

Fannie Mae SMBS-377

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

Report Date : 4/17/13 1:02 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	3136FC5M4		0.00000	743,214,412.25	0.00	N/AP	34,295,082.25	708,919,330.00	34,295,082.25	
IO2	3136FC5N2		5.00000	743,214,412.25	3,096,726.72	N/AP	0.00	708,919,330.00	3,096,726.72	
PI3*	3136FC5P7		0.50000	743,214,412.25	309,672.67	N/AP	34,295,082.25	708,919,330.00	34,604,754.92	
PI4*	3136FC5Q5		1.00000	743,214,412.25	619,345.34	N/AP	34,295,082.25	708,919,330.00	34,914,427.59	
PI5*	3136FC5R3		1.50000	743,214,412.25	929,018.02	N/AP	34,295,082.25	708,919,330.00	35,224,100.27	
PI6*	3136FC5S1		2.00000	743,214,412.25	1,238,690.69	N/AP	34,295,082.25	708,919,330.00	35,533,772.94	
PI7*	3136FC5T9		2.50000	743,214,412.25	1,548,363.36	N/AP	34,295,082.25	708,919,330.00	35,843,445.61	
PI8*	3136FC5U6		3.00000	743,214,412.25	1,858,036.03	N/AP	34,295,082.25	708,919,330.00	36,153,118.28	
PI9*	3136FC5V4		3.50000	743,214,412.25	2,167,708.70	N/AP	34,295,082.25	708,919,330.00	36,462,790.95	
PI10*	3136FC5W2		4.00000	743,214,412.25	2,477,381.37	N/AP	34,295,082.25	708,919,330.00	36,772,463.62	
PI11*	3136FC5X0		4.50000	743,214,412.25	2,787,054.05	N/AP	34,295,082.25	708,919,330.00	37,082,136.30	
PI12*	3136FC5Y8		5.00000	743,214,412.25	3,096,726.72	N/AP	34,295,082.25	708,919,330.00	37,391,808.97	
IP13*	3136FC5Z5		5.50000	675,649,465.68	3,096,726.72	N/AP	31,177,347.50	644,472,118.18	34,274,074.22	
IP14*	3136FC6A9		6.00000	619,345,343.54	3,096,726.72	N/AP	28,579,235.21	590,766,108.33	31,675,961.93	
IP15*	3136FC6B7		6.50000	571,703,394.04	3,096,726.72	N/AP	26,380,832.50	545,322,561.54	29,477,559.22	
IP16*	3136FC6C5		7.00000	530,867,437.32	3,096,726.72	N/AP	24,496,487.32	506,370,950.00	27,593,214.04	
IP17*	3136FC6D3		7.50000	495,476,274.83	3,096,726.72	N/AP	22,863,388.17	472,612,886.67	25,960,114.89	
IP18*	3136FC6E1		8.00000	464,509,007.66	3,096,726.72	N/AP	21,434,426.41	443,074,581.25	24,531,153.13	
IP19*	3136FC6F8		8.50000	437,184,948.38	3,096,726.72	N/AP	20,173,577.79	417,011,370.59	23,270,304.51	
IP20*	3136FC6G6		9.00000	412,896,895.69	3,096,726.72	N/AP	19,052,823.47	393,844,072.22	22,149,550.19	
IP21*	3136FC6H4		9.50000	391,165,480.13	3,096,726.72	N/AP	18,050,043.29	373,115,436.84	21,146,770.01	
IP22*	3136FC6J0		10.00000	371,607,206.13	3,096,726.72	N/AP	17,147,541.13	354,459,665.00	20,244,267.85	
Totals				743,214,412.25	3,096,726.72	N/AP	34,295,082.25	708,919,330.00	37,391,808.97	

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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Report Date : 4/17/13 1:02 AM

