

Fannie Mae SMBS-416

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

Report Date : 9/17/13 2:40 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
A150	31395QTK6		1.50000	132,653,551.25	165,816.94	N/AP	966,850.50	131,686,700.75	1,132,667.44	
F4	31395QTL4		0.73406	132,653,551.25	81,146.39	N/AP	966,850.50	131,686,700.75	1,047,996.89	
S4	31395QTM2		5.76594	132,653,551.25	637,393.68	N/AP	0.00	131,686,700.75	637,393.68	
A175*	31395QTN0		1.75000	139,635,317.97	203,634.84	N/AP	1,017,737.37	138,617,580.59	1,221,372.21	
A200*	31395QTP5		2.00000	147,392,834.94	245,654.72	N/AP	1,074,278.33	146,318,556.60	1,319,933.05	
A225*	31395QTQ3		2.25000	156,063,001.58	292,618.13	N/AP	1,137,471.18	154,925,530.41	1,430,089.31	
A250*	31395QTR1		2.50000	165,816,939.06	345,451.96	N/AP	1,208,563.13	164,608,375.94	1,554,015.09	
A275*	31395QTS9		2.75000	176,871,402.31	405,330.30	N/AP	1,289,134.00	175,582,268.31	1,694,464.30	
A300*	31395QTT7		3.00000	189,505,073.77	473,762.68	N/AP	1,381,215.00	188,123,858.76	1,854,977.68	
A325*	31395QTU4		3.25000	204,082,386.98	552,723.13	N/AP	1,487,462.31	202,594,924.67	2,040,185.44	
A350*	31395QTV2		3.50000	221,089,252.40	644,843.65	N/AP	1,611,417.50	219,477,834.90	2,256,261.15	
A375*	31395QTW0		3.75000	241,188,275.00	753,713.36	N/AP	1,757,910.00	239,430,365.00	2,511,623.36	
A400*	31395QTX8		4.00000	265,307,102.50	884,357.01	N/AP	1,933,701.00	263,373,401.50	2,818,058.01	
A425*	31395QTY6		4.25000	241,188,275.00	854,208.47	N/AP	1,757,910.00	239,430,365.00	2,612,118.47	
A450*	31395QTZ3		4.50000	221,089,251.44	829,084.69	N/AP	1,611,417.50	219,477,833.94	2,440,502.19	
A475*	31395QUA6		4.75000	204,082,386.02	807,826.11	N/AP	1,487,462.30	202,594,923.72	2,295,288.41	
A500*	31395QUB4		5.00000	189,505,072.80	789,604.47	N/AP	1,381,215.00	188,123,857.80	2,170,819.47	
A525*	31395QUC2		5.25000	176,871,401.35	773,812.38	N/AP	1,289,134.00	175,582,267.35	2,062,946.38	
A550*	31395QUD0		5.50000	165,816,939.06	759,994.30	N/AP	1,208,563.13	164,608,375.94	1,968,557.43	
A600*	31395QUE8		6.00000	147,392,833.97	736,964.17	N/AP	1,074,278.33	146,318,555.64	1,811,242.50	
F3*	31395QUF5		0.68406	132,653,551.25	75,619.16	N/AP	966,850.50	131,686,700.75	1,042,469.66	
S3*	31395QUG3		5.81594	132,653,551.25	642,920.91	N/AP	0.00	131,686,700.75	642,920.91	
F2*	31395QUH1		0.63406	132,653,551.25	70,091.93	N/AP	966,850.50	131,686,700.75	1,036,942.43	
S2*	31395QUJ7		5.86594	132,653,551.25	648,448.14	N/AP	0.00	131,686,700.75	648,448.14	
F1*	31395QUK4		0.58406	132,653,551.25	64,564.69	N/AP	966,850.50	131,686,700.75	1,031,415.19	
S1*	31395QUL2		5.91594	132,653,551.25	653,975.37	N/AP	0.00	131,686,700.75	653,975.37	
F8*	31395QUM0		0.53406	132,653,551.25	59,037.46	N/AP	966,850.50	131,686,700.75	1,025,887.96	
S8*	31395QUN8		5.96594	132,653,551.25	659,502.61	N/AP	0.00	131,686,700.75	659,502.61	
F9*	31395QUP3		0.48406	132,653,551.25	53,510.23	N/AP	966,850.50	131,686,700.75	1,020,360.73	
S9*	31395QUQ1		6.01594	132,653,551.25	665,029.84	N/AP	0.00	131,686,700.75	665,029.84	
Totals				265,307,102.50	884,357.01	N/AP	1,933,701.00	263,373,401.50	2,818,058.01	

