www.moodys.com

Special Comment

Moody's Credit Policy

December 2008

November 2008 Structured Rating Transitions

Table of Contents:

Analyst Contacts:

New York 1.212.553.1653

Hadas Alexander
Associate Analyst

Julia Tung
Vice President – Senior Credit Officer

Key Findings

- The number of negative rating actions among global structured finance in November, while still high, was lower by more than 60% compared to the prior month. Overall, 4,046 securities were downgraded and 1,015 were placed on review for downgrade. Downgrade and upgrade rates for the 12-month cohort were 32.6% and 0.8%, respectively.
- Downgrades among US RMBS, mostly affecting Alt-A and jumbo transactions (66% and 34%, respectively, by tranche count), made up the largest share of all downgrades (37%). About 10% of the downgraded US RMBS were wrapped by a financial guarantor whose rating was lowered during the course of the month.
- US HEL made up the second largest share of all downgrades in November (24%). Roughly 60% of the downgraded securities were from subprime first-lien transactions and 55% were wrapped by a financial guarantor. Only a few securities, however, were placed on review for downgrade this month. In addition, for the 12-month cohort, the share of securities on review for downgrade dropped to 2.1%, from 5.1% in October this year and 4.8% in November 2007.
- Global CDOs accounted for 24% of the downgrades and made up the largest share of all downgrade review actions (40%) by tranche count. Downgrades affected SF CDOs (40%), synthetic arbitrage transactions (32%), and Trup CDOs (19%) while almost all of the negative review actions involved securities that had already experienced a downgrade in November.
- US ABS, excluding HEL, made up the largest share of all upgrades (roughly 50%). Of the 315 downgraded securities in the sector, 83% were wrapped by a financial guarantor. US CMBS experienced only a few upgrades in November and more negative rating changes than in recent months.
- Excluding CDOs and Other SF, the majority of downgrades in the EMEA and Latin America regions involved securities that were wrapped by financial guarantors.

For a definition of terms used in the report please see the glossary at the end of the report.

Moody's Investors Service

November 2008 Structured Rating Transitions

Summary

Exhibit 1A: Number of Securities Experiencing Rating Actions during November 2008 by Sector[1]

	Upgraded Securities	Downgraded Securities	Securities Placed on Review for Upgrade	Securities Placed on Review for Downgrade	All Rated Securities Outstanding on 11/1/2008
Global Structured Finance	138	4,046	4	1,015	103,115
excl SF CDOs, Other and '05-'07 vintage US HEL & RMBS	124	1,728	4	452	53,993
US ABS, excl HEL	73	315	0	137	8,194
US HEL (includes subprime)	31	969	0	4	24,076
excl '05-'07 vintages	23	326	0	4	7,213
US CMBS	3	89	0	55	9,495
US RMBS (excludes subprime)	18	1,496	0	376	38,656
excl '05-'07 vintages	12	235	0	51	11,937
Global CDOs	5	949	0	402	14,375
excl SF CDOs	5	569	0	181	9,232
EMEA, excl CDOs and Other	0	159	0	12	5,504
Asia Pacific, excl CDOs and Other	3	6	1	5	2,154
Latin America, excl CDOs and Other	5	29	3	7	264
Other Structured Finance	0	34	0	17	397

Exhibit 1B: 12-Month Rating Transition Trends for Cohort Ending 11/30/2008 by Sector

	12-month Upgrade Rate	12-month Downgrade Rate	Average Number of Notches Upgraded	Average Number of Notches Downgraded	Fallen Angel Rate
Global Structured Finance	0.8%	32.6%	2.2	8.6	18.8%
excl SF CDOs, Other and '05-'07 vintage US HEL & RMBS	1.5%	11.3%	2.2	5.2	3.7%
US ABS, excl HEL	0.7%	15.4%	2.8	4.5	0.7%
US HEL (includes subprime)	0.1%	54.8%	1.5	9.1	36.1%
excl '05-'07 vintages	0.4%	23.3%	1.5	5.2	8.6%
US CMBS	4.9%	3.8%	1.9	2.2	0.9%
US RMBS (excludes subprime)	0.0%	31.4%	1.7	8.0	16.0%
excl '05-'07 vintages	0.1%	5.6%	1.8	5.1	2.0%
Global CDOs	1.0%	40.1%	2.5	10.1	29.2%
excl SF CDOs	1.5%	16.6%	2.5	6.8	9.3%
EMEA, excl CDOs and Other	0.7%	6.5%	2.0	4.6	1.7%
Asia Pacific, excl CDOs and Other	2.2%	7.8%	3.8	1.9	0.3%
Latin America, excl CDOs and Other	3.8%	18.6%	1.2	6.5	8.6%
Other Structured Finance	0.8%	32.7%	2.2	8.6	18.8%

[1] Moody's also publishes separate rating transition reports focusing on specific sectors and/or vintages of the structured finance market. For example, see "U.S. Subprime RMBS 2005-2007 Vintage Rating Actions Update: November 2008," December 2, 2008, "U.S. Alt-A RMBS 2005-2007 Vintage Rating Actions Update: October 2008," October 9, 2008, "Rating Changes in the U.S. Residential Mortgage-Backed Securities Market: 2008 Third Quarter Update," October 3, 2008, "Structured Finance CDO Ratings Surveillance Brief - Third Quarter 2008," October 24, 2008, and "Rating Changes in the U.S. Asset-Backed Securities Market: 2008 Third Quarter Update," October 20, 2008. The reports are available on Moody's.com.

November 2008 Structured Rating Transitions

Rating Transition Trends

Global Structured Finance 12-Month Rating Transition Trends

Exhibit 2A: Upgrade and Downgrade Rates

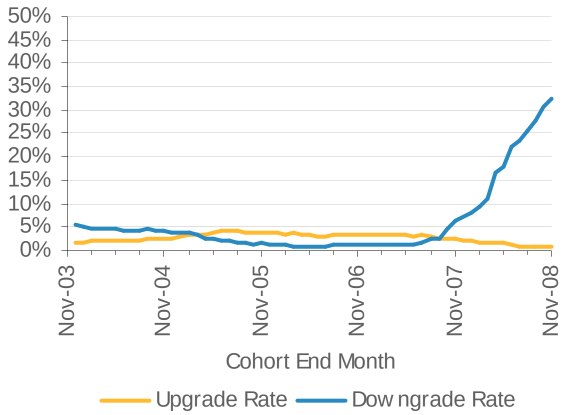


Exhibit 2B: Average Number of Notches Upgraded or Downgraded

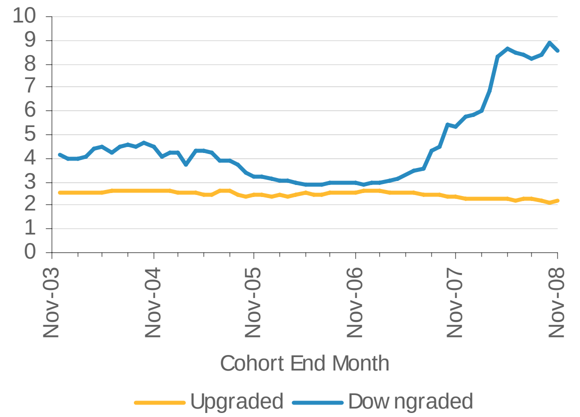


Exhibit 2C: Fallen Angel Rates and Aaa Downgrade Rates

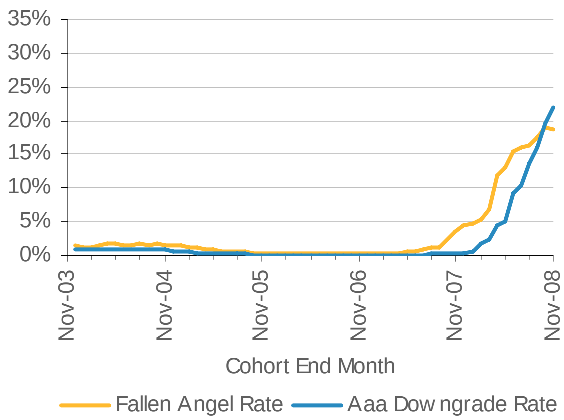


Exhibit 2D: Review for Upgrade and Review for Downgrade Rates

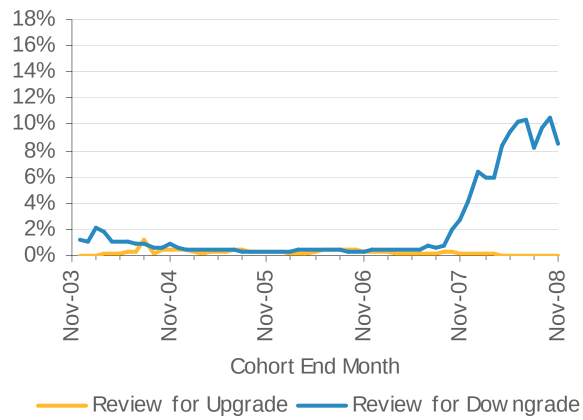
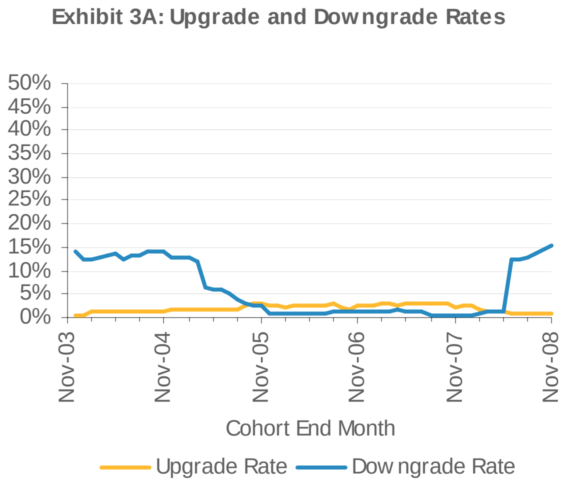


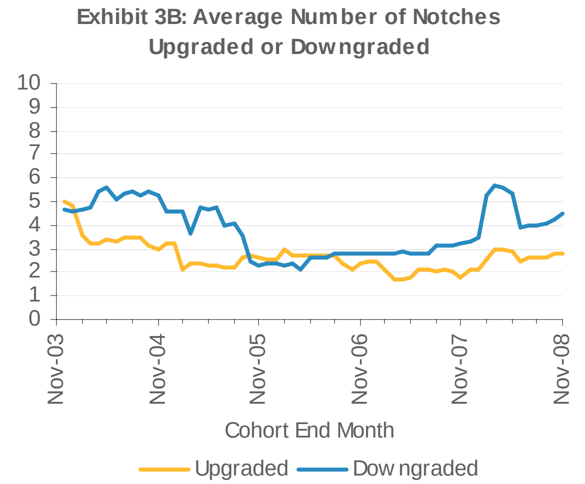
Exhibit 2E: Summary of Rating Transition Trends

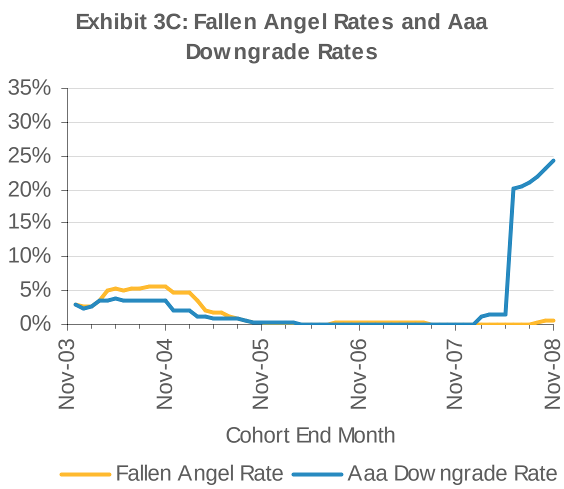
	Cohort End Dates		
	11/30/2008	**11/30/2007**	**12/03-11/08**
Downgrade Rate	32.6%	6.3%	8.1%
Upgrade Rate	0.8%	2.5%	2.6%
Downgrade/Upgrade Ratio	41.2	2.6	3.1
Downgrade Rate (Notch Weighted)	279.8%	34.0%	59.5%
Upgrade Rate (Notch Weighted)	1.7%	5.8%	6.4%
Downgrade/Upgrade Ratio (Notch Weighted)	162.4	5.9	9.3
Rating Drift (Notch Weighted)	-278.1%	-28.2%	-53.1%
Rating Volatility (Notch Weighted)	281.5%	39.7%	65.9%
Stability Rate	66.6%	91.2%	89.3%
Average Number of Notches Downgraded	8.6	5.4	7.4
Average Number of Notches Upgraded	2.2	2.4	2.5
Share of Securities on Review for Downgrade	8.5%	2.8%	3.1%
Share of Securities on Review for Upgrade	0.0%	0.2%	0.2%

