

Fannie Mae SMBS-341

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

Report Date : 4/17/13 12:24 AM

Distribution Summary - 04/2013

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	3136FA3X6		0.00000	92,611,780.00	0.00	N/AP	3,212,260.00	89,399,520.00	3,212,260.00	
IO2	3136FA3Y4		5.00000	92,611,780.00	385,882.42	N/AP	0.00	89,399,520.00	385,882.42	
PI3*	3136FA3Z1		0.50000	92,611,780.00	38,588.24	N/AP	3,212,260.00	89,399,520.00	3,250,848.24	
PI4*	3136FA4A5		1.00000	92,611,780.00	77,176.48	N/AP	3,212,260.00	89,399,520.00	3,289,436.48	
PI5*	3136FA4B3		1.50000	92,611,780.00	115,764.73	N/AP	3,212,260.00	89,399,520.00	3,328,024.73	
PI6*	3136FA4C1		2.00000	92,611,780.00	154,352.97	N/AP	3,212,260.00	89,399,520.00	3,366,612.97	
PI7*	3136FA4D9		2.50000	92,611,780.00	192,941.21	N/AP	3,212,260.00	89,399,520.00	3,405,201.21	
PI8*	3136FA4E7		3.00000	92,611,780.00	231,529.45	N/AP	3,212,260.00	89,399,520.00	3,443,789.45	
PI9*	3136FA4F4		3.50000	92,611,780.00	270,117.69	N/AP	3,212,260.00	89,399,520.00	3,482,377.69	
PI10*	3136FA4G2		4.00000	92,611,780.00	308,705.93	N/AP	3,212,260.00	89,399,520.00	3,520,965.93	
PI11*	3136FA4H0		4.50000	92,611,780.00	347,294.18	N/AP	3,212,260.00	89,399,520.00	3,559,554.18	
PI12*	3136FA4J6		5.00000	92,611,780.00	385,882.42	N/AP	3,212,260.00	89,399,520.00	3,598,142.42	
IP13*	3136FA4K3		5.50000	84,192,527.27	385,882.42	N/AP	2,920,236.36	81,272,290.91	3,306,118.78	
IP14*	3136FA4L1		6.00000	77,176,483.33	385,882.42	N/AP	2,676,883.33	74,499,600.00	3,062,765.75	
IP15*	3136FA4M9		6.50000	71,239,830.77	385,882.42	N/AP	2,470,969.23	68,768,861.54	2,856,851.65	
IP16*	3136FA4N7		7.00000	66,151,271.43	385,882.42	N/AP	2,294,471.43	63,856,800.00	2,680,353.85	
IP17*	3136FA4P2		7.50000	61,741,186.67	385,882.42	N/AP	2,141,506.67	59,599,680.00	2,527,389.09	
IP18*	3136FA4Q0		8.00000	57,882,362.50	385,882.42	N/AP	2,007,662.50	55,874,700.00	2,393,544.92	
IP19*	3136FA4R8		8.50000	54,477,517.65	385,882.42	N/AP	1,889,564.71	52,587,952.94	2,275,447.13	
IP20*	3136FA4S6		9.00000	51,450,988.89	385,882.42	N/AP	1,784,588.89	49,666,400.00	2,170,471.31	
IP21*	3136FA4T4		9.50000	48,743,042.11	385,882.42	N/AP	1,690,663.16	47,052,378.95	2,076,545.58	
IP22*	3136FA4U1		10.00000	46,305,890.00	385,882.42	N/AP	1,606,130.00	44,699,760.00	1,992,012.42	
Totals				92,611,780.00	385,882.42	N/AP	3,212,260.00	89,399,520.00	3,598,142.42	

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.

