LaSalle Bank
ABN AMRO

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

Distribution Date: 27-Feb-06

ABN AMRO Acct : 723356.1

Payment Date:
27-Feb-06

Prior Payment:

Next Payment:
27-Mar-06

Record Date:
31-Jan-06

Distribution Count:
1

Closing Date:
26-Jan-06

First Pay. Date:
27-Feb-06

Rated Final Payment Date:
25-Sep-36

Determination Date:
15-Feb-06

Content:	***Pages***

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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: 27-Feb-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	276,882,000.00	6,877,418.79	0.00	0.00	270,004,581.21	1,160,135.58	0.00	4.7137500000%
M-1	59020U2P9	32,302,000.00	32,302,000.00	0.00	0.00	0.00	32,302,000.00	141,662.22	0.00	4.9337500000%
M-2	59020U2Q7	27,286,000.00	27,286,000.00	0.00	0.00	0.00	27,286,000.00	125,000.20	0.00	5.1537500000%
B-1	59020U2R5	16,653,000.00	16,653,000.00	0.00	0.00	0.00	16,653,000.00	86,355.06	0.00	5.8337500000%
B-2	59020U2S3	7,624,000.00	7,624,000.00	0.00	0.00	0.00	7,624,000.00	40,551.21	0.00	5.9837500000%
B-3	59020U2T1	6,420,000.00	6,420,000.00	0.00	0.00	0.00	6,420,000.00	40,139.27	0.00	7.0337500000%
B-4	59020U2U8	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	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	19,667,198.96	0.00	0.00	1,413,573.82	21,080,772.78	0.00	(132.00)	N/A
R	59020U2W4	100.00	100.00	100.00	0.00	0.00	0.00	0.42	0.00	4.7137500000%
Total		401,279,298.96	401,279,298.96	6,877,518.79	0.00	1,413,573.82	395,815,353.99	1,684,125.21	(132.00)	

Total P&I Payment 8,561,644.00

LaSalle Bank
ABN AMRO

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

Distribution Date: 27-Feb-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	70,120.60	70,120.60	N/A
Total		0.00	0.00	0.00	0.00	0.00	0.00	70,120.60	70,120.60	
						Total P&I Payment		70,120.60		

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

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

Distribution Date: 27-Feb-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	1000.000000000	24.838807831	0.000000000	0.000000000	975.161192169	4.190000000	0.000000000	4.76063000%
M-1	59020U2P9	32,302,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.385555693	0.000000000	4.98063000%
M-2	59020U2Q7	27,286,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.581111193	0.000000000	5.20063000%
B-1	59020U2R5	16,653,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.185555756	0.000000000	5.88063000%
B-2	59020U2S3	7,624,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.318889035	0.000000000	6.03063000%
B-3	59020U2T1	6,420,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	6.252222741	0.000000000	7.08063000%
B-4	59020U2U8	7,423,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	6.250000000	0.000000000	Fixed
B-5	59020U2V6	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	1000.000000000	0.000000000	0.000000000	71.874689572	1071.874689572	0.000000000	(0.006711683)	N/A
R	59020U2W4	100.00	1000.000000000	1000.000000000	0.000000000	0.000000000	0.000000000	4.200000000	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: 27-Feb-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

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

Distribution Date: 27-Feb-06
Cash Reconciliation Summary

		Total
Interest Summary		
Scheduled Interest	3,265,030.72	3,265,030.72
Fees	0.00	0.00
Remittance Interest	3,265,030.72	3,265,030.72
Other Interest Proceeds		
Prepayment Penalties	70,120.60	70,120.60
Other Interest Loss	132.00	132.00
Other Interest Proceeds	0.00	0.00
Other Interest Proceeds	69,988.60	69,988.60
Principal Summary		
Scheduled Principal Distribution	270,807.53	270,807.53
Curtailments	132,501.07	132,501.07
Prepayments in Full	5,060,636.37	5,060,636.37
Liquidation Proceeds	0.00	0.00
Repurchase Proceeds	0.00	0.00
Other Principal Proceeds	0.00	0.00
Less Mod Losses	0.00	0.00
Remittance Principal	5,463,944.97	5,463,944.97
Fee Summary		
Total Servicing Fees	166,563.01	166,563.01
Total Trustee Fees	0.00	0.00
LPMI Fees	0.00	0.00
Total Fees	166,563.01	166,563.01

