

Fannie Mae SMBS-316

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

Report Date : 9/17/13 12:22 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	3136FADJ6		0.00000	15,971,731.30	0.00	N/AP	561,278.20	15,410,453.10	561,278.20	
IO2	3136FADK3		6.50000	15,971,731.30	86,513.54	N/AP	0.00	15,410,453.10	86,513.54	
PI3*	3136FADL1		0.50000	15,971,731.30	6,654.89	N/AP	561,278.20	15,410,453.10	567,933.09	
PI4*	3136FADM9		1.00000	15,971,731.30	13,309.78	N/AP	561,278.20	15,410,453.10	574,587.98	
PI5*	3136FADN7		1.50000	15,971,731.30	19,964.66	N/AP	561,278.20	15,410,453.10	581,242.86	
PI6*	3136FADP2		2.00000	15,971,731.30	26,619.55	N/AP	561,278.20	15,410,453.10	587,897.75	
PI7*	3136FADQ0		2.50000	15,971,731.30	33,274.44	N/AP	561,278.20	15,410,453.10	594,552.64	
PI8*	3136FADR8		3.00000	15,971,731.30	39,929.33	N/AP	561,278.20	15,410,453.10	601,207.53	
PI9*	3136FADS6		3.50000	15,971,731.30	46,584.22	N/AP	561,278.20	15,410,453.10	607,862.42	
PI10*	3136FADT4		4.00000	15,971,731.30	53,239.10	N/AP	561,278.20	15,410,453.10	614,517.30	
PI11*	3136FADU1		4.50000	15,971,731.30	59,893.99	N/AP	561,278.20	15,410,453.10	621,172.19	
PI12*	3136FADV9		5.00000	15,971,731.30	66,548.88	N/AP	561,278.20	15,410,453.10	627,827.08	
PI13*	3136FADW7		5.50000	15,971,731.30	73,203.77	N/AP	561,278.20	15,410,453.10	634,481.97	
PI14*	3136FADX5		6.00000	15,971,731.30	79,858.66	N/AP	561,278.20	15,410,453.10	641,136.86	
PI15*	3136FADY3		6.50000	15,971,731.30	86,513.54	N/AP	561,278.20	15,410,453.10	647,791.74	
IP16*	3136FADZ0		7.00000	14,830,893.35	86,513.54	N/AP	521,186.90	14,309,706.45	607,700.44	
IP17*	3136FAEA4		7.50000	13,842,167.13	86,513.54	N/AP	486,441.11	13,355,726.02	572,954.65	
IP18*	3136FAEB2		8.00000	12,977,031.68	86,513.54	N/AP	456,038.54	12,520,993.14	542,552.08	
IP19*	3136FAEC0		8.50000	12,213,676.88	86,513.54	N/AP	429,212.74	11,784,464.14	515,726.28	
IP20*	3136FAED8		9.00000	11,535,139.27	86,513.54	N/AP	405,367.59	11,129,771.68	491,881.13	
IP21*	3136FAEE6		9.50000	10,928,026.68	86,513.54	N/AP	384,032.45	10,543,994.23	470,545.99	
IP22*	3136FAEF3		10.00000	10,381,625.35	86,513.54	N/AP	364,830.83	10,016,794.52	451,344.37	
IP23*	3136FAEG1		10.50000	9,887,262.23	86,513.54	N/AP	347,457.93	9,539,804.30	433,971.47	
IP24*	3136FAEH9		11.00000	9,437,841.22	86,513.54	N/AP	331,664.39	9,106,176.83	418,177.93	
IP25*	3136FAEJ5		11.50000	9,027,500.30	86,513.54	N/AP	317,244.20	8,710,256.10	403,757.74	
IP26*	3136FAEK2		12.00000	8,651,354.45	86,513.54	N/AP	304,025.69	8,347,328.76	390,539.23	
IP27*	3136FAEL0		12.50000	8,305,300.28	86,513.54	N/AP	291,864.66	8,013,435.61	378,378.20	
IP28*	3136FAEM8		13.00000	7,985,865.65	86,513.54	N/AP	280,639.10	7,705,226.55	367,152.64	
Totals				15,971,731.30	86,513.54	N/AP	561,278.20	15,410,453.10	647,791.74	