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

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Principal Distribution Statement - 09/2013

Class	Original Class Balance	Group	Beginning/Notional Class Balance	Principal Distribution	Accretion	Ending/Notional Class Balance	Paid Off Date
A150	137,500,000.00		132,653,551.25	966,850.50	N/AP	131,686,700.75	
F4	137,500,000.00		132,653,551.25	966,850.50	N/AP	131,686,700.75	
S4	137,500,000.00		132,653,551.25	0.00	N/AP	131,686,700.75	
A175*	144,736,843.00		139,635,317.97	1,017,737.37	N/AP	138,617,580.59	
A200*	152,777,778.00		147,392,834.94	1,074,278.33	N/AP	146,318,556.60	
A225*	161,764,706.00		156,063,001.58	1,137,471.18	N/AP	154,925,530.41	
A250*	171,875,000.00		165,816,939.06	1,208,563.13	N/AP	164,608,375.94	
A275*	183,333,334.00		176,871,402.31	1,289,134.00	N/AP	175,582,268.31	
A300*	196,428,572.00		189,505,073.77	1,381,215.00	N/AP	188,123,858.76	
A325*	211,538,462.00		204,082,386.98	1,487,462.31	N/AP	202,594,924.67	
A350*	229,166,667.00		221,089,252.40	1,611,417.50	N/AP	219,477,834.90	
A375*	250,000,000.00		241,188,275.00	1,757,910.00	N/AP	239,430,365.00	
A400*	275,000,000.00		265,307,102.50	1,933,701.00	N/AP	263,373,401.50	
A425*	250,000,000.00		241,188,275.00	1,757,910.00	N/AP	239,430,365.00	
A450*	229,166,666.00		221,089,251.44	1,611,417.50	N/AP	219,477,833.94	
A475*	211,538,461.00		204,082,386.02	1,487,462.30	N/AP	202,594,923.72	
A500*	196,428,571.00		189,505,072.80	1,381,215.00	N/AP	188,123,857.80	
A525*	183,333,333.00		176,871,401.35	1,289,134.00	N/AP	175,582,267.35	
A550*	171,875,000.00		165,816,939.06	1,208,563.13	N/AP	164,608,375.94	
A600*	152,777,777.00		147,392,833.97	1,074,278.33	N/AP	146,318,555.64	
F3*	137,500,000.00		132,653,551.25	966,850.50	N/AP	131,686,700.75	
S3*	137,500,000.00		132,653,551.25	0.00	N/AP	131,686,700.75	
F2*	137,500,000.00		132,653,551.25	966,850.50	N/AP	131,686,700.75	
S2*	137,500,000.00		132,653,551.25	0.00	N/AP	131,686,700.75	
F1*	137,500,000.00		132,653,551.25	966,850.50	N/AP	131,686,700.75	
S1*	137,500,000.00		132,653,551.25	0.00	N/AP	131,686,700.75	
F8*	137,500,000.00		132,653,551.25	966,850.50	N/AP	131,686,700.75	
S8*	137,500,000.00		132,653,551.25	0.00	N/AP	131,686,700.75	
F9*	137,500,000.00		132,653,551.25	966,850.50	N/AP	131,686,700.75	
S9*	137,500,000.00		132,653,551.25	0.00	N/AP	131,686,700.75	
Totals	275,000,000.00		265,307,102.50	1,933,701.00	N/AP	263,373,401.50	