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

Distribution Date: 27-Feb-06
Cash Reconciliation Summary

Pool Source of Funds

Interest Summary

Interest Summary	
Scheduled Interest	3,265,030.72
Fees	0.00
Remittance Interest	3,265,030.72
Fee Summary	
Total Servicing Fees	166,563.01
Total Trustee Fees	0.00
LPMI Fees	0.00
Credit Manager's Fees	0.00
Misc. Fees / Trust Expense	0.00
Total Fees	166,563.01
Outstanding Advances (P&I)	2,873,688.33
Current Advances (P&I)	2,571,584.10
Recovered Advances (P&I)	N/A

Principal Summary

Principal Summary	
Scheduled Prin Distribution	270,807.53
Curtailments	132,501.07
Prepayments in Full	5,060,636.37
Liquidation Proceeds	0.00
Repurchase Proceeds	0.00
Other Principal Proceeds	0.00
Remittance Princpal	5,463,944.97

Non-Pool Source of Funds

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.

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

Distribution Date: 27-Feb-06
Pool Detail and Performance Indicators

Pool Detail

Pool Level Information

Historical	Amount	Count	%
Original Pool Balance	401,279,298.96	8,571	
Cum Scheduled Principal	270,807.53		
Cum Unscheduled Principal	5,193,137.44		
Cum Realized Loss	0.00		
Cum Extra Principal	0.00		
Cum Deferred Interest	0.00		
Current			
Beginning Pool	401,279,298.96	8,571	100.00%
Scheduled Principal	270,807.53		0.07%
Unscheduled Principal	5,193,137.44	100	1.29%
Deferred Interest	0.00		0.00%
Liquidations	0.00	0	0.00%
Repurchases	0.00	0	0.00%
Ending Pool	395,815,353.99	8,471	98.64%
Current Loss Detail			
Liquidation	0.00		
Realized Loss	0.00		
Realized Loss Adjustment	0.00		
Net Liquidation	0.00		
Extra Principal	1,413,573.82		
OC Release	0.00		

Credit Enhancement	Amount	%
Original OC	19,667,198.96	4.90%
Target OC	32,904,902.51	8.20%
OC Amount	21,074,754.03	5.32%
Mezz Certificates	59,588,000.00	

WA Rates/Life	Fixed	Adj	Overall
WAC - Current	9.26%	0.00%	9.26%
WAC - Original	9.26%	0.00%	9.26%
WAL - Current	273.41	0.00	273.41
WAL - Original	273.41	0.00	273.41
Average Loan Balance			46,725.93

Performance Indicators

Factors Impacting Principal Payment Rules

Delinquency Trigger	Num	Den	%
3 mo. Rolling Average	2,180,734.72	395,815,354	0.55%
6 mo. Rolling Average	2,180,734.72	395,815,354	0.55%
12 mo. Rolling Average	2,180,734.72	395,815,354	0.55%
Delinquency Event Calc (1)	2,180,734.72	395,815,354	0.55%
> Delinquency Trigger Event (2)			N
Loss Trigger			
3 mo. Cum Loss	0.00	0	
6 mo. Cum loss	0.00	0	
12 mo. Cum Loss	0.00	0	
> Loss Trigger Event? (3)			N
Step Down Date			
Distribution Count	1		
Current Specified Enhancement %(4)	30.05%		
Step Down % (5)	31.40%		
% of Current Specified Enhancement % (6)	11.50%		
> Step Down Date?			N

Legend

(1) 60 Days+, REO, F/C %
(2) (1) > (6) * (4), then TRUE
(3) Condn: Cum Loss > specified thresholds
(4) Mezzanine Certs + OC Amount / Ending Pool Bal
(5) Defined Benchmark
(6) Defined Benchmark (Used in Delinq Event Calc)
(7) Condn: Distn Cnt > 36, (4) > (5)

Misc/Additional Information

Prepayment Charges	Count	Amount
Current	30	70,120.60
Cumulative	30	70,120.60

Pool Composition

Properties	Balance	% / Score
Cut-off LTV	392,950,122.89	97.92%
Cut-off FICO	401,279,298.96	674
Cash Out/Refinance	N/A	N/A
SFR	292,382,672.26	72.86%
Owner Occupied	386,675,108.79	96.36%

