

Fannie Mae SMBS-319

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

Report Date : 9/17/13 12:24 AM

Distribution Summary - 09/2013

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	3136FAHA1		0.00000	33,096,192.50	0.00	N/AP	1,013,957.00	32,082,235.50	1,013,957.00	
IO2	3136FAHB9		6.50000	33,096,192.50	179,271.04	N/AP	0.00	32,082,235.50	179,271.04	
PI3*	3136FAHC7		0.50000	33,096,192.50	13,790.08	N/AP	1,013,957.00	32,082,235.50	1,027,747.08	
PI4*	3136FAHD5		1.00000	33,096,192.50	27,580.16	N/AP	1,013,957.00	32,082,235.50	1,041,537.16	
PI5*	3136FAHE3		1.50000	33,096,192.50	41,370.24	N/AP	1,013,957.00	32,082,235.50	1,055,327.24	
PI6*	3136FAHF0		2.00000	33,096,192.50	55,160.32	N/AP	1,013,957.00	32,082,235.50	1,069,117.32	
PI7*	3136FAHG8		2.50000	33,096,192.50	68,950.40	N/AP	1,013,957.00	32,082,235.50	1,082,907.40	
PI8*	3136FAHH6		3.00000	33,096,192.50	82,740.48	N/AP	1,013,957.00	32,082,235.50	1,096,697.48	
PI9*	3136FAHJ2		3.50000	33,096,192.50	96,530.56	N/AP	1,013,957.00	32,082,235.50	1,110,487.56	
PI10*	3136FAHK9		4.00000	33,096,192.50	110,320.64	N/AP	1,013,957.00	32,082,235.50	1,124,277.64	
PI11*	3136FAHL7		4.50000	33,096,192.50	124,110.72	N/AP	1,013,957.00	32,082,235.50	1,138,067.72	
PI12*	3136FAHM5		5.00000	33,096,192.50	137,900.80	N/AP	1,013,957.00	32,082,235.50	1,151,857.80	
PI13*	3136FAHN3		5.50000	33,096,192.50	151,690.88	N/AP	1,013,957.00	32,082,235.50	1,165,647.88	
PI14*	3136FAHP8		6.00000	33,096,192.50	165,480.96	N/AP	1,013,957.00	32,082,235.50	1,179,437.96	
PI15*	3136FAHQ6		6.50000	33,096,192.50	179,271.04	N/AP	1,013,957.00	32,082,235.50	1,193,228.04	
IP16*	3136FAHR4		7.00000	30,732,178.75	179,271.04	N/AP	941,531.50	29,790,647.25	1,120,802.54	
IP17*	3136FAHS2		7.50000	28,683,366.83	179,271.04	N/AP	878,762.73	27,804,604.10	1,058,033.77	
IP18*	3136FAHT0		8.00000	26,890,656.41	179,271.04	N/AP	823,840.06	26,066,816.34	1,003,111.10	
IP19*	3136FAHU7		8.50000	25,308,853.09	179,271.04	N/AP	775,378.88	24,533,474.21	954,649.92	
IP20*	3136FAHV5		9.00000	23,902,805.69	179,271.04	N/AP	732,302.28	23,170,503.42	911,573.32	
IP21*	3136FAHW3		9.50000	22,644,763.29	179,271.04	N/AP	693,760.05	21,951,003.24	873,031.09	
IP22*	3136FAHX1		10.00000	21,512,525.13	179,271.04	N/AP	659,072.05	20,853,453.08	838,343.09	
IP23*	3136FAHY9		10.50000	20,488,119.17	179,271.04	N/AP	627,687.67	19,860,431.50	806,958.71	
IP24*	3136FAHZ6		11.00000	19,556,841.02	179,271.04	N/AP	599,156.41	18,957,684.61	778,427.45	
IP25*	3136FAJA9		11.50000	18,706,543.59	179,271.04	N/AP	573,106.13	18,133,437.46	752,377.17	
IP26*	3136FAJB7		12.00000	17,927,104.27	179,271.04	N/AP	549,226.71	17,377,877.56	728,497.75	
IP27*	3136FAJC5		12.50000	17,210,020.10	179,271.04	N/AP	527,257.64	16,682,762.46	706,528.68	
IP28*	3136FAJD3		13.00000	16,548,096.25	179,271.04	N/AP	506,978.50	16,041,117.75	686,249.54	
Totals				33,096,192.50	179,271.04	N/AP	1,013,957.00	32,082,235.50	1,193,228.04	