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
A150	137,500,000.00		0.96475310	0.00703164	N/AP	0.95772146	
F4	137,500,000.00		0.96475310	0.00703164	N/AP	0.95772146	
S4	137,500,000.00		0.96475310	0.00000000	N/AP	0.95772146	
A175*	144,736,843.00		0.96475310	0.00703164	N/AP	0.95772146	
A200*	152,777,778.00		0.96475310	0.00703164	N/AP	0.95772146	
A225*	161,764,706.00		0.96475310	0.00703164	N/AP	0.95772146	
A250*	171,875,000.00		0.96475310	0.00703164	N/AP	0.95772146	
A275*	183,333,334.00		0.96475310	0.00703164	N/AP	0.95772146	
A300*	196,428,572.00		0.96475310	0.00703164	N/AP	0.95772146	
A325*	211,538,462.00		0.96475310	0.00703164	N/AP	0.95772146	
A350*	229,166,667.00		0.96475310	0.00703164	N/AP	0.95772146	
A375*	250,000,000.00		0.96475310	0.00703164	N/AP	0.95772146	
A400*	275,000,000.00		0.96475310	0.00703164	N/AP	0.95772146	
A425*	250,000,000.00		0.96475310	0.00703164	N/AP	0.95772146	
A450*	229,166,666.00		0.96475310	0.00703164	N/AP	0.95772146	
A475*	211,538,461.00		0.96475310	0.00703164	N/AP	0.95772146	
A500*	196,428,571.00		0.96475310	0.00703164	N/AP	0.95772146	
A525*	183,333,333.00		0.96475310	0.00703164	N/AP	0.95772146	
A550*	171,875,000.00		0.96475310	0.00703164	N/AP	0.95772146	
A600*	152,777,777.00		0.96475310	0.00703164	N/AP	0.95772146	
F3*	137,500,000.00		0.96475310	0.00703164	N/AP	0.95772146	
S3*	137,500,000.00		0.96475310	0.00000000	N/AP	0.95772146	
F2*	137,500,000.00		0.96475310	0.00703164	N/AP	0.95772146	
S2*	137,500,000.00		0.96475310	0.00000000	N/AP	0.95772146	
F1*	137,500,000.00		0.96475310	0.00703164	N/AP	0.95772146	
S1*	137,500,000.00		0.96475310	0.00000000	N/AP	0.95772146	
F8*	137,500,000.00		0.96475310	0.00703164	N/AP	0.95772146	
S8*	137,500,000.00		0.96475310	0.00000000	N/AP	0.95772146	
F9*	137,500,000.00		0.96475310	0.00703164	N/AP	0.95772146	
S9*	137,500,000.00		0.96475310	0.00000000	N/AP	0.95772146	