November 2008 Structured Rating Transitions

US ABS (excluding HEL) 12-Month Rating Transition Trends







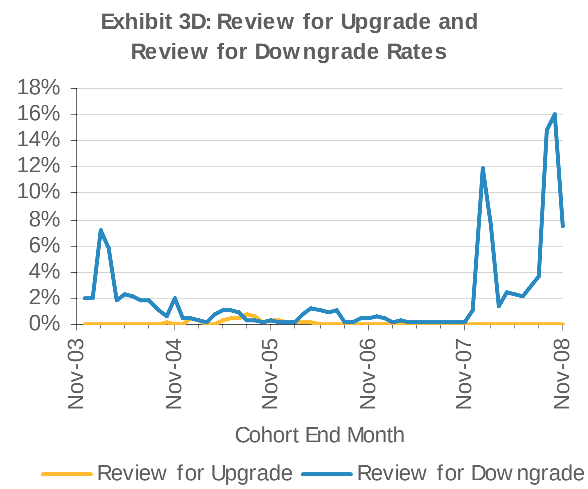


Exhibit 3E: Summary of Rating Transition Trends

	Cohort End Dates		
	11/30/2008	**11/30/2007**	**12/03-11/08**
Downgrade Rate	15.4%	0.5%	6.0%
Upgrade Rate	0.7%	2.3%	2.0%
Downgrade/Upgrade Ratio	22.1	0.2	3.0
Downgrade Rate (Notch Weighted)	69.6%	1.5%	26.9%
Upgrade Rate (Notch Weighted)	1.9%	4.1%	4.9%
Downgrade/Upgrade Ratio (Notch Weighted)	36.1	0.4	5.5
Rating Drift (Notch Weighted)	-67.7%	2.6%	-22.0%
Rating Volatility (Notch Weighted)	71.6%	5.6%	31.8%
Stability Rate	83.9%	97.3%	92.1%
Average Number of Notches Downgraded	4.5	3.3	4.5
Average Number of Notches Upgraded	2.8	1.8	2.5
Share of Securities on Review for Downgrade	7.4%	0.1%	2.0%
Share of Securities on Review for Upgrade	0.0%	0.0%	0.1%

November 2008 Structured Rating Transitions

US HEL 12-Month Rating Transition Trends

Exhibit 4A: Upgrade and Downgrade Rates

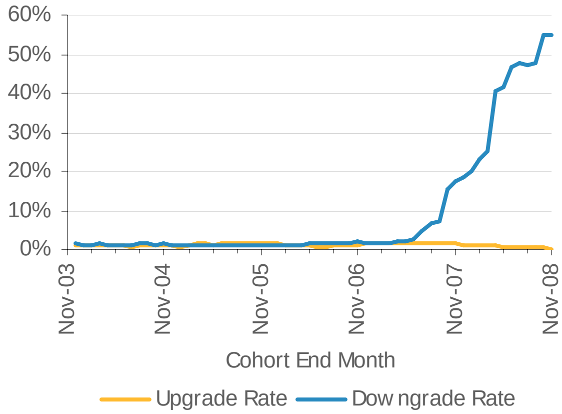


Exhibit 4B: Average Number of Notches Upgraded or Downgraded

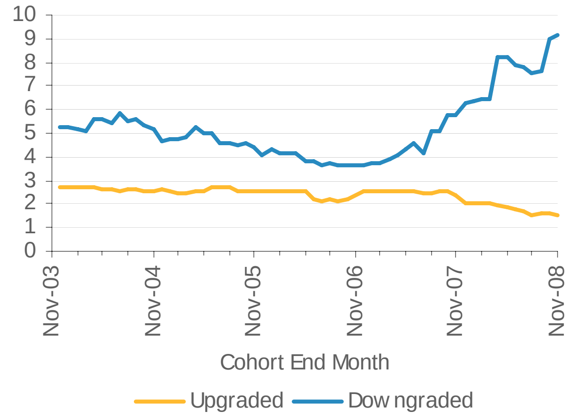


Exhibit 4C: Fallen Angel Rates and Aaa Downgrade Rates

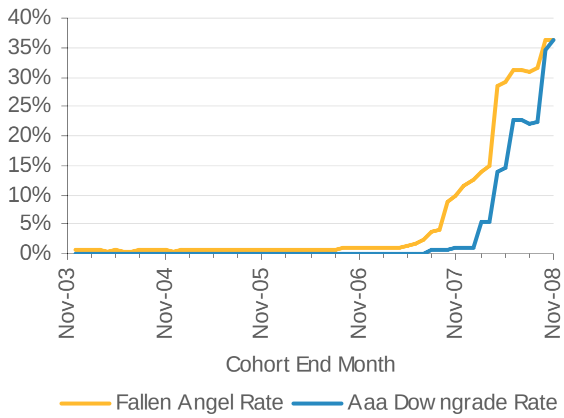


Exhibit 4D: Review for Upgrade and Review for Downgrade Rates

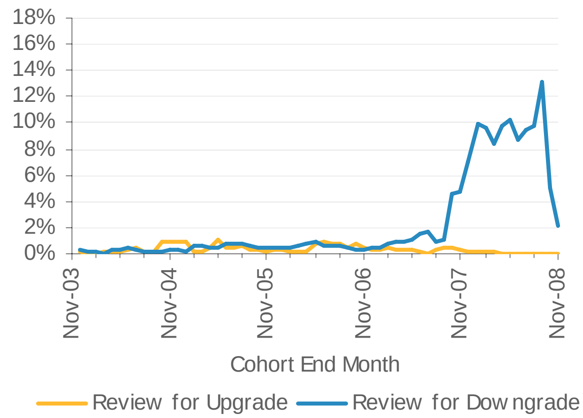


Exhibit 4E: Summary of Rating Transition Trends

	Cohort End Dates		
	11/30/2008	11/30/2007	12/03-11/08
Downgrade Rate	54.8%	17.2%	15.6%
Upgrade Rate	0.1%	1.3%	1.0%
Downgrade/Upgrade Ratio	392.0	13.3	15.2
Downgrade Rate (Notch Weighted)	501.3%	99.6%	117.7%
Upgrade Rate (Notch Weighted)	0.2%	3.0%	2.5%
Downgrade/Upgrade Ratio (Notch Weighted)	2322.3	32.7	48.0
Rating Drift (Notch Weighted)	-501.1%	-96.6%	-115.2%
Rating Volatility (Notch Weighted)	501.5%	102.7%	120.2%
Stability Rate	45.0%	81.5%	83.3%
Average Number of Notches Downgraded	9.1	5.8	7.5
Average Number of Notches Upgraded	1.5	2.4	2.4
Share of Securities on Review for Downgrade	2.1%	4.7%	3.6%
Share of Securities on Review for Upgrade	0.0%	0.3%	0.3%

November 2008 Structured Rating Transitions

US CMBS 12-Month Rating Transition Trends

Exhibit 5A: Upgrade and Downgrade Rates

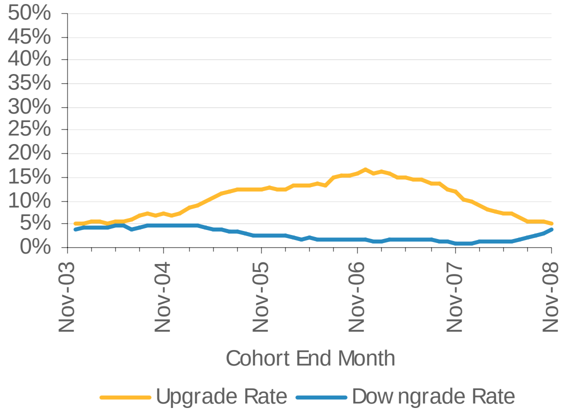


Exhibit 5B: Average Number of Notches Upgraded or Downgraded

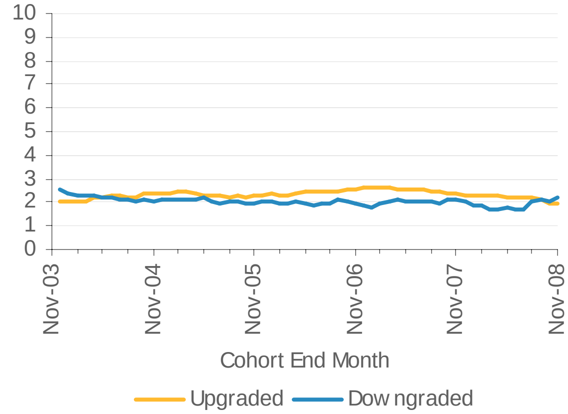


Exhibit 5C: Fallen Angel Rates and Aaa Downgrade Rates

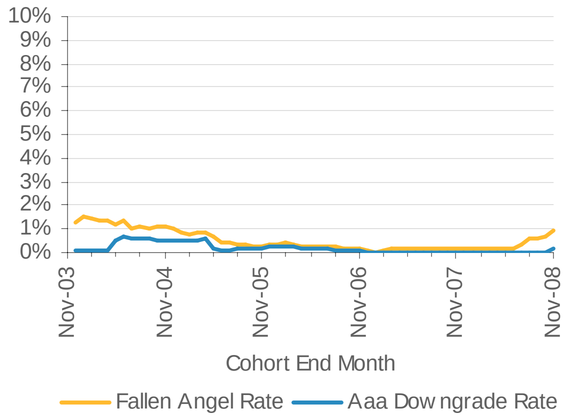


Exhibit 5D: Review for Upgrade and Review for Downgrade Rates

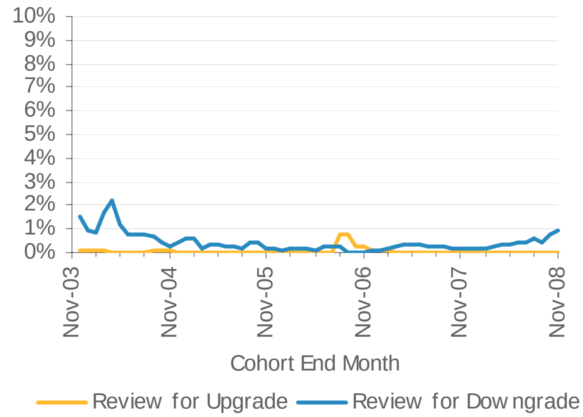


Exhibit 5E: Summary of Rating Transition Trends

	Cohort End Dates		
	11/30/2008	11/30/2007	12/03-11/08
Downgrade Rate	3.8%	1.0%	2.4%
Upgrade Rate	4.9%	11.8%	10.5%
Downgrade/Upgrade Ratio	0.8	0.1	0.2
Downgrade Rate (Notch Weighted)	8.2%	2.2%	4.9%
Upgrade Rate (Notch Weighted)	9.6%	28.4%	25.0%
Downgrade/Upgrade Ratio (Notch Weighted)	0.9	0.1	0.2
Rating Drift (Notch Weighted)	1.4%	26.2%	20.0%
Rating Volatility (Notch Weighted)	17.9%	30.6%	29.9%
Stability Rate	91.3%	87.1%	87.1%
Average Number of Notches Downgraded	2.2	2.1	2.1
Average Number of Notches Upgraded	1.9	2.4	2.4
Share of Securities on Review for Downgrade	0.9%	0.2%	0.4%
Share of Securities on Review for Upgrade	0.0%	0.0%	0.0%

