

Fannie Mae SMBS-354

Contact: MBS Helpline  
 BESTMBS@fanniemae.com  
 1-800-237-8627  
 1-202-752-5858

Report Date : 6/16/13 9:40 PM

Distribution Summary - 06/2013

Class	CUSIP	Group	Interest Rate	Beginning/Notional Class Balance	Interest Distribution	Prepayment Penalties/Yield Maintenance	Principal Distribution	Ending/Notional Class Balance	Total Distribution	Paid Off Date
PO1	3136FCMA1		0.00000	378,479,290.00	0.00	N/AP	16,406,721.00	362,072,569.00	16,406,721.00	
IO2	3136FCMB9		5.50000	378,479,290.00	1,734,696.75	N/AP	0.00	362,072,569.00	1,734,696.75	
PI3*	3136FCMC7		0.50000	378,479,290.00	157,699.70	N/AP	16,406,721.00	362,072,569.00	16,564,420.70	
PI4*	3136FCMD5		1.00000	378,479,290.00	315,399.41	N/AP	16,406,721.00	362,072,569.00	16,722,120.41	
PI5*	3136FCME3		1.50000	378,479,290.00	473,099.11	N/AP	16,406,721.00	362,072,569.00	16,879,820.11	
PI6*	3136FCMF0		2.00000	378,479,290.00	630,798.82	N/AP	16,406,721.00	362,072,569.00	17,037,519.82	
PI7*	3136FCMG8		2.50000	378,479,290.00	788,498.52	N/AP	16,406,721.00	362,072,569.00	17,195,219.52	
PI8*	3136FCMH6		3.00000	378,479,290.00	946,198.23	N/AP	16,406,721.00	362,072,569.00	17,352,919.23	
PI9*	3136FCMJ2		3.50000	378,479,290.00	1,103,897.93	N/AP	16,406,721.00	362,072,569.00	17,510,618.93	
PI10*	3136FCMK9		4.00000	378,479,290.00	1,261,597.63	N/AP	16,406,721.00	362,072,569.00	17,668,318.63	
PI11*	3136FCML7		4.50000	378,479,290.00	1,419,297.34	N/AP	16,406,721.00	362,072,569.00	17,826,018.34	
PI12*	3136FCMM5		5.00000	378,479,290.00	1,576,997.04	N/AP	16,406,721.00	362,072,569.00	17,983,718.04	
PI13*	3136FCMN3		5.50000	378,479,290.00	1,734,696.75	N/AP	16,406,721.00	362,072,569.00	18,141,417.75	
IP14*	3136FCMP8		6.00000	346,939,349.17	1,734,696.75	N/AP	15,039,494.25	331,899,854.92	16,774,191.00	
IP15*	3136FCMQ6		6.50000	320,251,706.92	1,734,696.75	N/AP	13,882,610.08	306,369,096.85	15,617,306.83	
IP16*	3136FCMR4		7.00000	297,376,585.00	1,734,696.75	N/AP	12,890,995.07	284,485,589.93	14,625,691.82	
IP17*	3136FCMS2		7.50000	277,551,479.33	1,734,696.75	N/AP	12,031,595.40	265,519,883.93	13,766,292.15	
IP18*	3136FCMT0		8.00000	260,204,511.88	1,734,696.75	N/AP	11,279,620.69	248,924,891.19	13,014,317.44	
IP19*	3136FCMU7		8.50000	244,898,364.12	1,734,696.75	N/AP	10,616,113.59	234,282,250.53	12,350,810.34	
IP20*	3136FCMV5		9.00000	231,292,899.44	1,734,696.75	N/AP	10,026,329.50	221,266,569.94	11,761,026.25	
IP21*	3136FCMW3		9.50000	219,119,588.95	1,734,696.75	N/AP	9,498,627.95	209,620,961.00	11,233,324.70	
IP22*	3136FCMX1		10.00000	208,163,609.50	1,734,696.75	N/AP	9,023,696.55	199,139,912.95	10,758,393.30	
IP23*	3136FCMY9		10.50000	198,251,056.67	1,734,696.75	N/AP	8,593,996.71	189,657,059.95	10,328,693.46	
IP24*	3136FCMZ6		11.00000	189,239,645.00	1,734,696.75	N/AP	8,203,360.50	181,036,284.50	9,938,057.25	
Totals				378,479,290.00	1,734,696.75	N/AP	16,406,721.00	362,072,569.00	18,141,417.75	

NOTE: N/AV - Not Available. N/AP - Not Applicable. \* RCR Classes.

\*\* Refer to either the Prospectus Supplement or to the Excel file for tranches supported by more than one group.

