
Jun 25, 2015		0.170668

From	То	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.994635
Aug 27, 2007	Sep 24, 2007	0.986062
Sep 25, 2007	Oct 24, 2007	0.984581
Oct 25, 2007	Nov 23, 2007	0.982775
Nov 26, 2007	Dec 24, 2007	0.975451
Dec 26, 2007	Jan 24, 2008	0.973516
Jan 25, 2008	Feb 22, 2008	0.965213
Feb 25, 2008	Mar 24, 2008	0.963808
Mar 25, 2008	Apr 24, 2008	0.961799
Apr 25, 2008	May 23, 2008	0.949852
May 27, 2008	Jun 24, 2008	0.948097
Jun 25, 2008	Jul 24, 2008	0.940348
Jul 25, 2008	Aug 22, 2008	0.922649
Aug 25, 2008	Sep 24, 2008	0.915224
Sep 25, 2008	Oct 24, 2008	0.911663
Oct 27, 2008	Nov 24, 2008	0.904609
Nov 25, 2008	Dec 24, 2008	0.902344
Dec 26, 2008	Jan 23, 2009	0.900851
Jan 26, 2009	Feb 24, 2009	
Feb 25, 2009	Mar 24, 2009	0.894725 0.878183
Mar 25, 2009	Apr 24, 2009	
Apr 27, 2009	May 22, 2009	0.850609 0.837601
May 26, 2009	Jun 24, 2009	0.812850
Jun 25, 2009	Jul 24, 2009	0.793000
Jul 27, 2009	Aug 24, 2009	0.774101
Aug 25, 2009	Sep 24, 2009	0.755332
Sep 25, 2009	Oct 23, 2009	0.741934
Oct 26, 2009	Nov 24, 2009	0.738855
Nov 25, 2009	Dec 24, 2009	0.713423
Dec 28, 2009	Jan 22, 2010	0.689395
Jan 25, 2010	Feb 24, 2010	0.681027
Feb 25, 2010	Mar 24, 2010	0.667592
Mar 25, 2010	Apr 23, 2010	0.642843
Apr 26, 2010	May 24, 2010	0.627192
May 25, 2010	Jun 24, 2010	0.611184
Jun 25, 2010	Jul 23, 2010	0.585927
Jul 26, 2010	Aug 24, 2010	0.571317
Aug 25, 2010	Sep 24, 2010	0.544287
Sep 27, 2010	Oct 22, 2010	0.525699
Oct 25, 2010	Nov 24, 2010	0.495854
Nov 26, 2010	Dec 23, 2010	0.482715
Dec 27, 2010	Jan 24, 2011	0.456180
Jan 25, 2011	Feb 24, 2011	0.420232
Feb 25, 2011	Mar 24, 2011	0.407787
Mar 25, 2011	Apr 22, 2011	0.389285
Apr 25, 2011	May 24, 2011	0.362519
May 25, 2011	Jun 24, 2011	0.346140
Jun 27, 2011	Jul 22, 2011	0.341905
Jul 25, 2011	Aug 24, 2011	0.309165

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.298001
Sep 26, 2011	Oct 24, 2011	0.272354
Oct 25, 2011	Nov 23, 2011	0.269126
Nov 25, 2011	Dec 23, 2011	0.257298
Dec 27, 2011	Jan 24, 2012	0.239098
Jan 25, 2012	Feb 24, 2012	0.227018
Feb 27, 2012	Mar 23, 2012	0.225720
Mar 26, 2012	Apr 24, 2012	0.220419
Apr 25, 2012	May 24, 2012	0.214706
May 25, 2012	Jun 22, 2012	0.205736
Jun 25, 2012	Jul 24, 2012	0.195367
Jul 25, 2012	Aug 24, 2012	0.193233
Aug 27, 2012	Sep 24, 2012	0.186114
Sep 25, 2012	Oct 24, 2012	0.177384
Oct 25, 2012	Nov 23, 2012	0.175549
Nov 26, 2012	Dec 24, 2012	0.172324
Dec 26, 2012	Jan 24, 2013	0.165578
Jan 25, 2013	Feb 22, 2013	0.162697
Feb 25, 2013	Mar 22, 2013	0.155425
Mar 25, 2013	Apr 24, 2013	0.148946
Apr 25, 2013	May 24, 2013	0.147747
May 28, 2013	Jun 24, 2013	0.137804
Jun 25, 2013	Jul 24, 2013	0.136121
Jul 25, 2013	Aug 23, 2013	0.133097
Aug 26, 2013	Sep 24, 2013	0.130057
Sep 25, 2013	Oct 24, 2013	0.125884
Oct 25, 2013	Nov 22, 2013	0.124085
Nov 25, 2013	Dec 24, 2013	0.123199
Dec 26, 2013	Jan 24, 2014	0.122160
Jan 27, 2014	Feb 24, 2014	0.120923
Feb 25, 2014	Mar 24, 2014	0.113128
Mar 25, 2014	Apr 24, 2014	0.112971
Apr 25, 2014	May 23, 2014	0.110455
May 27, 2014	Jun 24, 2014	0.106937
Jun 25, 2014	Jul 24, 2014	0.106761
Jul 25, 2014	Aug 22, 2014	0.105039
Aug 25, 2014	Sep 24, 2014	0.104002
Sep 25, 2014	Oct 24, 2014	0.102161
Oct 27, 2014	Nov 24, 2014	0.101984
Nov 25, 2014	Dec 24, 2014	0.099824
Dec 26, 2014	Jan 23, 2015	0.099659
Jan 26, 2015	Feb 24, 2015	0.097682
Feb 25, 2015	Mar 24, 2015	0.095102
Mar 25, 2015	Apr 24, 2015	0.094924
Apr 27, 2015	May 22, 2015	0.091076
May 26, 2015	Jun 24, 2015	0.086198
Jun 25, 2015		0.084750

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.994997
Aug 27, 2007	Sep 24, 2007	0.987004
Sep 25, 2007	Oct 24, 2007	0.985623
Oct 25, 2007	Nov 23, 2007	0.983938
Nov 26, 2007	Dec 24, 2007	0.977109
Dec 26, 2007	Jan 24, 2008	0.975305
Jan 25, 2008	Feb 22, 2008	0.967563
Feb 25, 2008	Mar 24, 2008	0.966253
Mar 25, 2008	Apr 24, 2008	0.964379
Apr 25, 2008	May 23, 2008	0.953240
May 27, 2008	Jun 24, 2008	0.951603
Jun 25, 2008	Jul 24, 2008	0.944378
Jul 25, 2008	Aug 22, 2008	0.927874
Aug 25, 2008	Sep 24, 2008	
Sep 25, 2008	Oct 24, 2008	0.920951
Oct 27, 2008	Nov 24, 2008	0.917631
Nov 25, 2008	Dec 24, 2008	0.911054
Dec 26, 2008	Jan 23, 2009	0.908942
Jan 26, 2009	Feb 24, 2009	0.907549
Feb 25, 2009	Mar 24, 2009	0.901838
Mar 25, 2009	Apr 24, 2009	0.886413
Apr 27, 2009	May 22, 2009	0.860701
May 26, 2009	Jun 24, 2009	0.848572
Jun 25, 2009	Jul 24, 2009	0.825494
Jul 27, 2009	Aug 24, 2009	0.806985
Aug 25, 2009	Sep 24, 2009	0.789363
Sep 25, 2009	Oct 23, 2009	0.771861
Oct 26, 2009	Nov 24, 2009	0.759368
Nov 25, 2009	Dec 24, 2009	0.756498
Dec 28, 2009	Jan 22, 2010	0.732784
Jan 25, 2010	Feb 24, 2010	0.710379
Feb 25, 2010	•	0.702576
Mar 25, 2010	Mar 24, 2010 Apr 23, 2010	0.690049
		0.666972
Apr 26, 2010	May 24, 2010	0.652378
May 25, 2010	Jun 24, 2010	0.637452
Jun 25, 2010	Jul 23, 2010	0.613901
Jul 26, 2010	Aug 24, 2010	0.600278
Aug 25, 2010	Sep 24, 2010	0.575075
Sep 27, 2010 Oct 25, 2010	Oct 22, 2010	0.557742
,	Nov 24, 2010	0.529913
Nov 26, 2010	Dec 23, 2010	0.517663
Dec 27, 2010  Jan 25, 2011	Jan 24, 2011 Feb 24, 2011	0.492920
Feb 25, 2011	Mar 24, 2011	0.459401
Mar 25, 2011	Apr 22, 2011	0.447797
Apr 25, 2011	May 24, 2011	0.430544
May 25, 2011	Jun 24, 2011	0.405587
Jun 27, 2011	Jul 22, 2011	0.390314
Jul 25, 2011	Aug 24, 2011	0.386366
		0.355837

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.345427
Sep 26, 2011	Oct 24, 2011	0.321513
Oct 25, 2011	Nov 23, 2011	0.318503
Nov 25, 2011	Dec 23, 2011	0.307474
Dec 27, 2011	Jan 24, 2012	0.290504
Jan 25, 2012	Feb 24, 2012	0.279240
Feb 27, 2012	Mar 23, 2012	0.277643
Mar 26, 2012	Apr 24, 2012	0.271123
Apr 25, 2012	May 24, 2012	0.264096
May 25, 2012	Jun 22, 2012	0.253062
Jun 25, 2012	Jul 24, 2012	0.240308
Jul 25, 2012	Aug 24, 2012	0.237683
Aug 27, 2012	Sep 24, 2012	0.228927
Sep 25, 2012	Oct 24, 2012	0.218188
Oct 25, 2012	Nov 23, 2012	0.215931
Nov 26, 2012	Dec 24, 2012	0.211981
Dec 26, 2012	Jan 24, 2013	0.203697
Jan 25, 2013	Feb 22, 2013	0.200153
Feb 25, 2013	Mar 22, 2013	0.191207
Mar 25, 2013	Apr 24, 2013	0.183237
Apr 25, 2013	May 24, 2013	0.181762
May 28, 2013	Jun 24, 2013	0.169529
Jun 25, 2013	Jul 24, 2013	0.167459
Jul 25, 2013	Aug 23, 2013	0.163739
Aug 26, 2013	Sep 24, 2013	0.160001
Sep 25, 2013	Oct 24, 2013	0.154867
Oct 25, 2013	Nov 22, 2013	0.152654
Nov 25, 2013	Dec 24, 2013	0.151564
Dec 26, 2013	Jan 24, 2014	0.150286
Jan 27, 2014	Feb 24, 2014	0.148764
Feb 25, 2014	Mar 24, 2014	0.139174
Mar 25, 2014	Apr 24, 2014	0.138981
Apr 25, 2014	May 23, 2014	0.135886
May 27, 2014	Jun 24, 2014	0.131558
Jun 25, 2014	Jul 24, 2014	0.131342
Jul 25, 2014	Aug 22, 2014	0.129223
Aug 25, 2014	Sep 24, 2014	0.127947
Sep 25, 2014	Oct 24, 2014	0.125682
Oct 27, 2014	Nov 24, 2014	0.125465
Nov 25, 2014	Dec 24, 2014	0.122807
Dec 26, 2014	Jan 23, 2015	0.122605
Jan 26, 2015	Feb 24, 2015	0.120172
Feb 25, 2015	Mar 24, 2015	0.116998
Mar 25, 2015	Apr 24, 2015	0.116779
Apr 27, 2015	May 22, 2015	0.112046
May 26, 2015	Jun 24, 2015	0.106044
Jun 25, 2015		0.104263

From	То	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000

<u>To</u>	<u>Factor</u>
Sep 23, 2011	1.000000
Oct 24, 2011	1.000000
Nov 23, 2011	1.000000
Dec 23, 2011	1.000000
Jan 24, 2012	1.000000
Feb 24, 2012	1.000000
Mar 23, 2012	0.994281
Apr 24, 2012	0.970931
May 24, 2012	0.945766
Jun 22, 2012	0.906252
Jul 24, 2012	0.860578
Aug 24, 2012	0.851176
Sep 24, 2012	0.819820
Oct 24, 2012	0.781363
Nov 23, 2012	0.773280
Dec 24, 2012	0.759327
Jan 24, 2013	0.729818
Feb 22, 2013	0.717122
Mar 22, 2013	0.685069
Apr 24, 2013	0.656513
May 24, 2013	0.651227
Jun 24, 2013	0.607399
Jul 24, 2013	0.599982
Aug 23, 2013	0.586655
Sep 24, 2013	0.573285
Oct 24, 2013	0.554889
Nov 22, 2013	0.546962
Dec 24, 2013	0.543055
Jan 24, 2014	0.538476
Feb 24, 2014	0.533024
Mar 24, 2014	0.498663
Apr 24, 2014	0.497970
May 23, 2014	0.486880
Jun 24, 2014	0.471374
Jul 24, 2014	0.470598
Aug 22, 2014	0.463007
Sep 24, 2014	0.458435
Oct 24, 2014	0.450319
Nov 24, 2014	0.449540
Dec 24, 2014	0.440018
Jan 23, 2015	0.439294
Feb 24, 2015	0.430577
Mar 24, 2015	0.419206
Apr 24, 2015	0.418419
May 22, 2015	0.401461
Jun 24, 2015	0.379955
	0.373576
	Sep 23, 2011 Oct 24, 2011 Nov 23, 2011 Dec 23, 2011 Jan 24, 2012 Feb 24, 2012 Mar 23, 2012 Apr 24, 2012 Jun 22, 2012 Jul 24, 2012 Sep 24, 2012 Oct 24, 2012 Nov 23, 2012 Dec 24, 2012 Jan 24, 2013 Feb 22, 2013 Mar 22, 2013 Mar 22, 2013 Apr 24, 2013 Sep 24, 2013 Dec 24, 2013 Jun 24, 2013 Feb 22, 2013 May 24, 2013 Jun 24, 2013 Aug 23, 2013 Sep 24, 2013 Oct 24, 2013 Dec 24, 2013 Dec 24, 2014 May 23, 2014 Feb 24, 2014 Mar 24, 2014 Mar 24, 2014 Sep 24, 2014 Sep 24, 2014 Nov 24, 2014 Sep 24, 2014 Nov 24, 2014 Nov 24, 2014 Nov 24, 2014 Sep 24, 2014 Nov 24, 2015 Mar 24, 2015 Mar 24, 2015 Mar 24, 2015 May 22, 2015

From	То	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000

<u>To</u>	<u>Factor</u>
Sep 23, 2011	1.000000
Oct 24, 2011	1.000000
Nov 23, 2011	1.000000
Dec 23, 2011	1.000000
Jan 24, 2012	1.000000
Feb 24, 2012	1.000000
Mar 23, 2012	0.994281
Apr 24, 2012	0.970931
May 24, 2012	0.945766
Jun 22, 2012	0.906252
Jul 24, 2012	0.860578
Aug 24, 2012	0.851176
Sep 24, 2012	0.819820
Oct 24, 2012	0.781363
Nov 23, 2012	0.773280
Dec 24, 2012	0.759327
Jan 24, 2013	0.729818
Feb 22, 2013	0.717122
Mar 22, 2013	0.685069
Apr 24, 2013	0.656513
May 24, 2013	0.651227
Jun 24, 2013	0.607399
Jul 24, 2013	0.599982
Aug 23, 2013	0.586655
Sep 24, 2013	0.573285
Oct 24, 2013	0.554889
Nov 22, 2013	0.546962
Dec 24, 2013	0.543055
Jan 24, 2014	0.538476
Feb 24, 2014	0.533024
Mar 24, 2014	0.498663
Apr 24, 2014	0.497970
May 23, 2014	0.486880
Jun 24, 2014	0.471374
Jul 24, 2014	0.470598
Aug 22, 2014	0.463007
Sep 24, 2014	0.458435
Oct 24, 2014	0.450319
Nov 24, 2014	0.449540
Dec 24, 2014	0.440018
Jan 23, 2015	0.439294
Feb 24, 2015	0.430577
Mar 24, 2015	0.419206
Apr 24, 2015	0.418419
May 22, 2015	0.401461
Jun 24, 2015	0.379955
	0.373576
	Sep 23, 2011 Oct 24, 2011 Nov 23, 2011 Dec 23, 2011 Jan 24, 2012 Feb 24, 2012 Mar 23, 2012 Apr 24, 2012 Jun 22, 2012 Jul 24, 2012 Sep 24, 2012 Oct 24, 2012 Nov 23, 2012 Dec 24, 2012 Jan 24, 2013 Feb 22, 2013 Mar 22, 2013 Mar 22, 2013 Apr 24, 2013 Sep 24, 2013 Dec 24, 2013 Jun 24, 2013 Feb 22, 2013 May 24, 2013 Jun 24, 2013 Aug 23, 2013 Sep 24, 2013 Oct 24, 2013 Dec 24, 2013 Dec 24, 2014 May 23, 2014 Feb 24, 2014 Mar 24, 2014 Mar 24, 2014 Sep 24, 2014 Sep 24, 2014 Nov 24, 2014 Sep 24, 2014 Nov 24, 2014 Nov 24, 2014 Nov 24, 2014 Sep 24, 2014 Nov 24, 2015 Mar 24, 2015 Mar 24, 2015 Mar 24, 2015 May 22, 2015

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000

F	T-	F
From Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u> 1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	0.994281
Mar 26, 2012	Apr 24, 2012	0.970931
Apr 25, 2012	May 24, 2012	0.945766
May 25, 2012	Jun 22, 2012	0.906252
Jun 25, 2012	Jul 24, 2012	0.860578
Jul 25, 2012	Aug 24, 2012	0.851176
Aug 27, 2012	Sep 24, 2012	0.819820
Sep 25, 2012	Oct 24, 2012	0.781363
Oct 25, 2012	Nov 23, 2012	0.773280
Nov 26, 2012	Dec 24, 2012	0.759327
Dec 26, 2012	Jan 24, 2013	0.729818
Jan 25, 2013	Feb 22, 2013	0.717122
Feb 25, 2013	Mar 22, 2013	0.685069
Mar 25, 2013	Apr 24, 2013	0.656513
Apr 25, 2013	May 24, 2013	0.651227
May 28, 2013	Jun 24, 2013	0.607399
Jun 25, 2013	Jul 24, 2013	0.599982
Jul 25, 2013	Aug 23, 2013	0.586655
Aug 26, 2013	Sep 24, 2013	0.573285
Sep 25, 2013	Oct 24, 2013	0.554889
Oct 25, 2013	Nov 22, 2013	0.546962
Nov 25, 2013	Dec 24, 2013	0.543055
Dec 26, 2013	Jan 24, 2014	0.538476
Jan 27, 2014	Feb 24, 2014	0.533024
Feb 25, 2014	Mar 24, 2014	0.498663
Mar 25, 2014	Apr 24, 2014	0.497970
Apr 25, 2014	May 23, 2014	0.486880
May 27, 2014	Jun 24, 2014	0.471374
Jun 25, 2014	Jul 24, 2014	0.470598
Jul 25, 2014	Aug 22, 2014	0.463007
Aug 25, 2014	Sep 24, 2014	0.458435
Sep 25, 2014	Oct 24, 2014	0.450319
Oct 27, 2014	Nov 24, 2014	0.449540
Nov 25, 2014	Dec 24, 2014	0.440018
Dec 26, 2014	Jan 23, 2015	0.439294
Jan 26, 2015	Feb 24, 2015	0.430577
Feb 25, 2015	Mar 24, 2015	0.419206
Mar 25, 2015	Apr 24, 2015	0.418419
Apr 27, 2015	May 22, 2015	0.401461
May 26, 2015	Jun 24, 2015	0.379955
Jun 25, 2015		0.373576

