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

Distribution Date: 25-Aug-06

ABN AMRO Acct : 723356.1

Payment Date: 25-Aug-06

Prior Payment: 25-Jul-06

Next Payment: 25-Sep-06

Record Date: 31-Jul-06

Distribution Count: 7

Closing Date: 26-Jan-06

First Pay. Date: 27-Feb-06

Rated Final Payment Date: 25-Sep-36

Delinquency Method: OTS

Content:	***Pages***
Statement to Certificate Holders	2-3
Statement to Certificate Holders (Factors)	4-5
Pool/Non-Pool Funds Cash Reconciliation	6
Pool Detail and Performance Indicators	7
Bond Interest Reconciliation Part I	8
Bond Interest Reconciliation Part II	9
Bond Principal Reconciliation	10
Rating Information	11
15 Month Loan Status Summary Part I	12
15 Month Loan Status Summary Part II	13
15 Month Historical Payoff Summary	14
Prepayment Summary	15
Current Period Realized Loss Detail	16
Historical Realized Loss Summary	17
Realized Loss Summary	18
Servicemembers Civil Relief Act	19
Material Breaches Detail	20
Modified Loan Detail	21
Collateral Asset Changes	22

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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

LaSalle Bank
ABN AMRO

Distribution Date: 25-Aug-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	223,632,633.64	10,433,850.19	0.00	0.00	213,198,783.45	1,071,666.22	0.00	5.5650000000%
M-1	59020U2P9	32,302,000.00	32,302,000.00	0.00	0.00	0.00	32,302,000.00	160,913.31	0.00	5.7850000000%
M-2	59020U2Q7	27,286,000.00	27,286,000.00	0.00	0.00	0.00	27,286,000.00	141,095.15	0.00	6.0050000000%
B-1	59020U2R5	16,653,000.00	16,653,000.00	0.00	0.00	0.00	16,653,000.00	95,863.46	0.00	6.6850000000%
B-2	59020U2S3	7,624,000.00	7,624,000.00	0.00	0.00	0.00	7,624,000.00	44,872.53	0.00	6.8350000000%
B-3	59020U2T1	6,420,000.00	6,420,000.00	0.00	0.00	0.00	6,420,000.00	43,590.91	0.00	7.8850000000%
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	26,211,618.60	0.00	0.00	686,253.64	26,897,872.24	0.00	(389,465.83)	49.2477548662%
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	354,574,252.24	10,433,850.19	0.00	686,253.64	344,826,655.69	1,648,282.83	(389,465.83)	
						Total P&I Payment		12,082,133.02		

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

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

Distribution Date: 25-Aug-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	95,231.07	95,231.07	N/A
Total		0.00	0.00	0.00	0.00	0.00	0.00	95,231.07	95,231.07	
						Total P&I Payment		95,231.07		

[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-Aug-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	807.682094322	37.683382054	0.000000000	0.000000000	769.998712267	3.870479916	0.000000000	5.50438000%
M-1	59020U2P9	32,302,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.981527769	0.000000000	5.72438000%
M-2	59020U2Q7	27,286,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.170972293	0.000000000	5.94438000%
B-1	59020U2R5	16,653,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.756527953	0.000000000	6.62438000%
B-2	59020U2S3	7,624,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.885693861	0.000000000	6.77438000%
B-3	59020U2T1	6,420,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	6.789861371	0.000000000	7.82438000%
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	1332.758093987	0.000000000	0.000000000	34.893308467	1367.651402455	0.000000000	(19.802811310)	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

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Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Aug-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-Aug-06
Cash Reconciliation Summary