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

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Report Date : 9/17/13 12:24 AM

Principal Distribution Statement - 09/2013

Class	Original Class Balance	Group	Beginning/Notional Class Balance	Principal Distribution	Accretion	Ending/Notional Class Balance	Paid Off Date
PO1	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
IO2	2,450,000,000.00		33,096,192.50	0.00	N/AP	32,082,235.50	
PI3*	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
PI4*	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
PI5*	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
PI6*	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
PI7*	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
PI8*	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
PI9*	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
PI10*	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
PI11*	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
PI12*	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
PI13*	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
PI14*	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
PI15*	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	
IP16*	2,275,000,000.00		30,732,178.75	941,531.50	N/AP	29,790,647.25	
IP17*	2,123,333,333.00		28,683,366.83	878,762.73	N/AP	27,804,604.10	
IP18*	1,990,625,000.00		26,890,656.41	823,840.06	N/AP	26,066,816.34	
IP19*	1,873,529,411.00		25,308,853.09	775,378.88	N/AP	24,533,474.21	
IP20*	1,769,444,444.00		23,902,805.69	732,302.28	N/AP	23,170,503.42	
IP21*	1,676,315,789.00		22,644,763.29	693,760.05	N/AP	21,951,003.24	
IP22*	1,592,500,000.00		21,512,525.13	659,072.05	N/AP	20,853,453.08	
IP23*	1,516,666,666.00		20,488,119.17	627,687.67	N/AP	19,860,431.50	
IP24*	1,447,727,272.00		19,556,841.02	599,156.41	N/AP	18,957,684.61	
IP25*	1,384,782,608.00		18,706,543.59	573,106.13	N/AP	18,133,437.46	
IP26*	1,327,083,333.00		17,927,104.27	549,226.71	N/AP	17,377,877.56	
IP27*	1,274,000,000.00		17,210,020.10	527,257.64	N/AP	16,682,762.46	
IP28*	1,225,000,000.00		16,548,096.25	506,978.50	N/AP	16,041,117.75	
Totals	2,450,000,000.00		33,096,192.50	1,013,957.00	N/AP	32,082,235.50	

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

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Principal Distribution Factors Statement - 09/2013

Class	Original Class Balance	Group	Beginning/Notional Class Balance	Principal Distribution	Accretion	Ending/Notional Class Balance	Paid Off Date
PO1	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
IO2	2,450,000,000.00		0.01350865	0.00000000	N/AP	0.01309479	
PI3*	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
PI4*	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
PI5*	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
PI6*	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
PI7*	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
PI8*	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
PI9*	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
PI10*	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
PI11*	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
PI12*	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
PI13*	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
PI14*	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
PI15*	2,450,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
IP16*	2,275,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
IP17*	2,123,333,333.00		0.01350865	0.00041386	N/AP	0.01309479	
IP18*	1,990,625,000.00		0.01350865	0.00041386	N/AP	0.01309479	
IP19*	1,873,529,411.00		0.01350865	0.00041386	N/AP	0.01309479	
IP20*	1,769,444,444.00		0.01350865	0.00041386	N/AP	0.01309479	
IP21*	1,676,315,789.00		0.01350865	0.00041386	N/AP	0.01309479	
IP22*	1,592,500,000.00		0.01350865	0.00041386	N/AP	0.01309479	
IP23*	1,516,666,666.00		0.01350865	0.00041386	N/AP	0.01309479	
IP24*	1,447,727,272.00		0.01350865	0.00041386	N/AP	0.01309479	
IP25*	1,384,782,608.00		0.01350865	0.00041386	N/AP	0.01309479	
IP26*	1,327,083,333.00		0.01350865	0.00041386	N/AP	0.01309479	
IP27*	1,274,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	
IP28*	1,225,000,000.00		0.01350865	0.00041386	N/AP	0.01309479	

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Interest Distribution Statement - 09/2013