From	То	Factor
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011 Apr 25, 2011	Apr 22, 2011 May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Jul 23, 2011	, wb 27, 2011	1.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	0.997496
Mar 26, 2012	Apr 24, 2012	0.974070
Apr 25, 2012	May 24, 2012	0.954122
May 25, 2012	Jun 22, 2012	0.917269
Jun 25, 2012	Jul 24, 2012	0.872131
Jul 25, 2012	Aug 24, 2012	0.862603
Aug 27, 2012	Sep 24, 2012	0.836517
Sep 25, 2012	Oct 24, 2012	0.799183
Oct 25, 2012	Nov 23, 2012	0.792975
Nov 26, 2012	Dec 24, 2012	0.778675
Dec 26, 2012	Jan 24, 2013	0.753497
Jan 25, 2013	Feb 22, 2013	0.740388
Feb 25, 2013	Mar 22, 2013	0.709562
Mar 25, 2013	Apr 24, 2013	0.679985
Apr 25, 2013	May 24, 2013	0.674510
May 28, 2013	Jun 24, 2013	0.637162
Jun 25, 2013	Jul 24, 2013	0.629382
Jul 25, 2013	Aug 23, 2013	0.618821
Aug 26, 2013	Sep 24, 2013	0.607484
Sep 25, 2013	Oct 24, 2013	0.588192
Oct 25, 2013	Nov 22, 2013	0.581347
Nov 25, 2013	Dec 24, 2013	0.577396
Dec 26, 2013	Jan 24, 2014	0.576577
Jan 27, 2014	Feb 24, 2014	0.573004
Feb 25, 2014	Mar 24, 2014	0.536065
Mar 25, 2014	Apr 24, 2014	0.535320
Apr 25, 2014	May 23, 2014	0.523399
May 27, 2014	Jun 24, 2014	0.506730
Jun 25, 2014	Jul 24, 2014	0.505895
Jul 25, 2014	Aug 22, 2014	0.497735
Aug 25, 2014	Sep 24, 2014	0.492821
Sep 25, 2014	Oct 24, 2014	0.484096
Oct 27, 2014	Nov 24, 2014	0.483259
Nov 25, 2014	Dec 24, 2014	0.473022
Dec 26, 2014	Jan 23, 2015	0.472244
Jan 26, 2015	Feb 24, 2015	0.462873
Feb 25, 2015	Mar 24, 2015	0.450649
Mar 25, 2015	Apr 24, 2015	0.449802
Apr 27, 2015	May 22, 2015	0.431572
May 26, 2015	Jun 24, 2015	0.408454
Jun 25, 2015		0.401596
	<u> </u>	

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	0.951420
Mar 26, 2012	Apr 24, 2012	0.929076
Apr 25, 2012	May 24, 2012	0.834362
May 25, 2012	Jun 22, 2012	0.759366
Jun 25, 2012	Jul 24, 2012	0.706547
Jul 25, 2012	Aug 24, 2012	0.698828
Aug 27, 2012	Sep 24, 2012	0.597211
Sep 25, 2012	Oct 24, 2012	0.543788
Oct 25, 2012	Nov 23, 2012	0.510698
Nov 26, 2012	Dec 24, 2012	0.501370
Dec 26, 2012	Jan 24, 2013	0.414129
Jan 25, 2013	Feb 22, 2013	0.406924
Feb 25, 2013	Mar 22, 2013	0.358522
Mar 25, 2013	Apr 24, 2013	0.343578
Apr 25, 2013	May 24, 2013	0.340810
May 28, 2013	Jun 24, 2013	0.210589
Jun 25, 2013	Jul 24, 2013	0.208017
Jul 25, 2013	Aug 23, 2013	0.157810
Aug 26, 2013	Sep 24, 2013	0.117333
Sep 25, 2013	Oct 24, 2013	0.110879
Oct 25, 2013	Nov 22, 2013	0.088530
Nov 25, 2013	Dec 24, 2013	0.085211
Dec 26, 2013	Jan 24, 2014	0.030498
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.992935
Aug 27, 2007	Sep 24, 2007	0.986008
Sep 25, 2007	Oct 24, 2007	0.982868
Oct 25, 2007	Nov 23, 2007	0.977457
Nov 26, 2007	Dec 24, 2007	0.967866
Dec 26, 2007	Jan 24, 2008	0.963775
Jan 25, 2008	Feb 22, 2008	0.961112
Feb 25, 2008	Mar 24, 2008	0.956860
Mar 25, 2008	Apr 24, 2008	0.943773
Apr 25, 2008	May 23, 2008	0.932672
May 27, 2008	Jun 24, 2008	0.923978
Jun 25, 2008	Jul 24, 2008	0.913525
Jul 25, 2008	Aug 22, 2008	0.908167
Aug 25, 2008	Sep 24, 2008	0.901335
Sep 25, 2008	Oct 24, 2008	0.894190
Oct 27, 2008	Nov 24, 2008	0.888242
Nov 25, 2008	Dec 24, 2008	0.879882
Dec 26, 2008	Jan 23, 2009	0.875176
Jan 26, 2009	Feb 24, 2009	0.873207
Feb 25, 2009	Mar 24, 2009	0.864769
Mar 25, 2009	Apr 24, 2009	0.848457
Apr 27, 2009	May 22, 2009	0.829674
May 26, 2009	Jun 24, 2009	0.818311
Jun 25, 2009	Jul 24, 2009	0.799564
Jul 27, 2009	Aug 24, 2009	0.787310
Aug 25, 2009	Sep 24, 2009	0.774984
Sep 25, 2009	Oct 23, 2009	0.763890
Oct 26, 2009	Nov 24, 2009	0.758511
Nov 25, 2009	Dec 24, 2009	0.750270
Dec 28, 2009	Jan 22, 2010	0.743905
Jan 25, 2010	Feb 24, 2010	0.736348
Feb 25, 2010	Mar 24, 2010	0.728730
Mar 25, 2010	Apr 23, 2010	0.720172
Apr 26, 2010	May 24, 2010	0.708793
May 25, 2010	Jun 24, 2010	0.700559
Jun 25, 2010	Jul 23, 2010	0.689037
Jul 26, 2010	Aug 24, 2010	0.684595
Aug 25, 2010	Sep 24, 2010	0.677711
Sep 27, 2010	Oct 22, 2010	0.669658
Oct 25, 2010	Nov 24, 2010	0.659472
Nov 26, 2010	Dec 23, 2010	0.648286
Dec 27, 2010	Jan 24, 2011	0.634248
Jan 25, 2011	Feb 24, 2011	0.624458
Feb 25, 2011	Mar 24, 2011	0.613131
Mar 25, 2011 Apr 25, 2011	Apr 22, 2011 May 24, 2011	0.601326
May 25, 2011	Jun 24, 2011	0.589515
Jun 27, 2011	Jul 22, 2011	0.584669
Jul 25, 2011	Aug 24, 2011	0.576809
		0.571662

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.564548
Sep 26, 2011	Oct 24, 2011	0.554560
Oct 25, 2011	Nov 23, 2011	0.550883
Nov 25, 2011	Dec 23, 2011	0.539086
Dec 27, 2011	Jan 24, 2012	0.535837
Jan 25, 2012	Feb 24, 2012	0.532718
Feb 27, 2012	Mar 23, 2012	0.525190
Mar 26, 2012	Apr 24, 2012	0.519783
Apr 25, 2012	May 24, 2012	0.515048
May 25, 2012	Jun 22, 2012	0.508420
Jun 25, 2012	Jul 24, 2012	0.496375
Jul 25, 2012	Aug 24, 2012	0.489889
Aug 27, 2012	Sep 24, 2012	0.480635
Sep 25, 2012	Oct 24, 2012	0.473837
Oct 25, 2012	Nov 23, 2012	0.464095
Nov 26, 2012	Dec 24, 2012	0.456683
Dec 26, 2012	Jan 24, 2013	0.443599
Jan 25, 2013	Feb 22, 2013	0.436513
Feb 25, 2013	Mar 22, 2013	0.430057
Mar 25, 2013	Apr 24, 2013	0.422680
Apr 25, 2013	May 24, 2013	0.415789
May 28, 2013	Jun 24, 2013	0.399135
Jun 25, 2013	Jul 24, 2013	0.391958
Jul 25, 2013	Aug 23, 2013	0.386381
Aug 26, 2013	Sep 24, 2013	0.376967
Sep 25, 2013	Oct 24, 2013	0.368610
Oct 25, 2013	Nov 22, 2013	0.358705
Nov 25, 2013	Dec 24, 2013	0.346022
Dec 26, 2013	Jan 24, 2014	0.337190
Jan 27, 2014	Feb 24, 2014	0.329081
Feb 25, 2014	Mar 24, 2014	0.321292
Mar 25, 2014	Apr 24, 2014	0.317919
Apr 25, 2014	May 23, 2014	0.314565
May 27, 2014	Jun 24, 2014	0.310026
Jun 25, 2014	Jul 24, 2014	0.303059
Jul 25, 2014	Aug 22, 2014	0.300182
Aug 25, 2014	Sep 24, 2014	0.294666
Sep 25, 2014	Oct 24, 2014	0.286913
Oct 27, 2014	Nov 24, 2014	0.283972
Nov 25, 2014	Dec 24, 2014	0.275230
Dec 26, 2014	Jan 23, 2015	0.269334
Jan 26, 2015	Feb 24, 2015	0.262412
Feb 25, 2015	Mar 24, 2015	0.258899
Mar 25, 2015	Apr 24, 2015	0.253267
Apr 27, 2015	May 22, 2015	0.249824
May 26, 2015	Jun 24, 2015	0.246238
Jun 25, 2015		0.241057

From	То	Factor
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.990278
Aug 27, 2007	Sep 24, 2007	0.980745
Sep 25, 2007	Oct 24, 2007	0.976424
Oct 25, 2007	Nov 23, 2007	0.968977
Nov 26, 2007	Dec 24, 2007	0.955779
Dec 26, 2007	Jan 24, 2008	0.950149
Jan 25, 2008	Feb 22, 2008	0.946485
Feb 25, 2008	Mar 24, 2008	0.940632
Mar 25, 2008	Apr 24, 2008	0.922624
Apr 25, 2008	May 23, 2008	0.907347
May 27, 2008	Jun 24, 2008	0.895382
Jun 25, 2008	Jul 24, 2008	0.880997
Jul 25, 2008	Aug 22, 2008	0.873625
Aug 25, 2008	Sep 24, 2008	0.864222
Sep 25, 2008	Oct 24, 2008	0.854390
Oct 27, 2008	Nov 24, 2008	0.846205
Nov 25, 2008	Dec 24, 2008	0.834699
Dec 26, 2008	Jan 23, 2009	0.828224
Jan 26, 2009	Feb 24, 2009	0.825514
Feb 25, 2009	Mar 24, 2009	0.813902
Mar 25, 2009	Apr 24, 2009	0.791454
Apr 27, 2009	May 22, 2009	0.765607
May 26, 2009	Jun 24, 2009	0.749968
Jun 25, 2009	Jul 24, 2009	0.724170
Jul 27, 2009	Aug 24, 2009	0.707307
Aug 25, 2009	Sep 24, 2009	0.690344
Sep 25, 2009	Oct 23, 2009	0.675078
Oct 26, 2009	Nov 24, 2009	0.667676
Nov 25, 2009	Dec 24, 2009	0.656335
Dec 28, 2009	Jan 22, 2010	0.647576
Jan 25, 2010	Feb 24, 2010	0.637175
Feb 25, 2010	Mar 24, 2010	0.626691
Mar 25, 2010	Apr 23, 2010	0.614915
Apr 26, 2010	May 24, 2010	0.599255
May 25, 2010	Jun 24, 2010	0.587925
Jun 25, 2010	Jul 23, 2010	0.572068
Jul 26, 2010	Aug 24, 2010	0.565956
Aug 25, 2010	Sep 24, 2010	0.556483
Sep 27, 2010	Oct 22, 2010	0.545401
Oct 25, 2010	Nov 24, 2010	0.531383
Nov 26, 2010	Dec 23, 2010	0.515989
Dec 27, 2010	Jan 24, 2011	0.496670
Jan 25, 2011	Feb 24, 2011	0.483198
Feb 25, 2011	Mar 24, 2011	0.467610
Mar 25, 2011	Apr 22, 2011	0.451366
Apr 25, 2011	May 24, 2011	0.435112
May 25, 2011	Jun 24, 2011	0.428442
Jun 27, 2011	Jul 22, 2011	0.417626
Jul 25, 2011	Aug 24, 2011	0.410543

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.400753
Sep 26, 2011	Oct 24, 2011	0.387007
Oct 25, 2011	Nov 23, 2011	0.381948
Nov 25, 2011	Dec 23, 2011	0.365713
Dec 27, 2011	Jan 24, 2012	0.361243
Jan 25, 2012	Feb 24, 2012	0.356951
Feb 27, 2012	Mar 23, 2012	0.350573
Mar 26, 2012	Apr 24, 2012	0.346228
Apr 25, 2012	May 24, 2012	0.341516
May 25, 2012	Jun 22, 2012	0.336538
Jun 25, 2012	Jul 24, 2012	0.328442
Jul 25, 2012	Aug 24, 2012	0.323557
Aug 27, 2012	Sep 24, 2012	0.316687
Sep 25, 2012	Oct 24, 2012	0.311811
Oct 25, 2012	Nov 23, 2012	0.303546
Nov 26, 2012	Dec 24, 2012	0.298334
Dec 26, 2012	Jan 24, 2013	0.288558
Jan 25, 2013	Feb 22, 2013	0.282662
Feb 25, 2013	Mar 22, 2013	0.278482
Mar 25, 2013	Apr 24, 2013	0.273705
Apr 25, 2013	May 24, 2013	0.269242
May 28, 2013	Jun 24, 2013	0.258459
Jun 25, 2013	Jul 24, 2013	0.253811
Jul 25, 2013	Aug 23, 2013	0.250200
Aug 26, 2013	Sep 24, 2013	0.244104
Sep 25, 2013	Oct 24, 2013	0.238692
Oct 25, 2013	Nov 22, 2013	0.232278
Nov 25, 2013	Dec 24, 2013	0.224065
Dec 26, 2013	Jan 24, 2014	0.218346
Jan 27, 2014	Feb 24, 2014	0.213096
Feb 25, 2014	Mar 24, 2014	0.208052
Mar 25, 2014	Apr 24, 2014	0.205868
Apr 25, 2014	May 23, 2014	0.203696
May 27, 2014	Jun 24, 2014	0.200757
Jun 25, 2014	Jul 24, 2014	0.196245
Jul 25, 2014	Aug 22, 2014	0.194382
Aug 25, 2014	Sep 24, 2014	0.190810
Sep 25, 2014	Oct 24, 2014	0.185789
Oct 27, 2014	Nov 24, 2014	0.183885
Nov 25, 2014	Dec 24, 2014	0.178225
Dec 26, 2014	Jan 23, 2015	0.174406
Jan 26, 2015	Feb 24, 2015	0.169924
Feb 25, 2015	Mar 24, 2015	0.167649
Mar 25, 2015	Apr 24, 2015	0.164002
Apr 27, 2015	May 22, 2015	0.161772
May 26, 2015	Jun 24, 2015	0.159451
Jun 25, 2015		0.156096

From	То	Factor
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.992246
Aug 27, 2007	Sep 24, 2007	0.984913
Sep 25, 2007	Oct 24, 2007	0.984901
Oct 25, 2007	Nov 23, 2007	0.982203
Nov 26, 2007	Dec 24, 2007	0.966725
Dec 26, 2007	Jan 24, 2008	0.966713
Jan 25, 2008	Feb 22, 2008	0.966700
Feb 25, 2008	Mar 24, 2008	0.966688
Mar 25, 2008	Apr 24, 2008	0.940520
Apr 25, 2008	May 23, 2008	0.920423
May 27, 2008	Jun 24, 2008	0.907686
Jun 25, 2008	Jul 24, 2008	0.889569
Jul 25, 2008	Aug 22, 2008	0.887037
Aug 25, 2008	Sep 24, 2008	0.879993
Sep 25, 2008	Oct 24, 2008	0.871994
Oct 27, 2008	Nov 24, 2008	0.867657
Nov 25, 2008	Dec 24, 2008	0.855940
Dec 26, 2008	Jan 23, 2009	0.855401
Jan 26, 2009	Feb 24, 2009	0.855389
Feb 25, 2009	Mar 24, 2009	0.843436
Mar 25, 2009	Apr 24, 2009	0.807402
Apr 27, 2009	May 22, 2009	0.763815
May 26, 2009	Jun 24, 2009	0.742914
Jun 25, 2009	Jul 24, 2009	0.699436
Jul 27, 2009	Aug 24, 2009	0.675814
Aug 25, 2009	Sep 24, 2009	0.651969
Sep 25, 2009	Oct 23, 2009	0.631895
Oct 26, 2009	Nov 24, 2009	0.629297
Nov 25, 2009	Dec 24, 2009	0.617946
Dec 28, 2009	Jan 22, 2010	0.612331
Jan 25, 2010	Feb 24, 2010	0.603071
Feb 25, 2010	Mar 24, 2010	0.593624
Mar 25, 2010	Apr 23, 2010	0.581306
Apr 26, 2010	May 24, 2010	0.560357
May 25, 2010	Jun 24, 2010	0.549029
Jun 25, 2010	Jul 23, 2010	0.527643
Jul 26, 2010	Aug 24, 2010	0.527631
Aug 25, 2010	Sep 24, 2010	0.520431
Sep 27, 2010	Oct 22, 2010	0.509654
Oct 25, 2010	Nov 24, 2010	0.492355
Nov 26, 2010	Dec 23, 2010	0.471996
Dec 27, 2010 Jan 25, 2011	Jan 24, 2011 Feb 24, 2011	0.442917
Feb 25, 2011	Mar 24, 2011	0.426831
Mar 25, 2011	Apr 22, 2011	0.406041
Apr 25, 2011	May 24, 2011	0.383793
May 25, 2011	Jun 24, 2011	0.361524
Jun 27, 2011	Jul 22, 2011	0.360554
Jul 25, 2011	Aug 24, 2011	0.350369
	<u> </u>	0.340400