\*\*\* Please contact MBS Helpline for interest rate information.

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Principal Distribution Statement - 06/2013

Class	Original Class Balance	Group	Beginning/Notional Class Balance	Principal Distribution	Accretion	Ending/Notional Class Balance	Paid Off Date
PO1	2,900,000,000.00		378,479,290.00	16,406,721.00	N/AP	362,072,569.00	
IO2	2,900,000,000.00		378,479,290.00	0.00	N/AP	362,072,569.00	
PI3*	2,900,000,000.00		378,479,290.00	16,406,721.00	N/AP	362,072,569.00	
PI4*	2,900,000,000.00		378,479,290.00	16,406,721.00	N/AP	362,072,569.00	
PI5*	2,900,000,000.00		378,479,290.00	16,406,721.00	N/AP	362,072,569.00	
PI6*	2,900,000,000.00		378,479,290.00	16,406,721.00	N/AP	362,072,569.00	
PI7*	2,900,000,000.00		378,479,290.00	16,406,721.00	N/AP	362,072,569.00	
PI8*	2,900,000,000.00		378,479,290.00	16,406,721.00	N/AP	362,072,569.00	
PI9*	2,900,000,000.00		378,479,290.00	16,406,721.00	N/AP	362,072,569.00	
PI10*	2,900,000,000.00		378,479,290.00	16,406,721.00	N/AP	362,072,569.00	
PI11*	2,900,000,000.00		378,479,290.00	16,406,721.00	N/AP	362,072,569.00	
PI12*	2,900,000,000.00		378,479,290.00	16,406,721.00	N/AP	362,072,569.00	
PI13*	2,900,000,000.00		378,479,290.00	16,406,721.00	N/AP	362,072,569.00	
IP14*	2,658,333,333.00		346,939,349.17	15,039,494.25	N/AP	331,899,854.92	
IP15*	2,453,846,153.00		320,251,706.92	13,882,610.08	N/AP	306,369,096.85	
IP16*	2,278,571,428.00		297,376,585.00	12,890,995.07	N/AP	284,485,589.93	
IP17*	2,126,666,666.00		277,551,479.33	12,031,595.40	N/AP	265,519,883.93	
IP18*	1,993,750,000.00		260,204,511.88	11,279,620.69	N/AP	248,924,891.19	
IP19*	1,876,470,588.00		244,898,364.12	10,616,113.59	N/AP	234,282,250.53	
IP20*	1,772,222,222.00		231,292,899.44	10,026,329.50	N/AP	221,266,569.94	
IP21*	1,678,947,368.00		219,119,588.95	9,498,627.95	N/AP	209,620,961.00	
IP22*	1,595,000,000.00		208,163,609.50	9,023,696.55	N/AP	199,139,912.95	
IP23*	1,519,047,619.00		198,251,056.67	8,593,996.71	N/AP	189,657,059.95	
IP24*	1,450,000,000.00		189,239,645.00	8,203,360.50	N/AP	181,036,284.50	
Totals	2,900,000,000.00		378,479,290.00	16,406,721.00	N/AP	362,072,569.00	

NOTE: N/AV - Not Available. N/AP - Not Applicable. \* RCR Classes.

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Principal Distribution Factors Statement - 06/2013

Class	Original Class Balance	Group	Beginning/Notional Class Balance	Principal Distribution	Accretion	Ending/Notional Class Balance	Paid Off Date
PO1	2,900,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	
IO2	2,900,000,000.00		0.13051010	0.00000000	N/AP	0.12485261	
PI3*	2,900,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	
PI4*	2,900,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	
PI5*	2,900,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	
PI6*	2,900,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	
PI7*	2,900,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	
PI8*	2,900,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	
PI9*	2,900,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	
PI10*	2,900,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	
PI11*	2,900,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	
PI12*	2,900,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	
PI13*	2,900,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	
IP14*	2,658,333,333.00		0.13051010	0.00565749	N/AP	0.12485261	
IP15*	2,453,846,153.00		0.13051010	0.00565749	N/AP	0.12485261	
IP16*	2,278,571,428.00		0.13051010	0.00565749	N/AP	0.12485261	
IP17*	2,126,666,666.00		0.13051010	0.00565749	N/AP	0.12485261	
IP18*	1,993,750,000.00		0.13051010	0.00565749	N/AP	0.12485261	
IP19*	1,876,470,588.00		0.13051010	0.00565749	N/AP	0.12485261	
IP20*	1,772,222,222.00		0.13051010	0.00565749	N/AP	0.12485261	
IP21*	1,678,947,368.00		0.13051010	0.00565749	N/AP	0.12485261	
IP22*	1,595,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	
IP23*	1,519,047,619.00		0.13051010	0.00565749	N/AP	0.12485261	
IP24*	1,450,000,000.00		0.13051010	0.00565749	N/AP	0.12485261	

