

Fannie Mae SMBS-321

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

Report Date : 4/17/13 12:06 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	3136FAKL3		0.00000	60,721,255.10	0.00	N/AP	1,606,890.00	59,114,365.10	1,606,890.00	
IO2	3136FAKM1		6.50000	60,721,260.10	328,906.83	N/AP	0.00	59,114,370.10	328,906.83	
PI3*	3136FAKN9		0.50000	60,721,260.10	25,300.53	N/AP	1,606,890.00	59,114,370.10	1,632,190.53	
PI4*	3136FAKP4		1.00000	60,721,260.10	50,601.05	N/AP	1,606,890.00	59,114,370.10	1,657,491.05	
PI5*	3136FAKQ2		1.50000	60,721,260.10	75,901.58	N/AP	1,606,890.00	59,114,370.10	1,682,791.58	
PI6*	3136FAKR0		2.00000	60,721,260.10	101,202.10	N/AP	1,606,890.00	59,114,370.10	1,708,092.10	
PI7*	3136FAKS8		2.50000	60,721,260.10	126,502.63	N/AP	1,606,890.00	59,114,370.10	1,733,392.63	
PI8*	3136FAKT6		3.00000	60,721,260.10	151,803.15	N/AP	1,606,890.00	59,114,370.10	1,758,693.15	
PI9*	3136FAKU3		3.50000	60,721,260.10	177,103.68	N/AP	1,606,890.00	59,114,370.10	1,783,993.68	
PI10*	3136FAKV1		4.00000	60,721,260.10	202,404.20	N/AP	1,606,890.00	59,114,370.10	1,809,294.20	
PI11*	3136FAKW9		4.50000	60,721,260.10	227,704.73	N/AP	1,606,890.00	59,114,370.10	1,834,594.73	
PI12*	3136FAKX7		5.00000	60,721,260.10	253,005.25	N/AP	1,606,890.00	59,114,370.10	1,859,895.25	
PI13*	3136FAKY5		5.50000	60,721,260.10	278,305.78	N/AP	1,606,890.00	59,114,370.10	1,885,195.78	
PI14*	3136FAKZ2		6.00000	60,721,260.10	303,606.30	N/AP	1,606,890.00	59,114,370.10	1,910,496.30	
PI15*	3136FALA6		6.50000	60,721,260.10	328,906.83	N/AP	1,606,890.00	59,114,370.10	1,935,796.83	
IP16*	3136FALB4		7.00000	56,384,027.24	328,906.83	N/AP	1,492,112.14	54,891,915.09	1,821,018.97	
IP17*	3136FALC2		7.50000	52,625,092.09	328,906.83	N/AP	1,392,638.00	51,232,454.09	1,721,544.83	
IP18*	3136FALD0		8.00000	49,336,023.83	328,906.83	N/AP	1,305,598.13	48,030,425.71	1,634,504.96	
IP19*	3136FALE8		8.50000	46,433,904.78	328,906.83	N/AP	1,228,798.24	45,205,106.55	1,557,705.07	
IP20*	3136FALF5		9.00000	43,854,243.41	328,906.83	N/AP	1,160,531.67	42,693,711.74	1,489,438.50	
IP21*	3136FALG3		9.50000	41,546,125.33	328,906.83	N/AP	1,099,451.05	40,446,674.28	1,428,357.88	
IP22*	3136FALH1		10.00000	39,468,819.07	328,906.83	N/AP	1,044,478.50	38,424,340.57	1,373,385.33	
IP23*	3136FALJ7		10.50000	37,589,351.49	328,906.83	N/AP	994,741.43	36,594,610.06	1,323,648.26	
IP24*	3136FALK4		11.00000	35,880,744.60	328,906.83	N/AP	949,525.91	34,931,218.70	1,278,432.74	
IP25*	3136FALL2		11.50000	34,320,712.23	328,906.83	N/AP	908,242.17	33,412,470.06	1,237,149.00	
IP26*	3136FALM0		12.00000	32,890,682.55	328,906.83	N/AP	870,398.75	32,020,283.80	1,199,305.58	
IP27*	3136FALN8		12.50000	31,575,055.25	328,906.83	N/AP	835,582.80	30,739,472.45	1,164,489.63	
IP28*	3136FALP3		13.00000	30,360,630.05	328,906.83	N/AP	803,445.00	29,557,185.05	1,132,351.83	
Totals				60,721,255.10	328,906.83	N/AP	1,606,890.00	59,114,365.10	1,935,796.83	