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
PO1	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
IO2	1,610,000,000.00		15,971,731.30	0.00	N/AP	15,410,453.10	
PI3*	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
PI4*	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
PI5*	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
PI6*	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
PI7*	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
PI8*	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
PI9*	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
PI10*	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
PI11*	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
PI12*	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
PI13*	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
PI14*	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
PI15*	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	
IP16*	1,495,000,000.00		14,830,893.35	521,186.90	N/AP	14,309,706.45	
IP17*	1,395,333,333.00		13,842,167.13	486,441.11	N/AP	13,355,726.02	
IP18*	1,308,125,000.00		12,977,031.68	456,038.54	N/AP	12,520,993.14	
IP19*	1,231,176,470.00		12,213,676.88	429,212.74	N/AP	11,784,464.14	
IP20*	1,162,777,777.00		11,535,139.27	405,367.59	N/AP	11,129,771.68	
IP21*	1,101,578,947.00		10,928,026.68	384,032.45	N/AP	10,543,994.23	
IP22*	1,046,500,000.00		10,381,625.35	364,830.83	N/AP	10,016,794.52	
IP23*	996,666,666.00		9,887,262.23	347,457.93	N/AP	9,539,804.30	
IP24*	951,363,636.00		9,437,841.22	331,664.39	N/AP	9,106,176.83	
IP25*	910,000,000.00		9,027,500.30	317,244.20	N/AP	8,710,256.10	
IP26*	872,083,333.00		8,651,354.45	304,025.69	N/AP	8,347,328.76	
IP27*	837,200,000.00		8,305,300.28	291,864.66	N/AP	8,013,435.61	
IP28*	805,000,000.00		7,985,865.65	280,639.10	N/AP	7,705,226.55	
Totals	1,610,000,000.00		15,971,731.30	561,278.20	N/AP	15,410,453.10	

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	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
IO2	1,610,000,000.00		0.00992033	0.00000000	N/AP	0.00957171	
PI3*	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
PI4*	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
PI5*	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
PI6*	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
PI7*	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
PI8*	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
PI9*	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
PI10*	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
PI11*	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
PI12*	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
PI13*	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
PI14*	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
PI15*	1,610,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
IP16*	1,495,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
IP17*	1,395,333,333.00		0.00992033	0.00034862	N/AP	0.00957171	
IP18*	1,308,125,000.00		0.00992033	0.00034862	N/AP	0.00957171	
IP19*	1,231,176,470.00		0.00992033	0.00034862	N/AP	0.00957171	
IP20*	1,162,777,777.00		0.00992033	0.00034862	N/AP	0.00957171	
IP21*	1,101,578,947.00		0.00992033	0.00034862	N/AP	0.00957171	
IP22*	1,046,500,000.00		0.00992033	0.00034862	N/AP	0.00957171	
IP23*	996,666,666.00		0.00992033	0.00034862	N/AP	0.00957171	
IP24*	951,363,636.00		0.00992033	0.00034862	N/AP	0.00957171	
IP25*	910,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	
IP26*	872,083,333.00		0.00992033	0.00034862	N/AP	0.00957171	
IP27*	837,200,000.00		0.00992033	0.00034862	N/AP	0.00957171	
IP28*	805,000,000.00		0.00992033	0.00034862	N/AP	0.00957171	

