Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06

ABN AMRO Acct : 723356.1

Payment Date:	25-Sep-06
Prior Payment:	25-Aug-06
Next Payment:	25-Oct-06
Record Date:	31-Aug-06
Distribution Count:	8
Closing Date:	26-Jan-06
First Pay. Date:	27-Feb-06
Rated Final Payment Date:	25-Sep-36
Delinquency Method:	OTS

Content:

Contact Information:

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Outside Parties To The Transaction

Issuer: Merrill Lynch & Company- Asset Backed Sec. Group

Depositor: Merrill Lynch Mortgage Investors, Inc.

Underwriter: Merrill Lynch & Company- Asset Backed Sec. Group

Master Servicer: Wilshire Credit Corporation

Rating Agency: Moody's Investors Service, Inc./Standard & Poor's

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Bond Payments

Class	CUSIP	Original Face Value [1]	Beginning Certificate Balance	Principal Payment	Current Realized Loss	Deferred Interest	Ending Certificate Balance	Interest Payment [2]	Interest Adjustment	Pass-Through Rate
A	59020U2N4	276,882,000.00	213,198,783.45	11,857,227.22	0.00	0.00	201,341,556.23	1,010,537.24	0.00	5.5043800000%
M-1	59020U2P9	32,302,000.00	32,302,000.00	0.00	0.00	0.00	32,302,000.00	159,227.13	0.00	5.7243800000%
M-2	59020U2Q7	27,286,000.00	27,286,000.00	0.00	0.00	0.00	27,286,000.00	139,670.80	0.00	5.9443800000%
B-1	59020U2R5	16,653,000.00	16,653,000.00	0.00	0.00	0.00	16,653,000.00	94,994.16	0.00	6.6243800000%
B-2	59020U2S3	7,624,000.00	7,624,000.00	0.00	0.00	0.00	7,624,000.00	44,474.56	0.00	6.7743800000%
B-3	59020U2T1	6,420,000.00	6,420,000.00	0.00	0.00	0.00	6,420,000.00	43,255.78	0.00	7.8243800000%
B-4	59020U2U8/U5910EGA6	7,423,000.00	7,423,000.00	0.00	0.00	0.00	7,423,000.00	46,393.75	0.00	7.5000000000%
B-5	59020U2V6/U5910EGB4	7,022,000.00	7,022,000.00	0.00	0.00	0.00	7,022,000.00	43,887.50	0.00	7.5000000000%
C	59020U2X2	19,667,198.96	26,897,872.24	0.00	404,246.95	0.00	26,493,625.29	0.00	(1,062,581.21)	47.4051419126%
R	59020U2W4	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total		401,279,298.96	344,826,655.69	11,857,227.22	404,246.95	0.00	332,565,181.52	1,582,440.92	(1,062,581.21)	
						Total P&I Payment		13,439,668.14		

[1] N denotes notional balance not included in total [2] Accrued Interest plus/minus Interest Adjustment minus Deferred Interest equals Interest Payment

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Bond Payments

Class	CUSIP	Original Face Value [1]	Beginning Certificate Balance	Principal Payment	Current Realized Loss	Deferred Interest	Ending Certificate Balance	Interest Payment [2]	Interest Adjustment	Pass-Through Rate
P	59020U2Y0	0.00	0.00	0.00	0.00	0.00	0.00	108,167.89	108,167.89	N/A
Total		0.00	0.00	0.00	0.00	0.00	0.00	108,167.89	108,167.89	
						Total P&I Payment		108,167.89		

[1] N denotes notional balance not included in total [2] Accrued Interest plus/minus Interest Adjustment minus Deferred Interest equals Interest Payment

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Statement to Certificate Holders (FACTORS)
Bond Payments

Class	CUSIP	Original Face Value	Beginning Certificate Balance *	Principal Payment *	Current Realized Loss *	Deferred Interest *	Ending Certificate Balance *	Interest Payment *	Interest Adjustment*	Next Rate **
A	59020U2N4	276,882,000.00	769.998712267	42.824117205	0.000000000	0.000000000	727.174595062	3.649703628	0.000000000	5.51000000%
M-1	59020U2P9	32,302,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.929327286	0.000000000	5.73000000%
M-2	59020U2Q7	27,286,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.118771531	0.000000000	5.95000000%
B-1	59020U2R5	16,653,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.704327148	0.000000000	6.63000000%
B-2	59020U2S3	7,624,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.833494229	0.000000000	6.78000000%
B-3	59020U2T1	6,420,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	6.737660436	0.000000000	7.83000000%
B-4	59020U2U8/U5910EGA6	7,423,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	6.250000000	0.000000000	Fixed
B-5	59020U2V6/U5910EGB4	7,022,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	6.250000000	0.000000000	Fixed
C	59020U2X2	19,667,198.96	1367.651402455	0.000000000	20.554373341	0.000000000	1347.097029113	0.000000000	(54.028090739)	Fixed
R	59020U2W4	100.00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	N/A

* Per $1,000 of Original Face Value   ** Estimated

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Statement to Certificate Holders (FACTORS)
Bond Payments

Class	CUSIP	Original Face Value	Beginning Certificate Balance *	Principal Payment *	Current Realized Loss *	Deferred Interest *	Ending Certificate Balance *	Interest Payment *	Interest Adjustment*	Next Rate **
P	59020U2Y0	0.00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	N/A

* Per $1,000 of Original Face Value   ** Estimated

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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Cash Reconciliation Summary