Pool Source of Funds

Interest Summary		Principal Summary	
Interest Summary		**Principal Summary**	
Scheduled Interest	2,871,442.35	Scheduled Prin Distribution	251,508.55
Fees	149,170.66	Curtailments	78,020.57
Remittance Interest	2,722,271.69	Prepayments in Full	8,973,964.38
Other Interest Proceeds/Shortfalls		Liquidation Proceeds	(17,095.51)
Prepayment Penalties	95,231.07	Repurchase Proceeds	0.00
Other Interest Loss	0.00	Other Principal Proceeds	65,669.33
Other Interest Proceeds	7,990.50	**Remittance Principal**	9,352,067.32
Non-advancing Interest	(20.50)		
Non-Supported Interest Shortfall	0.00		
Relief Act Shortfall	(176.00)		
Modification Shortfall	0.00		
Other Interest Proceeds/Shortfalls	103,025.07		
Interest Adjusted	2,825,296.76		
Fee Summary			
Total Servicing Fees	147,440.06		
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	1,730.60		
Insurance Premium	0.00		
Total Fees	149,170.66		

Advances (Principal & Interest)	
Prior Month's Outstanding Advances	3,041,948.07
Current Advances	2,292,492.46
Reimbursement of Prior Advances	258,030.00
Outstanding Advances	5,076,410.15

Non-Pool Source of Funds

P&I Due Certificate Holders	12,177,364.08

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.

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

Distribution Date: 25-Aug-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	1,826,238.92		
Cum Unscheduled Principal	52,641,424.75		
Cum Liquidations	1,984,979.60		
Cum Deferred Interest	0.00		
Current	**Amount**	**Count**	**%**
Beginning Pool	354,574,252.24	7,683	88.36%
Scheduled Principal	251,508.55		0.06%
Unscheduled Principal	9,051,984.95	186	2.26%
Deferred Interest	0.00		0.00%
Liquidations	444,103.05	12	0.11%
Repurchases	0.00	0	0.00%
Ending Pool	344,826,655.69	7,485	85.93%
Ending Actual Balance	345,442,694.05		
Average Loan Balance	46,069.03		

Current Loss Detail	**Amount**
Liquidation	444,103.05
Realized Loss	461,198.56
Realized Loss Adjustment	0.00
Net Liquidation	(17,095.51)

Credit Enhancement	**Amount**	**%**
Original OC	19,667,198.96	4.90%
Target OC	32,904,902.51	8.20%
Beginning OC	26,211,618.60	
Ending OC	26,897,872.24	
Most Senior Certificates	223,632,633.64	

Performance Indicators

Factors Impacting Principal Payment Rules

Delinquency Levels	**Num**	**Den**	**%**
3 mo. Rolling Average	9,098,274	354,018,747	2.58%
6 mo. Rolling Average	7,170,170	367,371,258	1.98%
12 mo. Rolling Average	6,603,548	371,434,700	1.81%
Loss Levels	**Amount**	**Count**	
3 mo. Cum Loss	1,641,388.63	42	
6 mo. Cum loss	2,063,656.52	53	
12 mo. Cum Loss	2,063,656.52	53	

Triggers

> Delinquency Trigger Event [(2)]			NO
Delinquency Event Calc [(1)]	9,098,273.72	344,826,656	2.64%
> Loss Trigger Event? [(3)]			NO
Cumulative Loss		2,063,657	0.51%
> Overall Trigger Event?			NO
Step Down Date			
Distribution Count	7		
Required Percentage[(4)]	N/A		
Step Down % [(5)]	31.40%		
% of Required Percentage [(6)]	11.50%		
> Step Down Date?			NO
Extra Principal	0.00		
Cumulative Extra Principal	9,228,660.50		
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	9.71%	N/A	9.71%
WAC - Original	9.76%	N/A	9.76%
WAL - Current	264.51	N/A	264.51
WAL - Original	270.73	N/A	270.73

Current Index Rate	5.385000%
Next Index Rate	5.324380%

Prepayment Charges

	Amount	**Count**
Current	95,231.07	50
Cumulative	665,174.63	311

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	674.35

Legend: **(1)** 60 Days+, REO, BK, F/C % **(3)** Condn: Cum Loss > specified thresholds **(5)** Defined Benchmark
(2) (1) > (6) * (4), then TRUE **(4)** Most Senior Certs + OC Amount / Ending Pool Bal **(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-Aug-06
Bond Interest Reconciliation