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

Distribution Date: 27-Feb-06
Bond Interest Reconciliation

			Additions					Deductions					Outstanding		
Class	Opening Balance	Accrual Certificate Interest	Interest Rate SWAP Agreement	Deposits from YM Agreement	Prior Int Carry-Fwd Shortfall	Prior Shortfall Reimbursement	Other Interest Proceeds (1)	Other Interest Losses	Current Int Carry-Fwd Shortfall	Current Basis Risk Carry-Fwd Shortfall	Distributable Certificate Interest	Interest Payment Amount	Remaining Int Carry-Fwd Shortfall	Remaining Basis Risk Carry-Fwd Shortfall	Net Cap Rate in Effect Y/N
A	276,882,000.00	1,160,135.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,160,135.58	1,160,135.58	0.00	0.00	No
M-1	32,302,000.00	141,662.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	141,662.22	141,662.22	0.00	0.00	No
M-2	27,286,000.00	125,000.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125,000.20	125,000.20	0.00	0.00	No
B-1	16,653,000.00	86,355.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86,355.06	86,355.06	0.00	0.00	No
B-2	7,624,000.00	40,551.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40,551.21	40,551.21	0.00	0.00	No
B-3	6,420,000.00	40,139.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40,139.27	40,139.27	0.00	0.00	No
B-4	7,423,000.00	46,393.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46,393.75	46,393.75	0.00	0.00	No
B-5	7,022,000.00	43,887.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43,887.50	43,887.50	0.00	0.00	No
C	19,667,198.96	1,413,705.82	0.00	0.00	0.00	0.00	0.00	0.00	132.00	0.00	132.00	0.00	132.00	0.00	No
R	100.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.42	0.00	0.00	No
Total	401,279,298.96	3,097,831.03	0.00	0.00	0.00	0.00	0.00	0.00	132.00	0.00	1,684,257.21	1,684,125.21	132.00	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

(3) Basis Risk Carry-Forward Shortfall - difference between LIBOR plus margin and the Net Rate Cap.

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

Distribution Date: 27-Feb-06
Bond Interest Reconciliation

Class	Opening Balance	Pass-Thru Rate	Prior Interest Due Date	Current Interest Due Date	- - Accrual - - Method	Days	Accrual Certificate Interest	Total Interest Deductions	Total Interest Additions	Distributable Certificate Interest	Interest Payment Amount	Current Period (Shortfall) / Recovery	Remaining Outstanding Interest Shortfalls	Record Date
A	276,882,000.00	4.71%	1/26/2006	2/27/2006	Act/360	32	1,160,135.58	0.00	0.00	1,160,135.58	1,160,135.58	0.00	0.00	31-Jan-06
M-1	32,302,000.00	4.93%	1/26/2006	2/27/2006	Act/360	32	141,662.22	0.00	0.00	141,662.22	141,662.22	0.00	0.00	31-Jan-06
M-2	27,286,000.00	5.15%	1/26/2006	2/27/2006	Act/360	32	125,000.20	0.00	0.00	125,000.20	125,000.20	0.00	0.00	31-Jan-06
B-1	16,653,000.00	5.83%	1/26/2006	2/27/2006	Act/360	32	86,355.06	0.00	0.00	86,355.06	86,355.06	0.00	0.00	31-Jan-06
B-2	7,624,000.00	5.98%	1/26/2006	2/27/2006	Act/360	32	40,551.21	0.00	0.00	40,551.21	40,551.21	0.00	0.00	31-Jan-06
B-3	6,420,000.00	7.03%	1/26/2006	2/27/2006	Act/360	32	40,139.27	0.00	0.00	40,139.27	40,139.27	0.00	0.00	31-Jan-06
B-4	7,423,000.00	7.50%	1/1/2006	2/1/2006	30/360	30	46,393.75	0.00	0.00	46,393.75	46,393.75	0.00	0.00	31-Jan-06
B-5	7,022,000.00	7.50%	1/1/2006	2/1/2006	30/360	30	43,887.50	0.00	0.00	43,887.50	43,887.50	0.00	0.00	31-Jan-06
C	19,667,198.96	N/A	1/1/2006	2/1/2006	30/360	30	1,413,705.82	0.00	0.00	132.00	0.00	(132.00)	132.00	31-Jan-06
R	100.00	4.71%	1/26/2006	2/27/2006	Act/360	32	0.42	0.00	0.00	0.42	0.42	0.00	0.00	31-Jan-06
Total	401,279,298.96						3,097,831.03	0.00	0.00	1,684,257.21	1,684,125.21	(132.00)	132.00	

(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

(3) Basis Risk Carry-Forward Shortfall - difference between the certificate remittance rate and the Net Rate Cap.