Pool Source of Funds

Interest Summary	
Interest Summary	
Scheduled Interest	2,788,255.79
Fees	146,804.26
Remittance Interest	2,641,451.53
Other Interest Proceeds/Shortfalls	
Prepayment Penalties	108,167.89
Other Interest Loss	0.00
Other Interest Proceeds	85.50
Non-advancing Interest	(64.50)
Non-Supported Interest Shortfall	0.00
Relief Act Shortfall	(1,579.99)
Modification Shortfall	0.00
Other Interest Proceeds/Shortfalls	106,608.90
Interest Adjusted	2,748,060.43
Fee Summary	
Total Servicing Fees	143,233.66
Total Trustee Fees	0.00
LPMI Fees	0.00
Credit Manager's Fees	0.00
Unpaid Serv Fees (Charged-off Loans)	0.00
Misc. Fees / Trust Expense	3,570.60
Insurance Premium	0.00
Total Fees	146,804.26

Advances (Principal & Interest)	
Prior Month's Outstanding Advances	5,076,410.15
Current Advances	2,223,752.09
Reimbursement of Prior Advances	4,289,070.00
Outstanding Advances	3,011,094.96

Principal Summary	
Principal Summary	
Scheduled Prin Distribution	246,250.39
Curtailments	93,338.27
Prepayments in Full	10,547,693.04
Liquidation Proceeds	(87,506.10)
Repurchase Proceeds	0.00
Other Principal Proceeds	0.00
Remittance Principal	10,799,775.60

Non-Pool Source of Funds

P&I Due Certificate Holders	13,547,836.03

P&I Advances as of the end of the Due Period do not reflect the amount of advances remitted by the Servicer on the Servicer Remittance Date due to additional proceeds received between the end of the Due Period and the Servicer Remittance Date and netted from the P&I Advances stated as of the end of the Due Period.

LaSalle Bank ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Pool Detail and Performance Indicators Total (All Loans)

Pool Detail

Pool Level Information

Historical	Amount	Count	
Cutt-off Pool Balance	401,279,298.96	8,571	
Cum Scheduled Principal	2,072,489.31		
Cum Unscheduled Principal	63,282,456.06		
Cum Liquidations	3,359,172.07		
Cum Deferred Interest	0.00		
Current	**Amount**	**Count**	**%**
Beginning Pool	344,826,655.69	7,485	85.93%
Scheduled Principal	246,250.39		0.06%
Unscheduled Principal	10,641,031.31	200	2.65%
Deferred Interest	0.00		0.00%
Liquidations	1,374,192.47	24	0.34%
Repurchases	0.00	0	0.00%
Ending Pool	332,565,181.52	7,260	82.88%
Ending Actual Balance	332,743,185.35		
Average Loan Balance	45,807.88		

Current Loss Detail	Amount
Liquidation	1,374,192.47
Realized Loss	1,461,698.57
Realized Loss Adjustment	0.00
Net Liquidation	(87,506.10)

Credit Enhancement	Amount	%
Original OC	19,667,198.96	4.90%
Target OC	32,904,902.51	8.20%
Beginning OC	26,897,872.24	
Ending OC	26,493,625.29	
Most Senior Certificates	213,198,783.45	

Performance Indicators

Factors Impacting Principal Payment Rules

Delinquency Levels	Num	Den	%
3 mo. Rolling Average	10,159,629	343,988,696	2.96%
6 mo. Rolling Average	8,297,863	357,949,102	2.35%
12 mo. Rolling Average	7,145,395	366,576,010	2.00%
Loss Levels	**Amount**	**Count**	
3 mo. Cum Loss	2,564,452.90	52	
6 mo. Cum loss	3,469,040.14	76	
12 mo. Cum Loss	3,525,355.09	77	

Triggers

> Delinquency Trigger Event (2)			NO
Delinquency Event Calc (1)	10,159,628.94	332,565,182	3.05%
> Loss Trigger Event? (3)			NO
Cumulative Loss		3,525,355	0.88%
> Overall Trigger Event?			NO

Step Down Date	
Distribution Count	8
Required Percentage (4)	N/A
Step Down % (5)	31.40%
% of Required Percentage (6)	11.50%
> Step Down Date?	NO
Extra Principal	1,057,451.62
Cumulative Extra Principal	10,286,112.12
OC Release	N/A

Misc/Additional Information

WA Rates/Life

	Fixed	Adj	Overall
WAC - Remit Current	9.23%	N/A	9.23%
WAC - Remit Original	9.26%	N/A	9.26%
WAC - Current	9.70%	N/A	9.70%
WAC - Original	9.76%	N/A	9.76%
WAL - Current	263.58	N/A	263.58
WAL - Original	270.73	N/A	270.73
Current Index Rate			5.324380%
Next Index Rate			5.330000%

Prepayment Charges

	Amount	Count
Current	108,167.89	61
Cumulative	773,342.52	372

Pool Composition

Properties	Balance	%/Score
Cut-off LTV	394,370,856.80	98.28%
Cash Out/Refinance	82,437,387.04	20.54%
SFR	292,382,672.26	72.86%
Owner Occupied	386,675,108.79	96.36%

	Min	Max	WA
FICO	595	822	674.43

Legend: **(1)** 60 Days+, REO, BK, F/C % **(2)** (1) > (6) * (4), then TRUE **(3)** Condn: Cum Loss > specified thresholds **(4)** Most Senior Certs + OC Amount / Ending Pool Bal **(5)** Defined Benchmark **(6)** Defined Benchmark (Used in Delinq Event Calc)