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.340576
Sep 26, 2011	Oct 24, 2011	0.323880
Oct 25, 2011	Nov 23, 2011	0.323868
Nov 25, 2011	Dec 23, 2011	0.301640
Dec 27, 2011	Jan 24, 2012	0.301628
Jan 25, 2012	Feb 24, 2012	0.301616
Feb 27, 2012	Mar 23, 2012	0.296226
Mar 26, 2012	Apr 24, 2012	0.292556
Apr 25, 2012	May 24, 2012	0.288574
May 25, 2012	Jun 22, 2012	0.284367
Jun 25, 2012	Jul 24, 2012	0.277527
Jul 25, 2012	Aug 24, 2012	0.273399
Aug 27, 2012	Sep 24, 2012	0.267594
Sep 25, 2012	Oct 24, 2012	0.263474
Oct 25, 2012	Nov 23, 2012	0.256490
Nov 26, 2012	Dec 24, 2012	0.252086
Dec 26, 2012	Jan 24, 2013	0.243825
Jan 25, 2013	Feb 22, 2013	0.238844
Feb 25, 2013	Mar 22, 2013	0.235311
Mar 25, 2013	Apr 24, 2013	0.231275
Apr 25, 2013	May 24, 2013	0.227504
May 28, 2013	Jun 24, 2013	0.218392
Jun 25, 2013	Jul 24, 2013	0.214465
Jul 25, 2013	Aug 23, 2013	0.211414
Aug 26, 2013	Sep 24, 2013	0.206263
Sep 25, 2013	Oct 24, 2013	0.201690
Oct 25, 2013	Nov 22, 2013	0.196270
Nov 25, 2013	Dec 24, 2013	0.189331
Dec 26, 2013	Jan 24, 2014	0.184498
Jan 27, 2014	Feb 24, 2014	0.180061
Feb 25, 2014	Mar 24, 2014	0.175799
Mar 25, 2014	Apr 24, 2014	0.173954
Apr 25, 2014	May 23, 2014	0.172119
May 27, 2014	Jun 24, 2014	0.169635
Jun 25, 2014	Jul 24, 2014	0.165823
Jul 25, 2014	Aug 22, 2014	0.164248
Aug 25, 2014	Sep 24, 2014	0.161230
Sep 25, 2014	Oct 24, 2014	0.156988
Oct 27, 2014	Nov 24, 2014	0.155379
Nov 25, 2014	Dec 24, 2014	0.150596
Dec 26, 2014	Jan 23, 2015	0.147370
Jan 26, 2015	Feb 24, 2015	0.143582
Feb 25, 2015	Mar 24, 2015	0.141660
Mar 25, 2015	Apr 24, 2015	0.138578
Apr 27, 2015	May 22, 2015	0.136694
May 26, 2015	Jun 24, 2015	0.134732
Jun 25, 2015		0.131898

From	То	Factor
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.988667
Aug 27, 2007	Sep 24, 2007	0.977335
Sep 25, 2007	Oct 24, 2007	0.969488
Oct 25, 2007	Nov 23, 2007	0.958156
Nov 26, 2007	Dec 24, 2007	0.946823
Dec 26, 2007	Jan 24, 2008	0.936596
Jan 25, 2008	Feb 22, 2008	0.929945
Feb 25, 2008	Mar 24, 2008	0.919314
Mar 25, 2008	Apr 24, 2008	0.907981
Apr 25, 2008	May 23, 2008	0.896649
May 27, 2008	Jun 24, 2008	0.885316
Jun 25, 2008	Jul 24, 2008	0.873983
Jul 25, 2008	Aug 22, 2008	0.862651
Aug 25, 2008	Sep 24, 2008	0.851318
Sep 25, 2008	Oct 24, 2008	0.839986
Oct 27, 2008	Nov 24, 2008	0.828653
Nov 25, 2008	Dec 24, 2008	0.817321
Dec 26, 2008	Jan 23, 2009	0.805988
Jan 26, 2009	Feb 24, 2009	0.801070
Feb 25, 2009	Mar 24, 2009	0.789738
Mar 25, 2009	Apr 24, 2009	0.778405
Apr 27, 2009	May 22, 2009	0.767072
May 26, 2009	Jun 24, 2009	0.755740
Jun 25, 2009	Jul 24, 2009	0.744407
Jul 27, 2009	Aug 24, 2009	0.733075
Aug 25, 2009	Sep 24, 2009	0.721742
Sep 25, 2009	Oct 23, 2009	0.710410
Oct 26, 2009	Nov 24, 2009	0.699077
Nov 25, 2009	Dec 24, 2009	0.687745
Dec 28, 2009	Jan 22, 2010	0.676412
Jan 25, 2010	Feb 24, 2010	0.665080
Feb 25, 2010	Mar 24, 2010	0.653747
Mar 25, 2010	Apr 23, 2010	0.642414
Apr 26, 2010	May 24, 2010	0.631082
May 25, 2010	Jun 24, 2010	0.619749
Jun 25, 2010	Jul 23, 2010	0.608417
Jul 26, 2010	Aug 24, 2010	0.597313
Aug 25, 2010	Sep 24, 2010	0.585981
Sep 27, 2010	Oct 22, 2010	0.574648
Oct 25, 2010	Nov 24, 2010	0.563315
Nov 26, 2010	Dec 23, 2010	0.551983
Dec 27, 2010	Jan 24, 2011	0.540650
Jan 25, 2011	Feb 24, 2011	0.529318
Feb 25, 2011	Mar 24, 2011	0.517985
Mar 25, 2011	Apr 22, 2011	0.506653
Apr 25, 2011	May 24, 2011	0.495320
May 25, 2011  Jun 27, 2011	Jun 24, 2011 Jul 22, 2011	0.483988
		0.472655
Jul 25, 2011	Aug 24, 2011	0.461322

Fram	To	Fostor
From Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u> 0.449990
Sep 26, 2011	Oct 24, 2011	0.449990
Oct 25, 2011	Nov 23, 2011	0.429469
Nov 25, 2011	Dec 23, 2011	0.418137
Dec 27, 2011	Jan 24, 2012	0.410019
Jan 25, 2012	Feb 24, 2012	0.402225
Feb 27, 2012	Mar 23, 2012	0.395038
Mar 26, 2012	Apr 24, 2012	0.390143
Apr 25, 2012	May 24, 2012	0.384833
May 25, 2012	Jun 22, 2012	0.379223
Jun 25, 2012	Jul 24, 2012	0.370101
Jul 25, 2012	Aug 24, 2012	0.364595
Aug 27, 2012	Sep 24, 2012	0.356855
Sep 25, 2012	Oct 24, 2012	0.351360
Oct 25, 2012	Nov 23, 2012	0.342046
Nov 26, 2012	Dec 24, 2012	0.336173
Dec 26, 2012	Jan 24, 2013	0.325158
Jan 25, 2013	Feb 22, 2013	0.318514
Feb 25, 2013	Mar 22, 2013	0.313803
Mar 25, 2013	Apr 24, 2013	0.308421
Apr 25, 2013	May 24, 2013	0.303392
May 28, 2013	Jun 24, 2013	0.291241
Jun 25, 2013	Jul 24, 2013	0.286004
Jul 25, 2013	Aug 23, 2013	0.281934
Aug 26, 2013	Sep 24, 2013	0.275065
Sep 25, 2013	Oct 24, 2013	0.268967
Oct 25, 2013	Nov 22, 2013	0.261740
Nov 25, 2013	Dec 24, 2013	0.252485
Dec 26, 2013	Jan 24, 2014	0.246040
Jan 27, 2014	Feb 24, 2014	0.240124
Feb 25, 2014	Mar 24, 2014	0.234440
Mar 25, 2014	Apr 24, 2014	0.231979
Apr 25, 2014	May 23, 2014	0.229532
May 27, 2014	Jun 24, 2014	0.226220
Jun 25, 2014	Jul 24, 2014	0.221136
Jul 25, 2014	Aug 22, 2014	0.219036
Aug 25, 2014	Sep 24, 2014	0.215012
Sep 25, 2014	Oct 24, 2014	0.209354
Oct 27, 2014	Nov 24, 2014	0.207208
Nov 25, 2014	Dec 24, 2014	0.200830
Dec 26, 2014	Jan 23, 2015	0.196527
Jan 26, 2015	Feb 24, 2015	0.191476
Feb 25, 2015	Mar 24, 2015	0.188913
Mar 25, 2015	Apr 24, 2015	0.184804
Apr 27, 2015	May 22, 2015	0.182291
May 26, 2015	Jun 24, 2015	0.179675
Jun 25, 2015		0.175894

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	0.982131
Mar 26, 2012	Apr 24, 2012	0.969960
Apr 25, 2012	May 24, 2012	0.956759
May 25, 2012	Jun 22, 2012	0.942813
Jun 25, 2012	Jul 24, 2012	0.920133
Jul 25, 2012	Aug 24, 2012	0.906446
Aug 27, 2012	Sep 24, 2012	0.887201
Sep 25, 2012	Oct 24, 2012	0.873540
Oct 25, 2012	Nov 23, 2012	0.850385
Nov 26, 2012	Dec 24, 2012	0.835784
Dec 26, 2012	Jan 24, 2013	0.808397
Jan 25, 2013	Feb 22, 2013	0.791880
Feb 25, 2013	Mar 22, 2013	0.780168
Mar 25, 2013	Apr 24, 2013	0.766787
Apr 25, 2013	May 24, 2013	0.754284
May 28, 2013	Jun 24, 2013	0.724074
Jun 25, 2013	Jul 24, 2013	0.711054
Jul 25, 2013	Aug 23, 2013	0.700936
Aug 26, 2013	Sep 24, 2013	0.683858
Sep 25, 2013	Oct 24, 2013	0.668698
Oct 25, 2013	Nov 22, 2013	0.650729
Nov 25, 2013	Dec 24, 2013	0.627721
Dec 26, 2013	Jan 24, 2014	0.611697
Jan 27, 2014	Feb 24, 2014	0.596989
Feb 25, 2014	Mar 24, 2014	0.582858
Mar 25, 2014	Apr 24, 2014	0.576739
Apr 25, 2014	May 23, 2014	0.570655
May 27, 2014	Jun 24, 2014	0.562421
Jun 25, 2014	Jul 24, 2014	0.549782
Jul 25, 2014	Aug 22, 2014	0.544561
Aug 25, 2014	Sep 24, 2014	0.534555
Sep 25, 2014	Oct 24, 2014	0.520490
Oct 27, 2014	Nov 24, 2014	0.515155
Nov 25, 2014	Dec 24, 2014	0.499297
Dec 26, 2014	Jan 23, 2015	0.488600
Jan 26, 2015	Feb 24, 2015	0.476043
Feb 25, 2015	Mar 24, 2015	0.469670
Mar 25, 2015	Apr 24, 2015	0.459453
Apr 27, 2015	May 22, 2015	0.453206
May 26, 2015	Jun 24, 2015	0.446702
Jun 25, 2015		0.437303

From	То	Factor
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011 Apr 25, 2011	Apr 22, 2011 May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000
Jul 23, 2011	, wb 27, 2011	1.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	0.985868
Mar 26, 2012	Apr 24, 2012	0.975718
Apr 25, 2012	May 24, 2012	0.966830
May 25, 2012	Jun 22, 2012	0.954388
Jun 25, 2012	Jul 24, 2012	0.931777
Jul 25, 2012	Aug 24, 2012	0.919601
Aug 27, 2012	Sep 24, 2012	0.902231
Sep 25, 2012	Oct 24, 2012	0.889471
Oct 25, 2012	Nov 23, 2012	0.871182
Nov 26, 2012	Dec 24, 2012	0.857269
Dec 26, 2012	Jan 24, 2013	0.832708
Jan 25, 2013	Feb 22, 2013	0.820099
Feb 25, 2013	Mar 22, 2013	0.808888
Mar 25, 2013	Apr 24, 2013	0.795713
Apr 25, 2013	May 24, 2013	0.785197
May 28, 2013	Jun 24, 2013	0.758923
Jun 25, 2013	Jul 24, 2013	0.745276
Jul 25, 2013	Aug 23, 2013	0.738485
Aug 26, 2013	Sep 24, 2013	0.721643
Sep 25, 2013	Oct 24, 2013	0.706166
Oct 25, 2013	Nov 22, 2013	0.688614
Nov 25, 2013	Dec 24, 2013	0.665182
Dec 26, 2013	Jan 24, 2014	0.649769
Jan 27, 2014	Feb 24, 2014	0.636223
Feb 25, 2014	Mar 24, 2014	0.621472
Mar 25, 2014	Apr 24, 2014	0.615289
Apr 25, 2014	May 23, 2014	0.609108
May 27, 2014	Jun 24, 2014	0.601216
Jun 25, 2014	Jul 24, 2014	0.591025
Jul 25, 2014	Aug 22, 2014	0.585413
Aug 25, 2014	Sep 24, 2014	0.574656
Sep 25, 2014	Oct 24, 2014	0.559536
Oct 27, 2014	Nov 24, 2014	0.553801
Nov 25, 2014	Dec 24, 2014	0.536753
Dec 26, 2014	Jan 23, 2015	0.525254
Jan 26, 2015	Feb 24, 2015	0.511754
Feb 25, 2015	Mar 24, 2015	0.504903
Mar 25, 2015	Apr 24, 2015	0.493920
Apr 27, 2015	May 22, 2015	0.487205
May 26, 2015	Jun 24, 2015	0.480213
Jun 25, 2015		0.470108

From	То	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	1.000000
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	0.932325
Mar 26, 2012	Apr 24, 2012	0.893208
Apr 25, 2012	May 24, 2012	0.822518
May 25, 2012	Jun 22, 2012	0.788516
Jun 25, 2012	Jul 24, 2012	0.764912
Jul 25, 2012	Aug 24, 2012	0.731083
Aug 27, 2012	Sep 24, 2012	0.686836
Sep 25, 2012	Oct 24, 2012	0.661180
Oct 25, 2012	Nov 23, 2012	0.573159
Nov 26, 2012	Dec 24, 2012	0.549385
Dec 26, 2012	Jan 24, 2013	0.484323
Jan 25, 2013	Feb 22, 2013	0.415717
Feb 25, 2013	Mar 22, 2013	0.397321
Mar 25, 2013	Apr 24, 2013	0.381194
Apr 25, 2013	May 24, 2013	0.342212
May 28, 2013	Jun 24, 2013	0.259528
Jun 25, 2013	Jul 24, 2013	0.254862
Jul 25, 2013	Aug 23, 2013	0.200407
Aug 26, 2013	Sep 24, 2013	0.180185
Sep 25, 2013	Oct 24, 2013	0.169245
Oct 25, 2013	Nov 22, 2013	0.145715
Nov 25, 2013	Dec 24, 2013	0.128358
Dec 26, 2013	Jan 24, 2014	0.104203
Jan 27, 2014	Feb 24, 2014	0.073995
Feb 25, 2014	Mar 24, 2014	0.068124
Mar 25, 2014	Apr 24, 2014	0.062865
Apr 25, 2014	May 23, 2014	0.058072
May 27, 2014	Jun 24, 2014	0.045281
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000
	<u> </u>	

From	То	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.989499
Aug 27, 2007	Sep 24, 2007	0.979203
Sep 25, 2007	Oct 24, 2007	0.974535
Oct 25, 2007	Nov 23, 2007	0.966492
Nov 26, 2007	Dec 24, 2007	0.952237
Dec 26, 2007	Jan 24, 2008	0.946155
Jan 25, 2008	Feb 22, 2008	0.942198
Feb 25, 2008	Mar 24, 2008	0.935876
Mar 25, 2008	Apr 24, 2008	0.916425
Apr 25, 2008	May 23, 2008	0.899925
May 27, 2008	Jun 24, 2008	0.887002
Jun 25, 2008	Jul 24, 2008	0.871464
Jul 25, 2008	Aug 22, 2008	0.863501
Aug 25, 2008	Sep 24, 2008	0.853345
Sep 25, 2008	Oct 24, 2008	0.842725
Oct 27, 2008	Nov 24, 2008	0.833884
Nov 25, 2008	Dec 24, 2008	0.821457
Dec 26, 2008	Jan 23, 2009	
Jan 26, 2009	Feb 24, 2009	0.814463 0.811536
Feb 25, 2009	Mar 24, 2009	
Mar 25, 2009	Apr 24, 2009	0.798994
Apr 27, 2009	May 22, 2009	0.774747
May 26, 2009	Jun 24, 2009	0.746830 0.729939
Jun 25, 2009	Jul 24, 2009	0.702074
Jul 27, 2009	Aug 24, 2009	0.683860
Aug 25, 2009	Sep 24, 2009	0.665538
Sep 25, 2009	Oct 23, 2009	0.649049
Oct 26, 2009	Nov 24, 2009	0.641054
Nov 25, 2009	Dec 24, 2009	0.628804
Dec 28, 2009	Jan 22, 2010	0.619343
Jan 25, 2010	Feb 24, 2010	0.608110
Feb 25, 2010	Mar 24, 2010	0.596786
Mar 25, 2010	Apr 23, 2010	0.584067
Apr 26, 2010	May 24, 2010	0.567152
May 25, 2010	Jun 24, 2010	0.554914
Jun 25, 2010	Jul 23, 2010	0.537787
Jul 26, 2010	Aug 24, 2010	0.537787
Aug 25, 2010	Sep 24, 2010	0.520953
Sep 27, 2010	Oct 22, 2010	0.508983
Oct 25, 2010	Nov 24, 2010	0.493843
Nov 26, 2010	Dec 23, 2010	0.477215
Dec 27, 2010	Jan 24, 2011	0.456349
Jan 25, 2011	Feb 24, 2011	0.441798
Feb 25, 2011	Mar 24, 2011	0.424961
Mar 25, 2011	Apr 22, 2011	0.407415
Apr 25, 2011	May 24, 2011	0.389859
May 25, 2011	Jun 24, 2011	0.382655
Jun 27, 2011	Jul 22, 2011	0.370972
Jul 25, 2011	Aug 24, 2011	0.363322