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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
A150	30/360	DELAY		137,500,000.00	1.50000	132,653,551.25	165,816.94	N/AP	N/AP	131,686,700.75	
F4	30/360	NO DELAY		137,500,000.00	0.73406	132,653,551.25	81,146.39	N/AP	N/AP	131,686,700.75	
S4	30/360	NO DELAY		137,500,000.00	5.76594	132,653,551.25	637,393.68	N/AP	N/AP	131,686,700.75	
A175*	30/360	DELAY		144,736,843.00	1.75000	139,635,317.97	203,634.84	N/AP	N/AP	138,617,580.59	
A200*	30/360	DELAY		152,777,778.00	2.00000	147,392,834.94	245,654.72	N/AP	N/AP	146,318,556.60	
A225*	30/360	DELAY		161,764,706.00	2.25000	156,063,001.58	292,618.13	N/AP	N/AP	154,925,530.41	
A250*	30/360	DELAY		171,875,000.00	2.50000	165,816,939.06	345,451.96	N/AP	N/AP	164,608,375.94	
A275*	30/360	DELAY		183,333,334.00	2.75000	176,871,402.31	405,330.30	N/AP	N/AP	175,582,268.31	
A300*	30/360	DELAY		196,428,572.00	3.00000	189,505,073.77	473,762.68	N/AP	N/AP	188,123,858.76	
A325*	30/360	DELAY		211,538,462.00	3.25000	204,082,386.98	552,723.13	N/AP	N/AP	202,594,924.67	
A350*	30/360	DELAY		229,166,667.00	3.50000	221,089,252.40	644,843.65	N/AP	N/AP	219,477,834.90	
A375*	30/360	DELAY		250,000,000.00	3.75000	241,188,275.00	753,713.36	N/AP	N/AP	239,430,365.00	
A400*	30/360	DELAY		275,000,000.00	4.00000	265,307,102.50	884,357.01	N/AP	N/AP	263,373,401.50	
A425*	30/360	DELAY		250,000,000.00	4.25000	241,188,275.00	854,208.47	N/AP	N/AP	239,430,365.00	
A450*	30/360	DELAY		229,166,666.00	4.50000	221,089,251.44	829,084.69	N/AP	N/AP	219,477,833.94	
A475*	30/360	DELAY		211,538,461.00	4.75000	204,082,386.02	807,826.11	N/AP	N/AP	202,594,923.72	
A500*	30/360	DELAY		196,428,571.00	5.00000	189,505,072.80	789,604.47	N/AP	N/AP	188,123,857.80	
A525*	30/360	DELAY		183,333,333.00	5.25000	176,871,401.35	773,812.38	N/AP	N/AP	175,582,267.35	
A550*	30/360	DELAY		171,875,000.00	5.50000	165,816,939.06	759,994.30	N/AP	N/AP	164,608,375.94	
A600*	30/360	DELAY		152,777,777.00	6.00000	147,392,833.97	736,964.17	N/AP	N/AP	146,318,555.64	
F3*	30/360	NO DELAY		137,500,000.00	0.68406	132,653,551.25	75,619.16	N/AP	N/AP	131,686,700.75	
S3*	30/360	NO DELAY		137,500,000.00	5.81594	132,653,551.25	642,920.91	N/AP	N/AP	131,686,700.75	
F2*	30/360	NO DELAY		137,500,000.00	0.63406	132,653,551.25	70,091.93	N/AP	N/AP	131,686,700.75	
S2*	30/360	NO DELAY		137,500,000.00	5.86594	132,653,551.25	648,448.14	N/AP	N/AP	131,686,700.75	
F1*	30/360	NO DELAY		137,500,000.00	0.58406	132,653,551.25	64,564.69	N/AP	N/AP	131,686,700.75	
S1*	30/360	NO DELAY		137,500,000.00	5.91594	132,653,551.25	653,975.37	N/AP	N/AP	131,686,700.75	
F8*	30/360	NO DELAY		137,500,000.00	0.53406	132,653,551.25	59,037.46	N/AP	N/AP	131,686,700.75	
S8*	30/360	NO DELAY		137,500,000.00	5.96594	132,653,551.25	659,502.61	N/AP	N/AP	131,686,700.75	
F9*	30/360	NO DELAY		137,500,000.00	0.48406	132,653,551.25	53,510.23	N/AP	N/AP	131,686,700.75	
S9*	30/360	NO DELAY		137,500,000.00	6.01594	132,653,551.25	665,029.84	N/AP	N/AP	131,686,700.75	
Totals				275,000,000.00		265,307,102.50	884,357.01	N/AP	N/AP	263,373,401.50	