LaSalle Bank ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Bond Interest Reconciliation

	- - Accrual - -									- - - - - - Recovered - - - - - -		- - - - - Outstanding - - - -		
Class	Method	Days	Opening Balance	Pass-Thru Rate	Accrual Certificate Interest	Total Interest Additions	Total Interest Deductions	Distributable Certificate Interest	Interest Payment Amount	Interest Carry-Forward Amount	Floating Rate Certficate Carry-Over	Interest Carry-Forward Amount	Floating Rate Certficate Carry-Over	Net Cap Rate in Effect Y/N
A	Act/360	31	213,198,783.45	5.504380000%	1,010,537.24	0.00	0.00	1,010,537.24	1,010,537.24	0.00	0.00	0.00	0.00	No
M-1	Act/360	31	32,302,000.00	5.724380000%	159,227.13	0.00	0.00	159,227.13	159,227.13	0.00	0.00	0.00	0.00	No
M-2	Act/360	31	27,286,000.00	5.944380000%	139,670.80	0.00	0.00	139,670.80	139,670.80	0.00	0.00	0.00	0.00	No
B-1	Act/360	31	16,653,000.00	6.624380000%	94,994.16	0.00	0.00	94,994.16	94,994.16	0.00	0.00	0.00	0.00	No
B-2	Act/360	31	7,624,000.00	6.774380000%	44,474.56	0.00	0.00	44,474.56	44,474.56	0.00	0.00	0.00	0.00	No
B-3	Act/360	31	6,420,000.00	7.824380000%	43,255.78	0.00	0.00	43,255.78	43,255.78	0.00	0.00	0.00	0.00	No
B-4	30/360	30	7,423,000.00	7.500000000%	46,393.75	0.00	0.00	46,393.75	46,393.75	0.00	0.00	0.00	0.00	No
B-5	30/360	30	7,022,000.00	7.500000000%	43,887.50	0.00	0.00	43,887.50	43,887.50	0.00	0.00	0.00	0.00	No
C	30/360	30	26,897,872.24	47.405141910%	1,062,581.21	0.00	0.00	3,065,522.36	0.00	0.00	0.00	0.00	0.00	No
R			0.00	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	No
Total			344,826,655.69		2,645,022.13	0.00	0.00	4,647,963.28	1,582,440.92	0.00	0.00	0.00	0.00	

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Bond Interest Reconciliation

				Additions						Deductions		
Class	Record Date	Prior Interest Due Date	Current Interest Due Date	Supplemental Interest Trust	Payments From Cap Contracts	Prepayment Premiums	Interest Carry-Forward	Floating Rate Cartificate Carry-Over	Other Interest Proceeds (1)	Non-Supported Interest Shortfall	Interest Carry-Forward	Floating Rate Cartificate Carry-Over
A	31-Aug-06	25-Aug-06	25-Sep-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-1	31-Aug-06	25-Aug-06	25-Sep-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-2	31-Aug-06	25-Aug-06	25-Sep-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-1	31-Aug-06	25-Aug-06	25-Sep-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-2	31-Aug-06	25-Aug-06	25-Sep-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-3	31-Aug-06	25-Aug-06	25-Sep-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-4	31-Aug-06	1-Aug-06	1-Sep-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-5	31-Aug-06	1-Aug-06	1-Sep-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	31-Aug-06	1-Aug-06	1-Sep-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,062,581.21	0.00
R	31-Aug-06	25-Aug-06	25-Sep-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,062,581.21	0.00

(1) Other Interest Proceeds are additional interest amounts specifically allocated to the bond(s) and used in determining the bonds Distributable Interest.
(2) Interest Carry-Forward Shortfall is unpaid interest with interest thereon.

LaSalle Bank
ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Bond Principal Reconciliation

Class	Original Class Balance	Beginning Class Balance	Scheduled Principal Payment	Unscheduled Principal Payment	Extra Principal Payment	Losses: Prior Loss Reimburs.	Losses: Current Losses	Losses: Cumulative Losses	Losses: Interest on Losses	Ending Class Balance	Rated Final Maturity	Credit Support: Original	Credit Support: Current
A	276,882,000.00	213,198,783.45	246,250.39	10,553,525.21	1,057,451.62	0.00	0.00	0.00	0.00	201,341,556.23	25-Sep-36	31.00%	39.46%
M-1	32,302,000.00	32,302,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32,302,000.00	25-Sep-36	22.95%	29.75%
M-2	27,286,000.00	27,286,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27,286,000.00	25-Sep-36	16.15%	21.54%
B-1	16,653,000.00	16,653,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,653,000.00	25-Sep-36	12.00%	16.53%
B-2	7,624,000.00	7,624,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,624,000.00	25-Sep-36	10.10%	14.24%
B-3	6,420,000.00	6,420,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,420,000.00	25-Sep-36	8.50%	12.31%
B-4	7,423,000.00	7,423,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,423,000.00	25-Sep-36	6.65%	10.08%
B-5	7,022,000.00	7,022,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,022,000.00	25-Sep-36	4.90%	7.97%
C	19,667,198.96	26,897,872.24	0.00	0.00	0.00	0.00	404,246.95	404,246.95	0.00	26,493,625.29	25-Sep-36	N/A	N/A
R	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25-Sep-36	31.00%	N/A
Total	401,279,298.96	344,826,655.69	246,250.39	10,553,525.21	1,057,451.62	0.00	404,246.95	404,246.95	0.00	332,565,181.52			