November 2008 Structured Rating Transitions

US RMBS 12-Month Rating Transition Trends

Exhibit 6A: Upgrade and Downgrade Rates

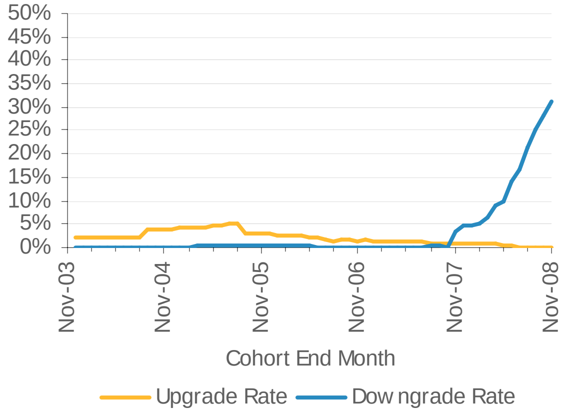


Exhibit 6B: Average Number of Notches Upgraded or Downgraded

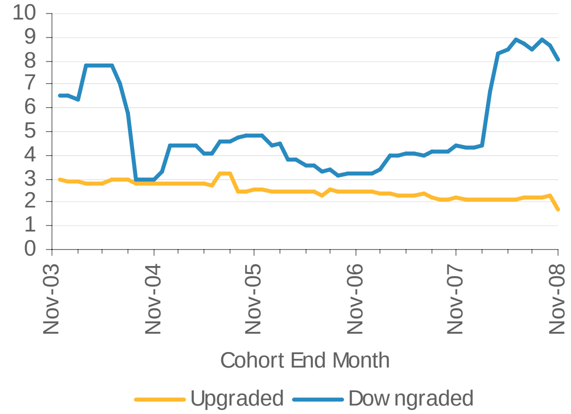


Exhibit 6C: Fallen Angel Rates and Aaa Downgrade Rates

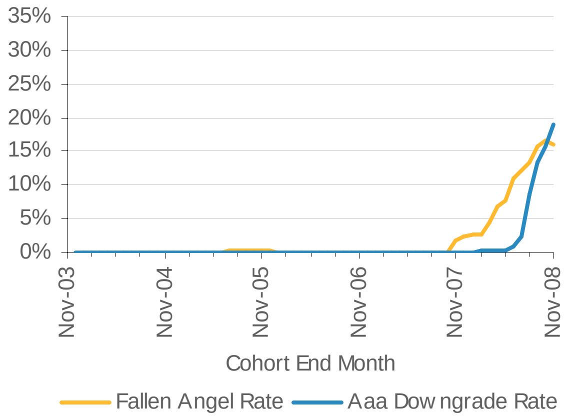


Exhibit 6D: Review for Upgrade and Review for Downgrade Rates

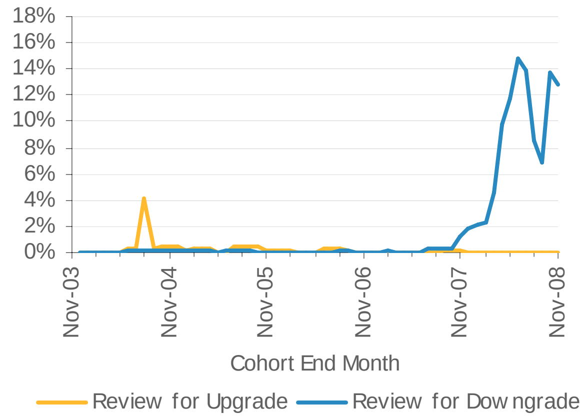


Exhibit 6E: Summary of Rating Transition Trends

	Cohort End Dates		
	11/30/2008	11/30/2007	12/03-11/08
Downgrade Rate	31.4%	3.4%	5.7%
Upgrade Rate	0.0%	0.8%	1.5%
Downgrade/Upgrade Ratio	669.7	4.4	3.8
Downgrade Rate (Notch Weighted)	252.4%	14.8%	46.0%
Upgrade Rate (Notch Weighted)	0.1%	1.7%	3.9%
Downgrade/Upgrade Ratio (Notch Weighted)	3234.2	8.7	11.9
Rating Drift (Notch Weighted)	-252.3%	-13.1%	-42.1%
Rating Volatility (Notch Weighted)	252.5%	16.5%	49.9%
Stability Rate	68.6%	95.9%	92.8%
Average Number of Notches Downgraded	8.0	4.4	8.0
Average Number of Notches Upgraded	1.7	2.2	2.6
Share of Securities on Review for Downgrade	12.8%	1.2%	3.3%
Share of Securities on Review for Upgrade	0.0%	0.1%	0.1%

November 2008 Structured Rating Transitions

Global CDOs 12-Month Rating Transition Trends

Exhibit 7A: Upgrade and Downgrade Rates

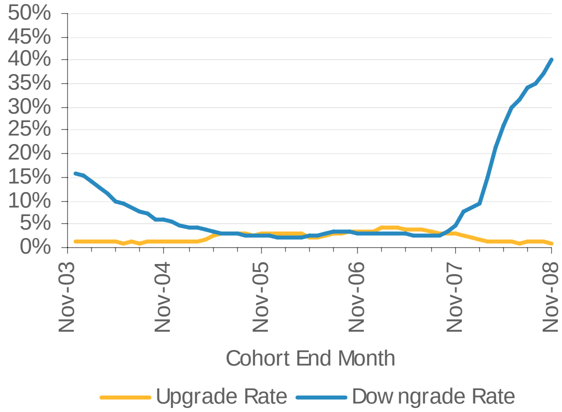


Exhibit 7B: Average Number of Notches Upgraded or Downgraded

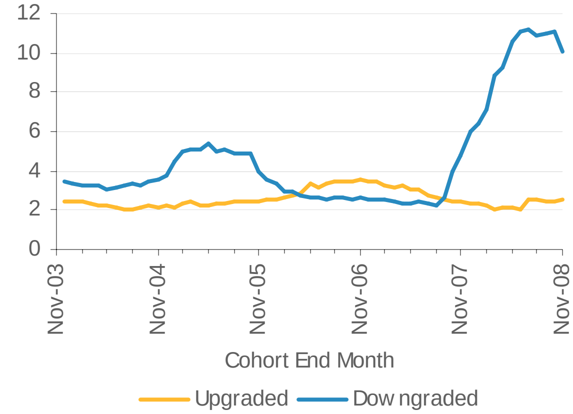


Exhibit 7C: Fallen Angel Rates and Aaa Downgrade Rates

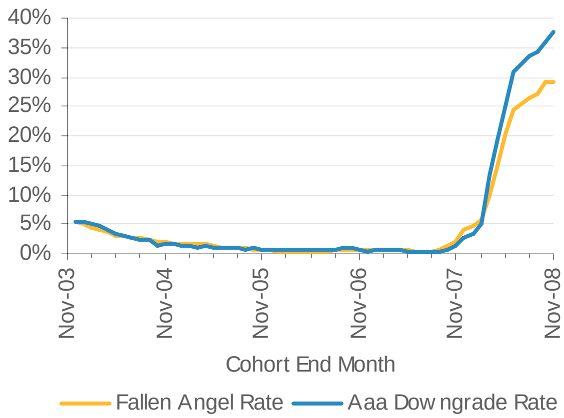


Exhibit 7D: Review for Upgrade and Review for Downgrade Rates

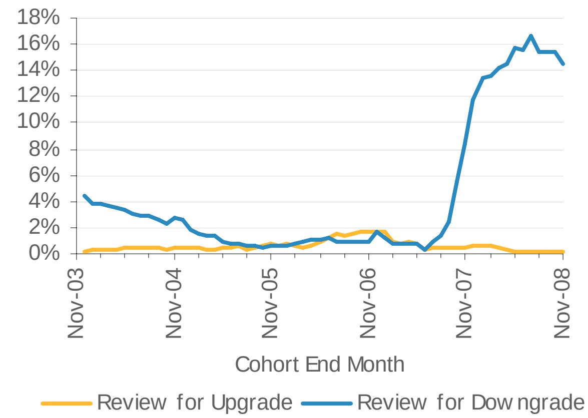


Exhibit 7E: Summary of Rating Transition Trends

	Cohort End Dates		
	11/30/2008	11/30/2007	12/03-11/08
Downgrade Rate	40.1%	4.7%	11.6%
Upgrade Rate	1.0%	2.8%	2.2%
Downgrade/Upgrade Ratio	39.9	1.7	5.2
Downgrade Rate (Notch Weighted)	403.8%	22.4%	100.6%
Upgrade Rate (Notch Weighted)	2.5%	6.7%	6.2%
Downgrade/Upgrade Ratio (Notch Weighted)	160.7	3.3	16.3
Rating Drift (Notch Weighted)	-401.3%	-15.6%	-94.4%
Rating Volatility (Notch Weighted)	406.3%	29.1%	106.7%
Stability Rate	58.9%	92.5%	86.2%
Average Number of Notches Downgraded	10.1	4.8	8.7
Average Number of Notches Upgraded	2.5	2.4	2.7
Share of Securities on Review for Downgrade	14.5%	8.4%	6.3%
Share of Securities on Review for Upgrade	0.1%	0.4%	0.6%

November 2008 Structured Rating Transitions

EMEA (excluding CDOs and Other) 12-Month Rating Transition Trends

Exhibit 8A: Upgrade and Downgrade Rates

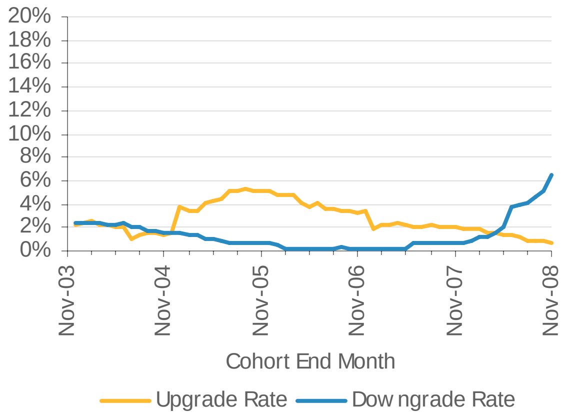


Exhibit 8B: Average Number of Notches Upgraded or Downgraded

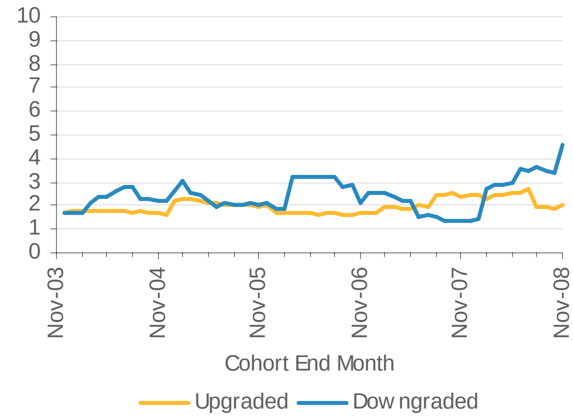


Exhibit 8C: Fallen Angel Rates and Aaa Downgrade Rates

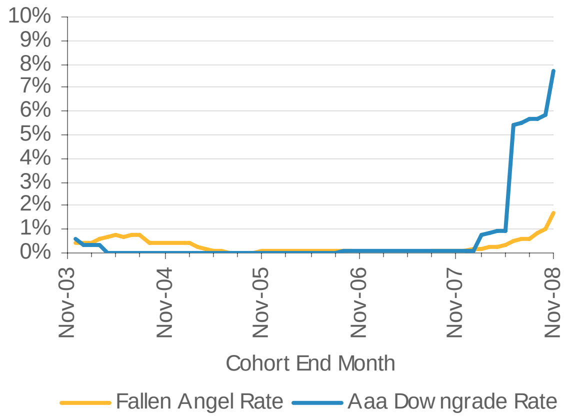


Exhibit 8D: Review for Upgrade and Review for Downgrade Rates

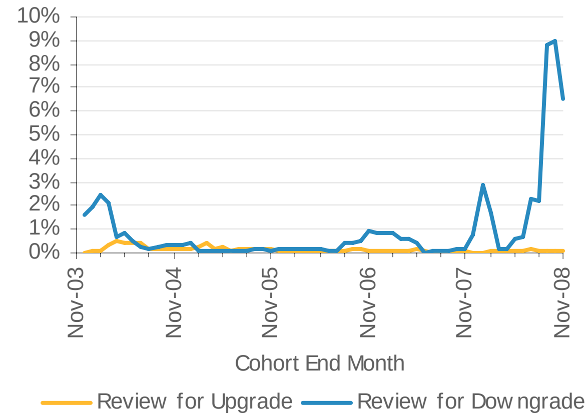


Exhibit 8E: Summary of Rating Transition Trends

	Cohort End Dates		
	11/30/2008	11/30/2007	12/03-11/08
Downgrade Rate	6.5%	0.6%	1.5%
Upgrade Rate	0.7%	2.0%	2.5%
Downgrade/Upgrade Ratio	9.3	0.3	0.6
Downgrade Rate (Notch Weighted)	29.6%	0.9%	4.5%
Upgrade Rate (Notch Weighted)	1.4%	4.8%	5.0%
Downgrade/Upgrade Ratio (Notch Weighted)	21.3	0.2	0.9
Rating Drift (Notch Weighted)	-28.2%	3.9%	0.5%
Rating Volatility (Notch Weighted)	31.0%	5.7%	9.5%
Stability Rate	92.8%	97.3%	96.0%
Average Number of Notches Downgraded	4.6	1.3	3.0
Average Number of Notches Upgraded	2.0	2.4	2.0
Share of Securities on Review for Downgrade	6.5%	0.2%	1.2%
Share of Securities on Review for Upgrade	0.1%	0.1%	0.1%

