LaSalle Bank
ABN AMRO

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

Distribution Date: 25-Apr-06

ABN AMRO Acct : 723356.1

Payment Date:
25-Apr-06

Prior Payment:
27-Mar-06

Next Payment:
25-May-06

Record Date:
31-Mar-06

Distribution Count:
3

Closing Date:
26-Jan-06

First Pay. Date:
27-Feb-06

Rated Final Payment Date:
25-Sep-36

Determination Date:
14-Apr-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

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

Distribution Date: 25-Apr-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	261,761,704.68	10,197,795.99	0.00	0.00	251,563,908.69	1,053,923.66	0.00	4.9981300000%
M-1	59020U2P9	32,302,000.00	32,302,000.00	0.00	0.00	0.00	32,302,000.00	135,781.25	0.00	5.2181300000%
M-2	59020U2Q7	27,286,000.00	27,286,000.00	0.00	0.00	0.00	27,286,000.00	119,532.21	0.00	5.4381300000%
B-1	59020U2R5	16,653,000.00	16,653,000.00	0.00	0.00	0.00	16,653,000.00	82,074.20	0.00	6.1181300000%
B-2	59020U2S3	7,624,000.00	7,624,000.00	0.00	0.00	0.00	7,624,000.00	38,496.07	0.00	6.2681300000%
B-3	59020U2T1	6,420,000.00	6,420,000.00	0.00	0.00	0.00	6,420,000.00	37,846.93	0.00	7.3181300000%
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	22,606,410.74	0.00	0.00	1,441,063.42	24,047,474.16	0.00	(2,357.37)	N/A
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	389,098,115.42	10,197,795.99	0.00	1,441,063.42	380,341,382.85	1,557,935.57	(2,357.37)	
						Total P&I Payment		11,755,731.56		

[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: 25-Apr-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	79,019.26	79,019.26	N/A
Total		0.00	0.00	0.00	0.00	0.00	0.00	79,019.26	79,019.26	
						Total P&I Payment		79,019.26		

[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: 25-Apr-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	945.390833207	36.830837649	0.000000000	0.000000000	908.559995558	3.806400055	0.000000000	5.13938000%
M-1	59020U2P9	32,302,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.203493592	0.000000000	5.35938000%
M-2	59020U2Q7	27,286,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.380715752	0.000000000	5.57938000%
B-1	59020U2R5	16,653,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.928493365	0.000000000	6.25938000%
B-2	59020U2S3	7,624,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.049327125	0.000000000	6.40938000%
B-3	59020U2T1	6,420,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.895160436	0.000000000	7.45938000%
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	1149.447401533	0.000000000	0.000000000	73.272428012	1222.719829545	0.000000000	(0.119863027)	N/A
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-Apr-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: 25-Apr-06
Cash Reconciliation Summary

Pool Source of Funds

Interest Summary

Interest Summary	
Scheduled Interest	3,162,962.42
Fees	163,951.98
Remittance Interest	2,999,010.44
Other Interest Proceeds/Shortfalls	
Prepayment Penalties	79,019.26
Other Interest Loss	0.00
Other Interest Proceeds	0.00
Non-advancing Interest	(11.00)
Net PPIS/Relief Act Shortfall	0.00
Modification Shortfall	0.00
Other Interest Proceeds/Shortfalls	79,008.26
Interest Adjusted	3,078,018.70
Fee Summary	
Total Servicing Fees	162,124.98
Total Trustee Fees	0.00
LPMI Fees	0.00
Credit Manager's Fees	0.00
Misc. Fees / Trust Expense	1,827.00
Insurance Premium	0.00
Total Fees	163,951.98

Advances (Principal & Interest)

Prior Month's Outstanding Advances	3,027,473.97
Current Advances	2,404,241.19
Reimbursement of Prior Advances	2,575,515.32
Outstanding Advances	2,856,199.84

Principal Summary

Principal Summary	
Scheduled Prin Distribution	263,926.28
Curtailments	(43,519.87)
Prepayments in Full	8,536,326.16
Liquidation Proceeds	0.00
Repurchase Proceeds	0.00
Other Principal Proceeds	0.00
Remittance Principal	8,756,732.57

Non-Pool Source of Funds

P&I Due Certificate Holders	11,834,751.27

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-Apr-06
Pool Detail and Performance Indicators Total (All Loans)