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		2,450,000,000.00	0.00000	33,096,192.50	0.00	N/AP	N/AP	32,082,235.50	
IO2	30/360	DELAY		2,450,000,000.00	6.50000	33,096,192.50	179,271.04	N/AP	N/AP	32,082,235.50	
PI3*	30/360	DELAY		2,450,000,000.00	0.50000	33,096,192.50	13,790.08	N/AP	N/AP	32,082,235.50	
PI4*	30/360	DELAY		2,450,000,000.00	1.00000	33,096,192.50	27,580.16	N/AP	N/AP	32,082,235.50	
PI5*	30/360	DELAY		2,450,000,000.00	1.50000	33,096,192.50	41,370.24	N/AP	N/AP	32,082,235.50	
PI6*	30/360	DELAY		2,450,000,000.00	2.00000	33,096,192.50	55,160.32	N/AP	N/AP	32,082,235.50	
PI7*	30/360	DELAY		2,450,000,000.00	2.50000	33,096,192.50	68,950.40	N/AP	N/AP	32,082,235.50	
PI8*	30/360	DELAY		2,450,000,000.00	3.00000	33,096,192.50	82,740.48	N/AP	N/AP	32,082,235.50	
PI9*	30/360	DELAY		2,450,000,000.00	3.50000	33,096,192.50	96,530.56	N/AP	N/AP	32,082,235.50	
PI10*	30/360	DELAY		2,450,000,000.00	4.00000	33,096,192.50	110,320.64	N/AP	N/AP	32,082,235.50	
PI11*	30/360	DELAY		2,450,000,000.00	4.50000	33,096,192.50	124,110.72	N/AP	N/AP	32,082,235.50	
PI12*	30/360	DELAY		2,450,000,000.00	5.00000	33,096,192.50	137,900.80	N/AP	N/AP	32,082,235.50	
PI13*	30/360	DELAY		2,450,000,000.00	5.50000	33,096,192.50	151,690.88	N/AP	N/AP	32,082,235.50	
PI14*	30/360	DELAY		2,450,000,000.00	6.00000	33,096,192.50	165,480.96	N/AP	N/AP	32,082,235.50	
PI15*	30/360	DELAY		2,450,000,000.00	6.50000	33,096,192.50	179,271.04	N/AP	N/AP	32,082,235.50	
IP16*	30/360	DELAY		2,275,000,000.00	7.00000	30,732,178.75	179,271.04	N/AP	N/AP	29,790,647.25	
IP17*	30/360	DELAY		2,123,333,333.00	7.50000	28,683,366.83	179,271.04	N/AP	N/AP	27,804,604.10	
IP18*	30/360	DELAY		1,990,625,000.00	8.00000	26,890,656.41	179,271.04	N/AP	N/AP	26,066,816.34	
IP19*	30/360	DELAY		1,873,529,411.00	8.50000	25,308,853.09	179,271.04	N/AP	N/AP	24,533,474.21	
IP20*	30/360	DELAY		1,769,444,444.00	9.00000	23,902,805.69	179,271.04	N/AP	N/AP	23,170,503.42	
IP21*	30/360	DELAY		1,676,315,789.00	9.50000	22,644,763.29	179,271.04	N/AP	N/AP	21,951,003.24	
IP22*	30/360	DELAY		1,592,500,000.00	10.00000	21,512,525.13	179,271.04	N/AP	N/AP	20,853,453.08	
IP23*	30/360	DELAY		1,516,666,666.00	10.50000	20,488,119.17	179,271.04	N/AP	N/AP	19,860,431.50	
IP24*	30/360	DELAY		1,447,727,272.00	11.00000	19,556,841.02	179,271.04	N/AP	N/AP	18,957,684.61	
IP25*	30/360	DELAY		1,384,782,608.00	11.50000	18,706,543.59	179,271.04	N/AP	N/AP	18,133,437.46	
IP26*	30/360	DELAY		1,327,083,333.00	12.00000	17,927,104.27	179,271.04	N/AP	N/AP	17,377,877.56	
IP27*	30/360	DELAY		1,274,000,000.00	12.50000	17,210,020.10	179,271.04	N/AP	N/AP	16,682,762.46	
IP28*	30/360	DELAY		1,225,000,000.00	13.00000	16,548,096.25	179,271.04	N/AP	N/AP	16,041,117.75	
Totals				2,450,000,000.00		33,096,192.50	179,271.04	N/AP	N/AP	32,082,235.50	

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Interest Distribution Factors Statement - 09/2013