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Interest Distribution Statement - 06/2013

Class	Accrual Basis	Delay/No Delay	Group	Original Class Balance	Current Interest Rate	Beginning/Notional Class Balance	Interest Distribution	Current Interest Shortfall	Cumulative Interest Shortfall	Ending/Notional Class Balance	Paid Off Date
PO1	30/360	DELAY		2,900,000,000.00	0.00000	378,479,290.00	0.00	N/AP	N/AP	362,072,569.00	
IO2	30/360	DELAY		2,900,000,000.00	5.50000	378,479,290.00	1,734,696.75	N/AP	N/AP	362,072,569.00	
PI3*	30/360	DELAY		2,900,000,000.00	0.50000	378,479,290.00	157,699.70	N/AP	N/AP	362,072,569.00	
PI4*	30/360	DELAY		2,900,000,000.00	1.00000	378,479,290.00	315,399.41	N/AP	N/AP	362,072,569.00	
PI5*	30/360	DELAY		2,900,000,000.00	1.50000	378,479,290.00	473,099.11	N/AP	N/AP	362,072,569.00	
PI6*	30/360	DELAY		2,900,000,000.00	2.00000	378,479,290.00	630,798.82	N/AP	N/AP	362,072,569.00	
PI7*	30/360	DELAY		2,900,000,000.00	2.50000	378,479,290.00	788,498.52	N/AP	N/AP	362,072,569.00	
PI8*	30/360	DELAY		2,900,000,000.00	3.00000	378,479,290.00	946,198.23	N/AP	N/AP	362,072,569.00	
PI9*	30/360	DELAY		2,900,000,000.00	3.50000	378,479,290.00	1,103,897.93	N/AP	N/AP	362,072,569.00	
PI10*	30/360	DELAY		2,900,000,000.00	4.00000	378,479,290.00	1,261,597.63	N/AP	N/AP	362,072,569.00	
PI11*	30/360	DELAY		2,900,000,000.00	4.50000	378,479,290.00	1,419,297.34	N/AP	N/AP	362,072,569.00	
PI12*	30/360	DELAY		2,900,000,000.00	5.00000	378,479,290.00	1,576,997.04	N/AP	N/AP	362,072,569.00	
PI13*	30/360	DELAY		2,900,000,000.00	5.50000	378,479,290.00	1,734,696.75	N/AP	N/AP	362,072,569.00	
IP14*	30/360	DELAY		2,658,333,333.00	6.00000	346,939,349.17	1,734,696.75	N/AP	N/AP	331,899,854.92	
IP15*	30/360	DELAY		2,453,846,153.00	6.50000	320,251,706.92	1,734,696.75	N/AP	N/AP	306,369,096.85	
IP16*	30/360	DELAY		2,278,571,428.00	7.00000	297,376,585.00	1,734,696.75	N/AP	N/AP	284,485,589.93	
IP17*	30/360	DELAY		2,126,666,666.00	7.50000	277,551,479.33	1,734,696.75	N/AP	N/AP	265,519,883.93	
IP18*	30/360	DELAY		1,993,750,000.00	8.00000	260,204,511.88	1,734,696.75	N/AP	N/AP	248,924,891.19	
IP19*	30/360	DELAY		1,876,470,588.00	8.50000	244,898,364.12	1,734,696.75	N/AP	N/AP	234,282,250.53	
IP20*	30/360	DELAY		1,772,222,222.00	9.00000	231,292,899.44	1,734,696.75	N/AP	N/AP	221,266,569.94	
IP21*	30/360	DELAY		1,678,947,368.00	9.50000	219,119,588.95	1,734,696.75	N/AP	N/AP	209,620,961.00	
IP22*	30/360	DELAY		1,595,000,000.00	10.00000	208,163,609.50	1,734,696.75	N/AP	N/AP	199,139,912.95	
IP23*	30/360	DELAY		1,519,047,619.00	10.50000	198,251,056.67	1,734,696.75	N/AP	N/AP	189,657,059.95	
IP24*	30/360	DELAY		1,450,000,000.00	11.00000	189,239,645.00	1,734,696.75	N/AP	N/AP	181,036,284.50	
Totals				2,900,000,000.00		378,479,290.00	1,734,696.75	N/AP	N/AP	362,072,569.00	

NOTE: N/AV - Not Available. N/AP - Not Applicable. \* RCR Classes.