Class	- - Accrual - - Method	Days	Opening Balance	Pass-Thru Rate	Accrual Certificate Interest	Total Interest Additions	Total Interest Deductions	Distributable Certificate Interest	Interest Payment Amount	- - Recovered - - Interest Carry-Forward Amount	- - Recovered - - Floating Rate Certficate Carry-Over	- - Outstanding - - Interest Carry-Forward Amount	- - Outstanding - - Floating Rate Certficate Carry-Over	Net Cap Rate in Effect Y/N
A	Act/360	31	223,632,633.64	5.565000000%	1,071,666.22	0.00	0.00	1,071,666.22	1,071,666.22	0.00	0.00	0.00	0.00	No
M-1	Act/360	31	32,302,000.00	5.785000000%	160,913.31	0.00	0.00	160,913.31	160,913.31	0.00	0.00	0.00	0.00	No
M-2	Act/360	31	27,286,000.00	6.005000000%	141,095.15	0.00	0.00	141,095.15	141,095.15	0.00	0.00	0.00	0.00	No
B-1	Act/360	31	16,653,000.00	6.685000000%	95,863.46	0.00	0.00	95,863.46	95,863.46	0.00	0.00	0.00	0.00	No
B-2	Act/360	31	7,624,000.00	6.835000000%	44,872.53	0.00	0.00	44,872.53	44,872.53	0.00	0.00	0.00	0.00	No
B-3	Act/360	31	6,420,000.00	7.885000000%	43,590.91	0.00	0.00	43,590.91	43,590.91	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	26,211,618.60	49.247754870%	1,075,719.47	1,613,475.32	389,465.83	2,002,941.15	0.00	0.00	0.00	2,002,941.15	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			354,574,252.24		2,724,002.30	1,613,475.32	389,465.83	3,651,223.98	1,648,282.83	0.00	0.00	2,002,941.15	0.00	

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

Distribution Date: 25-Aug-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-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-1	31-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-2	31-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-1	31-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-2	31-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-3	31-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-4	31-Jul-06	1-Jul-06	1-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-5	31-Jul-06	1-Jul-06	1-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	31-Jul-06	1-Jul-06	1-Aug-06	0.00	0.00	0.00	1,613,475.32	0.00	0.00	0.00	389,465.83	0.00
R	31-Jul-06	25-Jul-06	25-Aug-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	1,613,475.32	0.00	0.00	0.00	389,465.83	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.

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

Distribution Date: 25-Aug-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	223,632,633.64	251,508.55	9,100,558.77	1,081,782.87	0.00	0.00	0.00	0.00	213,198,783.45	25-Sep-36	31.00%	38.17%
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%	28.80%
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%	20.89%
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%	16.06%
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%	13.85%
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%	11.99%
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%	9.84%
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%	7.80%
C	19,667,198.96	26,211,618.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,897,872.24	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	354,574,252.24	251,508.55	9,100,558.77	1,081,782.87	0.00	0.00	0.00	0.00	344,826,655.69			

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

Distribution Date: 25-Aug-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.

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

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

Distribution	Current		Delinq 1 Month		Delinq 2 Months		Delinq 3+ Months		Bankruptcy		Foreclosure		REO	
Date	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance
Total (All Loans)														
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-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%

Delinquency Balances are Exclusive of REO, Foreclosures and Bankruptcies.

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

Distribution Date: 25-Aug-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-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-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%

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

Distribution Date: 25-Aug-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-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%