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	3,775,000,000.00		743,214,412.25	34,295,082.25	N/AP	708,919,330.00	
IO2	3,775,000,000.00		743,214,412.25	0.00	N/AP	708,919,330.00	
PI3*	3,775,000,000.00		743,214,412.25	34,295,082.25	N/AP	708,919,330.00	
PI4*	3,775,000,000.00		743,214,412.25	34,295,082.25	N/AP	708,919,330.00	
PI5*	3,775,000,000.00		743,214,412.25	34,295,082.25	N/AP	708,919,330.00	
PI6*	3,775,000,000.00		743,214,412.25	34,295,082.25	N/AP	708,919,330.00	
PI7*	3,775,000,000.00		743,214,412.25	34,295,082.25	N/AP	708,919,330.00	
PI8*	3,775,000,000.00		743,214,412.25	34,295,082.25	N/AP	708,919,330.00	
PI9*	3,775,000,000.00		743,214,412.25	34,295,082.25	N/AP	708,919,330.00	
PI10*	3,775,000,000.00		743,214,412.25	34,295,082.25	N/AP	708,919,330.00	
PI11*	3,775,000,000.00		743,214,412.25	34,295,082.25	N/AP	708,919,330.00	
PI12*	3,775,000,000.00		743,214,412.25	34,295,082.25	N/AP	708,919,330.00	
IP13*	3,431,818,181.00		675,649,465.68	31,177,347.50	N/AP	644,472,118.18	
IP14*	3,145,833,333.00		619,345,343.54	28,579,235.21	N/AP	590,766,108.33	
IP15*	2,903,846,153.00		571,703,394.04	26,380,832.50	N/AP	545,322,561.54	
IP16*	2,696,428,571.00		530,867,437.32	24,496,487.32	N/AP	506,370,950.00	
IP17*	2,516,666,666.00		495,476,274.83	22,863,388.17	N/AP	472,612,886.67	
IP18*	2,359,375,000.00		464,509,007.66	21,434,426.41	N/AP	443,074,581.25	
IP19*	2,220,588,235.00		437,184,948.38	20,173,577.79	N/AP	417,011,370.59	
IP20*	2,097,222,222.00		412,896,895.69	19,052,823.47	N/AP	393,844,072.22	
IP21*	1,986,842,105.00		391,165,480.13	18,050,043.29	N/AP	373,115,436.84	
IP22*	1,887,500,000.00		371,607,206.13	17,147,541.13	N/AP	354,459,665.00	
Totals	3,775,000,000.00		743,214,412.25	34,295,082.25	N/AP	708,919,330.00	

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	3,775,000,000.00		0.19687799	0.00908479	N/AP	0.18779320	
IO2	3,775,000,000.00		0.19687799	0.00000000	N/AP	0.18779320	
PI3*	3,775,000,000.00		0.19687799	0.00908479	N/AP	0.18779320	
PI4*	3,775,000,000.00		0.19687799	0.00908479	N/AP	0.18779320	
PI5*	3,775,000,000.00		0.19687799	0.00908479	N/AP	0.18779320	
PI6*	3,775,000,000.00		0.19687799	0.00908479	N/AP	0.18779320	
PI7*	3,775,000,000.00		0.19687799	0.00908479	N/AP	0.18779320	
PI8*	3,775,000,000.00		0.19687799	0.00908479	N/AP	0.18779320	
PI9*	3,775,000,000.00		0.19687799	0.00908479	N/AP	0.18779320	
PI10*	3,775,000,000.00		0.19687799	0.00908479	N/AP	0.18779320	
PI11*	3,775,000,000.00		0.19687799	0.00908479	N/AP	0.18779320	
PI12*	3,775,000,000.00		0.19687799	0.00908479	N/AP	0.18779320	
IP13*	3,431,818,181.00		0.19687799	0.00908479	N/AP	0.18779320	
IP14*	3,145,833,333.00		0.19687799	0.00908479	N/AP	0.18779320	
IP15*	2,903,846,153.00		0.19687799	0.00908479	N/AP	0.18779320	
IP16*	2,696,428,571.00		0.19687799	0.00908479	N/AP	0.18779320	
IP17*	2,516,666,666.00		0.19687799	0.00908479	N/AP	0.18779320	
IP18*	2,359,375,000.00		0.19687799	0.00908479	N/AP	0.18779320	
IP19*	2,220,588,235.00		0.19687799	0.00908479	N/AP	0.18779320	
IP20*	2,097,222,222.00		0.19687799	0.00908479	N/AP	0.18779320	
IP21*	1,986,842,105.00		0.19687799	0.00908479	N/AP	0.18779320	
IP22*	1,887,500,000.00		0.19687799	0.00908479	N/AP	0.18779320	