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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		1,610,000,000.00	0.00000	15,971,731.30	0.00	N/AP	N/AP	15,410,453.10	
IO2	30/360	DELAY		1,610,000,000.00	6.50000	15,971,731.30	86,513.54	N/AP	N/AP	15,410,453.10	
PI3*	30/360	DELAY		1,610,000,000.00	0.50000	15,971,731.30	6,654.89	N/AP	N/AP	15,410,453.10	
PI4*	30/360	DELAY		1,610,000,000.00	1.00000	15,971,731.30	13,309.78	N/AP	N/AP	15,410,453.10	
PI5*	30/360	DELAY		1,610,000,000.00	1.50000	15,971,731.30	19,964.66	N/AP	N/AP	15,410,453.10	
PI6*	30/360	DELAY		1,610,000,000.00	2.00000	15,971,731.30	26,619.55	N/AP	N/AP	15,410,453.10	
PI7*	30/360	DELAY		1,610,000,000.00	2.50000	15,971,731.30	33,274.44	N/AP	N/AP	15,410,453.10	
PI8*	30/360	DELAY		1,610,000,000.00	3.00000	15,971,731.30	39,929.33	N/AP	N/AP	15,410,453.10	
PI9*	30/360	DELAY		1,610,000,000.00	3.50000	15,971,731.30	46,584.22	N/AP	N/AP	15,410,453.10	
PI10*	30/360	DELAY		1,610,000,000.00	4.00000	15,971,731.30	53,239.10	N/AP	N/AP	15,410,453.10	
PI11*	30/360	DELAY		1,610,000,000.00	4.50000	15,971,731.30	59,893.99	N/AP	N/AP	15,410,453.10	
PI12*	30/360	DELAY		1,610,000,000.00	5.00000	15,971,731.30	66,548.88	N/AP	N/AP	15,410,453.10	
PI13*	30/360	DELAY		1,610,000,000.00	5.50000	15,971,731.30	73,203.77	N/AP	N/AP	15,410,453.10	
PI14*	30/360	DELAY		1,610,000,000.00	6.00000	15,971,731.30	79,858.66	N/AP	N/AP	15,410,453.10	
PI15*	30/360	DELAY		1,610,000,000.00	6.50000	15,971,731.30	86,513.54	N/AP	N/AP	15,410,453.10	
IP16*	30/360	DELAY		1,495,000,000.00	7.00000	14,830,893.35	86,513.54	N/AP	N/AP	14,309,706.45	
IP17*	30/360	DELAY		1,395,333,333.00	7.50000	13,842,167.13	86,513.54	N/AP	N/AP	13,355,726.02	
IP18*	30/360	DELAY		1,308,125,000.00	8.00000	12,977,031.68	86,513.54	N/AP	N/AP	12,520,993.14	
IP19*	30/360	DELAY		1,231,176,470.00	8.50000	12,213,676.88	86,513.54	N/AP	N/AP	11,784,464.14	
IP20*	30/360	DELAY		1,162,777,777.00	9.00000	11,535,139.27	86,513.54	N/AP	N/AP	11,129,771.68	
IP21*	30/360	DELAY		1,101,578,947.00	9.50000	10,928,026.68	86,513.54	N/AP	N/AP	10,543,994.23	
IP22*	30/360	DELAY		1,046,500,000.00	10.00000	10,381,625.35	86,513.54	N/AP	N/AP	10,016,794.52	
IP23*	30/360	DELAY		996,666,666.00	10.50000	9,887,262.23	86,513.54	N/AP	N/AP	9,539,804.30	
IP24*	30/360	DELAY		951,363,636.00	11.00000	9,437,841.22	86,513.54	N/AP	N/AP	9,106,176.83	
IP25*	30/360	DELAY		910,000,000.00	11.50000	9,027,500.30	86,513.54	N/AP	N/AP	8,710,256.10	
IP26*	30/360	DELAY		872,083,333.00	12.00000	8,651,354.45	86,513.54	N/AP	N/AP	8,347,328.76	
IP27*	30/360	DELAY		837,200,000.00	12.50000	8,305,300.28	86,513.54	N/AP	N/AP	8,013,435.61	
IP28*	30/360	DELAY		805,000,000.00	13.00000	7,985,865.65	86,513.54	N/AP	N/AP	7,705,226.55	
Totals				1,610,000,000.00		15,971,731.30	86,513.54	N/AP	N/AP	15,410,453.10	