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Principal Distribution Statement - 04/2013

Class	Original Class Balance	Group	Beginning/Notional Class Balance	Principal Distribution	Accretion	Ending/Notional Class Balance	Paid Off Date
PO1	1,000,000,000.00		92,611,780.00	3,212,260.00	N/AP	89,399,520.00	
IO2	1,000,000,000.00		92,611,780.00	0.00	N/AP	89,399,520.00	
PI3*	1,000,000,000.00		92,611,780.00	3,212,260.00	N/AP	89,399,520.00	
PI4*	1,000,000,000.00		92,611,780.00	3,212,260.00	N/AP	89,399,520.00	
PI5*	1,000,000,000.00		92,611,780.00	3,212,260.00	N/AP	89,399,520.00	
PI6*	1,000,000,000.00		92,611,780.00	3,212,260.00	N/AP	89,399,520.00	
PI7*	1,000,000,000.00		92,611,780.00	3,212,260.00	N/AP	89,399,520.00	
PI8*	1,000,000,000.00		92,611,780.00	3,212,260.00	N/AP	89,399,520.00	
PI9*	1,000,000,000.00		92,611,780.00	3,212,260.00	N/AP	89,399,520.00	
PI10*	1,000,000,000.00		92,611,780.00	3,212,260.00	N/AP	89,399,520.00	
PI11*	1,000,000,000.00		92,611,780.00	3,212,260.00	N/AP	89,399,520.00	
PI12*	1,000,000,000.00		92,611,780.00	3,212,260.00	N/AP	89,399,520.00	
IP13*	909,090,909.00		84,192,527.27	2,920,236.36	N/AP	81,272,290.91	
IP14*	833,333,333.00		77,176,483.33	2,676,883.33	N/AP	74,499,600.00	
IP15*	769,230,769.00		71,239,830.77	2,470,969.23	N/AP	68,768,861.54	
IP16*	714,285,714.00		66,151,271.43	2,294,471.43	N/AP	63,856,800.00	
IP17*	666,666,666.00		61,741,186.67	2,141,506.67	N/AP	59,599,680.00	
IP18*	625,000,000.00		57,882,362.50	2,007,662.50	N/AP	55,874,700.00	
IP19*	588,235,294.00		54,477,517.65	1,889,564.71	N/AP	52,587,952.94	
IP20*	555,555,555.00		51,450,988.89	1,784,588.89	N/AP	49,666,400.00	
IP21*	526,315,789.00		48,743,042.11	1,690,663.16	N/AP	47,052,378.95	
IP22*	500,000,000.00		46,305,890.00	1,606,130.00	N/AP	44,699,760.00	
Totals	1,000,000,000.00		92,611,780.00	3,212,260.00	N/AP	89,399,520.00	

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

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Principal Distribution Factors Statement - 04/2013

Class	Original Class Balance	Group	Beginning/Notional Class Balance	Principal Distribution	Accretion	Ending/Notional Class Balance	Paid Off Date
PO1	1,000,000,000.00		0.09261178	0.00321226	N/AP	0.08939952	
IO2	1,000,000,000.00		0.09261178	0.00000000	N/AP	0.08939952	
PI3*	1,000,000,000.00		0.09261178	0.00321226	N/AP	0.08939952	
PI4*	1,000,000,000.00		0.09261178	0.00321226	N/AP	0.08939952	
PI5*	1,000,000,000.00		0.09261178	0.00321226	N/AP	0.08939952	
PI6*	1,000,000,000.00		0.09261178	0.00321226	N/AP	0.08939952	
PI7*	1,000,000,000.00		0.09261178	0.00321226	N/AP	0.08939952	
PI8*	1,000,000,000.00		0.09261178	0.00321226	N/AP	0.08939952	
PI9*	1,000,000,000.00		0.09261178	0.00321226	N/AP	0.08939952	
PI10*	1,000,000,000.00		0.09261178	0.00321226	N/AP	0.08939952	
PI11*	1,000,000,000.00		0.09261178	0.00321226	N/AP	0.08939952	
PI12*	1,000,000,000.00		0.09261178	0.00321226	N/AP	0.08939952	
IP13*	909,090,909.00		0.09261178	0.00321226	N/AP	0.08939952	
IP14*	833,333,333.00		0.09261178	0.00321226	N/AP	0.08939952	
IP15*	769,230,769.00		0.09261178	0.00321226	N/AP	0.08939952	
IP16*	714,285,714.00		0.09261178	0.00321226	N/AP	0.08939952	
IP17*	666,666,666.00		0.09261178	0.00321226	N/AP	0.08939952	
IP18*	625,000,000.00		0.09261178	0.00321226	N/AP	0.08939952	
IP19*	588,235,294.00		0.09261178	0.00321226	N/AP	0.08939952	
IP20*	555,555,555.00		0.09261178	0.00321226	N/AP	0.08939952	
IP21*	526,315,789.00		0.09261178	0.00321226	N/AP	0.08939952	
IP22*	500,000,000.00		0.09261178	0.00321226	N/AP	0.08939952	