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

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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	3,000,000,000.00		60,721,255.10	1,606,890.00	N/AP	59,114,365.10	
IO2	3,000,000,000.00		60,721,260.10	0.00	N/AP	59,114,370.10	
PI3*	3,000,000,000.00		60,721,260.10	1,606,890.00	N/AP	59,114,370.10	
PI4*	3,000,000,000.00		60,721,260.10	1,606,890.00	N/AP	59,114,370.10	
PI5*	3,000,000,000.00		60,721,260.10	1,606,890.00	N/AP	59,114,370.10	
PI6*	3,000,000,000.00		60,721,260.10	1,606,890.00	N/AP	59,114,370.10	
PI7*	3,000,000,000.00		60,721,260.10	1,606,890.00	N/AP	59,114,370.10	
PI8*	3,000,000,000.00		60,721,260.10	1,606,890.00	N/AP	59,114,370.10	
PI9*	3,000,000,000.00		60,721,260.10	1,606,890.00	N/AP	59,114,370.10	
PI10*	3,000,000,000.00		60,721,260.10	1,606,890.00	N/AP	59,114,370.10	
PI11*	3,000,000,000.00		60,721,260.10	1,606,890.00	N/AP	59,114,370.10	
PI12*	3,000,000,000.00		60,721,260.10	1,606,890.00	N/AP	59,114,370.10	
PI13*	3,000,000,000.00		60,721,260.10	1,606,890.00	N/AP	59,114,370.10	
PI14*	3,000,000,000.00		60,721,260.10	1,606,890.00	N/AP	59,114,370.10	
PI15*	3,000,000,000.00		60,721,260.10	1,606,890.00	N/AP	59,114,370.10	
IP16*	2,785,714,285.00		56,384,027.24	1,492,112.14	N/AP	54,891,915.09	
IP17*	2,600,000,000.00		52,625,092.09	1,392,638.00	N/AP	51,232,454.09	
IP18*	2,437,500,000.00		49,336,023.83	1,305,598.13	N/AP	48,030,425.71	
IP19*	2,294,117,647.00		46,433,904.78	1,228,798.24	N/AP	45,205,106.55	
IP20*	2,166,666,666.00		43,854,243.41	1,160,531.67	N/AP	42,693,711.74	
IP21*	2,052,631,578.00		41,546,125.33	1,099,451.05	N/AP	40,446,674.28	
IP22*	1,950,000,000.00		39,468,819.07	1,044,478.50	N/AP	38,424,340.57	
IP23*	1,857,142,857.00		37,589,351.49	994,741.43	N/AP	36,594,610.06	
IP24*	1,772,727,272.00		35,880,744.60	949,525.91	N/AP	34,931,218.70	
IP25*	1,695,652,173.00		34,320,712.23	908,242.17	N/AP	33,412,470.06	
IP26*	1,625,000,000.00		32,890,682.55	870,398.75	N/AP	32,020,283.80	
IP27*	1,560,000,000.00		31,575,055.25	835,582.80	N/AP	30,739,472.45	
IP28*	1,500,000,000.00		30,360,630.05	803,445.00	N/AP	29,557,185.05	
Totals	3,000,000,000.00		60,721,255.10	1,606,890.00	N/AP	59,114,365.10	

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	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
IO2	3,000,000,000.00		0.02024042	0.00000000	N/AP	0.01970479	
PI3*	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
PI4*	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
PI5*	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
PI6*	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
PI7*	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
PI8*	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
PI9*	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
PI10*	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
PI11*	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
PI12*	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
PI13*	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
PI14*	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
PI15*	3,000,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
IP16*	2,785,714,285.00		0.02024042	0.00053563	N/AP	0.01970479	
IP17*	2,600,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
IP18*	2,437,500,000.00		0.02024042	0.00053563	N/AP	0.01970479	
IP19*	2,294,117,647.00		0.02024042	0.00053563	N/AP	0.01970479	
IP20*	2,166,666,666.00		0.02024042	0.00053563	N/AP	0.01970479	
IP21*	2,052,631,578.00		0.02024042	0.00053563	N/AP	0.01970479	
IP22*	1,950,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
IP23*	1,857,142,857.00		0.02024042	0.00053563	N/AP	0.01970479	
IP24*	1,772,727,272.00		0.02024042	0.00053563	N/AP	0.01970479	
IP25*	1,695,652,173.00		0.02024042	0.00053563	N/AP	0.01970479	
IP26*	1,625,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
IP27*	1,560,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	
IP28*	1,500,000,000.00		0.02024042	0.00053563	N/AP	0.01970479	