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

Distribution Date: 27-Feb-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	276,882,000.00	270,707.53	5,193,137.44	1,413,573.82	0.00	0.00	0.00	0.00	270,004,581.21	25-Sep-36	N/A	N/A
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	N/A	N/A
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	N/A	N/A
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	N/A	N/A
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	N/A	N/A
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	N/A	N/A
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	N/A	N/A
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	N/A	N/A
C	19,667,198.96	19,667,198.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21,080,772.78	25-Sep-36	N/A	N/A
R	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25-Sep-36	N/A	N/A
Total	401,279,298.96	401,279,298.96	270,807.53	5,193,137.44	1,413,573.82	0.00	0.00	0.00	0.00	395,815,353.99			

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

Distribution Date: 27-Feb-06
Ratings Information

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

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 ABN AMRO

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

Distribution Date: 27-Feb-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part I

Distribution Date	Current		Delinquent 1 Month		Delinquent 2 Months		Delinquent 3+ Months		Foreclosure		REO	
	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance
27-Feb-06	8,320	389,160,091	101	4,474,528	46	2,034,430	4	146,304	0	0	0	0

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

Distribution Date: 27-Feb-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part II

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
27-Feb-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Distribution Date: 27-Feb-06
Asset-Backed Facts ~ 15 Month Historical Payoff/Loss Summary

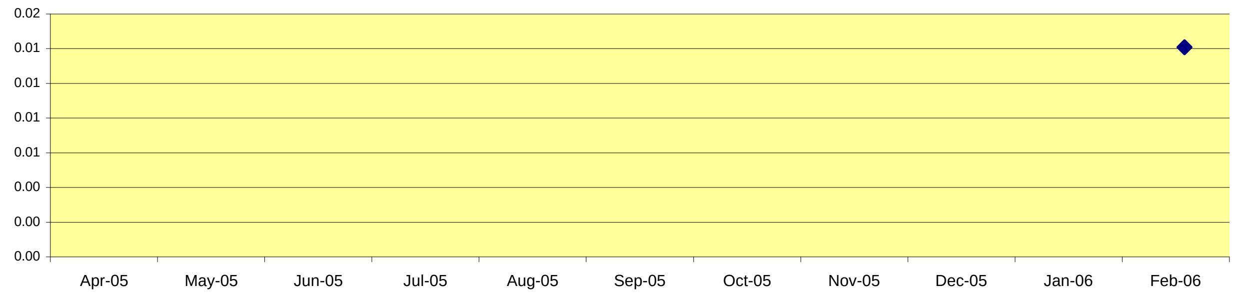
Distribution Date	Ending Pool[1]		Payoffs[2]		Insurance	Substitution	Liquidation	Realized Losses[2]		Remaining Term	Curr Weighted Avg.	
	#	Balance	#	Balance	Proceeds	Proceeds	Proceeds	#	Amount	Life	Coupon	Remit
27-Feb-06	8,471	395,815,354	100	5,060,636	0.00	0.00	0.00	0	0	273	9.76%	9.26%

[1] Percentage based on pool as of cutoff. [2] Percentage based on pool as of beginning of period.

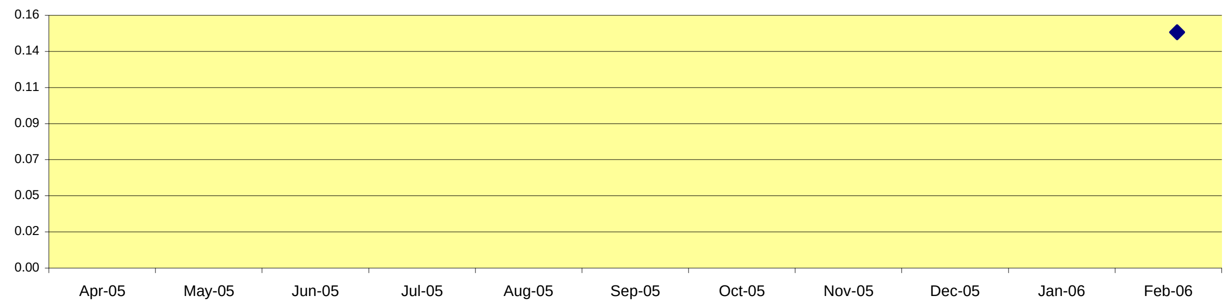
Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 27-Feb-06
Prepayment Summary