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

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Report Date : 4/17/13 12:24 AM

Interest Distribution Statement - 04/2013

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		1,000,000,000.00	0.00000	92,611,780.00	0.00	N/AP	N/AP	89,399,520.00	
IO2	30/360	DELAY		1,000,000,000.00	5.00000	92,611,780.00	385,882.42	N/AP	N/AP	89,399,520.00	
PI3*	30/360	DELAY		1,000,000,000.00	0.50000	92,611,780.00	38,588.24	N/AP	N/AP	89,399,520.00	
PI4*	30/360	DELAY		1,000,000,000.00	1.00000	92,611,780.00	77,176.48	N/AP	N/AP	89,399,520.00	
PI5*	30/360	DELAY		1,000,000,000.00	1.50000	92,611,780.00	115,764.73	N/AP	N/AP	89,399,520.00	
PI6*	30/360	DELAY		1,000,000,000.00	2.00000	92,611,780.00	154,352.97	N/AP	N/AP	89,399,520.00	
PI7*	30/360	DELAY		1,000,000,000.00	2.50000	92,611,780.00	192,941.21	N/AP	N/AP	89,399,520.00	
PI8*	30/360	DELAY		1,000,000,000.00	3.00000	92,611,780.00	231,529.45	N/AP	N/AP	89,399,520.00	
PI9*	30/360	DELAY		1,000,000,000.00	3.50000	92,611,780.00	270,117.69	N/AP	N/AP	89,399,520.00	
PI10*	30/360	DELAY		1,000,000,000.00	4.00000	92,611,780.00	308,705.93	N/AP	N/AP	89,399,520.00	
PI11*	30/360	DELAY		1,000,000,000.00	4.50000	92,611,780.00	347,294.18	N/AP	N/AP	89,399,520.00	
PI12*	30/360	DELAY		1,000,000,000.00	5.00000	92,611,780.00	385,882.42	N/AP	N/AP	89,399,520.00	
IP13*	30/360	DELAY		909,090,909.00	5.50000	84,192,527.27	385,882.42	N/AP	N/AP	81,272,290.91	
IP14*	30/360	DELAY		833,333,333.00	6.00000	77,176,483.33	385,882.42	N/AP	N/AP	74,499,600.00	
IP15*	30/360	DELAY		769,230,769.00	6.50000	71,239,830.77	385,882.42	N/AP	N/AP	68,768,861.54	
IP16*	30/360	DELAY		714,285,714.00	7.00000	66,151,271.43	385,882.42	N/AP	N/AP	63,856,800.00	
IP17*	30/360	DELAY		666,666,666.00	7.50000	61,741,186.67	385,882.42	N/AP	N/AP	59,599,680.00	
IP18*	30/360	DELAY		625,000,000.00	8.00000	57,882,362.50	385,882.42	N/AP	N/AP	55,874,700.00	
IP19*	30/360	DELAY		588,235,294.00	8.50000	54,477,517.65	385,882.42	N/AP	N/AP	52,587,952.94	
IP20*	30/360	DELAY		555,555,555.00	9.00000	51,450,988.89	385,882.42	N/AP	N/AP	49,666,400.00	
IP21*	30/360	DELAY		526,315,789.00	9.50000	48,743,042.11	385,882.42	N/AP	N/AP	47,052,378.95	
IP22*	30/360	DELAY		500,000,000.00	10.00000	46,305,890.00	385,882.42	N/AP	N/AP	44,699,760.00	
Totals				1,000,000,000.00		92,611,780.00	385,882.42	N/AP	N/AP	89,399,520.00	