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A150	30/360	DELAY		137,500,000.00	1.250000000	0.96475310	0.00120594	N/AP	N/AP	0.95772146	
F4	30/360	NO DELAY		137,500,000.00	0.611716667	0.96475310	0.00059016	N/AP	N/AP	0.95772146	
S4	30/360	NO DELAY		137,500,000.00	4.804950000	0.96475310	0.00463559	N/AP	N/AP	0.95772146	
A175*	30/360	DELAY		144,736,843.00	1.458333333	0.96475310	0.00140693	N/AP	N/AP	0.95772146	
A200*	30/360	DELAY		152,777,778.00	1.666666667	0.96475310	0.00160792	N/AP	N/AP	0.95772146	
A225*	30/360	DELAY		161,764,706.00	1.875000000	0.96475310	0.00180891	N/AP	N/AP	0.95772146	
A250*	30/360	DELAY		171,875,000.00	2.083333333	0.96475310	0.00200990	N/AP	N/AP	0.95772146	
A275*	30/360	DELAY		183,333,334.00	2.291666667	0.96475310	0.00221089	N/AP	N/AP	0.95772146	
A300*	30/360	DELAY		196,428,572.00	2.500000000	0.96475310	0.00241188	N/AP	N/AP	0.95772146	
A325*	30/360	DELAY		211,538,462.00	2.708333333	0.96475310	0.00261287	N/AP	N/AP	0.95772146	
A350*	30/360	DELAY		229,166,667.00	2.916666667	0.96475310	0.00281386	N/AP	N/AP	0.95772146	
A375*	30/360	DELAY		250,000,000.00	3.125000000	0.96475310	0.00301485	N/AP	N/AP	0.95772146	
A400*	30/360	DELAY		275,000,000.00	3.333333333	0.96475310	0.00321584	N/AP	N/AP	0.95772146	
A425*	30/360	DELAY		250,000,000.00	3.541666667	0.96475310	0.00341683	N/AP	N/AP	0.95772146	
A450*	30/360	DELAY		229,166,666.00	3.750000000	0.96475310	0.00361782	N/AP	N/AP	0.95772146	
A475*	30/360	DELAY		211,538,461.00	3.958333333	0.96475310	0.00381881	N/AP	N/AP	0.95772146	
A500*	30/360	DELAY		196,428,571.00	4.166666667	0.96475310	0.00401980	N/AP	N/AP	0.95772146	
A525*	30/360	DELAY		183,333,333.00	4.375000000	0.96475310	0.00422079	N/AP	N/AP	0.95772146	
A550*	30/360	DELAY		171,875,000.00	4.583333333	0.96475310	0.00442179	N/AP	N/AP	0.95772146	
A600*	30/360	DELAY		152,777,777.00	5.000000000	0.96475310	0.00482377	N/AP	N/AP	0.95772146	
F3*	30/360	NO DELAY		137,500,000.00	0.570050000	0.96475310	0.00054996	N/AP	N/AP	0.95772146	
S3*	30/360	NO DELAY		137,500,000.00	4.846616667	0.96475310	0.00467579	N/AP	N/AP	0.95772146	
F2*	30/360	NO DELAY		137,500,000.00	0.528383333	0.96475310	0.00050976	N/AP	N/AP	0.95772146	
S2*	30/360	NO DELAY		137,500,000.00	4.888283333	0.96475310	0.00471599	N/AP	N/AP	0.95772146	
F1*	30/360	NO DELAY		137,500,000.00	0.486716667	0.96475310	0.00046956	N/AP	N/AP	0.95772146	
S1*	30/360	NO DELAY		137,500,000.00	4.929950000	0.96475310	0.00475618	N/AP	N/AP	0.95772146	
F8*	30/360	NO DELAY		137,500,000.00	0.445050000	0.96475310	0.00042936	N/AP	N/AP	0.95772146	
S8*	30/360	NO DELAY		137,500,000.00	4.971616667	0.96475310	0.00479638	N/AP	N/AP	0.95772146	
F9*	30/360	NO DELAY		137,500,000.00	0.403383333	0.96475310	0.00038917	N/AP	N/AP	0.95772146	
S9*	30/360	NO DELAY		137,500,000.00	5.013283333	0.96475310	0.00483658	N/AP	N/AP	0.95772146	

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-416**

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

Report Date : 9/17/13 2:40 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	4.49422	4.00000	339	1	1	265,307,102.50	263,373,401.50	884,357.01	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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