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		2,450,000,000.00	0.000000000	0.01350865	0.00000000	N/AP	N/AP	0.01309479	
IO2	30/360	DELAY		2,450,000,000.00	5.416666667	0.01350865	0.00007317	N/AP	N/AP	0.01309479	
PI3*	30/360	DELAY		2,450,000,000.00	0.416666667	0.01350865	0.00000563	N/AP	N/AP	0.01309479	
PI4*	30/360	DELAY		2,450,000,000.00	0.833333333	0.01350865	0.00001126	N/AP	N/AP	0.01309479	
PI5*	30/360	DELAY		2,450,000,000.00	1.250000000	0.01350865	0.00001689	N/AP	N/AP	0.01309479	
PI6*	30/360	DELAY		2,450,000,000.00	1.666666667	0.01350865	0.00002251	N/AP	N/AP	0.01309479	
PI7*	30/360	DELAY		2,450,000,000.00	2.083333333	0.01350865	0.00002814	N/AP	N/AP	0.01309479	
PI8*	30/360	DELAY		2,450,000,000.00	2.500000000	0.01350865	0.00003377	N/AP	N/AP	0.01309479	
PI9*	30/360	DELAY		2,450,000,000.00	2.916666667	0.01350865	0.00003940	N/AP	N/AP	0.01309479	
PI10*	30/360	DELAY		2,450,000,000.00	3.333333333	0.01350865	0.00004503	N/AP	N/AP	0.01309479	
PI11*	30/360	DELAY		2,450,000,000.00	3.750000000	0.01350865	0.00005066	N/AP	N/AP	0.01309479	
PI12*	30/360	DELAY		2,450,000,000.00	4.166666667	0.01350865	0.00005629	N/AP	N/AP	0.01309479	
PI13*	30/360	DELAY		2,450,000,000.00	4.583333333	0.01350865	0.00006191	N/AP	N/AP	0.01309479	
PI14*	30/360	DELAY		2,450,000,000.00	5.000000000	0.01350865	0.00006754	N/AP	N/AP	0.01309479	
PI15*	30/360	DELAY		2,450,000,000.00	5.416666667	0.01350865	0.00007317	N/AP	N/AP	0.01309479	
IP16*	30/360	DELAY		2,275,000,000.00	5.833333333	0.01350865	0.00007880	N/AP	N/AP	0.01309479	
IP17*	30/360	DELAY		2,123,333,333.00	6.250000000	0.01350865	0.00008443	N/AP	N/AP	0.01309479	
IP18*	30/360	DELAY		1,990,625,000.00	6.666666667	0.01350865	0.00009006	N/AP	N/AP	0.01309479	
IP19*	30/360	DELAY		1,873,529,411.00	7.083333333	0.01350865	0.00009569	N/AP	N/AP	0.01309479	
IP20*	30/360	DELAY		1,769,444,444.00	7.500000000	0.01350865	0.00010131	N/AP	N/AP	0.01309479	
IP21*	30/360	DELAY		1,676,315,789.00	7.916666667	0.01350865	0.00010694	N/AP	N/AP	0.01309479	
IP22*	30/360	DELAY		1,592,500,000.00	8.333333333	0.01350865	0.00011257	N/AP	N/AP	0.01309479	
IP23*	30/360	DELAY		1,516,666,666.00	8.750000000	0.01350865	0.00011820	N/AP	N/AP	0.01309479	
IP24*	30/360	DELAY		1,447,727,272.00	9.166666667	0.01350865	0.00012383	N/AP	N/AP	0.01309479	
IP25*	30/360	DELAY		1,384,782,608.00	9.583333333	0.01350865	0.00012946	N/AP	N/AP	0.01309479	
IP26*	30/360	DELAY		1,327,083,333.00	10.000000000	0.01350865	0.00013509	N/AP	N/AP	0.01309479	
IP27*	30/360	DELAY		1,274,000,000.00	10.416666667	0.01350865	0.00014072	N/AP	N/AP	0.01309479	
IP28*	30/360	DELAY		1,225,000,000.00	10.833333333	0.01350865	0.00014634	N/AP	N/AP	0.01309479	

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.

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

Disclaimer: Please refer to the REMIC and SMBS Legal Notice on our site for important information pertaining to this report.

**Fannie Mae SMBS-319**

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

Report Date : 9/17/13 12:24 AM

**Collateral Statement - 09/2013**

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	6.94234	6.50000	204	1	1	33,096,192.50	32,082,235.50	179,271.04	N/AP

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

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

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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