November 2008 Structured Rating Transitions

Asia Pacific (excluding CDOs and Other) 12-Month Rating Transition Trends

Exhibit 9A: Upgrade and Downgrade Rates

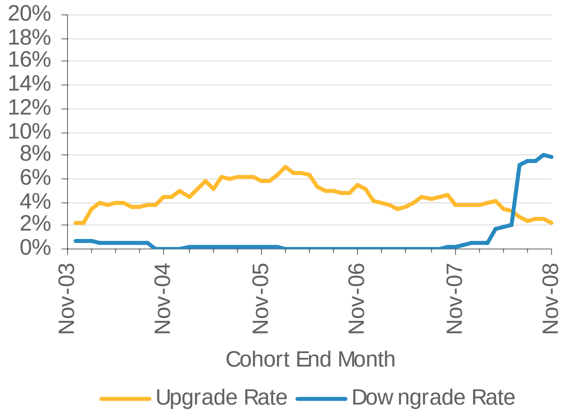


Exhibit 9B: Average Number of Notches Upgraded or Downgraded

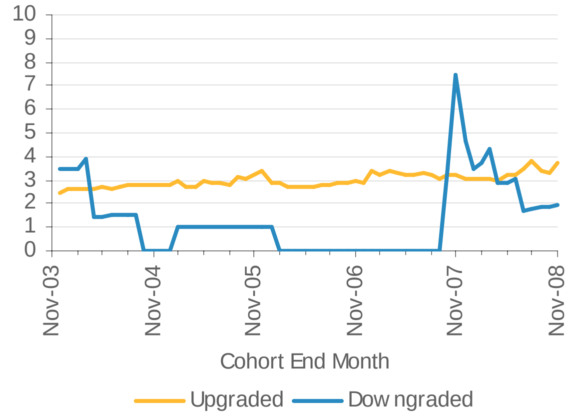


Exhibit 9C: Fallen Angel Rates and Aaa Downgrade Rates

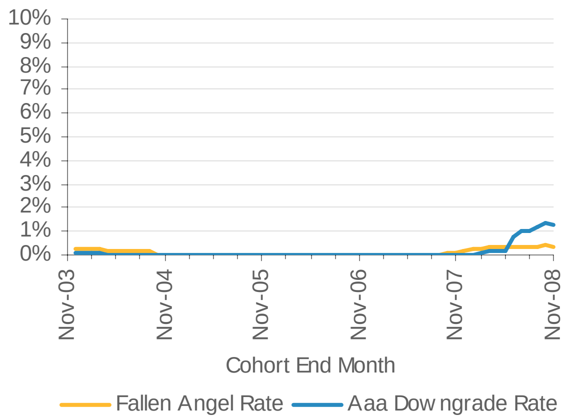


Exhibit 9D: Review for Upgrade and Review for Downgrade Rates

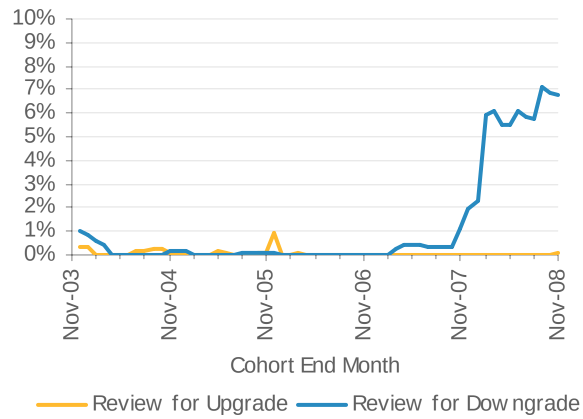


Exhibit 9E: Summary of Rating Transition Trends

	Cohort End Dates		
	11/30/2008	11/30/2007	12/03-11/08
Downgrade Rate	7.8%	0.1%	1.1%
Upgrade Rate	2.2%	3.8%	4.4%
Downgrade/Upgrade Ratio	3.5	0.0	0.2
Downgrade Rate (Notch Weighted)	15.0%	0.8%	2.2%
Upgrade Rate (Notch Weighted)	8.4%	12.4%	13.1%
Downgrade/Upgrade Ratio (Notch Weighted)	1.8	0.1	0.2
Rating Drift (Notch Weighted)	-6.6%	11.6%	10.9%
Rating Volatility (Notch Weighted)	23.4%	13.2%	15.3%
Stability Rate	89.9%	96.1%	94.6%
Average Number of Notches Downgraded	1.9	7.5	2.1
Average Number of Notches Upgraded	3.8	3.2	3.0
Share of Securities on Review for Downgrade	6.8%	1.1%	1.5%
Share of Securities on Review for Upgrade	0.0%	0.0%	0.0%

November 2008 Structured Rating Transitions

Global SF (excluding SF CDOs, Other, and '05-'07 Vintage US HEL & RMBS) 12-Month Rating Transition Trends

Exhibit 10A: Upgrade and Downgrade Rates

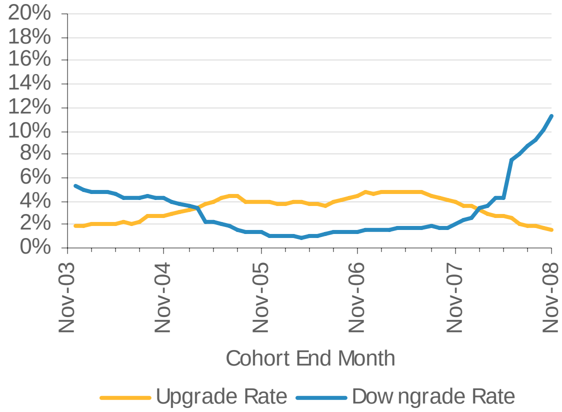


Exhibit 10B: Average Number of Notches Upgraded or Downgraded

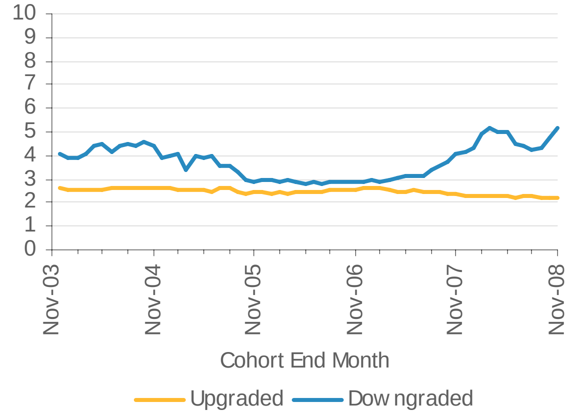


Exhibit 10C: Fallen Angel Rates and Aaa Downgrade Rates

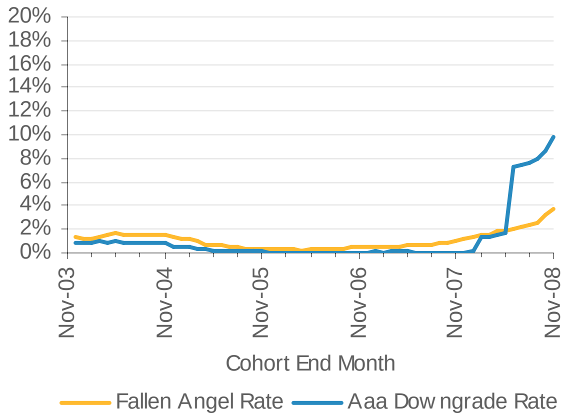


Exhibit 10D: Review for Upgrade and Review for Downgrade Rates

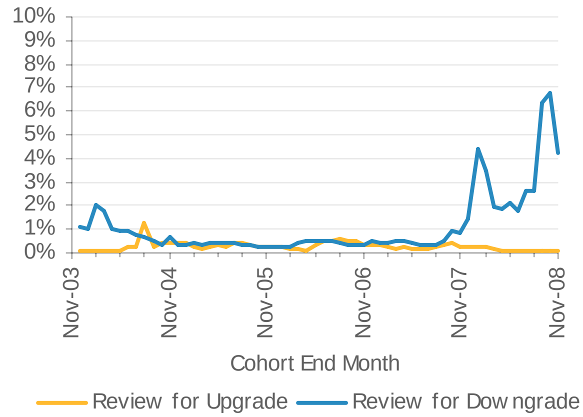


Exhibit 10E: Summary of Rating Transition Trends

	Cohort End Dates		
	11/30/2008	11/30/2007	12/03-11/08
Downgrade Rate	16.6%	2.4%	4.7%
Upgrade Rate	1.5%	3.4%	2.8%
Downgrade/Upgrade Ratio	10.8	0.7	1.7
Downgrade Rate (Notch Weighted)	112.9%	6.8%	17.9%
Upgrade Rate (Notch Weighted)	3.9%	7.7%	7.5%
Downgrade/Upgrade Ratio (Notch Weighted)	29.2	0.9	2.4
Rating Drift (Notch Weighted)	-109.0%	0.9%	-10.3%
Rating Volatility (Notch Weighted)	116.7%	14.4%	25.4%
Stability Rate	81.9%	94.2%	92.5%
Average Number of Notches Downgraded	6.8	2.8	3.8
Average Number of Notches Upgraded	2.5	2.3	2.7
Share of Securities on Review for Downgrade	7.4%	1.7%	2.3%
Share of Securities on Review for Upgrade	0.1%	0.4%	0.6%

November 2008 Structured Rating Transitions

US HEL (excluding '05-'07 Vintages) 12-Month Rating Transition Trends

Exhibit 11A: Upgrade and Downgrade Rates

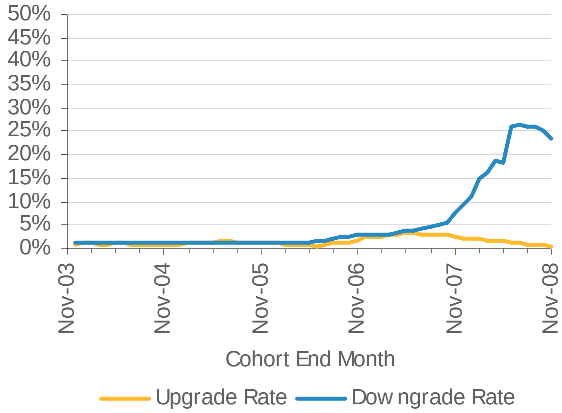


Exhibit 11B: Average Number of Notches Upgraded or Downgraded

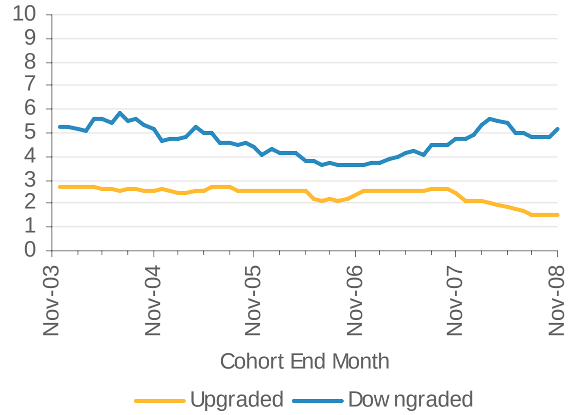


Exhibit 11C: Fallen Angel Rates and Aaa Downgrade Rates

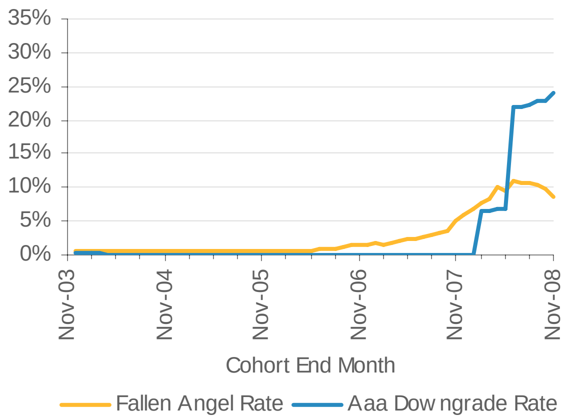


Exhibit 11D: Review for Upgrade and Review for Downgrade Rates

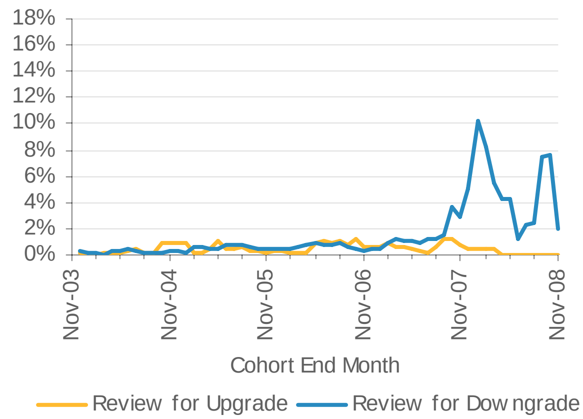


Exhibit 11E: Summary of Rating Transition Trends

	Cohort End Dates		
	11/30/2008	11/30/2007	12/03-11/08
Downgrade Rate	23.3%	7.9%	5.4%
Upgrade Rate	0.4%	2.7%	1.6%
Downgrade/Upgrade Ratio	53.7	2.9	3.4
Downgrade Rate (Notch Weighted)	121.2%	37.8%	26.2%
Upgrade Rate (Notch Weighted)	0.7%	6.7%	3.9%
Downgrade/Upgrade Ratio (Notch Weighted)	185.9	5.6	6.8
Rating Drift (Notch Weighted)	-120.6%	-31.1%	-22.3%
Rating Volatility (Notch Weighted)	121.9%	44.5%	30.0%
Stability Rate	76.2%	89.4%	93.0%
Average Number of Notches Downgraded	5.2	4.8	4.8
Average Number of Notches Upgraded	1.5	2.5	2.4
Share of Securities on Review for Downgrade	2.1%	3.0%	1.5%
Share of Securities on Review for Upgrade	0.0%	0.7%	0.5%