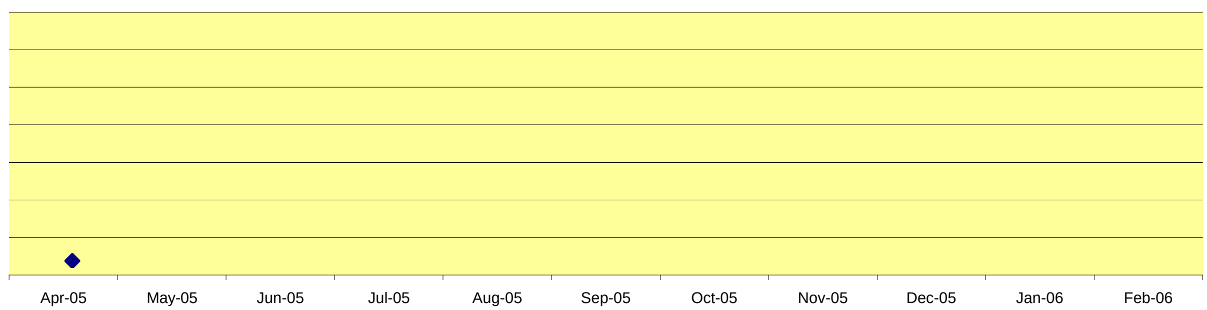
SMM (Single Monthly Mortality)	Total
Current Period	1.26%
3-Month Average	1.26%
6-Month Average	1.26%
12-Month Average	1.26%
Average Since Cut-Off	1.26%



CPR (Conditional Prepayment Rate)	Total
Current Period	14.13%
3-Month Average	14.13%
6-Month Average	14.13%
12-Month Average	14.13%
Average Since Cut-Off	14.13%



PSA (Public Securities Association)	Total
Current Period	N/A
3-Month Average	N/A
6-Month Average	N/A
12-Month Average	N/A
Average Since Cut-Off	N/A



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

Distribution Date: 27-Feb-06
Realized Loss Detail

Period	Disclosure Control #	Appraisal Date	Appraisal value	Beginning Scheduled Balance	Gross Proceeds	Gross Proceeds as a % of Sched. Balance	Aggregate Liquidation Expenses*	Net Liquidation Proceeds	Net Proceeds as a % of Sched. Balance	Realized Loss

* Aggregate Liquidation Expenses also include outstanding P&I advances and unpaid servicing fees, unpaid trustee fees, etc.

LaSalle Bank
ABN AMRO

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

Distribution Date: 27-Feb-06
Loans Subject to the Soldier's and Sailor's Relief Act

Disclosure Control #	Beginning Balance	Scheduled Principal	Unscheduled Principal	Ending Balance	Loan Rate	P & I Amount	Scheduled Interest	Interest Remitted	S&S Interest Shortfall
0	0.00	0.00	0.00	0.00	0.00%	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

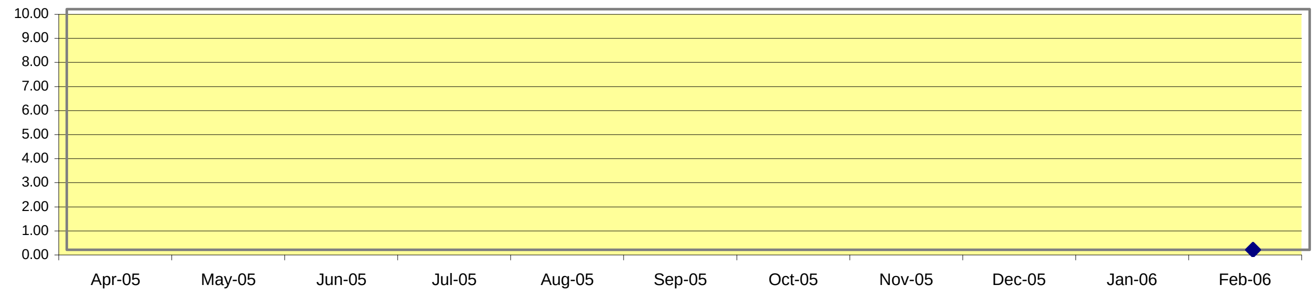
Distribution Date: 27-Feb-06
Historical Realized Loss Summary