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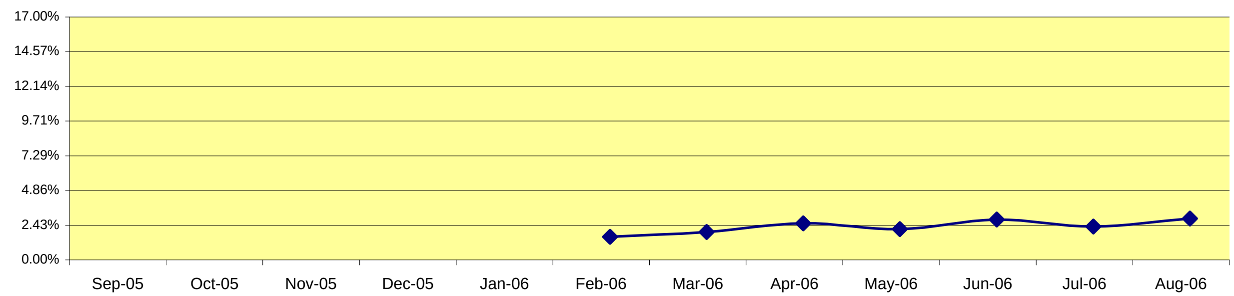
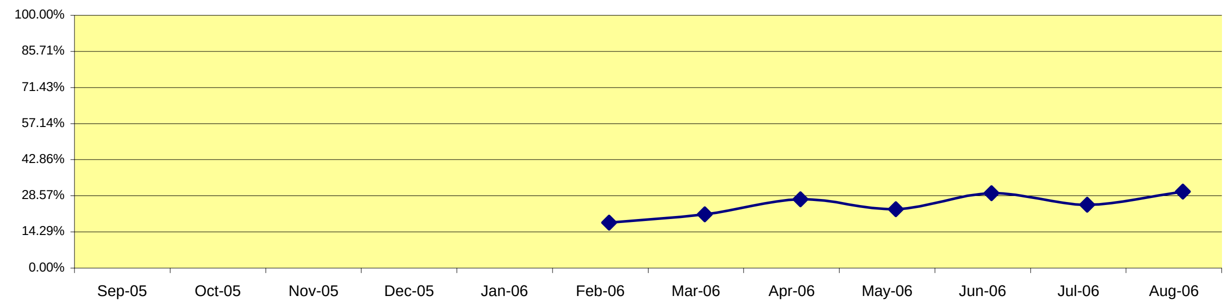
Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Aug-06
Prepayment Summary

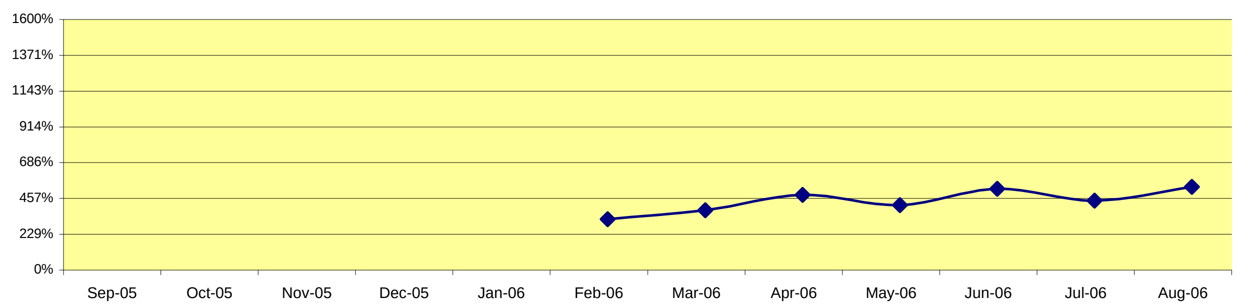
SMM (Single Monthly Mortality)	Total
Current Period	2.53%
3-Month Average	2.32%
6-Month Average	2.09%
12-Month Average	1.97%
Average Since Cut-Off	1.97%



CPR (Conditional Prepayment Rate)	Total
Current Period	26.50%
3-Month Average	24.51%
6-Month Average	22.32%
12-Month Average	21.15%
Average Since Cut-Off	21.15%



PSA (Public Securities Association)	Total
Current Period	442%
3-Month Average	408%
6-Month Average	372%
12-Month Average	353%
Average Since Cut-Off	353%



SMM	Single Monthly Mortality	(Partial and Full Prepayments + Repurchases + Liquidations) / (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)