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Interest Distribution Factors Statement - 06/2013

Class	Accrual Basis	Delay/No Delay	Group	Original Class Balance	Current Interest	Beginning/Notional Class Balance	Interest Distribution	Current Interest Shortfall	Cumulative Interest Shortfall	Ending/Notional Class Balance	Paid Off Date
PO1	30/360	DELAY		2,900,000,000.00	0.000000000	0.13051010	0.000000000	N/AP	N/AP	0.12485261	
IO2	30/360	DELAY		2,900,000,000.00	4.583333333	0.13051010	0.00059817	N/AP	N/AP	0.12485261	
PI3*	30/360	DELAY		2,900,000,000.00	0.416666667	0.13051010	0.00005438	N/AP	N/AP	0.12485261	
PI4*	30/360	DELAY		2,900,000,000.00	0.833333333	0.13051010	0.00010876	N/AP	N/AP	0.12485261	
PI5*	30/360	DELAY		2,900,000,000.00	1.250000000	0.13051010	0.00016314	N/AP	N/AP	0.12485261	
PI6*	30/360	DELAY		2,900,000,000.00	1.666666667	0.13051010	0.00021752	N/AP	N/AP	0.12485261	
PI7*	30/360	DELAY		2,900,000,000.00	2.083333333	0.13051010	0.00027190	N/AP	N/AP	0.12485261	
PI8*	30/360	DELAY		2,900,000,000.00	2.500000000	0.13051010	0.00032628	N/AP	N/AP	0.12485261	
PI9*	30/360	DELAY		2,900,000,000.00	2.916666667	0.13051010	0.00038065	N/AP	N/AP	0.12485261	
PI10*	30/360	DELAY		2,900,000,000.00	3.333333333	0.13051010	0.00043503	N/AP	N/AP	0.12485261	
PI11*	30/360	DELAY		2,900,000,000.00	3.750000000	0.13051010	0.00048941	N/AP	N/AP	0.12485261	
PI12*	30/360	DELAY		2,900,000,000.00	4.166666667	0.13051010	0.00054379	N/AP	N/AP	0.12485261	
PI13*	30/360	DELAY		2,900,000,000.00	4.583333333	0.13051010	0.00059817	N/AP	N/AP	0.12485261	
IP14*	30/360	DELAY		2,658,333,333.00	5.000000000	0.13051010	0.00065255	N/AP	N/AP	0.12485261	
IP15*	30/360	DELAY		2,453,846,153.00	5.416666667	0.13051010	0.00070693	N/AP	N/AP	0.12485261	
IP16*	30/360	DELAY		2,278,571,428.00	5.833333333	0.13051010	0.00076131	N/AP	N/AP	0.12485261	
IP17*	30/360	DELAY		2,126,666,666.00	6.250000000	0.13051010	0.00081569	N/AP	N/AP	0.12485261	
IP18*	30/360	DELAY		1,993,750,000.00	6.666666667	0.13051010	0.00087007	N/AP	N/AP	0.12485261	
IP19*	30/360	DELAY		1,876,470,588.00	7.083333333	0.13051010	0.00092445	N/AP	N/AP	0.12485261	
IP20*	30/360	DELAY		1,772,222,222.00	7.500000000	0.13051010	0.00097883	N/AP	N/AP	0.12485261	
IP21*	30/360	DELAY		1,678,947,368.00	7.916666667	0.13051010	0.00103320	N/AP	N/AP	0.12485261	
IP22*	30/360	DELAY		1,595,000,000.00	8.333333333	0.13051010	0.00108758	N/AP	N/AP	0.12485261	
IP23*	30/360	DELAY		1,519,047,619.00	8.750000000	0.13051010	0.00114196	N/AP	N/AP	0.12485261	
IP24*	30/360	DELAY		1,450,000,000.00	9.166666667	0.13051010	0.00119634	N/AP	N/AP	0.12485261	

NOTE: N/AV - Not Available. N/AP - Not Applicable. \* RCR Classes.

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All Interest factors on the Interest Distribution Factors Statement are expressed in 30/360 regardless of the accrual basis.

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**Collateral Statement - 06/2013**

Group	Collateral Description	Weighted Average Coupon Rate	Weighted Average Pass-Through Rate	Weighted Average Remaining Term	Beginning Security Count	Ending Security Count	Beginning Scheduled Balance	Ending Scheduled Balance	Scheduled Interest	Prepayment Penalty Paid Amount
	MBS	5.92624	5.50000	245	1	1	378,479,290.00	362,072,569.00	1,734,696.75	N/AP

NOTE: N/AV - Not Available. N/AP - Not Applicable.

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Any Group(s) where the underlying collateral is backed by private label securities, please refer to the prospectus and the trustee's remittance report for information on the underlying security.

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