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Ratings Information

		Original Ratings				Ratings Change / Change Date [1]			
Class	CUSIP	Fitch	Moody's	DBRS	S&P	Fitch	Moody's	DBRS	S&P
A	59020U2N4	NR	Aaa	NR	AAA				
M-1	59020U2P9	NR	Aa2	NR	AA				
M-2	59020U2Q7	NR	A2	NR	A+				
B-1	59020U2R5	NR	Baa1	NR	BBB+				
B-2	59020U2S3	NR	Baa2	NR	BBB				
B-3	59020U2T1	NR	Baa3	NR	BBB-				
B-4	59020U2U8	NR	Ba1	NR	BB+				
B-5	59020U2V6	NR	Ba2	NR	BB+				
C	59020U2X2	NR	NR	NR	NR				
P	59020U2Y0	NR	NR	NR	NR				
R	59020U2W4	NR	NR	NR	AAA				

NR - Designates that the class was not rated by the rating agency.

[1] Changed ratings provided on this report are based on information provided by the applicable rating agency via electronic transmission. It shall be understood that this transmission will generally have been provided to LaSalle within 30 days of the payment date listed on this statement. Because ratings may have changed during the 30 day window, or may not be being provided by the rating agency in an electronic format and therefore not being updated on this report, LaSalle recommends that investors obtain current rating information directly from the rating agency.

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part I (as of Cut-Off)

Distribution Date	Current		Delinq 1 Month		Delinq 2 Months		Delinq 3+ Months		Bankruptcy		Foreclosure		REO	
	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance
	Total (All Loans)													
25-Sep-06	6,867	315,012,991	153	6,613,861	66	2,968,559	105	4,581,109	46	1,828,277	20	1,415,454	3	144,931
25-Aug-06	7,105	327,634,234	150	6,243,362	67	3,231,715	99	4,514,884	42	1,719,270	20	1,424,603	2	58,586
25-Jul-06	7,350	339,644,832	149	6,337,922	49	2,450,212	88	3,826,827	29	1,093,631	18	1,220,828	0	0
26-Jun-06	7,574	349,482,351	115	5,418,719	54	2,450,852	79	3,587,814	26	992,327	12	723,271	0	0
25-May-06	7,790	361,666,362	107	4,564,666	47	2,214,330	67	3,055,332	25	956,257	5	274,860	0	0
25-Apr-06	7,992	371,528,911	87	3,759,220	34	1,698,231	55	2,437,004	22	776,352	3	141,665	0	0
27-Mar-06	8,158	380,766,459	92	4,159,488	36	1,529,441	36	1,584,279	29	1,058,447	0	0	0	0
27-Feb-06	8,297	388,470,822	94	4,140,717	46	2,034,430	4	146,304	30	1,023,080	0	0	0	0

	Total (All Loans)													
25-Sep-06	94.59%	94.72%	2.11%	1.99%	0.91%	0.89%	1.45%	1.38%	0.63%	0.55%	0.28%	0.43%	0.04%	0.04%
25-Aug-06	94.92%	95.01%	2.00%	1.81%	0.90%	0.94%	1.32%	1.31%	0.56%	0.50%	0.27%	0.41%	0.03%	0.02%
25-Jul-06	95.67%	95.79%	1.94%	1.79%	0.64%	0.69%	1.15%	1.08%	0.38%	0.31%	0.23%	0.34%	0.00%	0.00%
26-Jun-06	96.36%	96.37%	1.46%	1.49%	0.69%	0.68%	1.01%	0.99%	0.33%	0.27%	0.15%	0.20%	0.00%	0.00%
25-May-06	96.88%	97.03%	1.33%	1.22%	0.58%	0.59%	0.83%	0.82%	0.31%	0.26%	0.06%	0.07%	0.00%	0.00%
25-Apr-06	97.55%	97.68%	1.06%	0.99%	0.41%	0.45%	0.67%	0.64%	0.27%	0.20%	0.04%	0.04%	0.00%	0.00%
27-Mar-06	97.69%	97.86%	1.10%	1.07%	0.43%	0.39%	0.43%	0.41%	0.35%	0.27%	0.00%	0.00%	0.00%	0.00%
27-Feb-06	97.95%	98.14%	1.11%	1.05%	0.54%	0.51%	0.05%	0.04%	0.35%	0.26%	0.00%	0.00%	0.00%	0.00%

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part II (as of Cut-Off)

Distribution Date	In Foreclosure and Delinquent								In REO and Delinquent								In Bankruptcy and Delinquent							
	Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days	
	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance
Total (All Loans)																								
25-Sep-06	0	0	0	0	0	0	20	1,415,454	0	0	0	0	0	0	3	144,931	16	575,624	7	251,164	3	67,549	20	933,940
25-Aug-06	1	51,174	0	0	0	0	19	1,373,429	0	0	0	0	0	0	2	58,586	23	870,267	2	49,523	3	170,362	14	629,118
25-Jul-06	0	0	0	0	0	0	18	1,220,828	0	0	0	0	0	0	0	0	18	626,327	1	43,183	2	74,320	8	349,801
26-Jun-06	0	0	0	0	0	0	12	723,271	0	0	0	0	0	0	0	0	17	622,901	2	68,395	1	32,431	6	268,600
25-May-06	0	0	0	0	0	0	5	274,860	0	0	0	0	0	0	0	0	15	600,785	4	112,676	2	56,128	4	186,667
25-Apr-06	2	115,344	0	0	0	0	1	26,321	0	0	0	0	0	0	0	0	18	623,485	1	20,291	1	28,246	2	104,329
27-Mar-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	865,783	0	0	3	129,026	1	63,638
27-Feb-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	930,238	3	92,842	0	0	0	0