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

LaSalle Bank
ABN AMRO

Distribution Date: 25-Aug-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
1608383	200608	122,541.88	(5,966.01)	122,541.88	5,966.01	128,507.89	0.00	122,541.88	128,507.89	C	
1167536	200608	60,399.05	(3,235.24)	60,399.05	3,235.24	63,634.29	0.00	60,399.05	63,634.29	C	
1068400	200608	49,152.77	(2,817.87)	49,152.77	2,817.87	51,970.64	0.00	49,152.77	51,970.64	C	
1612634	200608	28,865.55	(1,638.71)	28,865.55	1,638.71	30,504.26	0.00	28,865.55	30,504.26	C	
402838	200608	28,649.78	7,460.58	21,189.20	0.00	21,189.20	0.00	21,189.20	21,189.20	C	
1165578	200608	26,999.85	(1,925.17)	26,999.85	1,925.17	28,925.02	0.00	26,999.85	28,925.02	C	
1394275	200608	24,906.91	(1,557.73)	24,906.91	1,557.73	26,464.64	0.00	24,906.91	26,464.64	C	
1258528	200608	23,888.88	(1,709.97)	23,888.88	1,709.97	25,598.85	0.00	23,888.88	25,598.85	C	
1103673	200608	23,288.34	(1,632.70)	23,288.34	1,632.70	24,921.04	0.00	23,288.34	24,921.04	C	
1075565	200608	18,914.49	(1,395.02)	18,914.49	1,395.02	20,309.51	0.00	18,914.49	20,309.51	C	
1063320	200608	18,298.13	(1,346.81)	18,298.13	1,346.81	19,644.94	0.00	18,298.13	19,644.94	C	
402992	200608	18,197.42	(1,330.86)	18,197.42	1,330.86	19,528.28	0.00	18,197.42	19,528.28	C	
Current Total		444,103.05	(17,095.51)	436,642.47	24,556.09	461,198.56	0.00	436,642.47	461,198.56		
Cumulative		1,984,979.60	(78,676.92)	1,963,969.63	99,686.89	2,063,656.52	0.00	1,963,969.63	2,063,656.52		

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		

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

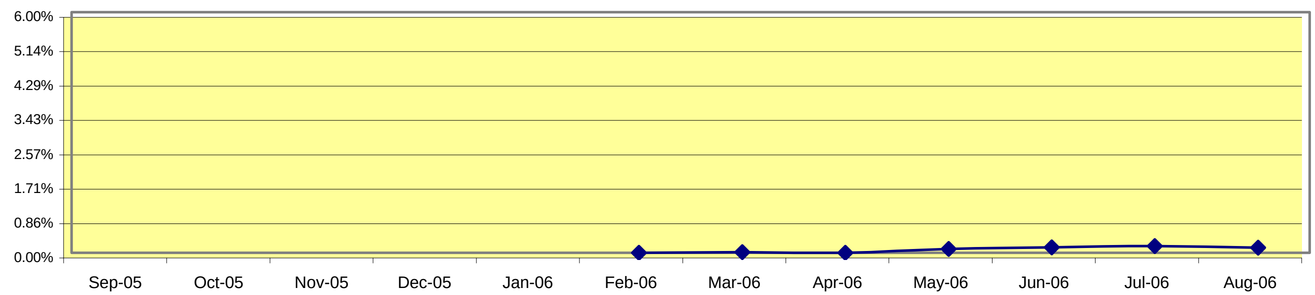
Distribution Date: 25-Aug-06
Historical Realized Loss Summary
Total (All Loans)

	Current Realized Loss				Previous Liquidations/Payoffs							
Distribution Date	Beginning Scheduled Balance	Net Liquidation Proceeds	Realized Loss	Loan Count	Claims on Prior Liquidations		Recovery on Prior Liquidations		(Claims)/Recoveries on Prior Payoffs		Realized Loss Adjusted	Cumulative Realized Loss
					Amount	Count	Amount	Count	Amount	Count		
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	1,984,979.60	(78,676.92)	2,063,656.52	53	0.00	0	0.00	0	0.00	0	2,063,656.52	