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Interest Distribution Factors Statement - 04/2013

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		1,000,000,000.00	0.000000000	0.09261178	0.00000000	N/AP	N/AP	0.08939952	
IO2	30/360	DELAY		1,000,000,000.00	4.166666667	0.09261178	0.00038588	N/AP	N/AP	0.08939952	
PI3*	30/360	DELAY		1,000,000,000.00	0.416666667	0.09261178	0.00003859	N/AP	N/AP	0.08939952	
PI4*	30/360	DELAY		1,000,000,000.00	0.833333333	0.09261178	0.00007718	N/AP	N/AP	0.08939952	
PI5*	30/360	DELAY		1,000,000,000.00	1.250000000	0.09261178	0.00011576	N/AP	N/AP	0.08939952	
PI6*	30/360	DELAY		1,000,000,000.00	1.666666667	0.09261178	0.00015435	N/AP	N/AP	0.08939952	
PI7*	30/360	DELAY		1,000,000,000.00	2.083333333	0.09261178	0.00019294	N/AP	N/AP	0.08939952	
PI8*	30/360	DELAY		1,000,000,000.00	2.500000000	0.09261178	0.00023153	N/AP	N/AP	0.08939952	
PI9*	30/360	DELAY		1,000,000,000.00	2.916666667	0.09261178	0.00027012	N/AP	N/AP	0.08939952	
PI10*	30/360	DELAY		1,000,000,000.00	3.333333333	0.09261178	0.00030871	N/AP	N/AP	0.08939952	
PI11*	30/360	DELAY		1,000,000,000.00	3.750000000	0.09261178	0.00034729	N/AP	N/AP	0.08939952	
PI12*	30/360	DELAY		1,000,000,000.00	4.166666667	0.09261178	0.00038588	N/AP	N/AP	0.08939952	
IP13*	30/360	DELAY		909,090,909.00	4.583333333	0.09261178	0.00042447	N/AP	N/AP	0.08939952	
IP14*	30/360	DELAY		833,333,333.00	5.000000000	0.09261178	0.00046306	N/AP	N/AP	0.08939952	
IP15*	30/360	DELAY		769,230,769.00	5.416666667	0.09261178	0.00050165	N/AP	N/AP	0.08939952	
IP16*	30/360	DELAY		714,285,714.00	5.833333333	0.09261178	0.00054024	N/AP	N/AP	0.08939952	
IP17*	30/360	DELAY		666,666,666.00	6.250000000	0.09261178	0.00057882	N/AP	N/AP	0.08939952	
IP18*	30/360	DELAY		625,000,000.00	6.666666667	0.09261178	0.00061741	N/AP	N/AP	0.08939952	
IP19*	30/360	DELAY		588,235,294.00	7.083333333	0.09261178	0.00065600	N/AP	N/AP	0.08939952	
IP20*	30/360	DELAY		555,555,555.00	7.500000000	0.09261178	0.00069459	N/AP	N/AP	0.08939952	
IP21*	30/360	DELAY		526,315,789.00	7.916666667	0.09261178	0.00073318	N/AP	N/AP	0.08939952	
IP22*	30/360	DELAY		500,000,000.00	8.333333333	0.09261178	0.00077176	N/AP	N/AP	0.08939952	

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 - 04/2013

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	5.43746	5.00000	56	1	1	92,611,780.00	89,399,520.00	385,882.42	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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