US RMBS (excluding '05-'07 Vintages) 12-Month Rating Transition Trends

Exhibit 12A: Upgrade and Downgrade Rates

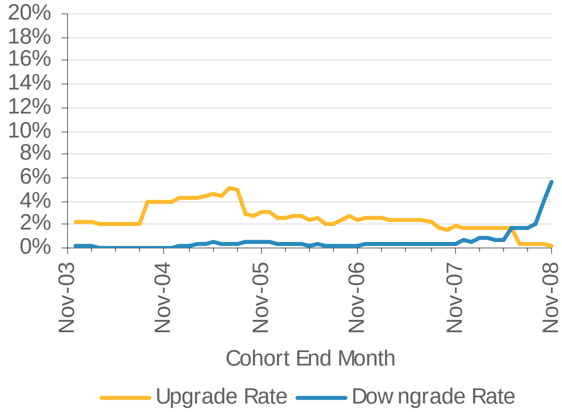


Exhibit 12B: Average Number of Notches Upgraded or Downgraded

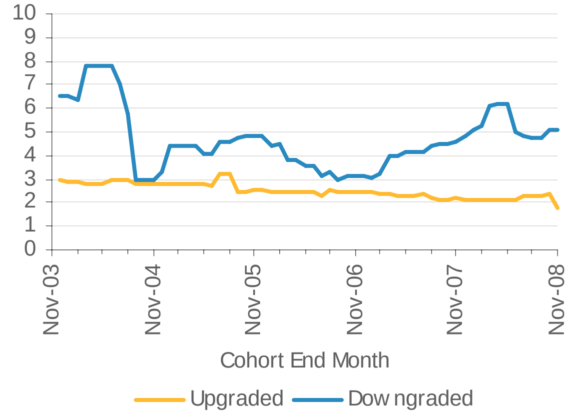


Exhibit 12C: Fallen Angel Rates and Aaa Downgrade Rates

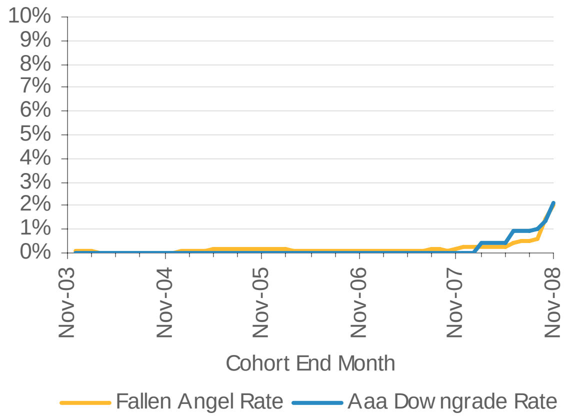


Exhibit 12D: Review for Upgrade and Review for Downgrade Rates

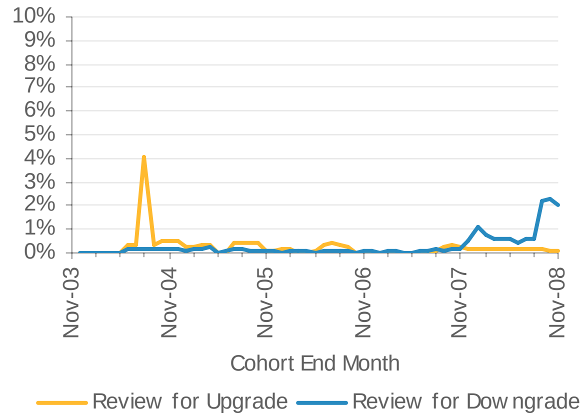


Exhibit 12E: Summary of Rating Transition Trends

	Cohort End Dates		
	11/30/2008	11/30/2007	12/03-11/08
Downgrade Rate	5.6%	0.4%	0.6%
Upgrade Rate	0.1%	1.8%	2.5%
Downgrade/Upgrade Ratio	41.6	0.2	0.2
Downgrade Rate (Notch Weighted)	28.8%	1.9%	2.7%
Upgrade Rate (Notch Weighted)	0.2%	3.9%	6.4%
Downgrade/Upgrade Ratio (Notch Weighted)	121.3	0.5	0.4
Rating Drift (Notch Weighted)	-28.5%	2.0%	3.7%
Rating Volatility (Notch Weighted)	29.0%	5.9%	9.1%
Stability Rate	94.2%	97.8%	97.0%
Average Number of Notches Downgraded	5.1	4.5	4.8
Average Number of Notches Upgraded	1.8	2.2	2.6
Share of Securities on Review for Downgrade	2.1%	0.2%	0.3%
Share of Securities on Review for Upgrade	0.1%	0.3%	0.2%

November 2008 Structured Rating Transitions

Global CDOs (excluding SF CDOs) 12-Month Rating Transition Trends

Exhibit 13A: Upgrade and Downgrade Rates

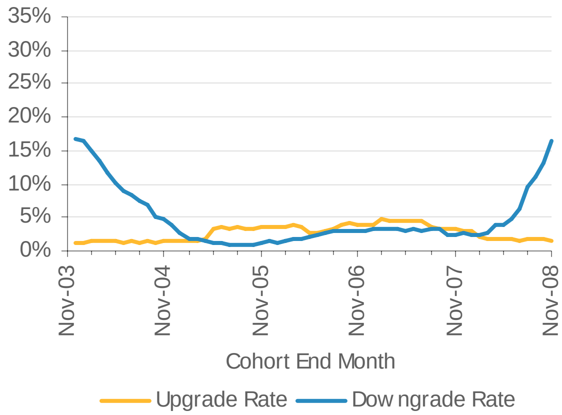


Exhibit 13B: Average Number of Notches Upgraded or Downgraded

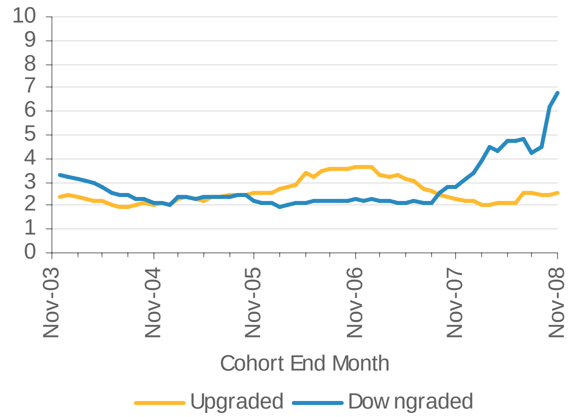


Exhibit 13C: Fallen Angel Rates and Aaa Downgrade Rates

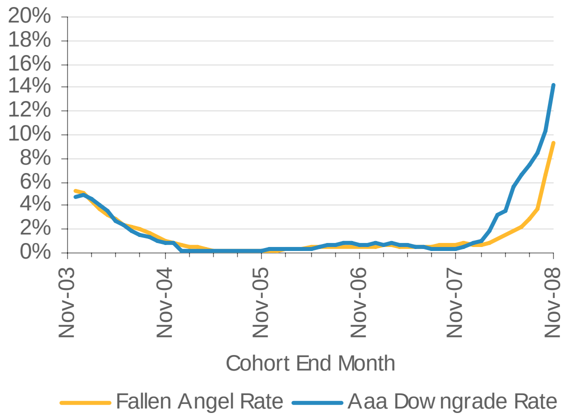


Exhibit 13D: Review for Upgrade and Review for Downgrade Rates

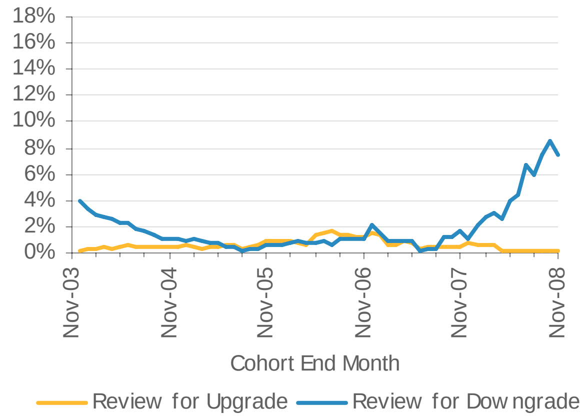


Exhibit 13E: Summary of Rating Transition Trends

	Cohort End Dates		
	11/30/2008	11/30/2007	12/03-11/08
Downgrade Rate	16.6%	2.4%	4.7%
Upgrade Rate	1.5%	3.4%	2.8%
Downgrade/Upgrade Ratio	10.8	0.7	1.7
Downgrade Rate (Notch Weighted)	112.9%	6.8%	17.9%
Upgrade Rate (Notch Weighted)	3.9%	7.7%	7.5%
Downgrade/Upgrade Ratio (Notch Weighted)	29.2	0.9	2.4
Rating Drift (Notch Weighted)	-109.0%	0.9%	-10.3%
Rating Volatility (Notch Weighted)	116.7%	14.4%	25.4%
Stability Rate	81.9%	94.2%	92.5%
Average Number of Notches Downgraded	6.8	2.8	3.8
Average Number of Notches Upgraded	2.5	2.3	2.7
Share of Securities on Review for Downgrade	7.4%	1.7%	2.3%
Share of Securities on Review for Upgrade	0.1%	0.4%	0.6%

Distribution of November 2008 Downgrades by Original Rating and Vintage

Exhibit 14A: Global Structured Finance

	Total	pre-2002	2002	2003	2004	2005	2006	2007	2008
Aaa	2428	181	95	142	235	559	729	460	27
Aa	552	4	12	25	69	187	163	90	2
A	472	6	21	42	94	168	88	52	1
Baa	389	19	6	19	67	194	54	29	1
Spec-Grade	205	4	5	9	32	79	37	39	

Exhibit 14B: US ABS (excluding HEL)

	Total	pre-2002	2002	2003	2004	2005	2006	2007	2008
Aaa	294	25	10	12	27	38	53	110	19
Aa	8					2	1	3	2
A	6	1			1	1		3	
Baa	6	2			1	1	1	1	
Spec-Grade	1							1	

Exhibit 14C: US HEL

	Total	pre-2002	2002	2003	2004	2005	2006	2007	2008
Aaa	594	112	47	56	69	54	150	106	
Aa	86			4	2	44	31	5	
A	118			3	4	73	35	3	
Baa	135	7	2	4	9	93	20		
Spec-Grade	36	3			4	25	4		

Exhibit 14D: US RMBS

	Total	pre-2002	2002	2003	2004	2005	2006	2007	2008
Aaa	1029	3	3	8	64	325	468	158	
Aa	210	1	3	3	39	59	76	29	
A	118	1	3	3	41	44	15	11	
Baa	80	1	3	4	30	33	7	2	
Spec-Grade	59		5	8	12	19	11	4	

Exhibit 14E: US CMBS

	Total	pre-2002	2002	2003	2004	2005	2006	2007	2008
Aaa	4					1		3	
Aa	6					2		4	
A	13		3			3	1	6	
Baa	18					7	3	8	
Spec-Grade	48	1			1	15	11	20	

Exhibit 14F: Global CDOs

	Total	pre-2002	2002	2003	2004	2005	2006	2007	2008
Aaa	335	9	15	44	62	128	40	35	2
Aa	228	3	7	18	28	80	52	40	
A	203	4	13	36	48	47	34	20	1
Baa	131	9	1	11	26	58	20	6	
Spec-Grade	52			1	15	20	8	8	

Exhibit 14G: EMEA (excluding CDOs and Other)

	Total	pre-2002	2002	2003	2004	2005	2006	2007	2008
Aaa	114	14	12	18	11	7	12	35	5
Aa	12						3	9	
A	12						3	9	
Baa	12						2	10	
Spec-Grade	9						3	6	

Exhibit 14H: Asia Pacific (excluding CDOs and Other)