Total (All Loans)

25-Sep-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.28%	0.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%	0.04%	0.22%	0.17%	0.10%	0.08%	0.04%	0.02%	0.28%	0.28%
25-Aug-06	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.25%	0.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%	0.02%	0.31%	0.25%	0.03%	0.01%	0.04%	0.05%	0.19%	0.18%
25-Jul-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.23%	0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.23%	0.18%	0.01%	0.01%	0.03%	0.02%	0.10%	0.10%
26-Jun-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.15%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.22%	0.17%	0.03%	0.02%	0.01%	0.01%	0.08%	0.07%
25-May-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.06%	0.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%	0.16%	0.05%	0.03%	0.02%	0.02%	0.05%	0.05%
25-Apr-06	0.00%	0.03%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.22%	0.16%	0.01%	0.01%	0.01%	0.01%	0.02%	0.03%
27-Mar-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.30%	0.22%	0.00%	0.00%	0.04%	0.03%	0.01%	0.02%
27-Feb-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.32%	0.24%	0.04%	0.02%	0.00%	0.00%	0.00%	0.00%

LaSalle Bank
ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

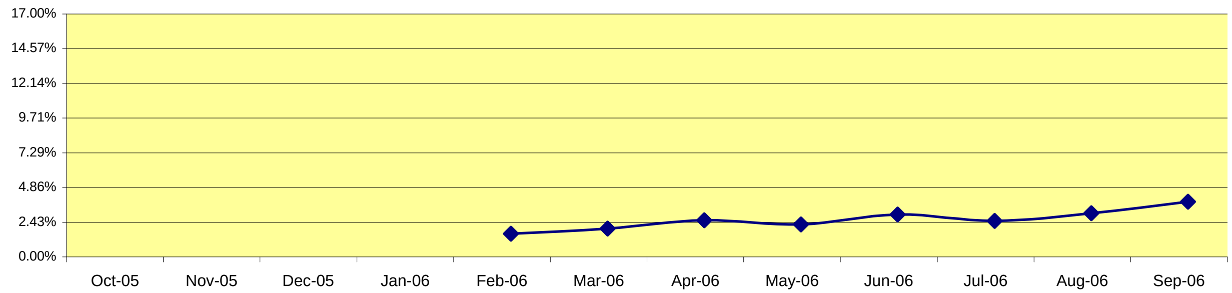
Distribution Date: 25-Sep-06
Asset-Backed Facts ~ 15 Month Historical Payoff/Loss Summary

Distribution Date	Ending Pool #	Ending Pool Balance	Payoffs #	Payoffs Balance	Insurance Proceeds	Substitution Proceeds	Liquidation Proceeds	Realized Losses #	Realized Losses Amount	Remaining Term Life	Curr Weighted Avg. Coupon	Curr Weighted Avg. Remit
Total (All Loans)												
25-Sep-06	7,260	332,565,182	200	10,547,693	0.00	0.00	(87,506.10)	24	1,461,699	265	9.70%	9.20%
25-Aug-06	7,485	344,826,656	186	8,973,964	0.00	0.00	(17,095.51)	12	461,199	266	9.72%	9.22%
25-Jul-06	7,683	354,574,252	161	7,146,773	0.00	0.00	(35,032.43)	16	641,556	267	9.75%	9.25%
26-Jun-06	7,860	362,655,334	167	9,135,833	0.00	0.00	(25,910.91)	14	538,634	269	9.75%	9.25%
25-May-06	8,041	372,731,807	140	6,817,616	0.00	0.00	703.99	10	365,953	270	9.75%	9.25%
25-Apr-06	8,193	380,341,383	159	8,536,326	0.00	0.00	0.00	0	0	271	9.75%	9.26%
27-Mar-06	8,351	389,098,115	119	6,296,303	0.00	0.00	(1,342.10)	1	56,315	272	9.76%	9.26%
27-Feb-06	8,471	395,815,354	100	5,060,426	0.00	0.00	0.00	0	0	273	9.76%	9.26%

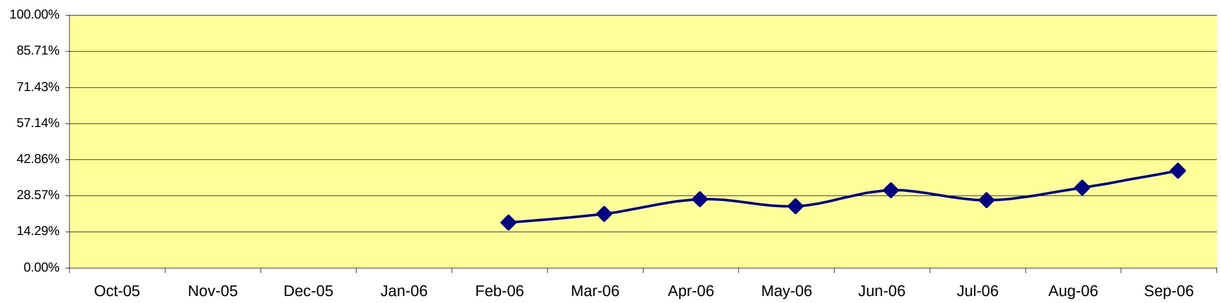
Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Prepayment Summary