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

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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		3,775,000,000.00	0.00000	743,214,412.25	0.00	N/AP	N/AP	708,919,330.00	
IO2	30/360	DELAY		3,775,000,000.00	5.00000	743,214,412.25	3,096,726.72	N/AP	N/AP	708,919,330.00	
PI3*	30/360	DELAY		3,775,000,000.00	0.50000	743,214,412.25	309,672.67	N/AP	N/AP	708,919,330.00	
PI4*	30/360	DELAY		3,775,000,000.00	1.00000	743,214,412.25	619,345.34	N/AP	N/AP	708,919,330.00	
PI5*	30/360	DELAY		3,775,000,000.00	1.50000	743,214,412.25	929,018.02	N/AP	N/AP	708,919,330.00	
PI6*	30/360	DELAY		3,775,000,000.00	2.00000	743,214,412.25	1,238,690.69	N/AP	N/AP	708,919,330.00	
PI7*	30/360	DELAY		3,775,000,000.00	2.50000	743,214,412.25	1,548,363.36	N/AP	N/AP	708,919,330.00	
PI8*	30/360	DELAY		3,775,000,000.00	3.00000	743,214,412.25	1,858,036.03	N/AP	N/AP	708,919,330.00	
PI9*	30/360	DELAY		3,775,000,000.00	3.50000	743,214,412.25	2,167,708.70	N/AP	N/AP	708,919,330.00	
PI10*	30/360	DELAY		3,775,000,000.00	4.00000	743,214,412.25	2,477,381.37	N/AP	N/AP	708,919,330.00	
PI11*	30/360	DELAY		3,775,000,000.00	4.50000	743,214,412.25	2,787,054.05	N/AP	N/AP	708,919,330.00	
PI12*	30/360	DELAY		3,775,000,000.00	5.00000	743,214,412.25	3,096,726.72	N/AP	N/AP	708,919,330.00	
IP13*	30/360	DELAY		3,431,818,181.00	5.50000	675,649,465.68	3,096,726.72	N/AP	N/AP	644,472,118.18	
IP14*	30/360	DELAY		3,145,833,333.00	6.00000	619,345,343.54	3,096,726.72	N/AP	N/AP	590,766,108.33	
IP15*	30/360	DELAY		2,903,846,153.00	6.50000	571,703,394.04	3,096,726.72	N/AP	N/AP	545,322,561.54	
IP16*	30/360	DELAY		2,696,428,571.00	7.00000	530,867,437.32	3,096,726.72	N/AP	N/AP	506,370,950.00	
IP17*	30/360	DELAY		2,516,666,666.00	7.50000	495,476,274.83	3,096,726.72	N/AP	N/AP	472,612,886.67	
IP18*	30/360	DELAY		2,359,375,000.00	8.00000	464,509,007.66	3,096,726.72	N/AP	N/AP	443,074,581.25	
IP19*	30/360	DELAY		2,220,588,235.00	8.50000	437,184,948.38	3,096,726.72	N/AP	N/AP	417,011,370.59	
IP20*	30/360	DELAY		2,097,222,222.00	9.00000	412,896,895.69	3,096,726.72	N/AP	N/AP	393,844,072.22	
IP21*	30/360	DELAY		1,986,842,105.00	9.50000	391,165,480.13	3,096,726.72	N/AP	N/AP	373,115,436.84	
IP22*	30/360	DELAY		1,887,500,000.00	10.00000	371,607,206.13	3,096,726.72	N/AP	N/AP	354,459,665.00	
Totals				3,775,000,000.00		743,214,412.25	3,096,726.72	N/AP	N/AP	708,919,330.00	

