

Fannie Mae SMBS-081

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

Report Date : 9/16/13 10:42 PM

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 | 31364HHS9 | | 0.00000 | 130,182.00 | 0.00 | N/AP | 9,894.00 | 120,288.00 | 9,894.00 | |
| IO2 | 31364HHT7 | | 9.50000 | 130,182.00 | 1,030.61 | N/AP | 0.00 | 120,288.00 | 1,030.61 | |
| Totals | | | | 130,182.00 | 1,030.61 | N/AP | 9,894.00 | 120,288.00 | 10,924.61 | |

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.

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

Fannie Mae SMBS-081

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

Report Date : 9/16/13 10:42 PM

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 | 300,000,000.00 | | 130,182.00 | 9,894.00 | N/AP | 120,288.00 | |
| IO2 | 300,000,000.00 | | 130,182.00 | 0.00 | N/AP | 120,288.00 | |
| Totals | 300,000,000.00 | | 130,182.00 | 9,894.00 | N/AP | 120,288.00 | |

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.

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

Fannie Mae SMBS-081

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

Report Date : 9/16/13 10:42 PM

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 | 300,000,000.00 | | 0.00043394 | 0.00003298 | N/AP | 0.00040096 | |
| IO2 | 300,000,000.00 | | 0.00043394 | 0.00000000 | N/AP | 0.00040096 | |

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.

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

Fannie Mae SMBS-081

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

Report Date : 9/16/13 10:42 PM

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 | | 300,000,000.00 | 0.00000 | 130,182.00 | 0.00 | N/AP | N/AP | 120,288.00 | |
| IO2 | 30/360 | DELAY | | 300,000,000.00 | 9.50000 | 130,182.00 | 1,030.61 | N/AP | N/AP | 120,288.00 | |
| Totals | | | | 300,000,000.00 | | 130,182.00 | 1,030.61 | N/AP | N/AP | 120,288.00 | |

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.

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

Fannie Mae SMBS-081

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

Report Date : 9/16/13 10:42 PM

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 | | 300,000,000.00 | 0.000000000 | 0.00043394 | 0.000000000 | N/AP | N/AP | 0.00040096 | |
| IO2 | 30/360 | DELAY | | 300,000,000.00 | 7.916666667 | 0.00043394 | 0.00000344 | N/AP | N/AP | 0.00040096 | |

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-081

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

Report Date : 9/16/13 10:42 PM

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 | 10.13370 | 9.50000 | 77 | 1 | 1 | 130,182.00 | 120,288.00 | 1,030.61 | 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.

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