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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		1,610,000,000.00	0.000000000	0.00992033	0.00000000	N/AP	N/AP	0.00957171	
IO2	30/360	DELAY		1,610,000,000.00	5.416666667	0.00992033	0.00005374	N/AP	N/AP	0.00957171	
PI3*	30/360	DELAY		1,610,000,000.00	0.416666667	0.00992033	0.00000413	N/AP	N/AP	0.00957171	
PI4*	30/360	DELAY		1,610,000,000.00	0.833333333	0.00992033	0.00000827	N/AP	N/AP	0.00957171	
PI5*	30/360	DELAY		1,610,000,000.00	1.250000000	0.00992033	0.00001240	N/AP	N/AP	0.00957171	
PI6*	30/360	DELAY		1,610,000,000.00	1.666666667	0.00992033	0.00001653	N/AP	N/AP	0.00957171	
PI7*	30/360	DELAY		1,610,000,000.00	2.083333333	0.00992033	0.00002067	N/AP	N/AP	0.00957171	
PI8*	30/360	DELAY		1,610,000,000.00	2.500000000	0.00992033	0.00002480	N/AP	N/AP	0.00957171	
PI9*	30/360	DELAY		1,610,000,000.00	2.916666667	0.00992033	0.00002893	N/AP	N/AP	0.00957171	
PI10*	30/360	DELAY		1,610,000,000.00	3.333333333	0.00992033	0.00003307	N/AP	N/AP	0.00957171	
PI11*	30/360	DELAY		1,610,000,000.00	3.750000000	0.00992033	0.00003720	N/AP	N/AP	0.00957171	
PI12*	30/360	DELAY		1,610,000,000.00	4.166666667	0.00992033	0.00004133	N/AP	N/AP	0.00957171	
PI13*	30/360	DELAY		1,610,000,000.00	4.583333333	0.00992033	0.00004547	N/AP	N/AP	0.00957171	
PI14*	30/360	DELAY		1,610,000,000.00	5.000000000	0.00992033	0.00004960	N/AP	N/AP	0.00957171	
PI15*	30/360	DELAY		1,610,000,000.00	5.416666667	0.00992033	0.00005374	N/AP	N/AP	0.00957171	
IP16*	30/360	DELAY		1,495,000,000.00	5.833333333	0.00992033	0.00005787	N/AP	N/AP	0.00957171	
IP17*	30/360	DELAY		1,395,333,333.00	6.250000000	0.00992033	0.00006200	N/AP	N/AP	0.00957171	
IP18*	30/360	DELAY		1,308,125,000.00	6.666666667	0.00992033	0.00006614	N/AP	N/AP	0.00957171	
IP19*	30/360	DELAY		1,231,176,470.00	7.083333333	0.00992033	0.00007027	N/AP	N/AP	0.00957171	
IP20*	30/360	DELAY		1,162,777,777.00	7.500000000	0.00992033	0.00007440	N/AP	N/AP	0.00957171	
IP21*	30/360	DELAY		1,101,578,947.00	7.916666667	0.00992033	0.00007854	N/AP	N/AP	0.00957171	
IP22*	30/360	DELAY		1,046,500,000.00	8.333333333	0.00992033	0.00008267	N/AP	N/AP	0.00957171	
IP23*	30/360	DELAY		996,666,666.00	8.750000000	0.00992033	0.00008680	N/AP	N/AP	0.00957171	
IP24*	30/360	DELAY		951,363,636.00	9.166666667	0.00992033	0.00009094	N/AP	N/AP	0.00957171	
IP25*	30/360	DELAY		910,000,000.00	9.583333333	0.00992033	0.00009507	N/AP	N/AP	0.00957171	
IP26*	30/360	DELAY		872,083,333.00	10.000000000	0.00992033	0.00009920	N/AP	N/AP	0.00957171	
IP27*	30/360	DELAY		837,200,000.00	10.416666667	0.00992033	0.00010334	N/AP	N/AP	0.00957171	
IP28*	30/360	DELAY		805,000,000.00	10.833333333	0.00992033	0.00010747	N/AP	N/AP	0.00957171	

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-316

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

Report Date : 9/17/13 12:22 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	7.04394	6.50000	201	1	1	15,971,731.30	15,410,453.10	86,513.54	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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