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

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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		3,775,000,000.00	0.000000000	0.19687799	0.00000000	N/AP	N/AP	0.18779320	
IO2	30/360	DELAY		3,775,000,000.00	4.166666667	0.19687799	0.00082032	N/AP	N/AP	0.18779320	
PI3*	30/360	DELAY		3,775,000,000.00	0.416666667	0.19687799	0.00008203	N/AP	N/AP	0.18779320	
PI4*	30/360	DELAY		3,775,000,000.00	0.833333333	0.19687799	0.00016406	N/AP	N/AP	0.18779320	
PI5*	30/360	DELAY		3,775,000,000.00	1.250000000	0.19687799	0.00024610	N/AP	N/AP	0.18779320	
PI6*	30/360	DELAY		3,775,000,000.00	1.666666667	0.19687799	0.00032813	N/AP	N/AP	0.18779320	
PI7*	30/360	DELAY		3,775,000,000.00	2.083333333	0.19687799	0.00041016	N/AP	N/AP	0.18779320	
PI8*	30/360	DELAY		3,775,000,000.00	2.500000000	0.19687799	0.00049219	N/AP	N/AP	0.18779320	
PI9*	30/360	DELAY		3,775,000,000.00	2.916666667	0.19687799	0.00057423	N/AP	N/AP	0.18779320	
PI10*	30/360	DELAY		3,775,000,000.00	3.333333333	0.19687799	0.00065626	N/AP	N/AP	0.18779320	
PI11*	30/360	DELAY		3,775,000,000.00	3.750000000	0.19687799	0.00073829	N/AP	N/AP	0.18779320	
PI12*	30/360	DELAY		3,775,000,000.00	4.166666667	0.19687799	0.00082032	N/AP	N/AP	0.18779320	
IP13*	30/360	DELAY		3,431,818,181.00	4.583333333	0.19687799	0.00090236	N/AP	N/AP	0.18779320	
IP14*	30/360	DELAY		3,145,833,333.00	5.000000000	0.19687799	0.00098439	N/AP	N/AP	0.18779320	
IP15*	30/360	DELAY		2,903,846,153.00	5.416666667	0.19687799	0.00106642	N/AP	N/AP	0.18779320	
IP16*	30/360	DELAY		2,696,428,571.00	5.833333333	0.19687799	0.00114845	N/AP	N/AP	0.18779320	
IP17*	30/360	DELAY		2,516,666,666.00	6.250000000	0.19687799	0.00123049	N/AP	N/AP	0.18779320	
IP18*	30/360	DELAY		2,359,375,000.00	6.666666667	0.19687799	0.00131252	N/AP	N/AP	0.18779320	
IP19*	30/360	DELAY		2,220,588,235.00	7.083333333	0.19687799	0.00139455	N/AP	N/AP	0.18779320	
IP20*	30/360	DELAY		2,097,222,222.00	7.500000000	0.19687799	0.00147658	N/AP	N/AP	0.18779320	
IP21*	30/360	DELAY		1,986,842,105.00	7.916666667	0.19687799	0.00155862	N/AP	N/AP	0.18779320	
IP22*	30/360	DELAY		1,887,500,000.00	8.333333333	0.19687799	0.00164065	N/AP	N/AP	0.18779320	

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	5.68206	5.00000	263	1	1	743,214,412.25	708,919,330.00	3,096,726.72	N/AP

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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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