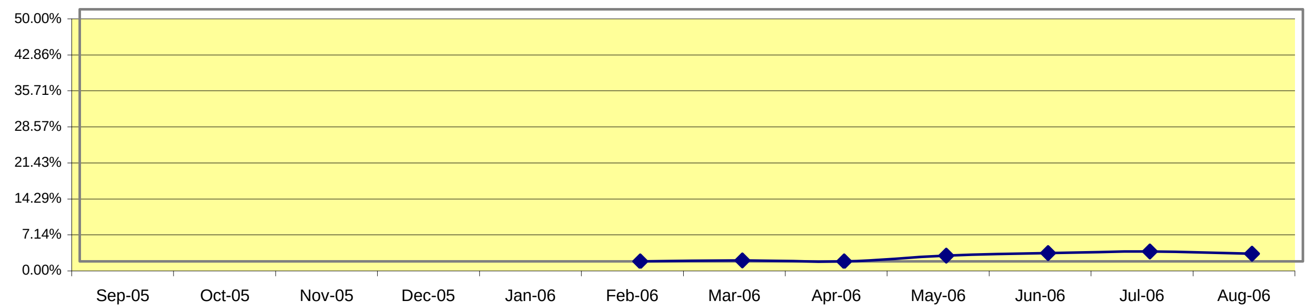
Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Aug-06
Realized Loss Summary

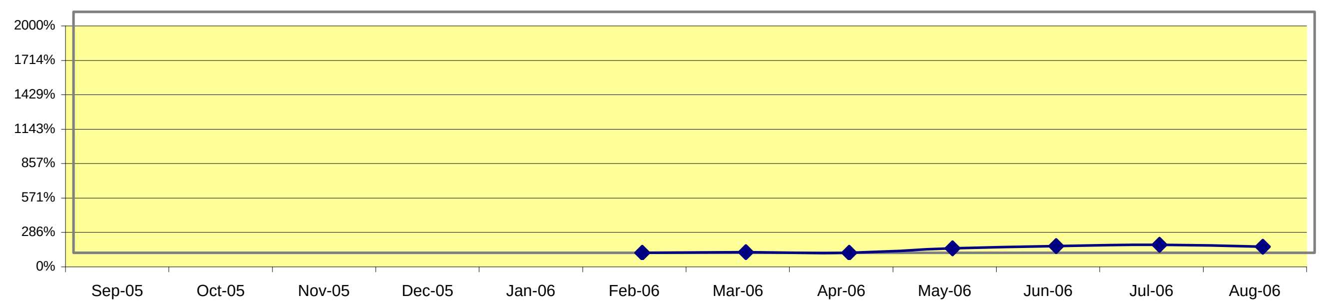
MDR (monthly Default Rate)	Total
Current Period	0.13%
3-Month Average	0.14%
6-Month Average	0.09%
12-Month Average	0.05%
Average Since Cut-Off	0.08%



CDR (Conditional Default Rate)	Total
Current Period	1.49%
3-Month Average	1.71%
6-Month Average	1.07%
12-Month Average	0.54%
Average Since Cut-Off	0.92%



SDA (Standard Default Assumption)	Total
Current Period	49.76%
3-Month Average	56.88%
6-Month Average	35.76%
12-Month Average	17.88%
Average Since Cut-Off	30.65%



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)

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

Distribution Date: 25-Aug-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
1159232	26,932.45	29.70	0.00	26,867.11	8.50%	220.47	190.77	134.66	56.11
402822	41,223.25	43.98	0.00	41,179.27	9.49%	369.99	326.01	206.12	119.89
Total	68,155.70	73.68	0.00	68,046.38		590.46	516.78	340.78	176.00

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

Distribution Date: 25-Aug-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-Aug-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.

Distribution Date: 25-Aug-06

Collateral Asset Changes

Disclosure Control #	Beginning Principal Balance	Description