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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		3,000,000,000.00	0.00000	60,721,255.10	0.00	N/AP	N/AP	59,114,365.10	
IO2	30/360	DELAY		3,000,000,000.00	6.50000	60,721,260.10	328,906.83	N/AP	N/AP	59,114,370.10	
PI3*	30/360	DELAY		3,000,000,000.00	0.50000	60,721,260.10	25,300.53	N/AP	N/AP	59,114,370.10	
PI4*	30/360	DELAY		3,000,000,000.00	1.00000	60,721,260.10	50,601.05	N/AP	N/AP	59,114,370.10	
PI5*	30/360	DELAY		3,000,000,000.00	1.50000	60,721,260.10	75,901.58	N/AP	N/AP	59,114,370.10	
PI6*	30/360	DELAY		3,000,000,000.00	2.00000	60,721,260.10	101,202.10	N/AP	N/AP	59,114,370.10	
PI7*	30/360	DELAY		3,000,000,000.00	2.50000	60,721,260.10	126,502.63	N/AP	N/AP	59,114,370.10	
PI8*	30/360	DELAY		3,000,000,000.00	3.00000	60,721,260.10	151,803.15	N/AP	N/AP	59,114,370.10	
PI9*	30/360	DELAY		3,000,000,000.00	3.50000	60,721,260.10	177,103.68	N/AP	N/AP	59,114,370.10	
PI10*	30/360	DELAY		3,000,000,000.00	4.00000	60,721,260.10	202,404.20	N/AP	N/AP	59,114,370.10	
PI11*	30/360	DELAY		3,000,000,000.00	4.50000	60,721,260.10	227,704.73	N/AP	N/AP	59,114,370.10	
PI12*	30/360	DELAY		3,000,000,000.00	5.00000	60,721,260.10	253,005.25	N/AP	N/AP	59,114,370.10	
PI13*	30/360	DELAY		3,000,000,000.00	5.50000	60,721,260.10	278,305.78	N/AP	N/AP	59,114,370.10	
PI14*	30/360	DELAY		3,000,000,000.00	6.00000	60,721,260.10	303,606.30	N/AP	N/AP	59,114,370.10	
PI15*	30/360	DELAY		3,000,000,000.00	6.50000	60,721,260.10	328,906.83	N/AP	N/AP	59,114,370.10	
IP16*	30/360	DELAY		2,785,714,285.00	7.00000	56,384,027.24	328,906.83	N/AP	N/AP	54,891,915.09	
IP17*	30/360	DELAY		2,600,000,000.00	7.50000	52,625,092.09	328,906.83	N/AP	N/AP	51,232,454.09	
IP18*	30/360	DELAY		2,437,500,000.00	8.00000	49,336,023.83	328,906.83	N/AP	N/AP	48,030,425.71	
IP19*	30/360	DELAY		2,294,117,647.00	8.50000	46,433,904.78	328,906.83	N/AP	N/AP	45,205,106.55	
IP20*	30/360	DELAY		2,166,666,666.00	9.00000	43,854,243.41	328,906.83	N/AP	N/AP	42,693,711.74	
IP21*	30/360	DELAY		2,052,631,578.00	9.50000	41,546,125.33	328,906.83	N/AP	N/AP	40,446,674.28	
IP22*	30/360	DELAY		1,950,000,000.00	10.00000	39,468,819.07	328,906.83	N/AP	N/AP	38,424,340.57	
IP23*	30/360	DELAY		1,857,142,857.00	10.50000	37,589,351.49	328,906.83	N/AP	N/AP	36,594,610.06	
IP24*	30/360	DELAY		1,772,727,272.00	11.00000	35,880,744.60	328,906.83	N/AP	N/AP	34,931,218.70	
IP25*	30/360	DELAY		1,695,652,173.00	11.50000	34,320,712.23	328,906.83	N/AP	N/AP	33,412,470.06	
IP26*	30/360	DELAY		1,625,000,000.00	12.00000	32,890,682.55	328,906.83	N/AP	N/AP	32,020,283.80	
IP27*	30/360	DELAY		1,560,000,000.00	12.50000	31,575,055.25	328,906.83	N/AP	N/AP	30,739,472.45	
IP28*	30/360	DELAY		1,500,000,000.00	13.00000	30,360,630.05	328,906.83	N/AP	N/AP	29,557,185.05	
Totals				3,000,000,000.00		60,721,255.10	328,906.83	N/AP	N/AP	59,114,365.10	