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.352748
Sep 26, 2011	Oct 24, 2011	0.337901
Oct 25, 2011	Nov 23, 2011	0.332437
Nov 25, 2011	Dec 23, 2011	0.314901
Dec 27, 2011	Jan 24, 2012	0.310073
Jan 25, 2012	Feb 24, 2012	0.305437
Feb 27, 2012	Mar 23, 2012	0.299979
Mar 26, 2012	Apr 24, 2012	0.296262
Apr 25, 2012	May 24, 2012	0.292229
May 25, 2012	Jun 22, 2012	0.287970
Jun 25, 2012	Jul 24, 2012	0.281042
Jul 25, 2012	Aug 24, 2012	0.276862
Aug 27, 2012	Sep 24, 2012	0.270984
Sep 25, 2012	Oct 24, 2012	0.266811
Oct 25, 2012	Nov 23, 2012	0.259739
Nov 26, 2012	Dec 24, 2012	0.255279
Dec 26, 2012	Jan 24, 2013	0.246914
Jan 25, 2013	Feb 22, 2013	0.241869
Feb 25, 2013	Mar 22, 2013	0.238292
Mar 25, 2013	Apr 24, 2013	0.234205
Apr 25, 2013	May 24, 2013	0.230386
May 28, 2013	Jun 24, 2013	0.221159
Jun 25, 2013	Jul 24, 2013	0.217182
Jul 25, 2013	Aug 23, 2013	0.214092
Aug 26, 2013	Sep 24, 2013	0.208876
Sep 25, 2013	Oct 24, 2013	0.204245
Oct 25, 2013	Nov 22, 2013	0.198757
Nov 25, 2013	Dec 24, 2013	0.191729
Dec 26, 2013	Jan 24, 2014	0.186835
Jan 27, 2014	Feb 24, 2014	0.182342
Feb 25, 2014	Mar 24, 2014	0.178026
Mar 25, 2014	Apr 24, 2014	0.176157
Apr 25, 2014	May 23, 2014	0.174299
May 27, 2014	Jun 24, 2014	0.171784
Jun 25, 2014	Jul 24, 2014	0.167924
Jul 25, 2014	Aug 22, 2014	0.166329
Aug 25, 2014	Sep 24, 2014	0.163273
Sep 25, 2014	Oct 24, 2014	0.158977
Oct 27, 2014	Nov 24, 2014	0.157347
Nov 25, 2014	Dec 24, 2014	0.152504
Dec 26, 2014	Jan 23, 2015	0.149237
Jan 26, 2015	Feb 24, 2015	0.145401
Feb 25, 2015	Mar 24, 2015	0.143454
Mar 25, 2015	Apr 24, 2015	0.140334
Apr 27, 2015	May 22, 2015	0.138426
May 26, 2015	Jun 24, 2015	0.136439
Jun 25, 2015		0.133568

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	1.000000
Aug 27, 2007	Sep 24, 2007	1.000000
Sep 25, 2007	Oct 24, 2007	1.000000
Oct 25, 2007	Nov 23, 2007	1.000000
Nov 26, 2007	Dec 24, 2007	1.000000
Dec 26, 2007	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	1.000000
Feb 25, 2008	Mar 24, 2008	1.000000
Mar 25, 2008	Apr 24, 2008	1.000000
Apr 25, 2008	May 23, 2008	1.000000
May 27, 2008	Jun 24, 2008	1.000000
Jun 25, 2008	Jul 24, 2008	1.000000
Jul 25, 2008	Aug 22, 2008	1.000000
Aug 25, 2008	Sep 24, 2008	1.000000
Sep 25, 2008	Oct 24, 2008	1.000000
Oct 27, 2008	Nov 24, 2008	1.000000
Nov 25, 2008	Dec 24, 2008	1.000000
Dec 26, 2008	Jan 23, 2009	1.000000
Jan 26, 2009	Feb 24, 2009	1.000000
Feb 25, 2009	Mar 24, 2009	
Mar 25, 2009	Apr 24, 2009	1.000000
Apr 27, 2009	May 22, 2009	1.000000
May 26, 2009	Jun 24, 2009	1.000000
Jun 25, 2009	Jul 24, 2009	1.000000
Jul 27, 2009	Aug 24, 2009	1.000000
Aug 25, 2009	Sep 24, 2009	1.000000
Sep 25, 2009	Oct 23, 2009	1.000000
Oct 26, 2009	Nov 24, 2009	1.000000
Nov 25, 2009	Dec 24, 2009	1.000000
Dec 28, 2009	Jan 22, 2010	1.000000
Jan 25, 2010	Feb 24, 2010	1.000000
Feb 25, 2010	Mar 24, 2010	1.000000
Mar 25, 2010	Apr 23, 2010	1.000000
Apr 26, 2010	May 24, 2010	1.000000
May 25, 2010	Jun 24, 2010	1.000000
Jun 25, 2010	Jul 23, 2010	1.000000
Jul 26, 2010	Aug 24, 2010	1.000000
Aug 25, 2010	Sep 24, 2010	1.000000
Sep 27, 2010	Oct 22, 2010	1.000000
Oct 25, 2010	Nov 24, 2010	1.000000
Nov 26, 2010	Dec 23, 2010	1.000000
Dec 27, 2010	Jan 24, 2011	1.000000
Jan 25, 2011	Feb 24, 2011	1.000000
Feb 25, 2011	Mar 24, 2011	1.000000
Mar 25, 2011	Apr 22, 2011	1.000000
Apr 25, 2011	May 24, 2011	1.000000
May 25, 2011	Jun 24, 2011	1.000000
Jun 27, 2011	Jul 22, 2011	1.000000
Jul 25, 2011	Aug 24, 2011	1.000000

<b>-</b>	<del>-</del> .	F1
From Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u> 1.000000
Sep 26, 2011	Oct 24, 2011	1.000000
Oct 25, 2011	Nov 23, 2011	1.000000
Nov 25, 2011	Dec 23, 2011	1.000000
Dec 27, 2011	Jan 24, 2012	1.000000
Jan 25, 2012	Feb 24, 2012	1.000000
Feb 27, 2012	Mar 23, 2012	0.982131
Mar 26, 2012	Apr 24, 2012	0.969960
Apr 25, 2012	May 24, 2012	0.956759
May 25, 2012	Jun 22, 2012	0.942813
Jun 25, 2012	Jul 24, 2012	0.920133
Jul 25, 2012	Aug 24, 2012	0.906446
Aug 27, 2012	Sep 24, 2012	0.887201
Sep 25, 2012	Oct 24, 2012	0.873540
Oct 25, 2012	Nov 23, 2012	0.850385
Nov 26, 2012	Dec 24, 2012	0.835784
Dec 26, 2012	Jan 24, 2013	0.808397
Jan 25, 2013	Feb 22, 2013	0.791880
Feb 25, 2013	Mar 22, 2013	0.780168
Mar 25, 2013	Apr 24, 2013	0.766787
Apr 25, 2013	May 24, 2013	0.754284
May 28, 2013	Jun 24, 2013	0.724074
Jun 25, 2013	Jul 24, 2013	0.711054
Jul 25, 2013	Aug 23, 2013	0.700936
Aug 26, 2013	Sep 24, 2013	0.683858
Sep 25, 2013	Oct 24, 2013	0.668698
Oct 25, 2013	Nov 22, 2013	0.650729
Nov 25, 2013	Dec 24, 2013	0.627721
Dec 26, 2013	Jan 24, 2014	0.611697
Jan 27, 2014	Feb 24, 2014	0.596989
Feb 25, 2014	Mar 24, 2014	0.582858
Mar 25, 2014	Apr 24, 2014	0.576739
Apr 25, 2014	May 23, 2014	0.570655
May 27, 2014	Jun 24, 2014	0.562421
Jun 25, 2014	Jul 24, 2014	0.549782
Jul 25, 2014	Aug 22, 2014	0.544561
Aug 25, 2014	Sep 24, 2014	0.534555
Sep 25, 2014	Oct 24, 2014	0.520490
Oct 27, 2014	Nov 24, 2014	0.515155
Nov 25, 2014	Dec 24, 2014	0.499297
Dec 26, 2014	Jan 23, 2015	0.488600
Jan 26, 2015	Feb 24, 2015	0.476043
Feb 25, 2015	Mar 24, 2015	0.469670
Mar 25, 2015	Apr 24, 2015	0.459453
Apr 27, 2015	May 22, 2015	0.453206
May 26, 2015	Jun 24, 2015	0.446702
Jun 25, 2015		0.437303

From	То	<u>Factor</u>
<del></del>	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.992935
Aug 27, 2007	Sep 24, 2007	0.986008
Sep 25, 2007	Oct 24, 2007	0.982868
Oct 25, 2007	Nov 23, 2007	0.977457
Nov 26, 2007	Dec 24, 2007	0.967866
Dec 26, 2007	Jan 24, 2008	0.963775
Jan 25, 2008	Feb 22, 2008	0.961112
Feb 25, 2008	Mar 24, 2008	0.956860
Mar 25, 2008	Apr 24, 2008	0.943773
Apr 25, 2008	May 23, 2008	0.932672
May 27, 2008	Jun 24, 2008	0.923978
Jun 25, 2008	Jul 24, 2008	0.913525
Jul 25, 2008	Aug 22, 2008	0.908167
Aug 25, 2008	Sep 24, 2008	0.901335
Sep 25, 2008	Oct 24, 2008	0.894190
Oct 27, 2008	Nov 24, 2008	0.888242
Nov 25, 2008	Dec 24, 2008	0.879882
Dec 26, 2008	Jan 23, 2009	0.875176
Jan 26, 2009	Feb 24, 2009	
Feb 25, 2009	Mar 24, 2009	0.873207
Mar 25, 2009	Apr 24, 2009	0.864769
Apr 27, 2009	May 22, 2009	0.848457
May 26, 2009	Jun 24, 2009	0.829674
Jun 25, 2009	Jul 24, 2009	0.818311
Jul 27, 2009	Aug 24, 2009	0.799564
Aug 25, 2009	Sep 24, 2009	0.787310
Sep 25, 2009	Oct 23, 2009	0.774984
Oct 26, 2009	Nov 24, 2009	0.763890
Nov 25, 2009	Dec 24, 2009	0.758511
Dec 28, 2009	Jan 22, 2010	0.750270
Jan 25, 2010	Feb 24, 2010	0.743905
Feb 25, 2010	Mar 24, 2010	0.736348
Mar 25, 2010	Apr 23, 2010	0.728730
Apr 26, 2010	May 24, 2010	0.720172
May 25, 2010	Jun 24, 2010	0.708793
Jun 25, 2010	Jul 23, 2010	0.700559
Jul 26, 2010	Aug 24, 2010	0.689037
Aug 25, 2010	Sep 24, 2010	0.684595
Sep 27, 2010	Oct 22, 2010	0.677711
Oct 25, 2010	Nov 24, 2010	0.669658
Nov 26, 2010	Dec 23, 2010	0.659472
Dec 27, 2010	Jan 24, 2011	0.648286
Jan 25, 2011	Feb 24, 2011	0.634248
Feb 25, 2011	Mar 24, 2011	0.624458
Mar 25, 2011	Apr 22, 2011	0.613131
Apr 25, 2011	May 24, 2011	0.601326 0.589515
May 25, 2011	Jun 24, 2011	0.584669
Jun 27, 2011	Jul 22, 2011	0.576809
Jul 25, 2011	Aug 24, 2011	0.571662
		0.371002

From Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	0.564548
Oct 25, 2011	Nov 23, 2011	0.554560
Nov 25, 2011	Dec 23, 2011	0.550883
Dec 27, 2011	Jan 24, 2012	0.539086
Jan 25, 2012	Feb 24, 2012	0.535837
Feb 27, 2012	Mar 23, 2012	0.532718
Mar 26, 2012	Apr 24, 2012	0.465937
Apr 25, 2012	May 24, 2012	0.428474
May 25, 2012	Jun 22, 2012	0.355347
Jun 25, 2012	Jul 24, 2012	0.324859
Jul 25, 2012	Aug 24, 2012	0.311715
Aug 27, 2012	Sep 24, 2012	0.281267
Sep 25, 2012	Oct 24, 2012	0.242271
Oct 25, 2012	Nov 23, 2012	0.221202
Nov 26, 2012	Dec 24, 2012	0.134290
Dec 26, 2012	Jan 24, 2013	0.115967
Jan 25, 2013	Feb 22, 2013	0.058063
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
	Juli 27, 2013	0.000000
Jun 25, 2015		0.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.992935
Aug 27, 2007	Sep 24, 2007	0.986008
Sep 25, 2007	Oct 24, 2007	0.982868
Oct 25, 2007	Nov 23, 2007	0.977457
Nov 26, 2007	Dec 24, 2007	0.967866
Dec 26, 2007	Jan 24, 2008	0.963775
Jan 25, 2008	Feb 22, 2008	0.961112
Feb 25, 2008	Mar 24, 2008	0.956860
Mar 25, 2008	Apr 24, 2008	0.943773
Apr 25, 2008	May 23, 2008	0.932672
May 27, 2008	Jun 24, 2008	0.923978
Jun 25, 2008	Jul 24, 2008	0.913525
Jul 25, 2008	Aug 22, 2008	0.908167
Aug 25, 2008	Sep 24, 2008	0.901335
Sep 25, 2008	Oct 24, 2008	0.894190
Oct 27, 2008	Nov 24, 2008	0.888242
Nov 25, 2008	Dec 24, 2008	0.879882
Dec 26, 2008	Jan 23, 2009	0.875176
Jan 26, 2009	Feb 24, 2009	0.873207
Feb 25, 2009	Mar 24, 2009	0.864769
Mar 25, 2009	Apr 24, 2009	0.848457
Apr 27, 2009	May 22, 2009	0.829674
May 26, 2009	Jun 24, 2009	0.818311
Jun 25, 2009	Jul 24, 2009	0.799564
Jul 27, 2009	Aug 24, 2009	0.787310
Aug 25, 2009	Sep 24, 2009	0.774984
Sep 25, 2009	Oct 23, 2009	0.763890
Oct 26, 2009	Nov 24, 2009	0.758511
Nov 25, 2009	Dec 24, 2009	0.750270
Dec 28, 2009	Jan 22, 2010	0.743905
Jan 25, 2010	Feb 24, 2010	0.736348
Feb 25, 2010	Mar 24, 2010	0.728730
Mar 25, 2010	Apr 23, 2010	0.720172
Apr 26, 2010	May 24, 2010	0.708793
May 25, 2010	Jun 24, 2010	0.700559
Jun 25, 2010	Jul 23, 2010	0.689037
Jul 26, 2010	Aug 24, 2010	0.684595
Aug 25, 2010	Sep 24, 2010	0.677711
Sep 27, 2010	Oct 22, 2010	0.669658
Oct 25, 2010	Nov 24, 2010	0.659472
Nov 26, 2010	Dec 23, 2010	0.648286
Dec 27, 2010	Jan 24, 2011	0.634248
Jan 25, 2011	Feb 24, 2011	0.624458
Feb 25, 2011	Mar 24, 2011	0.613131
Mar 25, 2011 Apr 25, 2011	Apr 22, 2011 May 24, 2011	0.601326
May 25, 2011	Jun 24, 2011	0.589515
Jun 27, 2011	Jul 22, 2011	0.584669
Jul 25, 2011	Aug 24, 2011	0.576809
		0.571662

From Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	0.564548
Oct 25, 2011	Nov 23, 2011	0.554560
Nov 25, 2011	Dec 23, 2011	0.550883
Dec 27, 2011	Jan 24, 2012	0.539086
Jan 25, 2012	Feb 24, 2012	0.535837
Feb 27, 2012	Mar 23, 2012	0.532718
Mar 26, 2012	Apr 24, 2012	0.523947
Apr 25, 2012	May 24, 2012	0.517867
May 25, 2012	Jun 22, 2012	0.511697
Jun 25, 2012	Jul 24, 2012	0.504569
Jul 25, 2012	Aug 24, 2012	0.492501
Aug 27, 2012	Sep 24, 2012	0.485512
Sep 25, 2012	Oct 24, 2012	0.475634
Oct 25, 2012	Nov 23, 2012	0.468537
Nov 26, 2012	Dec 24, 2012	0.457175
Dec 26, 2012	Jan 24, 2013	0.449534
Jan 25, 2013	Feb 22, 2013	0.435510
Feb 25, 2013	Mar 22, 2013	0.427493
Mar 25, 2013	Apr 24, 2013	0.421354
Apr 25, 2013	May 24, 2013	0.414267
May 28, 2013	Jun 24, 2013	0.408004
Jun 25, 2013	Jul 24, 2013	0.392697
Jul 25, 2013	Aug 23, 2013	0.385636
Aug 26, 2013	Sep 24, 2013	0.380911
Sep 25, 2013	Oct 24, 2013	0.371861
Oct 25, 2013	Nov 22, 2013	0.363722
Nov 25, 2013	Dec 24, 2013	0.354232
Dec 26, 2013	Jan 24, 2014	0.341891
Jan 27, 2014	Feb 24, 2014	0.333477
Feb 25, 2014	Mar 24, 2014	0.325874
Mar 25, 2014	Apr 24, 2014	0.318222
Apr 25, 2014	May 23, 2014	0.314950
May 27, 2014	Jun 24, 2014	0.311689
Jun 25, 2014	Jul 24, 2014	0.307371
Jul 25, 2014	Aug 22, 2014	0.301128
Aug 25, 2014	Sep 24, 2014	0.298268
Sep 25, 2014	Oct 24, 2014	0.292788
Oct 27, 2014	Nov 24, 2014	0.285084
Nov 25, 2014	Dec 24, 2014	0.282162
Dec 26, 2014	Jan 23, 2015	0.273476
Jan 26, 2015	Feb 24, 2015	0.267617
Feb 25, 2015	Mar 24, 2015	0.260739
Mar 25, 2015	Apr 24, 2015	0.257248
Apr 27, 2015	May 22, 2015	0.251652
May 26, 2015	Jun 24, 2015	0.248231
	Juli 24, 2013	0.244669
Jun 25, 2015		0.239521