	Total	pre-2002	2002	2003	2004	2005	2006	2007	2008
Aaa	5	1				3		1	
Aa									
A									
Baa	1							1	
Spec-Grade									

Distribution of Downgrades by Original Rating and Vintage for the 12-Month Cohort Ending November 2008

Exhibit 15A: Global Structured Finance

	Total	pre-2002	2002	2003	2004	2005	2006	2007
Aaa	11687	806	200	325	593	2043	4434	3286
Aa	6761	43	61	112	276	1206	3131	1932
A	6619	39	61	126	445	1522	2802	1624
Baa	7047	58	98	206	702	1863	2605	1515
Spec-Grade	1909	57	37	38	192	580	624	381

Exhibit 15B: US ABS (excluding HEL)

	Total	pre-2002	2002	2003	2004	2005	2006	2007
Aaa	1143	348	51	85	109	158	164	228
Aa	20				2	6	6	6
A	37	4	2	2	5	6	11	7
Baa	30	3	1		5	3	9	9
Spec-Grade	6				2	2	1	1

Exhibit 15C: US HEL

	Total	pre-2002	2002	2003	2004	2005	2006	2007
Aaa	3012	295	66	87	150	199	1309	906
Aa	2535	7	16	19	46	384	1359	704
A	3369	12	28	48	203	877	1489	712
Baa	3922	14	53	135	436	1206	1419	659
Spec-Grade	883	3	1	6	92	395	245	141

Exhibit 15D: US RMBS

	Total	pre-2002	2002	2003	2004	2005	2006	2007
Aaa	5094	52	5	9	119	1264	2245	1400
Aa	2669	2	4	7	98	541	1188	829
A	1962	2	6	8	125	416	843	562
Baa	1888	3	8	5	139	454	763	516
Spec-Grade	441	3	12	13	46	97	162	108

Exhibit 15E: US CMBS

	Total	pre-2002	2002	2003	2004	2005	2006	2007
Aaa	5					1		4
Aa	21	2				5	5	9
A	39	3	4			5	12	15
Baa	77	1			5	13	36	22
Spec-Grade	215	29	15	8	22	29	66	46

Exhibit 15F: Global CDOs

	Total	pre-2002	2002	2003	2004	2005	2006	2007
Aaa	2137	56	50	112	177	391	673	678
Aa	1340	29	32	64	101	240	526	348
A	1158	16	17	68	110	213	422	312
Baa	1031	34	31	64	113	176	337	276
Spec-Grade	322	22	7	11	30	51	130	71

Exhibit 15G: EMEA (excluding CDOs and Other)

	Total	pre-2002	2002	2003	2004	2005	2006	2007
Aaa	185	30	16	28	23	16	27	45
Aa	32		3		1	1	14	13
A	41		1		2	4	21	13
Baa	70		1		1	7	35	26
Spec-Grade	36		2			2	18	14

Exhibit 15H: Asia Pacific (excluding CDOs and Other)

	Total	pre-2002	2002	2003	2004	2005	2006	2007
Aaa	14	2				5	4	3
Aa	136	1	4	22	25	29	32	23
A	6	1	1				3	1
Baa	6						4	2
Spec-Grade	6					4	2	

November 2008 Structured Rating Transitions

12-Month Rating Transition Matrices for the Cohort Ending November 2008

Exhibit 16: Global Structured Finance 12-Month Refined-Rating Transition Matrix for the Cohort Ending 11/30/2008

	Total	Aaa	Aa1	Aa2	Aa3	A1	A2	A3	Baa1	Baa2	Baa3	Ba1	Ba2	Ba3	B1	B2	B3	Caa1	Caa2	Caa3	Ca	C
Aaa	52141	78.2%	1.6%	1.6%	2.9%	1.8%	2.0%	1.3%	2.4%	1.0%	1.2%	0.9%	0.8%	0.6%	0.6%	0.5%	0.6%	0.4%	0.3%	0.2%	0.7%	0.5%
Aa1	4460	1.8%	55.3%	1.6%	2.1%	2.4%	1.8%	2.1%	2.1%	1.9%	2.0%	1.9%	2.0%	2.7%	2.6%	2.6%	4.0%	1.3%	2.2%	0.7%	2.7%	4.2%
Aa2	7080	1.0%	0.8%	58.8%	3.0%	2.5%	1.9%	1.7%	1.5%	1.4%	1.1%	1.5%	1.0%	1.1%	1.5%	2.1%	3.3%	1.2%	2.0%	1.1%	4.9%	6.6%
Aa3	3402	0.9%	0.6%	1.0%	47.2%	2.1%	2.1%	2.1%	2.5%	2.0%	1.6%	1.5%	1.0%	1.4%	1.9%	2.6%	4.1%	1.4%	2.6%	1.3%	5.5%	14.7%
A1	2441	0.7%	0.3%	0.8%	1.2%	50.1%	1.8%	2.3%	2.8%	2.1%	1.5%	1.4%	1.9%	1.0%	1.8%	2.4%	3.5%	1.3%	2.9%	1.0%	6.7%	12.6%
A2	6690	0.2%	0.1%	0.3%	0.3%	0.7%	64.4%	1.1%	2.3%	2.3%	1.5%	1.4%	0.9%	1.4%	1.2%	1.8%	2.5%	1.2%	1.6%	1.1%	5.2%	8.6%
A3	3380	0.2%	0.1%	0.2%	0.4%	0.4%	0.6%	45.6%	2.4%	2.4%	2.8%	2.5%	1.8%	1.9%	2.1%	1.9%	2.8%	1.7%	2.4%	1.7%	8.5%	17.8%
Baa1	3041	0.1%	0.0%	0.1%	0.1%	0.5%	0.7%	0.8%	46.9%	1.4%	2.0%	2.3%	1.5%	1.9%	2.1%	2.3%	2.6%	2.2%	2.3%	1.2%	8.5%	20.7%
Baa2	6077	0.2%			0.1%	0.1%	0.3%	0.2%	0.6%	58.2%	1.1%	2.0%	1.8%	1.2%	1.4%	1.5%	2.7%	1.6%	1.7%	0.9%	7.7%	16.7%
Baa3	3736	0.1%		0.1%			0.1%	0.2%	0.2%	0.6%	50.2%	1.3%	1.6%	1.7%	1.5%	1.5%	2.8%	1.4%	1.5%	1.2%	9.9%	24.1%
Ba1	1795	0.1%					0.1%	0.1%	0.2%	0.5%	0.3%	45.1%	1.2%	0.8%	0.8%	0.8%	2.1%	0.9%	1.8%	1.3%	10.4%	33.6%
Ba2	2606	0.0%		0.0%					0.0%	0.3%	0.2%	0.3%	61.8%	0.7%	0.6%	0.6%	1.3%	0.9%	1.5%	1.3%	9.2%	21.2%
Ba3	1296					0.2%		0.1%		0.1%	0.3%	0.3%	0.3%	55.6%	1.6%	1.2%	1.8%	0.7%	0.7%	0.6%	7.4%	29.2%
B1	790									0.4%				0.1%	50.6%	2.4%	1.1%	1.4%	0.8%	0.6%	8.2%	34.3%
B2	1039												0.6%		0.3%	59.5%	2.2%	2.7%	1.2%	0.7%	9.0%	24.0%
B3	1177											0.1%		0.1%			35.6%	2.4%	2.2%	1.4%	6.5%	51.7%
Caa1	397														0.3%			40.8%	0.5%	2.5%	8.3%	47.6%
Caa2	382																0.8%		39.5%	1.8%	12.3%	45.5%
Caa3	371															0.3%				31.3%	14.8%	53.6%
Ca	811																				41.3%	58.7%
C	1181																					100.0%

November 2008 Structured Rating Transitions

Exhibit 17: US ABS (excluding HEL) 12-Month Refined-Rating Transition Matrix for the Cohort Ending 11/30/2008

	Total	Aaa	Aa1	Aa2	Aa3	A1	A2	A3	Baa1	Baa2	Baa3	Ba1	Ba2	Ba3	B1	B2	B3	Caa1	Caa2	Caa3	Ca	C
Aaa	4723	75.7%	0.1%	0.6%	11.2%	1.8%	5.0%	0.9%	3.0%	0.6%	1.1%			0.0%	0.0%							
Aa1	168	3.6%	95.2%				0.6%						0.6%									
Aa2	243	1.6%	2.1%	94.7%				1.2%		0.4%												
Aa3	178	3.4%		1.1%	90.4%	1.1%		0.6%	1.1%	1.1%			1.1%									
A1	174	1.1%	1.1%	1.1%	1.7%	92.5%	0.6%	1.1%									0.6%					
A2	742		0.4%	0.1%	0.3%	0.3%	96.5%			0.1%	0.7%			0.1%	0.4%	0.3%	0.3%	0.5%				
A3	136		1.5%		0.7%			90.4%					1.5%		2.9%	2.2%	0.7%					
Baa1	196		0.5%	0.5%	1.0%	0.5%	0.5%		96.4%		0.5%											
Baa2	359				0.3%				0.6%	92.5%	0.6%		3.6%			1.1%	1.4%					
Baa3	308			0.6%							98.7%			0.3%	0.3%							
Ba1	111											100.0%										
Ba2	77												98.7%							1.3%		
Ba3	47					4.3%								87.2%			6.4%				2.1%	
B1	38														100.0%							
B2	47															95.7%			4.3%			
B3	51																100.0%					
Caa1	41																	90.2%		7.3%	2.4%	
Caa2	29																		100.0%			
Caa3	27																			100.0%		
Ca	98																				99.0%	1.0%
C	249																					100.0%

November 2008 Structured Rating Transitions

Exhibit 18: US HEL 12-Month Refined-Rating Transition Matrix for the Cohort Ending 11/30/2008

	Total	Aaa	Aa1	Aa2	Aa3	A1	A2	A3	Baa1	Baa2	Baa3	Ba1	Ba2	Ba3	B1	B2	B3	Caa1	Caa2	Caa3	Ca	C
Aaa	8130	63.7%	1.5%	2.4%	2.8%	2.0%	2.5%	2.1%	7.2%	1.9%	2.4%	1.5%	1.0%	1.2%	1.8%	1.3%	1.5%	1.1%	1.2%	0.5%	0.4%	0.1%
Aa1	1205	0.2%	45.9%	0.8%	0.9%	2.5%	1.7%	1.2%	2.9%	2.5%	1.2%	3.3%	2.6%	2.1%	2.4%	1.7%	2.3%	0.9%	5.9%	1.1%	4.6%	13.1%
Aa2	2046	0.2%	0.4%	53.1%	1.3%	3.8%	2.6%	1.5%	1.6%	1.6%	0.9%	2.0%	0.8%	1.1%	1.1%	1.8%	1.2%	0.5%	4.0%	1.0%	3.1%	16.4%
Aa3	1254		0.3%	0.2%	31.3%	3.1%	3.4%	2.3%	3.7%	2.6%	1.8%	1.4%	1.0%	1.4%	1.6%	2.7%	1.7%	0.5%	4.1%	0.5%	2.5%	34.1%
A1	938				0.1%	33.4%	2.7%	3.9%	5.4%	4.3%	1.9%	2.8%	2.6%	1.5%	1.9%	1.9%	1.8%	0.3%	4.9%	0.6%	3.1%	26.9%
A2	1706			0.1%	0.2%	0.2%	47.5%	1.2%	4.7%	5.2%	3.0%	2.4%	1.2%	1.2%	1.2%	2.3%	1.8%	0.8%	3.0%	0.8%	2.1%	20.9%
A3	1349				0.1%			31.8%	3.0%	4.2%	5.0%	4.2%	2.6%	2.7%	2.0%	1.6%	1.6%	0.6%	4.1%	1.2%	3.6%	31.9%
Baa1	1355								29.6%	1.9%	3.1%	4.1%	2.6%	3.1%	2.9%	2.9%	2.1%	2.1%	3.9%	1.5%	3.7%	36.6%
Baa2	1593									33.5%	0.8%	3.4%	3.0%	2.0%	2.3%	2.3%	3.6%	2.0%	4.2%	1.5%	3.7%	37.7%
Baa3	1309										21.8%	1.1%	2.4%	2.7%	2.8%	2.1%	3.7%	2.0%	3.1%	2.1%	8.0%	48.1%
Ba1	672											11.6%	0.1%	0.9%	1.3%	0.6%	3.3%	1.8%	3.6%	1.6%	7.3%	67.9%
Ba2	585												20.7%		0.9%	0.3%	1.7%	2.2%	3.1%	3.4%	7.0%	60.7%
Ba3	321													21.8%		0.6%	2.5%	0.3%	1.6%	1.9%	3.1%	68.2%
B1	235														18.3%		0.4%	0.9%	2.1%	1.3%	4.7%	72.3%
B2	230															25.7%		3.0%	0.9%	0.9%	3.5%	66.1%
B3	608																10.5%	0.5%	0.7%	1.8%	2.8%	83.7%
Caa1	170																	25.9%		1.8%	1.2%	71.2%
Caa2	158																		33.5%		3.8%	62.7%
Caa3	130																			24.6%	3.1%	72.3%
Ca	351																				13.1%	86.9%
C	671																					100.0%