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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		3,000,000,000.00	0.000000000	0.02024042	0.00000000	N/AP	N/AP	0.01970479	
IO2	30/360	DELAY		3,000,000,000.00	5.416666667	0.02024042	0.00010964	N/AP	N/AP	0.01970479	
PI3*	30/360	DELAY		3,000,000,000.00	0.416666667	0.02024042	0.00000843	N/AP	N/AP	0.01970479	
PI4*	30/360	DELAY		3,000,000,000.00	0.833333333	0.02024042	0.00001687	N/AP	N/AP	0.01970479	
PI5*	30/360	DELAY		3,000,000,000.00	1.250000000	0.02024042	0.00002530	N/AP	N/AP	0.01970479	
PI6*	30/360	DELAY		3,000,000,000.00	1.666666667	0.02024042	0.00003373	N/AP	N/AP	0.01970479	
PI7*	30/360	DELAY		3,000,000,000.00	2.083333333	0.02024042	0.00004217	N/AP	N/AP	0.01970479	
PI8*	30/360	DELAY		3,000,000,000.00	2.500000000	0.02024042	0.00005060	N/AP	N/AP	0.01970479	
PI9*	30/360	DELAY		3,000,000,000.00	2.916666667	0.02024042	0.00005903	N/AP	N/AP	0.01970479	
PI10*	30/360	DELAY		3,000,000,000.00	3.333333333	0.02024042	0.00006747	N/AP	N/AP	0.01970479	
PI11*	30/360	DELAY		3,000,000,000.00	3.750000000	0.02024042	0.00007590	N/AP	N/AP	0.01970479	
PI12*	30/360	DELAY		3,000,000,000.00	4.166666667	0.02024042	0.00008434	N/AP	N/AP	0.01970479	
PI13*	30/360	DELAY		3,000,000,000.00	4.583333333	0.02024042	0.00009277	N/AP	N/AP	0.01970479	
PI14*	30/360	DELAY		3,000,000,000.00	5.000000000	0.02024042	0.00010120	N/AP	N/AP	0.01970479	
PI15*	30/360	DELAY		3,000,000,000.00	5.416666667	0.02024042	0.00010964	N/AP	N/AP	0.01970479	
IP16*	30/360	DELAY		2,785,714,285.00	5.833333333	0.02024042	0.00011807	N/AP	N/AP	0.01970479	
IP17*	30/360	DELAY		2,600,000,000.00	6.250000000	0.02024042	0.00012650	N/AP	N/AP	0.01970479	
IP18*	30/360	DELAY		2,437,500,000.00	6.666666667	0.02024042	0.00013494	N/AP	N/AP	0.01970479	
IP19*	30/360	DELAY		2,294,117,647.00	7.083333333	0.02024042	0.00014337	N/AP	N/AP	0.01970479	
IP20*	30/360	DELAY		2,166,666,666.00	7.500000000	0.02024042	0.00015180	N/AP	N/AP	0.01970479	
IP21*	30/360	DELAY		2,052,631,578.00	7.916666667	0.02024042	0.00016024	N/AP	N/AP	0.01970479	
IP22*	30/360	DELAY		1,950,000,000.00	8.333333333	0.02024042	0.00016867	N/AP	N/AP	0.01970479	
IP23*	30/360	DELAY		1,857,142,857.00	8.750000000	0.02024042	0.00017710	N/AP	N/AP	0.01970479	
IP24*	30/360	DELAY		1,772,727,272.00	9.166666667	0.02024042	0.00018554	N/AP	N/AP	0.01970479	
IP25*	30/360	DELAY		1,695,652,173.00	9.583333333	0.02024042	0.00019397	N/AP	N/AP	0.01970479	
IP26*	30/360	DELAY		1,625,000,000.00	10.000000000	0.02024042	0.00020240	N/AP	N/AP	0.01970479	
IP27*	30/360	DELAY		1,560,000,000.00	10.416666667	0.02024042	0.00021084	N/AP	N/AP	0.01970479	
IP28*	30/360	DELAY		1,500,000,000.00	10.833333333	0.02024042	0.00021927	N/AP	N/AP	0.01970479	

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-321

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

Report Date : 4/17/13 12:06 AM

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	6.96074	6.50000	213	1	1	60,721,260.10	59,114,370.10	328,906.83	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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