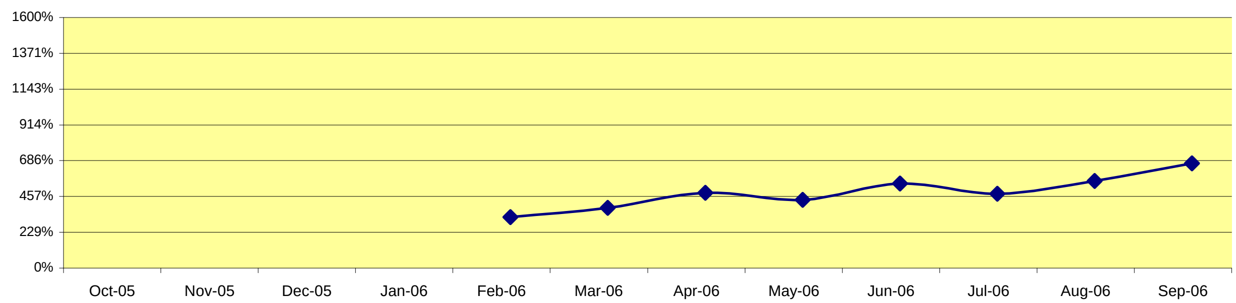
SMM (Single Monthly Mortality)	**Total**
Current Period	3.49%
3-Month Average	2.78%
6-Month Average	2.51%
12-Month Average	2.24%
Average Since Cut-Off	2.24%



CPR (Conditional Prepayment Rate)	**Total**
Current Period	34.68%
3-Month Average	28.57%
6-Month Average	26.13%
12-Month Average	23.57%
Average Since Cut-Off	23.57%



PSA (Public Securities Association)	**Total**
Current Period	578%
3-Month Average	476%
6-Month Average	435%
12-Month Average	393%
Average Since Cut-Off	393%



SMM	Single Monthly Mortality	(Partial and Full Prepayments + Repurchases + Liquidations + Other Principal Proceeds) / (Beginning Collateral Balance - Scheduled Principal)
CPR	Conditional Prepayment Rate	1 - (1 - SMM)^12)
PSA	Public Securities Association	100 * CPR / (0.2 * MIN(30,WAS))
WAS	Weighted Average Seasoning	(Original Term - Remaining Term) * (Current Scheduled Balance / Deal Scheduled Principal Balance)

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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Current Period Realized Loss Detail

Disclosure Control #	Period	Original Liquidation Balance	Net Liquidation Proceeds	Loss-Loan Non-adjusted	Loss to Trust	Loss-Certs Non-adjusted	Subsequent Recov/(Exp)	Loss-Loan Adjusted	Loss-Certs Adjusted	Liq Type	Adj Type
1179397	200609	164,158.88	(7,210.57)	164,158.88	7,210.57	171,369.45	0.00	164,158.88	171,369.45	C	
1609504	200609	132,761.17	(8,611.21)	132,761.17	8,611.21	141,372.38	0.00	132,761.17	141,372.38	C	
1252236	200609	121,931.67	(8,574.60)	121,931.67	8,574.60	130,506.27	0.00	121,931.67	130,506.27	C	
1401007	200609	100,323.96	(6,699.62)	100,323.96	6,699.62	107,023.58	0.00	100,323.96	107,023.58	C	
1093260	200609	100,134.45	(5,762.50)	100,134.45	5,762.50	105,896.95	0.00	100,134.45	105,896.95	C	
1439448	200609	100,048.22	(5,613.04)	100,048.22	5,613.04	105,661.26	0.00	100,048.22	105,661.26	C	
1165747	200609	93,576.04	(5,735.23)	93,576.04	5,735.23	99,311.27	0.00	93,576.04	99,311.27	C	
1260017	200609	68,699.27	(3,338.44)	68,699.27	3,338.44	72,037.71	0.00	68,699.27	72,037.71	C	
1080309	200609	42,803.57	(2,210.34)	42,803.57	2,210.34	45,013.91	0.00	42,803.57	45,013.91	C	
402892	200609	41,253.05	(3,651.52)	41,253.05	3,651.52	44,904.57	0.00	41,253.05	44,904.57	C	
1248417	200609	40,532.31	(3,331.78)	40,532.31	3,331.78	43,864.09	0.00	40,532.31	43,864.09	C	
1250148	200609	34,625.81	(2,460.62)	34,625.81	2,460.62	37,086.43	0.00	34,625.81	37,086.43	C	
1080336	200609	34,406.06	(2,625.65)	34,406.06	2,625.65	37,031.71	0.00	34,406.06	37,031.71	C	
1080523	200609	34,231.44	(2,706.87)	34,231.44	2,706.87	36,938.31	0.00	34,231.44	36,938.31	C	
1248211	200609	31,710.21	(2,377.35)	31,710.21	2,377.35	34,087.56	0.00	31,710.21	34,087.56	C	
1084192	200609	30,362.68	(2,184.58)	30,362.68	2,184.58	32,547.26	0.00	30,362.68	32,547.26	C	
1071512	200609	29,840.92	(2,064.45)	29,840.92	2,064.45	31,905.37	0.00	29,840.92	31,905.37	C	
1247072	200609	29,828.90	(1,869.97)	29,828.90	1,869.97	31,698.87	0.00	29,828.90	31,698.87	C	
402598	200609	29,066.63	(1,856.63)	29,066.63	1,856.63	30,923.26	0.00	29,066.63	30,923.26	C	
1248145	200609	29,065.20	(2,087.98)	29,065.20	2,087.98	31,153.18	0.00	29,065.20	31,153.18	C	
1076807	200609	26,447.34	(2,132.53)	26,447.34	2,132.53	28,579.87	0.00	26,447.34	28,579.87	C	
1249339	200609	20,705.39	(1,551.43)	20,705.39	1,551.43	22,256.82	0.00	20,705.39	22,256.82	C	
1091734	200609	19,071.75	(1,478.25)	19,071.75	1,478.25	20,550.00	0.00	19,071.75	20,550.00	C	
402882	200609	18,607.55	(1,370.94)	18,607.55	1,370.94	19,978.49	0.00	18,607.55	19,978.49	C	