From	То	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.994501
Aug 27, 2007	Sep 24, 2007	0.982857
Sep 25, 2007	Oct 24, 2007	0.976243
Oct 25, 2007	Nov 23, 2007	0.966325
Nov 26, 2007	Dec 24, 2007	0.962660
Dec 26, 2007	Jan 24, 2008	0.959354
Jan 25, 2008	Feb 22, 2008	0.952703
Feb 25, 2008	Mar 24, 2008	0.934125
Mar 25, 2008	Apr 24, 2008	0.924151
Apr 25, 2008	May 23, 2008	0.906662
May 27, 2008	Jun 24, 2008	0.894984
Jun 25, 2008	Jul 24, 2008	0.872832
Jul 25, 2008	Aug 22, 2008	0.867325
Aug 25, 2008	Sep 24, 2008	0.858280
Sep 25, 2008	Oct 24, 2008	0.856324
Oct 27, 2008	Nov 24, 2008	0.853129
Nov 25, 2008	Dec 24, 2008	0.849988
Dec 26, 2008	Jan 23, 2009	0.848260
Jan 26, 2009	Feb 24, 2009	0.846551
Feb 25, 2009	Mar 24, 2009	0.842858
Mar 25, 2009	Apr 24, 2009	0.835999
Apr 27, 2009	May 22, 2009	0.825638
May 26, 2009	Jun 24, 2009	0.813106
Jun 25, 2009	Jul 24, 2009	0.806594
Jul 27, 2009	Aug 24, 2009	0.792921
Aug 25, 2009	Sep 24, 2009	0.773297
Sep 25, 2009	Oct 23, 2009	0.766157
Oct 26, 2009	Nov 24, 2009	0.757678
Nov 25, 2009	Dec 24, 2009	0.755386
Dec 28, 2009	Jan 22, 2010	0.751344
Jan 25, 2010	Feb 24, 2010	0.749060
Feb 25, 2010	Mar 24, 2010	0.743800
Mar 25, 2010	Apr 23, 2010	0.741427
Apr 26, 2010	May 24, 2010	0.732957
May 25, 2010	Jun 24, 2010	0.727119
Jun 25, 2010	Jul 23, 2010	0.717047
Jul 26, 2010	Aug 24, 2010	0.714933
Aug 25, 2010	Sep 24, 2010	0.710691
Sep 27, 2010	Oct 22, 2010	0.703858
Oct 25, 2010	Nov 24, 2010	0.684655
Nov 26, 2010	Dec 23, 2010	0.673271
Dec 27, 2010	Jan 24, 2011	0.665988
Jan 25, 2011	Feb 24, 2011	0.660187
Feb 25, 2011	Mar 24, 2011	0.650328
Mar 25, 2011	Apr 22, 2011	0.640627
Apr 25, 2011	May 24, 2011	0.630482
May 25, 2011 Jun 27, 2011	Jun 24, 2011 Jul 22, 2011	0.625566
Jul 25, 2011	Aug 24, 2011	0.624867
Jul 23, 2011	74, 2011	0.624020

F	<b>T</b> -	F4
From Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u> 0.617583
Sep 26, 2011	Oct 24, 2011	0.603630
Oct 25, 2011	Nov 23, 2011	0.600211
Nov 25, 2011	Dec 23, 2011	0.595295
Dec 27, 2011	Jan 24, 2012	0.591301
Jan 25, 2012	Feb 24, 2012	0.589560
Feb 27, 2012	Mar 23, 2012	0.580587
Mar 26, 2012	Apr 24, 2012	0.577763
Apr 25, 2012	May 24, 2012	0.563751
May 25, 2012	Jun 22, 2012	0.562388
Jun 25, 2012	Jul 24, 2012	0.555689
Jul 25, 2012	Aug 24, 2012	0.550268
Aug 27, 2012	Sep 24, 2012	0.545591
Sep 25, 2012	Oct 24, 2012	0.540671
Oct 25, 2012	Nov 23, 2012	0.528700
Nov 26, 2012	Dec 24, 2012	0.527337
Dec 26, 2012	Jan 24, 2013	0.510208
Jan 25, 2013	Feb 22, 2013	0.498712
Feb 25, 2013	Mar 22, 2013	0.495426
Mar 25, 2013	Apr 24, 2013	0.484860
Apr 25, 2013	May 24, 2013	0.479325
May 28, 2013	Jun 24, 2013	0.464391
Jun 25, 2013	Jul 24, 2013	0.457477
Jul 25, 2013	Aug 23, 2013	0.451628
Aug 26, 2013	Sep 24, 2013	0.435059
Sep 25, 2013	Oct 24, 2013	0.428909
Oct 25, 2013	Nov 22, 2013	0.417752
Nov 25, 2013	Dec 24, 2013	0.409228
Dec 26, 2013	Jan 24, 2014	0.399078
Jan 27, 2014	Feb 24, 2014	0.387080
Feb 25, 2014	Mar 24, 2014	0.383700
Mar 25, 2014	Apr 24, 2014	0.382119
Apr 25, 2014	May 23, 2014	0.378993
May 27, 2014	Jun 24, 2014	0.375981
Jun 25, 2014	Jul 24, 2014	0.369855
Jul 25, 2014	Aug 22, 2014	0.367087
Aug 25, 2014	Sep 24, 2014	0.358923
Sep 25, 2014	Oct 24, 2014	0.352840
Oct 27, 2014	Nov 24, 2014	0.349907
Nov 25, 2014	Dec 24, 2014	0.343877
Dec 26, 2014	Jan 23, 2015	0.338552
Jan 26, 2015	Feb 24, 2015	0.327769
Feb 25, 2015	Mar 24, 2015	0.323957
Mar 25, 2015	Apr 24, 2015	0.319081
Apr 27, 2015	May 22, 2015	0.316386
May 26, 2015	Jun 24, 2015	0.313041
Jun 25, 2015		0.304557

From	То	Factor
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.994501
Aug 27, 2007	Sep 24, 2007	0.982857
Sep 25, 2007	Oct 24, 2007	0.976243
Oct 25, 2007	Nov 23, 2007	0.966325
Nov 26, 2007	Dec 24, 2007	0.962660
Dec 26, 2007	Jan 24, 2008	0.959354
Jan 25, 2008	Feb 22, 2008	0.952703
Feb 25, 2008	Mar 24, 2008	0.934125
Mar 25, 2008	Apr 24, 2008	0.924151
Apr 25, 2008	May 23, 2008	0.906662
May 27, 2008	Jun 24, 2008	0.894984
Jun 25, 2008	Jul 24, 2008	0.872832
Jul 25, 2008	Aug 22, 2008	0.867325
Aug 25, 2008	Sep 24, 2008	0.858280
Sep 25, 2008	Oct 24, 2008	0.856324
Oct 27, 2008	Nov 24, 2008	0.853129
Nov 25, 2008	Dec 24, 2008	0.849988
Dec 26, 2008	Jan 23, 2009	0.848260
Jan 26, 2009	Feb 24, 2009	0.846551
Feb 25, 2009	Mar 24, 2009	0.842858
Mar 25, 2009	Apr 24, 2009	0.835999
Apr 27, 2009	May 22, 2009	0.825638
May 26, 2009	Jun 24, 2009	0.813106
Jun 25, 2009	Jul 24, 2009	0.806594
Jul 27, 2009	Aug 24, 2009	0.792921
Aug 25, 2009	Sep 24, 2009	0.773297
Sep 25, 2009	Oct 23, 2009	0.766157
Oct 26, 2009	Nov 24, 2009	0.757678
Nov 25, 2009	Dec 24, 2009	0.755386
Dec 28, 2009	Jan 22, 2010	0.751344
Jan 25, 2010	Feb 24, 2010	0.749060
Feb 25, 2010	Mar 24, 2010	0.743800
Mar 25, 2010	Apr 23, 2010	0.741427
Apr 26, 2010	May 24, 2010	0.732957
May 25, 2010	Jun 24, 2010	0.727119
Jun 25, 2010	Jul 23, 2010	0.717047
Jul 26, 2010	Aug 24, 2010	0.714933
Aug 25, 2010	Sep 24, 2010	0.710691
Sep 27, 2010	Oct 22, 2010	0.703858
Oct 25, 2010	Nov 24, 2010	0.684655
Nov 26, 2010	Dec 23, 2010	0.673271
Dec 27, 2010	Jan 24, 2011	0.665988
Jan 25, 2011	Feb 24, 2011	0.660187
Feb 25, 2011	Mar 24, 2011	0.650328
Mar 25, 2011	Apr 22, 2011	0.640627
Apr 25, 2011	May 24, 2011	0.630482
May 25, 2011	Jun 24, 2011	0.625566
Jun 27, 2011	Jul 22, 2011	0.624867
Jul 25, 2011	Aug 24, 2011	0.624020

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From Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	0.617583
Oct 25, 2011	Nov 23, 2011	0.603630
Nov 25, 2011	Dec 23, 2011	0.600211
Dec 27, 2011	Jan 24, 2012	0.595295
Jan 25, 2012	Feb 24, 2012	0.591301
Feb 27, 2012	Mar 23, 2012	0.589560
Mar 26, 2012	Apr 24, 2012	0.580587 0.577763
Apr 25, 2012	May 24, 2012	0.563751
May 25, 2012	Jun 22, 2012	0.562388
Jun 25, 2012	Jul 24, 2012	0.555689
Jul 25, 2012	Aug 24, 2012	0.550268
Aug 27, 2012	Sep 24, 2012	0.545591
Sep 25, 2012	Oct 24, 2012	0.540671
Oct 25, 2012	Nov 23, 2012	0.528700
Nov 26, 2012	Dec 24, 2012	0.527337
Dec 26, 2012	Jan 24, 2013	0.510208
Jan 25, 2013	Feb 22, 2013	0.498712
Feb 25, 2013	Mar 22, 2013	0.495426
Mar 25, 2013	Apr 24, 2013	0.484860
Apr 25, 2013	May 24, 2013	0.479325
May 28, 2013	Jun 24, 2013	0.464391
Jun 25, 2013	Jul 24, 2013	0.457477
Jul 25, 2013	Aug 23, 2013	0.451628
Aug 26, 2013	Sep 24, 2013	0.435059
Sep 25, 2013	Oct 24, 2013	0.428909
Oct 25, 2013	Nov 22, 2013	0.417752
Nov 25, 2013	Dec 24, 2013	0.409228
Dec 26, 2013	Jan 24, 2014	0.399078
Jan 27, 2014	Feb 24, 2014	0.387080
Feb 25, 2014	Mar 24, 2014	0.383700
Mar 25, 2014	Apr 24, 2014	0.382119
Apr 25, 2014	May 23, 2014	0.378993
May 27, 2014	Jun 24, 2014	0.375981
Jun 25, 2014	Jul 24, 2014	0.369855
Jul 25, 2014	Aug 22, 2014	0.367087
Aug 25, 2014	Sep 24, 2014	0.358923
Sep 25, 2014	Oct 24, 2014	0.352840
Oct 27, 2014	Nov 24, 2014	0.349907
Nov 25, 2014	Dec 24, 2014	0.343877
Dec 26, 2014	Jan 23, 2015	0.338552
Jan 26, 2015	Feb 24, 2015	0.327769
Feb 25, 2015	Mar 24, 2015	0.323957
Mar 25, 2015	Apr 24, 2015	0.319081
Apr 27, 2015	May 22, 2015	0.316386
May 26, 2015	Jun 24, 2015	0.313041
Jun 25, 2015		0.304557

From	То	Factor
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.996704
Aug 27, 2007	Sep 24, 2007	0.992626
Sep 25, 2007	Oct 24, 2007	0.989271
Oct 25, 2007	Nov 23, 2007	0.985959
Nov 26, 2007	Dec 24, 2007	0.982641
Dec 26, 2007	Jan 24, 2008	0.963701
Jan 25, 2008	Feb 22, 2008	0.956296
Feb 25, 2008	Mar 24, 2008	0.942767
Mar 25, 2008	Apr 24, 2008	0.939530
Apr 25, 2008	May 23, 2008	0.936008
May 27, 2008	Jun 24, 2008	0.932709
Jun 25, 2008	Jul 24, 2008	0.929369
Jul 25, 2008	Aug 22, 2008	0.900107
Aug 25, 2008	Sep 24, 2008	0.895606
Sep 25, 2008	Oct 24, 2008	0.891754
Oct 27, 2008	Nov 24, 2008	0.882041
Nov 25, 2008	Dec 24, 2008	0.804759
Dec 26, 2008	Jan 23, 2009	0.797979
Jan 26, 2009	Feb 24, 2009	0.778060
Feb 25, 2009	Mar 24, 2009	0.745851
Mar 25, 2009	Apr 24, 2009	0.660956
Apr 27, 2009	May 22, 2009	0.641551
May 26, 2009	Jun 24, 2009	0.639274
Jun 25, 2009	Jul 24, 2009	0.633402
Jul 27, 2009	Aug 24, 2009	0.583483
Aug 25, 2009	Sep 24, 2009	0.571921
Sep 25, 2009	Oct 23, 2009	0.569964
Oct 26, 2009	Nov 24, 2009	0.567422
Nov 25, 2009	Dec 24, 2009	0.546276
Dec 28, 2009	Jan 22, 2010	0.543949
Jan 25, 2010	Feb 24, 2010	0.474297
Feb 25, 2010	Mar 24, 2010	0.472584
Mar 25, 2010	Apr 23, 2010	0.470831
Apr 26, 2010	May 24, 2010	0.469187
May 25, 2010	Jun 24, 2010	0.467557
Jun 25, 2010	Jul 23, 2010	0.467557
Jul 26, 2010	Aug 24, 2010	0.466463
Aug 25, 2010	Sep 24, 2010	0.460010
Sep 27, 2010	Oct 22, 2010	0.458212
Oct 25, 2010	Nov 24, 2010	0.443213
Nov 26, 2010	Dec 23, 2010	0.423094
Dec 27, 2010	Jan 24, 2011	0.421024
Jan 25, 2011	Feb 24, 2011	0.393872
Feb 25, 2011	Mar 24, 2011	0.372795
Mar 25, 2011	Apr 22, 2011	0.346220
Apr 25, 2011 May 25, 2011	May 24, 2011 Jun 24, 2011	0.322897
Jun 27, 2011	Jul 22, 2011	0.320432
Jul 25, 2011	Aug 24, 2011	0.312382
Jul 23, 2011	Aug 24, 2011	0.297060

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.278200
Sep 26, 2011	Oct 24, 2011	0.265450
Oct 25, 2011	Nov 23, 2011	0.261235
Nov 25, 2011	Dec 23, 2011	0.240678
Dec 27, 2011	Jan 24, 2012	0.226264
Jan 25, 2012	Feb 24, 2012	0.210540
Feb 27, 2012	Mar 23, 2012	0.209651
Mar 26, 2012	Apr 24, 2012	0.191002
Apr 25, 2012	May 24, 2012	0.190127
May 25, 2012	Jun 22, 2012	0.189250
Jun 25, 2012	Jul 24, 2012	0.184515
Jul 25, 2012	Aug 24, 2012	0.159732
Aug 27, 2012	Sep 24, 2012	0.158894
Sep 25, 2012	Oct 24, 2012	0.158163
Oct 25, 2012	Nov 23, 2012	0.154776
Nov 26, 2012	Dec 24, 2012	0.147974
Dec 26, 2012	Jan 24, 2013	0.147317
Jan 25, 2013	Feb 22, 2013	0.124419
Feb 25, 2013	Mar 22, 2013	0.123844
Mar 25, 2013	Apr 24, 2013	0.118325
Apr 25, 2013	May 24, 2013	0.115709
May 28, 2013	Jun 24, 2013	0.112206
Jun 25, 2013	Jul 24, 2013	0.103072
Jul 25, 2013	Aug 23, 2013	0.097820
Aug 26, 2013	Sep 24, 2013	0.077211
Sep 25, 2013	Oct 24, 2013	0.076691
Oct 25, 2013	Nov 22, 2013	0.076179
Nov 25, 2013	Dec 24, 2013	0.075630
Dec 26, 2013	Jan 24, 2014	0.075104
Jan 27, 2014	Feb 24, 2014	0.060095
Feb 25, 2014	Mar 24, 2014	0.059626
Mar 25, 2014	Apr 24, 2014	0.059122
Apr 25, 2014	May 23, 2014	0.058651
May 27, 2014	Jun 24, 2014	0.058211
Jun 25, 2014	Jul 24, 2014	0.057731
Jul 25, 2014	Aug 22, 2014	0.057255
Aug 25, 2014	Sep 24, 2014	0.052145
Sep 25, 2014	Oct 24, 2014	0.051684
Oct 27, 2014	Nov 24, 2014	0.051179
Nov 25, 2014	Dec 24, 2014	0.050704
Dec 26, 2014	Jan 23, 2015	0.050189
Jan 26, 2015	Feb 24, 2015	0.049776
Feb 25, 2015	Mar 24, 2015	0.049307
Mar 25, 2015	Apr 24, 2015	0.048836
Apr 27, 2015	May 22, 2015	0.048365
May 26, 2015	Jun 24, 2015	0.047891
Jun 25, 2015		0.047415