November 2008 Structured Rating Transitions

Exhibit 19: US CMBS 12-Month Refined-Rating Transition Matrix for the Cohort Ending 11/30/2008

	Total	Aaa	Aa1	Aa2	Aa3	A1	A2	A3	Baa1	Baa2	Baa3	Ba1	Ba2	Ba3	B1	B2	B3	Caa1	Caa2	Caa3	Ca	C
Aaa	3727	99.9%	0.1%	0.0%	0.0%																	
Aa1	235	20.9%	77.0%	0.9%	0.9%	0.4%																
Aa2	463	9.5%	5.2%	83.4%	0.4%	0.9%	0.4%	0.2%														
Aa3	303	6.3%	3.0%	8.3%	80.2%	0.3%	0.7%	0.3%	0.3%			0.7%										
A1	257	4.3%	1.6%	5.4%	7.0%	79.0%	0.8%		0.8%	0.4%			0.8%									
A2	438	0.7%	0.2%	1.6%	2.1%	5.9%	85.4%	2.1%	0.7%	0.5%	0.2%		0.2%	0.5%								
A3	395	1.0%	0.3%	0.5%	1.5%	2.5%	4.6%	86.8%	1.0%	0.5%	0.5%	0.3%			0.5%							
Baa1	433	0.2%		0.2%	0.5%	2.8%	3.0%	3.7%	85.9%	1.2%	0.9%	0.5%	0.5%	0.2%		0.5%						
Baa2	504	0.2%			0.6%	0.8%	2.4%	1.8%	3.4%	85.5%	1.4%	1.2%	1.2%			0.8%	0.8%					
Baa3	544	0.4%					0.2%	1.5%	1.1%	3.3%	88.2%	1.8%	0.9%	1.7%	0.4%	0.2%	0.2%	0.2%				
Ba1	374						0.3%	0.3%	1.1%	1.9%	1.1%	88.8%	3.2%	1.6%	0.5%	0.8%	0.5%					
Ba2	408									0.7%	0.5%	1.2%	90.4%	3.4%	1.2%	0.7%	1.0%	0.5%	0.2%			
Ba3	346							0.3%		0.3%	0.3%	0.6%	0.3%	91.6%	3.5%	1.7%	0.6%	0.6%	0.3%			
B1	281													0.4%	87.5%	6.8%	2.8%	1.8%	0.4%	0.4%		
B2	321														0.6%	85.4%	6.2%	5.6%	1.6%	0.3%	0.3%	
B3	291											0.3%					84.9%	7.9%	5.5%	1.4%		
Caa1	38														2.6%			71.1%	2.6%	10.5%	10.5%	2.6%
Caa2	43																2.3%		79.1%	11.6%	7.0%	
Caa3	21																			90.5%	9.5%	
Ca	25																				84.0%	16.0%
C	35																					100.0%

November 2008 Structured Rating Transitions

Exhibit 20: US RMBS 12-Month Refined-Rating Transition Matrix for the Cohort Ending 11/30/2008

	Total	Aaa	Aa1	Aa2	Aa3	A1	A2	A3	Baa1	Baa2	Baa3	Ba1	Ba2	Ba3	B1	B2	B3	Caa1	Caa2	Caa3	Ca	C
Aaa	26756	81.0%	2.1%	1.8%	2.2%	2.2%	1.8%	1.4%	1.5%	0.9%	1.1%	0.9%	0.9%	0.6%	0.4%	0.3%	0.5%	0.2%	0.1%	0.0%	0.0%	
Aa1	2228	0.1%	50.1%	2.2%	3.2%	3.1%	2.3%	3.3%	2.4%	2.3%	2.6%	1.8%	2.3%	3.3%	3.8%	4.3%	6.6%	2.1%	1.0%	0.6%	2.3%	0.2%
Aa2	1853		0.3%	45.4%	2.4%	3.5%	2.1%	2.4%	3.0%	2.4%	1.8%	1.6%	1.5%	1.9%	3.0%	4.7%	9.0%	2.3%	2.3%	1.5%	7.8%	1.5%
Aa3	764				27.6%	1.0%	2.5%	2.6%	2.2%	1.8%	3.0%	2.0%	1.7%	1.7%	5.1%	5.4%	13.2%	3.7%	2.9%	3.1%	15.6%	4.8%
A1	489					24.5%	1.6%	1.4%	1.4%	1.4%	2.7%	1.0%	3.5%	1.4%	3.5%	7.6%	11.9%	4.5%	3.7%	2.5%	22.5%	4.9%
A2	1425					0.1%	46.2%	1.5%	2.8%	2.5%	1.8%	2.5%	1.3%	2.6%	2.9%	3.8%	7.4%	3.0%	2.2%	1.4%	14.4%	3.5%
A3	678							29.5%	1.3%	1.2%	1.2%	1.5%	1.9%	3.1%	3.7%	4.4%	8.0%	4.1%	2.4%	1.8%	26.1%	9.9%
Baa1	559								20.0%	0.7%	1.4%	1.8%	0.9%	1.4%	3.4%	3.9%	8.6%	4.8%	2.5%	1.3%	32.7%	16.5%
Baa2	1305								0.2%	43.9%	0.8%	1.9%	1.1%	1.6%	2.1%	2.4%	6.0%	3.4%	1.7%	1.4%	22.1%	11.3%
Baa3	680										26.8%	0.6%	1.2%	1.2%	1.8%	3.2%	6.5%	3.8%	1.2%	1.5%	30.3%	22.1%
Ba1	250											25.6%	0.4%			2.0%	3.6%	1.6%	0.8%	0.4%	38.8%	26.8%
Ba2	524									0.4%			47.9%	0.4%	0.4%	0.4%	0.8%	1.0%	1.9%	1.1%	28.8%	17.0%
Ba3	172										1.2%			29.1%	2.3%	0.6%	1.2%		1.7%		36.0%	27.9%
B1	97														18.6%			2.1%			44.3%	35.1%
B2	302												0.3%			54.6%	0.7%	0.3%	0.7%	1.3%	22.8%	19.2%
B3	120													0.8%			18.3%		1.7%		36.7%	42.5%
Caa1	50																	42.0%			20.0%	38.0%
Caa2	48																		16.7%		41.7%	41.7%
Caa3	40																			22.5%	42.5%	35.0%
Ca	48																				62.5%	37.5%
C	52																					100.0%

Exhibit 21: Global CDOs 12-Month Refined-Rating Transition Matrix for the Cohort Ending 11/30/2008

	Total	Aaa	Aa1	Aa2	Aa3	A1	A2	A3	Baa1	Baa2	Baa3	Ba1	Ba2	Ba3	B1	B2	B3	Caa1	Caa2	Caa3	Ca	C
Aaa	5000	62.4%	2.6%	2.1%	1.5%	1.6%	1.8%	1.1%	1.0%	1.6%	1.5%	1.6%	1.2%	1.2%	1.6%	1.2%	1.1%	0.9%	1.2%	1.3%	6.2%	5.4%
Aa1	435	3.0%	63.9%	1.4%	2.1%	2.1%	1.1%	1.6%	1.1%	1.1%	3.9%	0.9%	0.7%	4.6%	0.7%	0.5%	0.9%	0.2%	1.4%	0.5%	2.8%	5.5%
Aa2	1730	0.2%	0.6%	60.7%	1.3%	1.0%	1.5%	2.0%	1.0%	1.3%	1.7%	1.9%	1.6%	1.1%	1.6%	1.3%	2.5%	1.7%	1.3%	1.5%	8.0%	6.2%
Aa3	454	1.1%	0.7%	0.7%	36.8%	4.0%	1.1%	2.6%	4.2%	4.4%	2.0%	3.7%	1.5%	3.5%	1.3%	3.1%	4.0%	2.6%	3.3%	3.1%	8.1%	8.1%
A1	291	1.4%	0.3%	0.7%	2.1%	52.6%	2.4%	2.1%	2.4%	0.7%	1.0%	0.7%	1.0%	1.0%	2.7%	1.0%	3.1%	2.1%	2.1%	1.7%	8.2%	10.7%
A2	1608	0.3%	0.1%	0.4%	0.2%	0.4%	64.1%	0.5%	1.9%	1.1%	0.9%	1.1%	1.2%	2.1%	0.8%	1.5%	1.7%	1.1%	1.3%	2.3%	6.7%	10.3%
A3	619	0.3%		1.0%	0.6%	0.6%	0.2%	40.7%	4.2%	2.6%	2.3%	2.6%	1.6%	1.0%	1.9%	1.3%	3.1%	3.4%	1.5%	4.5%	10.0%	16.6%
Baa1	258	0.4%		0.4%		0.4%	1.2%	1.9%	55.0%	2.3%	1.6%	0.4%		1.6%	1.9%	1.9%	0.4%	0.8%	0.8%	2.7%	9.7%	16.7%
Baa2	1567					0.2%	0.2%	0.3%	0.3%	62.4%	1.6%	1.8%	1.5%	0.6%	1.3%	0.9%	1.3%	1.4%	1.0%	0.8%	7.5%	16.9%
Baa3	602	0.2%							0.2%	0.7%	60.6%	1.7%	1.2%	0.8%	0.3%	1.0%	1.7%	0.2%	1.2%	0.7%	9.8%	19.9%
Ba1	254	0.8%								0.4%	0.4%	40.2%	2.8%	0.4%	0.4%	0.4%	0.4%		2.4%	3.9%	16.1%	31.5%
Ba2	781	0.1%								0.5%		0.3%	75.3%	0.3%	0.3%	0.9%	0.8%	0.3%	0.9%	0.6%	5.9%	14.0%
Ba3	320										0.3%	0.6%	0.9%	50.6%	1.3%	0.3%	1.6%	1.6%		0.6%	7.2%	35.0%
B1	111									2.7%					25.2%			0.9%		0.9%	9.9%	60.4%
B2	100												4.0%			42.0%		2.0%	1.0%		12.0%	39.0%
B3	86																18.6%	2.3%	3.5%	1.2%	18.6%	55.8%
Caa1	80																	21.3%			18.8%	60.0%
Caa2	92																2.2%		23.9%		18.5%	55.4%
Caa3	137															0.7%				14.6%	23.4%	61.3%
Ca	253																				43.1%	56.9%
C	143																					100.0%

November 2008 Structured Rating Transitions

Exhibit 22: EMEA (excluding CDOs and Other) 12-Month Refined-Rating Transition Matrix for the Cohort Ending 11/30/2008

	Total	Aaa	Aa1	Aa2	Aa3	A1	A2	A3	Baa1	Baa2	Baa3	Ba1	Ba2	Ba3	B1	B2	B3	Caa1	Caa2	Caa3	Ca	C
Aaa	2400	92.3%	0.3%	0.8%	2.0%	0.2%	0.4%	0.8%	1.8%	0.8%	0.2%	0.2%	0.1%		0.1%	0.1%						
Aa1	138	2.2%	95.7%	0.7%			1.4%															
Aa2	355	1.7%		93.8%	1.7%	0.6%	0.6%	0.6%										0.3%		0.8%		
Aa3	408		1.2%		96.1%	0.5%	0.2%	1.7%												0.2%		
A1	249		0.4%	0.4%		94.4%	0.8%	1.2%	0.4%	0.8%	0.8%	0.4%								0.4%		
A2	574	0.2%	0.3%	0.2%		1.0%	94.3%	1.6%	0.5%	1.2%					0.2%					0.5%		
A3	165						0.6%	96.4%	0.6%		1.2%			0.6%						0.6%		
Baa1	151							0.7%	92.7%	0.7%	1.3%	1.3%		1.3%		0.7%				1.3%		
Baa2	563					0.2%			0.7%	93.6%	1.1%	1.4%	1.2%	1.4%	0.2%	0.2%						
Baa3	238						0.4%		0.4%		87.0%	3.8%	3.8%	2.1%	0.8%		0.4%			1.3%		
Ba1	77									1.3%		88.3%		1.3%	1.3%	2.6%	3.9%			1.3%		
Ba2	154								0.6%		1.3%		87.7%		1.3%	0.6%	5.8%	0.6%	1.3%	0.6%		
Ba3	54													85.2%		7.4%	5.6%	1.9%				
B1	5														80.0%			20.0%				
B2	17															100.0%						
B3	6																100.0%					
Caa1	5																	80.0%			20.0%	
Caa2	5																		40.0%	40.0%		20.0%
Caa3	9																			88.9%		11.1%
Ca	23																				100.0%	
C	23																					100.0%