Liq. Type Code - Legend

Charge-off	C	REO	R
Matured	M	Short Pay	S
Repurchase	N	Third Party	T
Note Sale	O	Write-off	W
Paid in Full	P		

Adjustment Legend

Escrow Bal/Adv	1	Third Party	6
MREC	2	Charged Off/Matured	7
Rest'd Escrow	3	Side Note	8
Replacement Res.	4	Manual	9
Suspense	5		

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Current Period Realized Loss Detail

Disclosure Control #	Period	Original Liquidation Balance	Net Liquidation Proceeds	Loss-Loan Non-adjusted	Loss to Trust	Loss-Certs Non-adjusted	Subsequent Recov/(Exp)	Loss-Loan Adjusted	Loss-Certs Adjusted	Liq Type	Adj Type
Current Total		1,374,192.47	(87,506.10)	1,374,192.47	87,506.10	1,461,698.57	0.00	1,374,192.47	1,461,698.57		
Cumulative		3,359,172.07	(166,183.02)	3,338,162.10	187,192.99	3,525,355.09	0.00	3,338,162.10	3,525,355.09		

Liq. Type Code - Legend				**Adjustment Legend**			
Charge-off	C	REO	R	Escrow Bal/Adv	1	Third Party	6
Matured	M	Short Pay	S	MREC	2	Charged Off/Matured	7
Repurchase	N	Third Party	T	Rest'd Escrow	3	Side Note	8
Note Sale	O	Write-off	W	Replacement Res.	4	Manual	9
Paid in Full	P			Suspense	5		

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

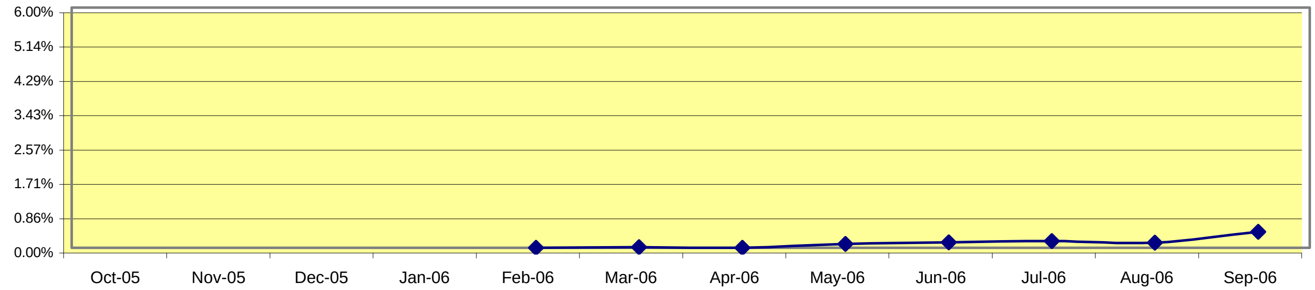
Distribution Date: 25-Sep-06
Historical Realized Loss Summary
Total (All Loans)

Distribution Date	Beginning Scheduled Balance	Net Liquidation Proceeds	Realized Loss	Loan Count	Claims on Prior Liquidations Amount	Claims on Prior Liquidations Count	Recovery on Prior Liquidations Amount	Recovery on Prior Liquidations Count	(Claims)/Recoveries on Prior Payoffs Amount	(Claims)/Recoveries on Prior Payoffs Count	Realized Loss Adjusted	Cumulative Realized Loss
	Current Realized Loss				Previous Liquidations/Payoffs							
25-Sep-06	1,374,192.47	(87,506.10)	1,461,698.57	24	0.00	0	0.00	0	0.00	0	1,461,698.57	3,525,355.09
25-Aug-06	444,103.05	(17,095.51)	461,198.56	12	0.00	0	0.00	0	0.00	0	461,198.56	2,063,656.52
25-Jul-06	606,523.38	(35,032.39)	641,555.77	16	0.00	0	0.00	0	0.00	0	641,555.77	1,602,457.96
26-Jun-06	512,723.39	(25,910.91)	538,634.30	14	0.00	0	0.00	0	0.00	0	538,634.30	960,902.19
25-May-06	366,656.93	703.99	365,952.94	10	0.00	0	0.00	0	0.00	0	365,952.94	422,267.89
25-Apr-06	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	56,314.95
27-Mar-06	54,972.85	(1,342.10)	56,314.95	1	0.00	0	0.00	0	0.00	0	56,314.95	56,314.95
27-Feb-06	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Total	3,359,172.07	(166,183.02)	3,525,355.09	77	0.00	0	0.00	0	0.00	0	3,525,355.09	