From	То	Factor
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.987019
Aug 27, 2007	Sep 24, 2007	0.982877
Sep 25, 2007	Oct 24, 2007	0.976077
Oct 25, 2007	Nov 23, 2007	0.972529
Nov 26, 2007	Dec 24, 2007	0.962938
Dec 26, 2007	Jan 24, 2008	0.955387
Jan 25, 2008	Feb 22, 2008	0.951534
Feb 25, 2008	Mar 24, 2008	0.940126
Mar 25, 2008	Apr 24, 2008	0.936894
Apr 25, 2008	May 23, 2008	0.910294
May 27, 2008	Jun 24, 2008	0.907772
Jun 25, 2008	Jul 24, 2008	0.896391
Jul 25, 2008	Aug 22, 2008	0.869845
Aug 25, 2008	Sep 24, 2008	0.850144
Sep 25, 2008	Oct 24, 2008	0.847328
Oct 27, 2008	Nov 24, 2008	0.827896
Nov 25, 2008	Dec 24, 2008	0.809824
Dec 26, 2008	Jan 23, 2009	0.806186
Jan 26, 2009	Feb 24, 2009	0.796819
Feb 25, 2009	Mar 24, 2009	0.779184
Mar 25, 2009	Apr 24, 2009	0.730851
Apr 27, 2009	May 22, 2009	0.717856
May 26, 2009	Jun 24, 2009	0.715449
Jun 25, 2009	Jul 24, 2009	0.712092
Jul 27, 2009	Aug 24, 2009	0.680702
Aug 25, 2009	Sep 24, 2009	0.653004
Sep 25, 2009	Oct 23, 2009	0.637227
Oct 26, 2009	Nov 24, 2009	0.623941
Nov 25, 2009	Dec 24, 2009	0.599871
Dec 28, 2009	Jan 22, 2010	0.594116
Jan 25, 2010	Feb 24, 2010	0.522080
Feb 25, 2010	Mar 24, 2010	0.520444
Mar 25, 2010	Apr 23, 2010	0.518734
Apr 26, 2010	May 24, 2010	0.517041
May 25, 2010	Jun 24, 2010	0.515463
Jun 25, 2010	Jul 23, 2010	0.488012
Jul 26, 2010	Aug 24, 2010	0.472039
Aug 25, 2010	Sep 24, 2010	0.462704
Sep 27, 2010	Oct 22, 2010	0.450795
Oct 25, 2010	Nov 24, 2010	0.443654
Nov 26, 2010	Dec 23, 2010	0.429280
Dec 27, 2010	Jan 24, 2011	0.427666
Jan 25, 2011	Feb 24, 2011	0.397966
Feb 25, 2011	Mar 24, 2011	0.381881
Mar 25, 2011 Apr 25, 2011	Apr 22, 2011	0.378157
May 25, 2011	May 24, 2011 Jun 24, 2011	0.373519
Jun 27, 2011	Jul 22, 2011	0.372097
Jul 25, 2011	Aug 24, 2011	0.366790
Jul 23, 2011	Aug 24, 2011	0.359523

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.336165
Sep 26, 2011	Oct 24, 2011	0.334656
Oct 25, 2011	Nov 23, 2011	0.332213
Nov 25, 2011	Dec 23, 2011	0.308365
Dec 27, 2011	Jan 24, 2012	0.301568
Jan 25, 2012	Feb 24, 2012	0.291965
Feb 27, 2012	Mar 23, 2012	0.291156
Mar 26, 2012	Apr 24, 2012	0.278678
Apr 25, 2012	May 24, 2012	0.277616
May 25, 2012	Jun 22, 2012	0.268149
Jun 25, 2012	Jul 24, 2012	0.258614
Jul 25, 2012	Aug 24, 2012	0.243258
Aug 27, 2012	Sep 24, 2012	0.242289
Sep 25, 2012	Oct 24, 2012	0.241311
Oct 25, 2012	Nov 23, 2012	0.240048
Nov 26, 2012	Dec 24, 2012	0.221336
Dec 26, 2012	Jan 24, 2013	0.210579
Jan 25, 2013	Feb 22, 2013	0.200275
Feb 25, 2013	Mar 22, 2013	0.199513
Mar 25, 2013	Apr 24, 2013	0.187339
Apr 25, 2013	May 24, 2013	0.186427
May 28, 2013	Jun 24, 2013	0.179835
Jun 25, 2013	Jul 24, 2013	0.160984
Jul 25, 2013	Aug 23, 2013	0.159902
Aug 26, 2013	Sep 24, 2013	0.141405
Sep 25, 2013	Oct 24, 2013	0.140849
Oct 25, 2013	Nov 22, 2013	0.135223
Nov 25, 2013	Dec 24, 2013	0.126183
Dec 26, 2013	Jan 24, 2014	0.125664
Jan 27, 2014	Feb 24, 2014	0.119633
Feb 25, 2014	Mar 24, 2014	0.119134
Mar 25, 2014	Apr 24, 2014	0.118618
Apr 25, 2014	May 23, 2014	0.116866
May 27, 2014	Jun 24, 2014	0.110994
Jun 25, 2014	Jul 24, 2014	0.097428
Jul 25, 2014	Aug 22, 2014	0.096997
Aug 25, 2014	Sep 24, 2014	0.089244
Sep 25, 2014	Oct 24, 2014	0.087212
Oct 27, 2014	Nov 24, 2014	0.086705
Nov 25, 2014	Dec 24, 2014	0.076661
Dec 26, 2014	Jan 23, 2015	0.076174
Jan 26, 2015	Feb 24, 2015	0.066991
Feb 25, 2015	Mar 24, 2015	0.066599
Mar 25, 2015	Apr 24, 2015	0.065972
Apr 27, 2015	May 22, 2015	0.065545
May 26, 2015	Jun 24, 2015	0.065161
Jun 25, 2015		0.064774

From	То	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.987709
Aug 27, 2007	Sep 24, 2007	0.985075
Sep 25, 2007	Oct 24, 2007	0.938622
Oct 25, 2007	Nov 23, 2007	0.932862
Nov 26, 2007	Dec 24, 2007	0.921300
Dec 26, 2007	Jan 24, 2008	0.918913
Jan 25, 2008	Feb 22, 2008	0.916231
Feb 25, 2008	Mar 24, 2008	0.913556
Mar 25, 2008	Apr 24, 2008	0.910173
Apr 25, 2008	May 23, 2008	0.901075
May 27, 2008	Jun 24, 2008	0.898305
Jun 25, 2008	Jul 24, 2008	0.893133
Jul 25, 2008	Aug 22, 2008	0.888073
Aug 25, 2008	Sep 24, 2008	_
Sep 25, 2008	Oct 24, 2008	0.882996
Oct 27, 2008	Nov 24, 2008	0.880297
Nov 25, 2008	Dec 24, 2008	0.875595
Dec 26, 2008	Jan 23, 2009	0.873122
Jan 26, 2009	Feb 24, 2009	0.870346
Feb 25, 2009	Mar 24, 2009	0.867663
Mar 25, 2009	Apr 24, 2009	0.856379
Apr 27, 2009	May 22, 2009	0.819390
May 26, 2009	Jun 24, 2009	0.810768
Jun 25, 2009	Jul 24, 2009	0.807778
Jul 27, 2009	Aug 24, 2009	0.804919
Aug 25, 2009	Sep 24, 2009	0.801845
Sep 25, 2009	Oct 23, 2009	0.796544
Oct 26, 2009	Nov 24, 2009	0.776931
Nov 25, 2009	Dec 24, 2009	0.756845
Dec 28, 2009	Jan 22, 2010	0.751715
		0.700233
Jan 25, 2010	Feb 24, 2010	0.654597
Feb 25, 2010	Mar 24, 2010	0.648819
Mar 25, 2010	Apr 23, 2010	0.648105
Apr 26, 2010	May 24, 2010	0.647560
May 25, 2010	Jun 24, 2010	0.646830
Jun 25, 2010	Jul 23, 2010	0.646033
Jul 26, 2010	Aug 24, 2010	0.617949
Aug 25, 2010	Sep 24, 2010	0.616632
Sep 27, 2010	Oct 22, 2010	0.613545
Oct 25, 2010	Nov 24, 2010	0.611450
Nov 26, 2010	Dec 23, 2010	0.609719
Dec 27, 2010 Jan 25, 2011	Jan 24, 2011 Feb 24, 2011	0.607671
Feb 25, 2011	Mar 24, 2011	0.569872
Mar 25, 2011	Apr 22, 2011	0.560152
Apr 25, 2011	May 24, 2011	0.557903
May 25, 2011	Jun 24, 2011	0.555925
Jun 27, 2011	Jul 22, 2011	0.553930
Jul 25, 2011	Aug 24, 2011	0.537860
	= ., 2011	0.535988

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.506778
Sep 26, 2011	Oct 24, 2011	0.505005
Oct 25, 2011	Nov 23, 2011	0.502780
Nov 25, 2011	Dec 23, 2011	0.495931
Dec 27, 2011	Jan 24, 2012	0.486946
Jan 25, 2012	Feb 24, 2012	0.483630
Feb 27, 2012	Mar 23, 2012	0.483630
Mar 26, 2012	Apr 24, 2012	0.426209
Apr 25, 2012	May 24, 2012	0.424987
May 25, 2012	Jun 22, 2012	0.421573
Jun 25, 2012	Jul 24, 2012	0.418213
Jul 25, 2012	Aug 24, 2012	0.416959
Aug 27, 2012	Sep 24, 2012	0.415715
Sep 25, 2012	Oct 24, 2012	0.414521
Oct 25, 2012	Nov 23, 2012	0.413331
Nov 26, 2012	Dec 24, 2012	0.410114
Dec 26, 2012	Jan 24, 2013	0.406343
Jan 25, 2013	Feb 22, 2013	0.404807
Feb 25, 2013	Mar 22, 2013	0.403707
Mar 25, 2013	Apr 24, 2013	0.396159
Apr 25, 2013	May 24, 2013	0.395088
May 28, 2013	Jun 24, 2013	0.387004
Jun 25, 2013	Jul 24, 2013	0.377161
Jul 25, 2013	Aug 23, 2013	0.376105
Aug 26, 2013	Sep 24, 2013	0.371390
Sep 25, 2013	Oct 24, 2013	0.370474
Oct 25, 2013	Nov 22, 2013	0.370257
Nov 25, 2013	Dec 24, 2013	0.369544
Dec 26, 2013	Jan 24, 2014	0.368680
Jan 27, 2014	Feb 24, 2014	0.368465
Feb 25, 2014	Mar 24, 2014	0.353937
Mar 25, 2014	Apr 24, 2014	0.353062
Apr 25, 2014	May 23, 2014	0.335827
May 27, 2014	Jun 24, 2014	0.312171
Jun 25, 2014	Jul 24, 2014	0.295635
Jul 25, 2014	Aug 22, 2014	0.295465
Aug 25, 2014	Sep 24, 2014	0.295253
Sep 25, 2014	Oct 24, 2014	0.274987
Oct 27, 2014	Nov 24, 2014	0.274416
Nov 25, 2014	Dec 24, 2014	0.271499
Dec 26, 2014	Jan 23, 2015	0.271078
Jan 26, 2015	Feb 24, 2015	0.270948
Feb 25, 2015	Mar 24, 2015	0.270814
Mar 25, 2015	Apr 24, 2015	0.270680
Apr 27, 2015	May 22, 2015	0.270248
May 26, 2015	Jun 24, 2015	0.244305
Jun 25, 2015		0.243820

From	То	Factor
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.994099
Aug 27, 2007	Sep 24, 2007	0.988173
Sep 25, 2007	Oct 24, 2007	0.982223
Oct 25, 2007	Nov 23, 2007	0.976248
Nov 26, 2007	Dec 24, 2007	0.970249
Dec 26, 2007	Jan 24, 2008	
Jan 25, 2008	Feb 22, 2008	0.964225
Feb 25, 2008	Mar 24, 2008	0.958157
Mar 25, 2008	Apr 24, 2008	0.952083
Apr 25, 2008	May 23, 2008	0.945984
May 27, 2008	Jun 24, 2008	0.939860
Jun 25, 2008	Jul 24, 2008	0.933711
Jul 25, 2008	Aug 22, 2008	0.927537
Aug 25, 2008	Sep 24, 2008	0.921337
Sep 25, 2008	Oct 24, 2008	0.916161
Oct 27, 2008	Nov 24, 2008	0.910111
		0.901550
Nov 25, 2008  Dec 26, 2008	Dec 24, 2008 Jan 23, 2009	0.895243
	<u> </u>	0.888911
Jan 26, 2009	Feb 24, 2009	0.882552
Feb 25, 2009	Mar 24, 2009	0.876167
Mar 25, 2009	Apr 24, 2009	0.869756
Apr 27, 2009	May 22, 2009	0.863319
May 26, 2009	Jun 24, 2009	0.856855
Jun 25, 2009	Jul 24, 2009	0.850365
Jul 27, 2009	Aug 24, 2009	0.843847
Aug 25, 2009	Sep 24, 2009	0.837303
Sep 25, 2009	Oct 23, 2009	0.830732
Oct 26, 2009	Nov 24, 2009	0.824135
Nov 25, 2009	Dec 24, 2009	0.817510
Dec 28, 2009	Jan 22, 2010	0.810857
Jan 25, 2010	Feb 24, 2010	0.804178
Feb 25, 2010	Mar 24, 2010	0.797470
Mar 25, 2010	Apr 23, 2010	0.790736
Apr 26, 2010	May 24, 2010	0.783973
May 25, 2010	Jun 24, 2010	0.777183
Jun 25, 2010	Jul 23, 2010	0.770365
Jul 26, 2010	Aug 24, 2010	0.763519
Aug 25, 2010	Sep 24, 2010	0.756644
Sep 27, 2010	Oct 22, 2010	0.749741
Oct 25, 2010	Nov 24, 2010	0.742791
Nov 26, 2010	Dec 23, 2010	0.735831
Dec 27, 2010	Jan 24, 2011	0.728824
Jan 25, 2011	Feb 24, 2011	0.721806
Feb 25, 2011	Mar 24, 2011	0.714760
Mar 25, 2011	Apr 22, 2011	0.706655
Apr 25, 2011	May 24, 2011	0.699547
May 25, 2011	Jun 24, 2011	0.691894
Jun 27, 2011	Jul 22, 2011	0.684209
Jul 25, 2011	Aug 24, 2011	0.483301

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.476441
Sep 26, 2011	Oct 24, 2011	0.469036
Oct 25, 2011	Nov 23, 2011	0.461601
Nov 25, 2011	Dec 23, 2011	0.451970
Dec 27, 2011	Jan 24, 2012	0.443642
Jan 25, 2012	Feb 24, 2012	0.434457
Feb 27, 2012	Mar 23, 2012	0.426058
Mar 26, 2012	Apr 24, 2012	0.418963
Apr 25, 2012	May 24, 2012	0.371464
May 25, 2012	Jun 22, 2012	0.321658
Jun 25, 2012	Jul 24, 2012	0.308680
Jul 25, 2012	Aug 24, 2012	0.254438
Aug 27, 2012	Sep 24, 2012	0.241187
Sep 25, 2012	Oct 24, 2012	0.087167
Oct 25, 2012	Nov 23, 2012	0.034860
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.998316
Aug 27, 2007	Sep 24, 2007	0.996708
Sep 25, 2007	Oct 24, 2007	0.663339
Oct 25, 2007	Nov 23, 2007	0.662386
Nov 26, 2007	Dec 24, 2007	0.646436
Dec 26, 2007	Jan 24, 2008	0.645082
Jan 25, 2008	Feb 22, 2008	0.643813
Feb 25, 2008	Mar 24, 2008	0.641601
Mar 25, 2008	Apr 24, 2008	0.631316
Apr 25, 2008	May 23, 2008	0.622654
May 27, 2008	Jun 24, 2008	0.613927
Jun 25, 2008	Jul 24, 2008	0.612452
Jul 25, 2008	Aug 22, 2008	0.610940
Aug 25, 2008	Sep 24, 2008	0.609521
Sep 25, 2008	Oct 24, 2008	0.607854
Oct 27, 2008	Nov 24, 2008	0.606758
Nov 25, 2008	Dec 24, 2008	0.605363
Dec 26, 2008	Jan 23, 2009	0.603839
Jan 26, 2009	Feb 24, 2009	0.602404
Feb 25, 2009	Mar 24, 2009	0.601049
Mar 25, 2009	Apr 24, 2009	0.599686
Apr 27, 2009	May 22, 2009	0.539409
May 26, 2009	Jun 24, 2009	0.538081
Jun 25, 2009	Jul 24, 2009	0.536507
Jul 27, 2009	Aug 24, 2009	0.535023
Aug 25, 2009	Sep 24, 2009	0.533428
Sep 25, 2009	Oct 23, 2009	0.531930
Oct 26, 2009	Nov 24, 2009	0.530550
Nov 25, 2009	Dec 24, 2009	0.529041
Dec 28, 2009	Jan 22, 2010	0.527455
Jan 25, 2010	Feb 24, 2010	0.525978
Feb 25, 2010	Mar 24, 2010	0.524472
Mar 25, 2010	Apr 23, 2010	0.522894
Apr 26, 2010	May 24, 2010	0.521329
May 25, 2010	Jun 24, 2010	0.519759
Jun 25, 2010	Jul 23, 2010	0.518213
Jul 26, 2010	Aug 24, 2010	0.502058
Aug 25, 2010	Sep 24, 2010	0.500319
Sep 27, 2010	Oct 22, 2010	0.497253
Oct 25, 2010	Nov 24, 2010	0.496083
Nov 26, 2010	Dec 23, 2010	0.494902
Dec 27, 2010	Jan 24, 2011	0.493837
Jan 25, 2011	Feb 24, 2011	0.478069
Feb 25, 2011	Mar 24, 2011	0.476914
Mar 25, 2011	Apr 22, 2011	0.475808
Apr 25, 2011	May 24, 2011	0.474640
May 25, 2011  Jun 27, 2011	Jun 24, 2011 Jul 22, 2011	0.473474
Jul 25, 2011	Aug 24, 2011	0.472301
Jul 23, 2011	7ug 24, 2011	0.471121

From	<u>To</u>	<u>Factor</u>
Aug 25, 2011 Sep 26, 2011	Sep 23, 2011 Oct 24, 2011	0.469934
Oct 25, 2011	Nov 23, 2011	0.468737
Nov 25, 2011	Dec 23, 2011	0.467534
Dec 27, 2011	Jan 24, 2012	0.466323
Jan 25, 2012	Feb 24, 2012	0.465157
Feb 27, 2012	Mar 23, 2012	0.463949
Mar 26, 2012	Apr 24, 2012	0.462781
Apr 25, 2012	May 24, 2012	0.461605
May 25, 2012	Jun 22, 2012	0.460423
Jun 25, 2012	Jul 24, 2012	0.459230
Jul 25, 2012	Aug 24, 2012	0.444028
Aug 27, 2012	Sep 24, 2012	0.442939
Sep 25, 2012	Oct 24, 2012	0.441725
	·	0.401038
Oct 25, 2012 Nov 26, 2012	Nov 23, 2012 Dec 24, 2012	0.400206
·		0.399369
Dec 26, 2012 Jan 25, 2013	Jan 24, 2013 Feb 22, 2013	0.398528
Feb 25, 2013	Mar 22, 2013	0.397682
Mar 25, 2013	Apr 24, 2013	0.377458
Apr 25, 2013	May 24, 2013	0.376601
May 28, 2013	, ,	0.375740
·	Jun 24, 2013 Jul 24, 2013	0.374874
Jun 25, 2013 Jul 25, 2013	Aug 23, 2013	0.373943
Aug 26, 2013	Sep 24, 2013	0.373007
	Oct 24, 2013	0.372065
Sep 25, 2013	<u> </u>	0.371290
Oct 25, 2013	Nov 22, 2013	0.381337
Nov 25, 2013 Dec 26, 2013	Dec 24, 2013 Jan 24, 2014	0.383414
Jan 27, 2014	Feb 24, 2014	0.382861
	Mar 24, 2014	0.387720
Feb 25, 2014 Mar 25, 2014	Apr 24, 2014	0.348539
		0.348223
Apr 25, 2014	May 23, 2014	0.347906
May 27, 2014  Jun 25, 2014	Jun 24, 2014	0.347586
	Jul 24, 2014	0.347250
Jul 25, 2014	Aug 22, 2014	0.346927
Aug 25, 2014	Sep 24, 2014	0.346603
Sep 25, 2014	Oct 24, 2014	0.346277
Oct 27, 2014	Nov 24, 2014	0.345949
Nov 25, 2014	Dec 24, 2014	0.345620
Dec 26, 2014	Jan 23, 2015	0.345289
Jan 26, 2015	Feb 24, 2015	0.344956
Feb 25, 2015	Mar 24, 2015	0.344622
Mar 25, 2015	Apr 24, 2015	0.344285
Apr 27, 2015	May 22, 2015	0.343947
May 26, 2015	Jun 24, 2015	0.280030
Jun 25, 2015		0.279789