November 2008 Structured Rating Transitions

Exhibit 23: Asia Pacific (excluding CDOs and Other) 12-Month Refined-Rating Transition Matrix for the Cohort Ending 11/30/2008

	Total	Aaa	Aa1	Aa2	Aa3	A1	A2	A3	Baa1	Baa2	Baa3	Ba1	Ba2	Ba3	B1	B2	B3	Caa1	Caa2	Caa3	Ca	C
Aaa	1125	98.8%	0.1%		0.2%			0.5%	0.4%													
Aa1	40	5.0%	95.0%																			
Aa2	374	2.1%		61.5%	29.9%	2.1%	2.7%	0.8%	0.8%													
Aa3	34	5.9%			94.1%																	
A1	23			4.3%	4.3%	82.6%		4.3%	4.3%													
A2	177	3.4%		2.3%		0.6%	91.5%	1.7%					0.6%									
A3	35	2.9%				2.9%		94.3%														
Baa1	28						3.6%	3.6%	89.3%								3.6%					
Baa2	152	5.9%				0.7%	0.7%	0.7%	1.3%	88.2%		1.3%				1.3%						
Baa3	31										96.8%			3.2%								
Ba1	20											100.0%										
Ba2	56			1.8%							1.8%	1.8%	91.1%	1.8%							1.8%	
Ba3	21													95.2%	4.8%							
B1	10														100.0%							
B2	13												7.7%		7.7%	69.2%	7.7%				7.7%	
B3	4																75.0%		25.0%			
Caa1	0																					
Caa2	0																					
Caa3	0																					
Ca	0																					
C	0																					

New Downgrades to Ca/C in November 2008

Exhibit 24: New Downgrades to Ca/C in November 2008

US

- There were 456 new downgrades to Ca/C among US structured finance securities in November 2008.
- 186 tranches or $4.5 billion of securities from 58 deals in the HEL sector were downgraded to Ca/C.
- 129 tranches or $874 million of securities from 60 deals in the RMBS sector were downgraded to Ca/C.
- 137 tranches from 63 CDO transactions were downgraded to Ca/C.
- 3 tranches from 2 deals in the CMBS sector were downgraded to Ca/C.
- One security in the ABS sector was downgraded to Ca.

EMEA

- There were 58 new downgrades to Ca/C from 27 CDO transactions in the EMEA region in November 2008.

Asia Pacific - No new downgrades to Ca/C this month

Latin America - No new downgrades to Ca/C this month

*For a complete list of securities downgraded to Ca/C, please see the accompanying **Excel Data Supplement** on moodys.com.*

Description of Data Sample

The data sample used in this report includes all public, 144A, and private tranches with a published Moody's long-term global debt rating among global asset-backed securities (ABS), commercial and residential mortgage-backed securities (CMBS and RMBS), collateralized debt obligations (CDOs), and other structured finance, including asset backed commercial paper (ABCP), structured investment vehicles (SIVs), structured covered bonds, catastrophe bonds, and derivative product companies. Provisional ratings, credit estimates or evaluations, short-term ratings, and national scale ratings are not included. In addition, the following types of securities are excluded from the definition of global structured finance: repackaged securities, structured notes, and other credit derivatives which are basically pass-throughs of the rating of another entity.

This data set is an expansion of the data set that was used in prior annual structured finance transition studies. Unlike the data set from prior annual studies, this data sample:

- Includes tranches wrapped by financial guarantors, government agencies, and government sponsored enterprises (GSEs);
- Includes interest-only (IO) and residual tranches;
- Includes some transactions outside of the four major sectors (ABS, CDO, CMBS, RMBS) of structured finance, such as ABCP, SIVs, structured covered bonds, catastrophe bonds and derivative product companies;
- Does not collapse tranches with the same rating from the same deal, i.e. all pari-passu tranches are counted in the data sample. The exceptions to this are notes with the same rating issued out of the same program for ABCP, SIVs and structured covered bonds, in which case only the rating of the program and not each individual security is counted.

The data used to create this report are commercially available via Moody's Structured Finance Default Risk service. For more information, please email DefaultResearch@moodys.com.

Glossary

Broad Ratings and Refined Ratings

Broad ratings refer to the following Moody's long-term bond rating categories: Aaa, Aa, A, Baa, Ba, B, and Caa or below. Refined ratings or ratings with numeric modifiers refer to Aaa, Aa1, Aa2, Aa3, A1, A2, A3, Baa1, Baa2, Baa3, Ba1, Ba2, Ba3, B1, B2, B3, Caa1, Caa2, Caa3, Ca, and C. The broad rating category Caa or below includes the following refined ratings: Caa1, Caa2, Caa3, Ca, and C.

Investment-Grade (IG) and Below Investment-Grade (BIG) / Speculative-Grade (SG) Ratings

Investment-grade ratings refer to Aaa, Aa1, Aa2, Aa3, A1, A2, A3, Baa1, Baa2, and Baa3. Below investment-grade or speculative-grade ratings refer to Ba1, Ba2, Ba3, B1, B2, B3, Caa1, Caa2, Caa3, Ca, and C.

Downgrade (Upgrade) Rate

A security is considered to have been downgraded (upgraded) if its rating at the end of a pre-specified time period is lower (higher) than at the beginning of the time period on the basis of ratings with numeric modifiers (also known as refined ratings or modified ratings). The downgrade rate is the number of securities downgraded (or upgraded) divided by the total number of outstanding securities at the beginning of the time period. Note that in measuring downgrade rates and upgrade rates, only ratings at the beginning and the end of the time period are considered. However, if a rating was withdrawn by the end of the time period, then the rating prior to withdrawal is used as the end rating. Note that a security will only be counted if it was outstanding as of the cohort formation date.

November 2008 Structured Rating Transitions

Average Number of Total Notches Downgraded (Upgraded) per 12-month Cohort

The number of total notches downgraded (upgraded) per 12-month cohort for a downgraded (upgraded) security is the difference in the rating of that security at the beginning and end of a 12-month period based on refined ratings. This term is also referred to as the magnitude, size, or severity of the rating change. The average number of total notches downgraded (upgraded) per 12-month cohort averages this quantity for all downgraded (upgraded) securities over the 12-month period. A security can experience multiple rating actions during a 12-month period, and therefore, this measure is different from the average number of notches changed per rating action. For example, if a security is downgraded from Baa1 to Baa2 and then Baa2 to Baa3 over 12 months, then the average number of notches changed per rating action would be one, but the average number of total notches changed per 12-month cohort would be two.

Weighted Downgrade (Upgrade) Rate

The weighted downgrade (upgrade) rate is computed as the number of securities downgraded (upgraded), weighted by the number of total notches changed per downgrade (upgrade) per year, divided by the total number of outstanding securities at the beginning of the 12-month period. For example, a security downgraded from Baa1 to B1 over 12 months is counted as three downgrades in the calculation of a weighted downgrade rate, but counted as only one downgrade in the calculation of the unweighted downgrade rate.

Fallen Angel Rate

A fallen angel is a security that was downgraded from an investment-grade rating to a below investment-grade rating. The fallen angel rate is the number of such securities over a 12-month period divided by the total number of investment grade securities outstanding at the beginning of the 12-month period. Note that a security will only be counted if it was outstanding as of the cohort formation date.

Securities Placed on Review for Downgrade (Upgrade)

The number of securities that were placed on review for downgrade (upgrade) in a particular month excludes securities that were no longer on review as of the end of the month. Note that a security is counted even if it experienced a downgrade (upgrade) within the month if it continued to be on review at the end of the month.

Share of Securities on Review for Downgrade (Upgrade)

The share of securities on review for downgrade (upgrade) is the number of securities on review for downgrade (upgrade) as of the end of the month divided by the total number of outstanding securities at the beginning of the 12-month period. Note that a security will only be counted if it was outstanding as of the cohort formation date.

Downgrade-to-Upgrade Ratio (weighted)

The downgrade-to-upgrade ratio is calculated as the total number of downgraded ratings divided by the total number of upgraded ratings. The weighted downgrade-to-upgrade ratio is the number of downgraded ratings, weighted by the number of notches changed, divided by the number of upgraded ratings, weighted by the number of notches changed.

Rating Drift

The rating drift is defined as the weighted upgrade rate minus the weighted downgrade rate.

Rating Volatility

The rating volatility is defined as the weighted upgrade rate plus the weighted downgrade rate.

Rating Stability Rate

The rating stability rate is a measure of the proportion of ratings that were unchanged over a pre-specified time period. It is calculated as one minus the sum of the downgrade rate and upgrade rate.

November 2008 Structured Rating Transitions

ABS

ABS stand for asset-backed securities. This structured finance sector includes securities backed by home equity loans (HEL) and both traditional asset types such as auto loans, credit card receivables, student loans, and manufactured housing loans, and non-traditional asset types such as mutual fund fees, tax liens, tobacco settlement payments, and intellectual property.

HEL

The home equity loan or HEL sector includes securities backed by subprime (B&C) mortgage loans, home improvement loans, high loan-to-value (high LTV) loans, home equity lines of credit (HELOCs), and closed-end second-lien loans, as well as net interest margin (NIM) securitizations. It does not include securities backed by Alt-A mortgages, which are included in the RMBS sector. HEL is part of the ABS sector.

Prior to 1998, RMBS collateral was generally defined as first-lien residential mortgages, regardless of the credit quality of the borrower. HEL collateral generally included junior liens such as HELOCs or closed-end seconds. However, as subprime lending became more prevalent, the market shifted its definition such that HEL encompassed subprime first-lien residential mortgages while RMBS included first-lien mortgages made to higher quality borrowers. Since 1998 and especially in the last five years, a deal classified as RMBS by Moody's is generally backed by prime or Alt-A quality first-lien residential mortgages, while a deal classified as HEL can be backed by subprime first-lien mortgages or junior liens. Therefore, a subprime deal which would be classified as HEL today may have been classified as RMBS in the past.

CDOs

CDOs stand for collateralized debt obligations. Derivative securities such as structured notes and repackaged securities are not considered to be part of this sector. Commercial real estate (CRE) CDOs, where 70% or more of the collateral is comprised of CRE loans, are classified as CMBS. If the collateral backing the transaction contains less than 70% CRE loans, then the deal is classified as a CDO.

CMBS

CMBS stand for commercial mortgage-backed securities. Commercial real estate (CRE) CDOs, where 70% or more of the collateral is comprised of CRE loans, are classified as CMBS. If the collateral backing the transaction contains less than 70% CRE loans, then the deal is classified as a CDO.

RMBS

RMBS stand for residential mortgage-backed securities. The large majority of these securities are backed by first-lien prime mortgages, but some are backed by Alt-A mortgages. For further details, see the definition of HEL.

Other Structured Finance

Other structured finance consists of structured finance securities not categorized in the four major sectors (ABS, CDO, CMBS, and RMBS) including asset-backed commercial paper (ABCP) programs, structured investment vehicles (SIVs), structured covered bonds, insurance-linked securities such as catastrophe bonds, and derivative product companies. However, notes carrying only short-term ratings such as commercial paper are excluded.

Global Structured Finance

Global structured finance captures securities issued around the world in the four major sectors - ABS, CDO, CMBS, and RMBS – and in the other structured finance category. For further details, see the definition of Other Structured Finance.

November 2008 Structured Rating Transitions

U.S. Structured Finance

U.S. structured finance securities are denominated in U.S. dollars and issued in the U.S. market or denominated in Canadian dollars and issued in Canada. In cases where the source of the underlying collateral and the denomination of the securities crossed multiple countries/regions, deals are classified by the location at which they are monitored.

EMEA Structured Finance

EMEA is an abbreviation of Europe, the Middle East, and Africa. EMEA structured finance securities are denominated in a currency from or issued out of a country in the EMEA region. In cases where the source of the underlying collateral and the denomination of the securities crossed multiple countries/regions, deals are classified by the location at which they are monitored.

Asia Pacific Structured Finance

Asia-Pacific structured finance securities are denominated in the currency of a country in the Asia-Pacific region or issued in an Asia-Pacific country (including Japan and Australia). In cases where the source of the underlying collateral and the denomination of the securities crossed multiple countries/regions, deals are classified by the location at which they are monitored

Latin American Structured Finance

Latin American structured finance securities are denominated in a Latin American currency or issued in Latin America. In cases where the source of the underlying collateral and the denomination of the securities crossed multiple countries/regions, deals are classified by the location at which they are monitored.

November 2008 Structured Rating Transitions

Report Number: SF151010

Author	Production Specialist
Hadas Alexander	Yelena Ponirovskaya

Moody's Investors Service