	- - - - Current Realized Loss - - - -				- - - - Previous Liquidations/Payoffs - - - -						
Distribution Date	Beginning Scheduled Balance	Net Liquidation Proceeds	Realized Loss	Realized Loss Loan Count	Claims on Prior Liquidations		Recovery on Prior Liquidations		Claims/(Recoveries) on Prior Payoffs		Cumulative Realized Loss
					Amount	Count	Amount	Count	Amount	Count	
27-Feb-06	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Total	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00

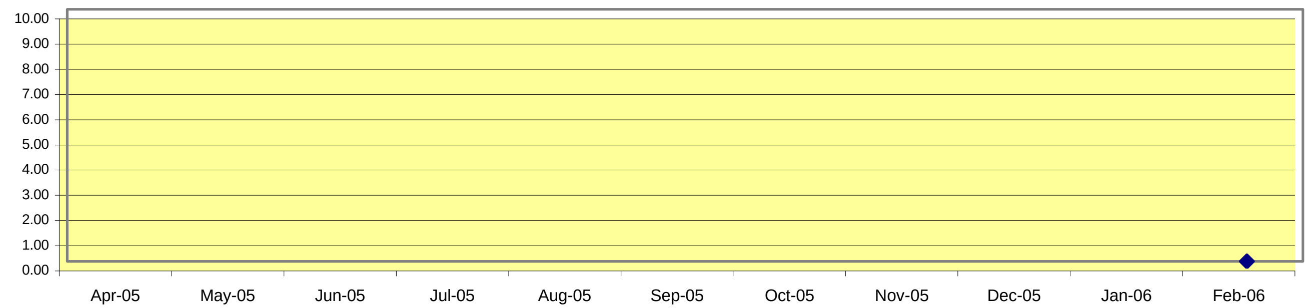
Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 27-Feb-06
Realized Loss Summary

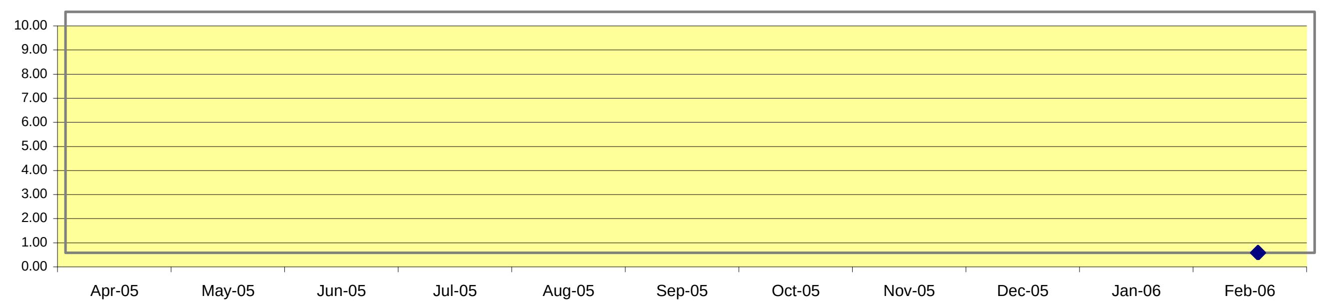
MDR (monthly Default Rate)	**Total**
Current Period	0.00%
3-Month Average	0.00%
6-Month Average	0.00%
12-Month Average	0.00%
Average Since Cut-Off	0.00%



CDR (Conditional Default Rate)	**Total**
Current Period	0.00%
3-Month Average	0.00%
6-Month Average	0.00%
12-Month Average	0.00%
Average Since Cut-Off	0.00%



SDA (Standard Default Assumption)	**Total**
Current Period	0.00%
3-Month Average	0.00%
6-Month Average	0.00%
12-Month Average	0.00%
Average Since Cut-Off	0.00%



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)

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

Distribution Date: 27-Feb-06
Material Breaches Detail

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

Material Modifications, extensions or waivers to pool asset terms, fees, penalties or payments during the distribution period or that have become material over time. 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: 27-Feb-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.