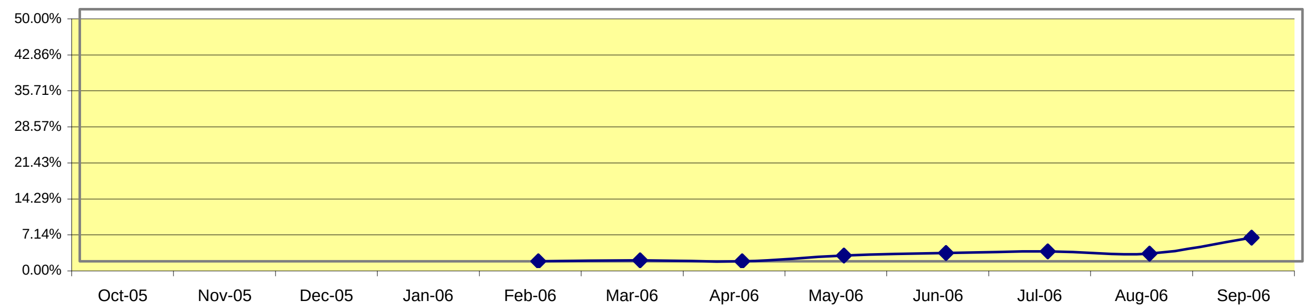
Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Realized Loss Summary

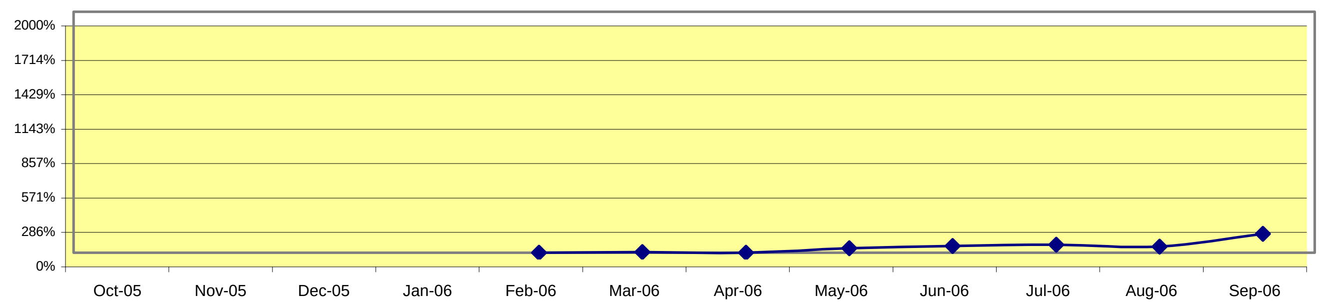
MDR (monthly Default Rate)	**Total**
Current Period	0.40%
3-Month Average	0.23%
6-Month Average	0.15%
12-Month Average	0.08%
Average Since Cut-Off	0.12%



CDR (Conditional Default Rate)	**Total**
Current Period	4.68%
3-Month Average	2.72%
6-Month Average	1.82%
12-Month Average	0.93%
Average Since Cut-Off	1.39%



SDA (Standard Default Assumption)	**Total**
Current Period	155.96%
3-Month Average	90.67%
6-Month Average	60.83%
12-Month Average	30.88%
Average Since Cut-Off	46.31%



MDR	Monthly Default Rate	(Beginning Principal Balance of Liquidated Loans) / (Total Beginning Principal Balance)
CDR	Conditional Default Rate	1 - (1 - MDR)^12
SDA	Standard Default Assumption	If WAS=30 then CDR/(WAS*0.02) else if 30<WAS=60 then CDR/0.6 else if 60<WAS=120 then CDR/(0.6-((WAS-60)*0.0095)) else if WAS>120 then CDR/0.03
WAS	Weighted Average Seasoning	(Original Term - Remaining Term) * (Current Scheduled Balance / Deal Scheduled Principal Balance)

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Servicemembers Civil Relief Act

Disclosure Control #	Beginning Balance	Scheduled Principal	Unscheduled Principal	Ending balance	Loan Rate	P&I Amount	Scheduled Interest	Interest Received	Relief Act Interest Shortfall
1064943	26,432.71	155.16	0.00	26,277.55	11.50%	408.47	253.31	(627.45)	880.76
1159232	26,867.11	108.24	0.00	26,723.23	8.50%	298.55	190.31	(268.12)	458.43
402822	41,179.27	66.69	0.00	40,913.14	9.49%	392.35	325.66	84.86	240.80
Total	94,479.09	330.09	0.00	93,913.92		1,099.37	769.28	(810.71)	1,579.99

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Material Breaches Detail

Disclosure Control #	Loan Group #	Ending Principal Balance	Material Breach Date	Material Breach Description

Material breaches of pool asset representation or warranties or transaction covenants.

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Modified Loan Detail

Disclosure Control #	Loan Group #	Modified Maturity Date	Cutoff Maturity Date	Modification Description

Modifications include any extensions or waivers to the mortgage loan terms, fees, penalties or payments during the preceding calendar month or that have become material over time.

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Sep-06
Collateral Asset Changes

Disclosure Control #	Beginning Principal Balance	Description