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.999167
Aug 27, 2007	Sep 24, 2007	0.998329
Sep 25, 2007	Oct 24, 2007	0.997483
Oct 25, 2007	Nov 23, 2007	0.996633
Nov 26, 2007	Dec 24, 2007	0.995778
Dec 26, 2007	Jan 24, 2008	0.994916
Jan 25, 2008	Feb 22, 2008	0.994046
Feb 25, 2008	Mar 24, 2008	0.993173
Mar 25, 2008	Apr 24, 2008	0.992295
Apr 25, 2008	May 23, 2008	0.991409
May 27, 2008	Jun 24, 2008	0.990514
Jun 25, 2008	Jul 24, 2008	0.989609
Jul 25, 2008	Aug 22, 2008	0.988699
Aug 25, 2008	Sep 24, 2008	0.987785
Sep 25, 2008	Oct 24, 2008	0.986861
Oct 27, 2008	Nov 24, 2008	0.985931
Nov 25, 2008	Dec 24, 2008	0.984996
Dec 26, 2008	Jan 23, 2009	0.984062
Jan 26, 2009	Feb 24, 2009	0.983122
Feb 25, 2009	Mar 24, 2009	0.982177
Mar 25, 2009	Apr 24, 2009	0.981230
Apr 27, 2009	May 22, 2009	0.980293
May 26, 2009	Jun 24, 2009	0.979350
Jun 25, 2009	Jul 24, 2009	0.978407
Jul 27, 2009	Aug 24, 2009	0.977460
Aug 25, 2009	Sep 24, 2009	0.976512
Sep 25, 2009	Oct 23, 2009	0.975561
Oct 26, 2009	Nov 24, 2009	0.974605
Nov 25, 2009	Dec 24, 2009	0.973642
Dec 28, 2009	Jan 22, 2010	0.972708
Jan 25, 2010	Feb 24, 2010	0.971766
Feb 25, 2010	Mar 24, 2010	0.970824
Mar 25, 2010	Apr 23, 2010	0.969879
Apr 26, 2010	May 24, 2010	0.968929
May 25, 2010	Jun 24, 2010	0.967968
Jun 25, 2010	Jul 23, 2010	0.966990
Jul 26, 2010	Aug 24, 2010	0.966012
Aug 25, 2010	Sep 24, 2010	0.965017
Sep 27, 2010	Oct 22, 2010	0.964018
Oct 25, 2010	Nov 24, 2010	0.962991
Nov 26, 2010	Dec 23, 2010	0.961960
Dec 27, 2010	Jan 24, 2011	0.960854
Jan 25, 2011	Feb 24, 2011	0.959702
Feb 25, 2011	Mar 24, 2011	0.958480
Mar 25, 2011 Apr 25, 2011	Apr 22, 2011 May 24, 2011	0.957166
May 25, 2011	Jun 24, 2011	0.955733
Jun 27, 2011	Jul 22, 2011	0.953986
Jul 25, 2011	Aug 24, 2011	0.952162
		0.950196

<u>From</u> Aug 25, 2011	<u>To</u> Sep 23, 2011	<u>Factor</u>
Sep 26, 2011	Oct 24, 2011	0.948004
Oct 25, 2011	Nov 23, 2011	0.945454
Nov 25, 2011	Dec 23, 2011	0.945454
Dec 27, 2011	Jan 24, 2012	0.944618
Jan 25, 2012	Feb 24, 2012	0.414241
Feb 27, 2012	Mar 23, 2012	0.089368
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

From	То	Factor
<u></u>	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.999168
Aug 27, 2007	Sep 24, 2007	0.998330
Sep 25, 2007	Oct 24, 2007	0.997484
Oct 25, 2007	Nov 23, 2007	0.996634
Nov 26, 2007	Dec 24, 2007	0.995778
Dec 26, 2007	Jan 24, 2008	0.994916
Jan 25, 2008	Feb 22, 2008	0.994046
Feb 25, 2008	Mar 24, 2008	0.993173
Mar 25, 2008	Apr 24, 2008	0.992295
Apr 25, 2008	May 23, 2008	0.991409
May 27, 2008	Jun 24, 2008	0.990514
Jun 25, 2008	Jul 24, 2008	0.989609
Jul 25, 2008	Aug 22, 2008	0.988698
Aug 25, 2008	Sep 24, 2008	0.987785
Sep 25, 2008	Oct 24, 2008	0.986861
Oct 27, 2008	Nov 24, 2008	0.985931
Nov 25, 2008	Dec 24, 2008	0.984995
Dec 26, 2008	Jan 23, 2009	0.984063
Jan 26, 2009	Feb 24, 2009	0.983123
Feb 25, 2009	Mar 24, 2009	0.982178
Mar 25, 2009	Apr 24, 2009	0.981231
Apr 27, 2009	May 22, 2009	0.980294
May 26, 2009	Jun 24, 2009	0.979350
Jun 25, 2009	Jul 24, 2009	0.978406
Jul 27, 2009	Aug 24, 2009	0.977461
Aug 25, 2009	Sep 24, 2009	0.976512
Sep 25, 2009	Oct 23, 2009	0.975561
Oct 26, 2009	Nov 24, 2009	0.974605
Nov 25, 2009	Dec 24, 2009	0.973642
Dec 28, 2009	Jan 22, 2010	0.972708
Jan 25, 2010	Feb 24, 2010	0.971766
Feb 25, 2010	Mar 24, 2010	0.970824
Mar 25, 2010	Apr 23, 2010	0.969879
Apr 26, 2010	May 24, 2010	0.968929
May 25, 2010	Jun 24, 2010	0.967968
Jun 25, 2010	Jul 23, 2010	0.966990
Jul 26, 2010	Aug 24, 2010	0.966012
Aug 25, 2010	Sep 24, 2010	0.965017
Sep 27, 2010	Oct 22, 2010	0.964018
Oct 25, 2010	Nov 24, 2010	0.962991
Nov 26, 2010	Dec 23, 2010	0.962863
Dec 27, 2010	Jan 24, 2011	0.934084
Jan 25, 2011	Feb 24, 2011	0.789212
Feb 25, 2011	Mar 24, 2011	0.695433
Mar 25, 2011	Apr 22, 2011	0.557754
Apr 25, 2011	May 24, 2011	0.386635
May 25, 2011	Jun 24, 2011	0.351598
Jun 27, 2011	Jul 22, 2011	0.304010
Jul 25, 2011	Aug 24, 2011	0.244604

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.177568
Sep 26, 2011	Oct 24, 2011	0.125863
Oct 25, 2011	Nov 23, 2011	0.090653
Nov 25, 2011	Dec 23, 2011	0.001643
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000
	<u> </u>	

From	То	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.999167
Aug 27, 2007	Sep 24, 2007	0.998329
Sep 25, 2007	Oct 24, 2007	0.997483
Oct 25, 2007	Nov 23, 2007	0.996633
Nov 26, 2007	Dec 24, 2007	0.995778
Dec 26, 2007	Jan 24, 2008	0.994916
Jan 25, 2008	Feb 22, 2008	0.994046
Feb 25, 2008	Mar 24, 2008	0.993173
Mar 25, 2008	Apr 24, 2008	0.992295
Apr 25, 2008	May 23, 2008	0.991409
May 27, 2008	Jun 24, 2008	0.990514
Jun 25, 2008	Jul 24, 2008	0.989609
Jul 25, 2008	Aug 22, 2008	0.988699
Aug 25, 2008	Sep 24, 2008	0.987785
Sep 25, 2008	Oct 24, 2008	
Oct 27, 2008	Nov 24, 2008	0.986861 0.985931
Nov 25, 2008	Dec 24, 2008	
Dec 26, 2008	Jan 23, 2009	0.984996
Jan 26, 2009	Feb 24, 2009	0.984063
Feb 25, 2009	Mar 24, 2009	0.983123
Mar 25, 2009	Apr 24, 2009	0.982178
Apr 27, 2009	May 22, 2009	0.981231
May 26, 2009	Jun 24, 2009	0.980293
Jun 25, 2009	Jul 24, 2009	0.979350
Jul 27, 2009	Aug 24, 2009	0.978406
Aug 25, 2009	Sep 24, 2009	0.977461
Sep 25, 2009	Oct 23, 2009	0.976512
Oct 26, 2009	Nov 24, 2009	0.975561 0.974605
Nov 25, 2009	Dec 24, 2009	
Dec 28, 2009	Jan 22, 2010	0.973642
Jan 25, 2010	Feb 24, 2010	
Feb 25, 2010	Mar 24, 2010	0.971766
Mar 25, 2010	Apr 23, 2010	0.970824
Apr 26, 2010	May 24, 2010	0.969879
May 25, 2010	Jun 24, 2010	0.968929
Jun 25, 2010	Jul 23, 2010	0.967968
Jul 26, 2010	Aug 24, 2010	0.966990
Aug 25, 2010	Sep 24, 2010	0.966012 0.966012
Sep 27, 2010	Oct 22, 2010	0.812896
Oct 25, 2010	Nov 24, 2010	0.777652
Nov 26, 2010	Dec 23, 2010	0.226438
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

From	То	<u>Factor</u>
	Jul 24, 2007	1.000000
Jul 25, 2007	Aug 24, 2007	0.999167
Aug 27, 2007	Sep 24, 2007	0.998329
Sep 25, 2007	Oct 24, 2007	0.997483
Oct 25, 2007	Nov 23, 2007	0.996633
Nov 26, 2007	Dec 24, 2007	0.995778
Dec 26, 2007	Jan 24, 2008	0.994916
Jan 25, 2008	Feb 22, 2008	0.994046
Feb 25, 2008	Mar 24, 2008	0.993173
Mar 25, 2008	Apr 24, 2008	0.992295
Apr 25, 2008	May 23, 2008	0.991409
May 27, 2008	Jun 24, 2008	0.990514
Jun 25, 2008	Jul 24, 2008	0.989609
Jul 25, 2008	Aug 22, 2008	0.988699
Aug 25, 2008	Sep 24, 2008	0.987785
Sep 25, 2008	Oct 24, 2008	0.986861
Oct 27, 2008	Nov 24, 2008	0.985931
Nov 25, 2008	Dec 24, 2008	0.984996
Dec 26, 2008	Jan 23, 2009	0.984990
Jan 26, 2009	Feb 24, 2009	
Feb 25, 2009	Mar 24, 2009	0.983122
Mar 25, 2009	Apr 24, 2009	0.982177
Apr 27, 2009	May 22, 2009	0.981230
May 26, 2009	Jun 24, 2009	0.980293
Jun 25, 2009	Jul 24, 2009	0.979350 0.978406
Jul 27, 2009	Aug 24, 2009	0.977460
Aug 25, 2009	Sep 24, 2009	0.976512
Sep 25, 2009	Oct 23, 2009	0.975561
Oct 26, 2009	Nov 24, 2009	0.974605
Nov 25, 2009	Dec 24, 2009	0.973642
Dec 28, 2009	Jan 22, 2010	0.973628
Jan 25, 2010	Feb 24, 2010	0.973628
Feb 25, 2010	Mar 24, 2010	0.972684
Mar 25, 2010	Apr 23, 2010	0.971738
Apr 26, 2010	May 24, 2010	0.799342
May 25, 2010	Jun 24, 2010	0.533999
Jun 25, 2010	Jul 23, 2010	0.533399
Jul 26, 2010	Aug 24, 2010	0.360274
Aug 25, 2010	Sep 24, 2010	0.167039
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
Nov 25, 2011	Dec 23, 2011	0.000000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	0.986661
Feb 25, 2008	Mar 24, 2008	0.977701
Mar 25, 2008	Apr 24, 2008	0.952840
Apr 25, 2008	May 23, 2008	0.931083
May 27, 2008	Jun 24, 2008	0.916487
Jun 25, 2008	Jul 24, 2008	0.901169
Jul 25, 2008	Aug 22, 2008	0.884245
Aug 25, 2008	Sep 24, 2008	0.871742
Sep 25, 2008	Oct 24, 2008	0.863281
Oct 27, 2008	Nov 24, 2008	0.858304
Nov 25, 2008	Dec 24, 2008	0.851996
Dec 26, 2008	Jan 23, 2009	0.844159
Jan 26, 2009	Feb 24, 2009	0.838641
Feb 25, 2009	Mar 24, 2009	0.830031
Mar 25, 2009	Apr 24, 2009	0.816982
Apr 27, 2009	May 22, 2009	0.797584
May 26, 2009	Jun 24, 2009	0.785597
Jun 25, 2009	Jul 24, 2009	0.769123
Jul 27, 2009	Aug 24, 2009	0.754984
Aug 25, 2009	Sep 24, 2009	0.739346
Sep 25, 2009	Oct 23, 2009	0.729855
Oct 26, 2009	Nov 24, 2009	0.713093
Nov 25, 2009	Dec 24, 2009	0.707770
Dec 28, 2009	Jan 22, 2010	0.695604
Jan 25, 2010	Feb 24, 2010	0.684497
Feb 25, 2010	Mar 24, 2010	0.677469
Mar 25, 2010	Apr 23, 2010	0.664241
Apr 26, 2010	May 24, 2010	0.655616
May 25, 2010	Jun 24, 2010	0.648017
Jun 25, 2010	Jul 23, 2010	0.636108
Jul 26, 2010	Aug 24, 2010	0.621723
Aug 25, 2010	Sep 24, 2010	0.614075
Sep 27, 2010	Oct 22, 2010	0.603704
Oct 25, 2010	Nov 24, 2010	0.589744
Nov 26, 2010	Dec 23, 2010	0.579191
Dec 27, 2010	Jan 24, 2011	0.566212
Jan 25, 2011	Feb 24, 2011	0.551094
Feb 25, 2011	Mar 24, 2011	0.544094
Mar 25, 2011	Apr 22, 2011	0.536214
Apr 25, 2011	May 24, 2011	0.528861
May 25, 2011	Jun 24, 2011	0.516649
Jun 27, 2011	Jul 22, 2011	0.507527
Jul 25, 2011	Aug 24, 2011	0.498538
Aug 25, 2011	Sep 23, 2011	0.488085
Sep 26, 2011	Oct 24, 2011	0.478562
Oct 25, 2011	Nov 23, 2011	0.467545

From	То	<u>Factor</u>
Nov 25, 2011	Dec 23, 2011	0.456742
Dec 27, 2011	Jan 24, 2012	0.452148
Jan 25, 2012	Feb 24, 2012	0.443066
Feb 27, 2012	Mar 23, 2012	0.436237
Mar 26, 2012	Apr 24, 2012	0.433095
Apr 25, 2012	May 24, 2012	0.426029
May 25, 2012	Jun 22, 2012	0.421603
Jun 25, 2012	Jul 24, 2012	0.413604
Jul 25, 2012	Aug 24, 2012	0.405978
Aug 27, 2012	Sep 24, 2012	0.398120
Sep 25, 2012	Oct 24, 2012	0.394351
Oct 25, 2012	Nov 23, 2012	0.382139
Nov 26, 2012	Dec 24, 2012	0.374919
Dec 26, 2012	Jan 24, 2013	0.368974
Jan 25, 2013	Feb 22, 2013	0.360164
Feb 25, 2013	Mar 22, 2013	0.356023
Mar 25, 2013	Apr 24, 2013	0.348655
Apr 25, 2013	May 24, 2013	0.342962
May 28, 2013	Jun 24, 2013	0.337556
Jun 25, 2013	Jul 24, 2013	0.332697
Jul 25, 2013	Aug 23, 2013	0.321361
Aug 26, 2013	Sep 24, 2013	0.303019
Sep 25, 2013	Oct 24, 2013	0.298808
Oct 25, 2013	Nov 22, 2013	0.291096
Nov 25, 2013	Dec 24, 2013	0.287275
Dec 26, 2013	Jan 24, 2014	0.281957
Jan 27, 2014	Feb 24, 2014	0.276691
Feb 25, 2014	Mar 24, 2014	0.275508
Mar 25, 2014	Apr 24, 2014	0.271577
Apr 25, 2014	May 23, 2014	0.268982
May 27, 2014	Jun 24, 2014	0.264242
Jun 25, 2014	Jul 24, 2014	0.260673
Jul 25, 2014	Aug 22, 2014	0.254834
Aug 25, 2014	Sep 24, 2014	0.248695
Sep 25, 2014	Oct 24, 2014	0.239141
Oct 27, 2014	Nov 24, 2014	0.234148
Nov 25, 2014	Dec 24, 2014	0.227308
Dec 26, 2014	Jan 23, 2015	0.222286
Jan 26, 2015	Feb 24, 2015	0.217694
Feb 25, 2015	Mar 24, 2015	0.214064
Mar 25, 2015	Apr 24, 2015	0.209206
Apr 27, 2015	May 22, 2015	0.204069
May 26, 2015	Jun 24, 2015	0.199079
Jun 25, 2015		0.189626

From	То	Factor
	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	0.986661
Feb 25, 2008	Mar 24, 2008	0.977701
Mar 25, 2008	Apr 24, 2008	0.952840
Apr 25, 2008	May 23, 2008	0.931083
May 27, 2008	Jun 24, 2008	0.916486
Jun 25, 2008	Jul 24, 2008	0.901169
Jul 25, 2008	Aug 22, 2008	0.884245
Aug 25, 2008	Sep 24, 2008	0.871742
Sep 25, 2008	Oct 24, 2008	0.863281
Oct 27, 2008	Nov 24, 2008	0.858304
Nov 25, 2008	Dec 24, 2008	0.851996
Dec 26, 2008	Jan 23, 2009	0.844159
Jan 26, 2009	Feb 24, 2009	0.838641
Feb 25, 2009	Mar 24, 2009	0.830031
Mar 25, 2009	Apr 24, 2009	0.816982
Apr 27, 2009	May 22, 2009	0.797584
May 26, 2009	Jun 24, 2009	0.785597
Jun 25, 2009	Jul 24, 2009	0.769123
Jul 27, 2009	Aug 24, 2009	0.754984
Aug 25, 2009	Sep 24, 2009	0.739346
Sep 25, 2009	Oct 23, 2009	0.729855
Oct 26, 2009	Nov 24, 2009	0.713093
Nov 25, 2009	Dec 24, 2009	0.707770
Dec 28, 2009	Jan 22, 2010	0.695604
Jan 25, 2010	Feb 24, 2010	0.684497
Feb 25, 2010	Mar 24, 2010	0.677469
Mar 25, 2010	Apr 23, 2010	0.664241
Apr 26, 2010	May 24, 2010	0.655616
May 25, 2010	Jun 24, 2010	0.648017
Jun 25, 2010	Jul 23, 2010	0.636108
Jul 26, 2010	Aug 24, 2010	0.621723
Aug 25, 2010	Sep 24, 2010	0.614075
Sep 27, 2010	Oct 22, 2010	0.603704
Oct 25, 2010	Nov 24, 2010	0.589744
Nov 26, 2010	Dec 23, 2010	0.579191
Dec 27, 2010	Jan 24, 2011	0.566212
Jan 25, 2011	Feb 24, 2011	0.551094
Feb 25, 2011	Mar 24, 2011	0.544094
Mar 25, 2011	Apr 22, 2011	0.536214
Apr 25, 2011	May 24, 2011	0.528861
May 25, 2011	Jun 24, 2011	0.516649
Jun 27, 2011	Jul 22, 2011	0.507527
Jul 25, 2011	Aug 24, 2011	0.498538
Aug 25, 2011 Sep 26, 2011	Sep 23, 2011 Oct 24, 2011	0.488085
Oct 25, 2011	Nov 23, 2011	0.478562
	1404 23, 2011	0.467545

From	То	<u>Factor</u>
Nov 25, 2011	Dec 23, 2011	0.456742
Dec 27, 2011	Jan 24, 2012	0.452148
Jan 25, 2012	Feb 24, 2012	0.443066
Feb 27, 2012	Mar 23, 2012	0.436237
Mar 26, 2012	Apr 24, 2012	0.433095
Apr 25, 2012	May 24, 2012	0.426029
May 25, 2012	Jun 22, 2012	0.421603
Jun 25, 2012	Jul 24, 2012	0.413604
Jul 25, 2012	Aug 24, 2012	0.405978
Aug 27, 2012	Sep 24, 2012	0.398120
Sep 25, 2012	Oct 24, 2012	0.394351
Oct 25, 2012	Nov 23, 2012	0.357975
Nov 26, 2012	Dec 24, 2012	0.296336
Dec 26, 2012	Jan 24, 2013	0.277788
Jan 25, 2013	Feb 22, 2013	0.236932
Feb 25, 2013	Mar 22, 2013	0.223146
Mar 25, 2013	Apr 24, 2013	0.166050
Apr 25, 2013	May 24, 2013	0.149017
May 28, 2013	Jun 24, 2013	0.116450
Jun 25, 2013	Jul 24, 2013	0.100277
Jul 25, 2013	Aug 23, 2013	0.079169
Aug 26, 2013	Sep 24, 2013	0.065072
Sep 25, 2013	Oct 24, 2013	0.057385
Oct 25, 2013	Nov 22, 2013	0.043225
Nov 25, 2013	Dec 24, 2013	0.030426
Dec 26, 2013	Jan 24, 2014	0.017114
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	0.999422
Feb 25, 2008	Mar 24, 2008	0.998080
Mar 25, 2008	Apr 24, 2008	0.997493
Apr 25, 2008	May 23, 2008	0.996899
May 27, 2008	Jun 24, 2008	0.996296
Jun 25, 2008	Jul 24, 2008	0.995688
Jul 25, 2008	Aug 22, 2008	0.995076
Aug 25, 2008	Sep 24, 2008	0.994461
Sep 25, 2008	Oct 24, 2008	0.993839
Oct 27, 2008	Nov 24, 2008	0.993211
Nov 25, 2008	Dec 24, 2008	0.992584
Dec 26, 2008	Jan 23, 2009	0.991949
Jan 26, 2009	Feb 24, 2009	0.991311
Feb 25, 2009	Mar 24, 2009	0.990672
Mar 25, 2009	Apr 24, 2009	0.990027
Apr 27, 2009	May 22, 2009	0.989380
May 26, 2009	Jun 24, 2009	0.988724
Jun 25, 2009	Jul 24, 2009	0.988064
Jul 27, 2009	Aug 24, 2009	0.987402
Aug 25, 2009	Sep 24, 2009	0.986749
Sep 25, 2009	Oct 23, 2009	0.986092
Oct 26, 2009	Nov 24, 2009	0.985435
Nov 25, 2009	Dec 24, 2009	0.984772
Dec 28, 2009	Jan 22, 2010	0.984110
Jan 25, 2010	Feb 24, 2010	0.983438
Feb 25, 2010	Mar 24, 2010	0.982770
Mar 25, 2010	Apr 23, 2010	0.982095
Apr 26, 2010	May 24, 2010	0.981406
May 25, 2010	Jun 24, 2010	0.980709
Jun 25, 2010	Jul 23, 2010	0.980003
Jul 26, 2010	Aug 24, 2010	0.979292
Aug 25, 2010	Sep 24, 2010	0.978569
Sep 27, 2010	Oct 22, 2010	0.977835
Oct 25, 2010	Nov 24, 2010	0.977096
Nov 26, 2010	Dec 23, 2010	0.976352
Dec 27, 2010	Jan 24, 2011	0.975590
Jan 25, 2011	Feb 24, 2011	0.974821
Feb 25, 2011	Mar 24, 2011	0.974053
Mar 25, 2011	Apr 22, 2011	0.973270
Apr 25, 2011	May 24, 2011	0.972497
May 25, 2011	Jun 24, 2011	0.971723
Jun 27, 2011	Jul 22, 2011	0.970940
Jul 25, 2011	Aug 24, 2011	0.970142
Aug 25, 2011	Sep 23, 2011	0.969334
Sep 26, 2011	Oct 24, 2011	0.968519
Oct 25, 2011	Nov 23, 2011	0.967693

From	То	Factor
Nov 25, 2011	Dec 23, 2011	0.966858
Dec 27, 2011	Jan 24, 2012	0.966014
Jan 25, 2012	Feb 24, 2012	0.932169
Feb 27, 2012	Mar 23, 2012	0.904867
Mar 26, 2012	Apr 24, 2012	0.811391
Apr 25, 2012	May 24, 2012	0.722003
May 25, 2012	Jun 22, 2012	0.495487
Jun 25, 2012	Jul 24, 2012	0.304761
Jul 25, 2012	Aug 24, 2012	0.270946
Aug 27, 2012	Sep 24, 2012	0.114466
Sep 25, 2012	Oct 24, 2012	0.029990
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

<u>From</u>	<u>To</u>	<u>Factor</u>
	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	0.999422
Feb 25, 2008	Mar 24, 2008	0.998080
Mar 25, 2008	Apr 24, 2008	0.997493
Apr 25, 2008	May 23, 2008	0.996899
May 27, 2008	Jun 24, 2008	0.996296
Jun 25, 2008	Jul 24, 2008	0.995688
Jul 25, 2008	Aug 22, 2008	0.995076
Aug 25, 2008	Sep 24, 2008	0.994461
Sep 25, 2008	Oct 24, 2008	0.993839
Oct 27, 2008	Nov 24, 2008	0.993211
Nov 25, 2008	Dec 24, 2008	0.992584
Dec 26, 2008	Jan 23, 2009	0.991949
Jan 26, 2009	Feb 24, 2009	0.991311
Feb 25, 2009	Mar 24, 2009	0.990672
Mar 25, 2009	Apr 24, 2009	0.990027
Apr 27, 2009	May 22, 2009	0.989380
May 26, 2009	Jun 24, 2009	0.988724
Jun 25, 2009	Jul 24, 2009	0.988064
Jul 27, 2009	Aug 24, 2009	0.987402
Aug 25, 2009	Sep 24, 2009	0.986749
Sep 25, 2009	Oct 23, 2009	0.986092
Oct 26, 2009	Nov 24, 2009	0.985435
Nov 25, 2009	Dec 24, 2009	0.984772
Dec 28, 2009	Jan 22, 2010	0.984110
Jan 25, 2010	Feb 24, 2010	0.983438
Feb 25, 2010	Mar 24, 2010	0.982770
Mar 25, 2010	Apr 23, 2010	0.982095
Apr 26, 2010	May 24, 2010	0.981406
May 25, 2010	Jun 24, 2010	0.980709
Jun 25, 2010	Jul 23, 2010	0.980003
Jul 26, 2010	Aug 24, 2010	0.979292
Aug 25, 2010	Sep 24, 2010	0.978569
Sep 27, 2010	Oct 22, 2010	0.977835
Oct 25, 2010	Nov 24, 2010	0.977096
Nov 26, 2010	Dec 23, 2010	0.976352
Dec 27, 2010	Jan 24, 2011	0.975590
Jan 25, 2011	Feb 24, 2011	0.974821
Feb 25, 2011	Mar 24, 2011	0.974053
Mar 25, 2011	Apr 22, 2011	0.973270
Apr 25, 2011	May 24, 2011	0.972497
May 25, 2011	Jun 24, 2011	0.971723
Jun 27, 2011	Jul 22, 2011	0.970940
Jul 25, 2011	Aug 24, 2011	0.892333
Aug 25, 2011	Sep 23, 2011	0.541709
Sep 26, 2011	Oct 24, 2011	0.533219
Oct 25, 2011	Nov 23, 2011	0.364422

From	То	Factor
Nov 25, 2011	Dec 23, 2011	0.264688
Dec 27, 2011	Jan 24, 2012	0.142806
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

<u>From</u>	То	Factor
<del></del>	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	0.999422
Feb 25, 2008	Mar 24, 2008	0.998080
Mar 25, 2008	Apr 24, 2008	0.997493
Apr 25, 2008	May 23, 2008	0.996899
May 27, 2008	Jun 24, 2008	0.996296
Jun 25, 2008	Jul 24, 2008	0.995688
Jul 25, 2008	Aug 22, 2008	
Aug 25, 2008	Sep 24, 2008	0.995076
Sep 25, 2008	Oct 24, 2008	0.994461
Oct 27, 2008	Nov 24, 2008	0.993839
Nov 25, 2008	Dec 24, 2008	0.993211
Dec 26, 2008	Jan 23, 2009	0.992584
Jan 26, 2009	Feb 24, 2009	0.991949
Feb 25, 2009	Mar 24, 2009	0.991311
Mar 25, 2009	Apr 24, 2009	0.990672
Apr 27, 2009	May 22, 2009	0.990027
May 26, 2009	Jun 24, 2009	0.989380
Jun 25, 2009	Jul 24, 2009	0.988724
Jul 27, 2009	Aug 24, 2009	0.988064
Aug 25, 2009	Sep 24, 2009	0.987402
Sep 25, 2009	Oct 23, 2009	0.986749
Oct 26, 2009	Nov 24, 2009	0.986092
Nov 25, 2009	Dec 24, 2009	0.985435
Dec 28, 2009	Jan 22, 2010	0.984772
Jan 25, 2010	Feb 24, 2010	0.984110
Feb 25, 2010	Mar 24, 2010	0.983438
Mar 25, 2010	Apr 23, 2010	0.982770
Apr 26, 2010	May 24, 2010	0.982095
May 25, 2010	Jun 24, 2010	0.981406
Jun 25, 2010	Jul 23, 2010	0.980709
Jul 26, 2010	Aug 24, 2010	0.980003
Aug 25, 2010	Sep 24, 2010	0.979292
Sep 27, 2010	Oct 22, 2010	0.978569
Oct 25, 2010	Nov 24, 2010	0.899120
Nov 26, 2010	Dec 23, 2010	0.776655
Dec 27, 2010	Jan 24, 2011	0.747541
Jan 25, 2011	Feb 24, 2011	0.734530
Feb 25, 2011	Mar 24, 2011	0.625764
Mar 25, 2011	Apr 22, 2011	0.625270
Apr 25, 2011	May 24, 2011	0.440232
May 25, 2011	Jun 24, 2011	0.392757
Jun 27, 2011	Jul 22, 2011	0.277701
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011	Oct 24, 2011	0.000000
Oct 25, 2011	Nov 23, 2011	0.000000
		<del>-</del>

From	То	Factor
Nov 25, 2011	Dec 23, 2011	0.00000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000

From	То	<u>Factor</u>
	Jan 24, 2008	1.000000
Jan 25, 2008	Feb 22, 2008	0.999422
Feb 25, 2008	Mar 24, 2008	0.998080
Mar 25, 2008	Apr 24, 2008	0.997493
Apr 25, 2008	May 23, 2008	0.996899
May 27, 2008	Jun 24, 2008	0.996296
Jun 25, 2008	Jul 24, 2008	0.995688
Jul 25, 2008	Aug 22, 2008	0.995076
Aug 25, 2008	Sep 24, 2008	0.994461
Sep 25, 2008	Oct 24, 2008	0.993839
Oct 27, 2008	Nov 24, 2008	0.993211
Nov 25, 2008	Dec 24, 2008	0.992584
Dec 26, 2008	Jan 23, 2009	0.991949
Jan 26, 2009	Feb 24, 2009	0.991311
Feb 25, 2009	Mar 24, 2009	0.990672
Mar 25, 2009	Apr 24, 2009	0.990027
Apr 27, 2009	May 22, 2009	0.989380
May 26, 2009	Jun 24, 2009	0.988724
Jun 25, 2009	Jul 24, 2009	0.988064
Jul 27, 2009	Aug 24, 2009	0.987402
Aug 25, 2009	Sep 24, 2009	0.986749
Sep 25, 2009	Oct 23, 2009	0.986092
Oct 26, 2009	Nov 24, 2009	0.985435
Nov 25, 2009	Dec 24, 2009	0.984772
Dec 28, 2009	Jan 22, 2010	0.984110
Jan 25, 2010	Feb 24, 2010	0.983438
Feb 25, 2010	Mar 24, 2010	0.982770
Mar 25, 2010	Apr 23, 2010	0.982095
Apr 26, 2010	May 24, 2010	0.981406
May 25, 2010	Jun 24, 2010	0.980762
Jun 25, 2010	Jul 23, 2010	0.815165
Jul 26, 2010	Aug 24, 2010	0.214445
Aug 25, 2010	Sep 24, 2010	0.063679
Sep 27, 2010	Oct 22, 2010	0.000000
Oct 25, 2010	Nov 24, 2010	0.000000
Nov 26, 2010	Dec 23, 2010	0.000000
Dec 27, 2010	Jan 24, 2011	0.000000
Jan 25, 2011	Feb 24, 2011	0.000000
Feb 25, 2011	Mar 24, 2011	0.000000
Mar 25, 2011	Apr 22, 2011	0.000000
Apr 25, 2011	May 24, 2011	0.000000
May 25, 2011	Jun 24, 2011	0.000000
Jun 27, 2011	Jul 22, 2011	0.000000
Jul 25, 2011	Aug 24, 2011	0.000000
Aug 25, 2011	Sep 23, 2011	0.000000
Sep 26, 2011 Oct 25, 2011	Oct 24, 2011 Nov 23, 2011	0.000000
	1909 23, 2011	0.000000

From	То	Factor
Nov 25, 2011	Dec 23, 2011	0.00000
Dec 27, 2011	Jan 24, 2012	0.000000
Jan 25, 2012	Feb 24, 2012	0.000000
Feb 27, 2012	Mar 23, 2012	0.000000
Mar 26, 2012	Apr 24, 2012	0.000000
Apr 25, 2012	May 24, 2012	0.000000
May 25, 2012	Jun 22, 2012	0.000000
Jun 25, 2012	Jul 24, 2012	0.000000
Jul 25, 2012	Aug 24, 2012	0.000000
Aug 27, 2012	Sep 24, 2012	0.000000
Sep 25, 2012	Oct 24, 2012	0.000000
Oct 25, 2012	Nov 23, 2012	0.000000
Nov 26, 2012	Dec 24, 2012	0.000000
Dec 26, 2012	Jan 24, 2013	0.000000
Jan 25, 2013	Feb 22, 2013	0.000000
Feb 25, 2013	Mar 22, 2013	0.000000
Mar 25, 2013	Apr 24, 2013	0.000000
Apr 25, 2013	May 24, 2013	0.000000
May 28, 2013	Jun 24, 2013	0.000000
Jun 25, 2013	Jul 24, 2013	0.000000
Jul 25, 2013	Aug 23, 2013	0.000000
Aug 26, 2013	Sep 24, 2013	0.000000
Sep 25, 2013	Oct 24, 2013	0.000000
Oct 25, 2013	Nov 22, 2013	0.000000
Nov 25, 2013	Dec 24, 2013	0.000000
Dec 26, 2013	Jan 24, 2014	0.000000
Jan 27, 2014	Feb 24, 2014	0.000000
Feb 25, 2014	Mar 24, 2014	0.000000
Mar 25, 2014	Apr 24, 2014	0.000000
Apr 25, 2014	May 23, 2014	0.000000
May 27, 2014	Jun 24, 2014	0.000000
Jun 25, 2014	Jul 24, 2014	0.000000
Jul 25, 2014	Aug 22, 2014	0.000000
Aug 25, 2014	Sep 24, 2014	0.000000
Sep 25, 2014	Oct 24, 2014	0.000000
Oct 27, 2014	Nov 24, 2014	0.000000
Nov 25, 2014	Dec 24, 2014	0.000000
Dec 26, 2014	Jan 23, 2015	0.000000
Jan 26, 2015	Feb 24, 2015	0.000000
Feb 25, 2015	Mar 24, 2015	0.000000
Mar 25, 2015	Apr 24, 2015	0.000000
Apr 27, 2015	May 22, 2015	0.000000
May 26, 2015	Jun 24, 2015	0.000000
Jun 25, 2015		0.000000