Pool Detail

Pool Level Information

Historical	Amount	Count	
Original Pool Balance	401,279,298.96	8,571	
Cum Scheduled Principal	808,698.47		
Cum Unscheduled Principal	20,074,244.79		
Cum Liquidations	54,972.85		
Cum Deferred Interest	0.00		
Current	**Amount**	**Count**	**%**
Beginning Pool	389,098,115.42	8,351	96.96%
Scheduled Principal	267,932.86		0.07%
Unscheduled Principal	8,488,799.71	159	2.12%
Deferred Interest	0.00		0.00%
Liquidations	0.00	0	0.00%
Repurchases	0.00	0	0.00%
Ending Pool	380,341,382.85	8,193	94.78%
Average Loan Balance	46,422.72		
Current Loss Detail	**Amount**		
Liquidation	0.00		
Realized Loss	0.00		
Realized Loss Adjustment	0.00		
Net Liquidation	0.00		
Credit Enhancement	**Amount**	**%**	
Original OC	19,667,198.96	4.90%	
Target OC	32,904,902.51	8.20%	
Beginning OC	22,606,410.74		
OC Amount per PSA	24,047,474.16		
Ending OC	24,047,474.16		
Most Senior Certificates	276,882,000.00	69.00%	

Performance Indicators

Factors Impacting Principal Payment Rules

Delinquency Levels	Num	Den	%
3 mo. Rolling Average	3,839,461.31	388,418,284	0.99%
6 mo. Rolling Average	3,839,461.31	388,418,284	0.99%
12 mo. Rolling Average	3,839,461.31	388,418,284	0.99%
Loss Levels	**Amount**	**Count**	
3 mo. Cum Loss	56,314.95	1	
6 mo. Cum loss	0.00		
12 mo. Cum Loss	0.00		

Triggers

> Delinquency Trigger Event (2)			NO
Delinquency Event Calc (1)	5,069,265.20	380,341,383	1.33%
> Loss Trigger Event? (3)			NO
Cumulative Loss		0	0.00%
> Overall Trigger Event?			NO
Step Down Date			
Distribution Count	3		
Required Percentage (4)	N/A		
Step Down % (5)	31.40%		
% of Required Percentage (6)	N/A		
> Step Down Date?			NO
Extra Principal	1,441,063.42		
Cumulative Extra Principal	4,436,590.15		
OC Release	N/A		

Misc/Additional Information

WA Rates/Life

	Fixed	Adj	Overall
WAC - Current	9.25%	0.00%	9.25%
WAC - Original	9.26%	0.00%	9.26%
WAL - Current	270.27	0.00	270.27
WAL - Original	271.67	0.00	271.67
Current Index Rate			4.818130%
Next Index Rate			4.959380%

Prepayment Charges	Amount	Count
Current	79,019.26	42
Cumulative	231,080.77	108

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	674.09

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)

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Series 2006-SL1

Distribution Date: 25-Apr-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	- - - - - - - - Outstanding - - - - - - - - Current Period (Shortfall) / Recovery	Remaining Int Carry-Forward Shortfall	Remaining Basis Risk Carry-Fwd Shortfall	Outstanding Relief Act / Prepayment Interest Shortfalls	Net Cap Rate in Effect Y/N
A	Act/360	29	261,761,704.68	4.998130000%	1,053,923.66	0.00	0.00	1,053,923.66	1,053,923.66	0.00	0.00	0.00	0.00	No
M-1	Act/360	29	32,302,000.00	5.218130000%	135,781.25	0.00	0.00	135,781.25	135,781.25	0.00	0.00	0.00	0.00	No
M-2	Act/360	29	27,286,000.00	5.438130000%	119,532.21	0.00	0.00	119,532.21	119,532.21	0.00	0.00	0.00	0.00	No
B-1	Act/360	29	16,653,000.00	6.118130000%	82,074.20	0.00	0.00	82,074.20	82,074.20	0.00	0.00	0.00	0.00	No
B-2	Act/360	29	7,624,000.00	6.268130000%	38,496.07	0.00	0.00	38,496.07	38,496.07	0.00	0.00	0.00	0.00	No
B-3	Act/360	29	6,420,000.00	7.318130000%	37,846.93	0.00	0.00	37,846.93	37,846.93	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	22,606,410.74	76.620100000%	1,443,420.79	57,030.70	2,357.37	59,388.07	0.00	(59,388.07)	59,388.07	0.00	0.00	No
R	Act/360		0.00	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	No
Total			389,098,115.42		3,001,356.36	57,030.70	2,357.37	1,617,323.64	1,557,935.57	(59,388.07)	59,388.07	0.00	0.00	

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

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Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Apr-06
Bond Interest Reconciliation

				- - - - - - Additions					- - - - - -	- - - - Deductions	- - - -	
Class	Record Date	Prior Interest Due Date	Current Interest Due Date	Interest Rate SWAP Agreement	Deposits from YM Agreement	Prepayment Premiums	Prior Int Carry-Fwd Shortfall	Prior Shortfall Reimbursement	Other Interest Proceeds [1]	Other Interest Losses	Current Int Carry-Fwd Shortfall [2]	Current Basis Risk Carry-Fwd Shortfall
A	31-Mar-06	27-Mar-06	25-Apr-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-1	31-Mar-06	27-Mar-06	25-Apr-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-2	31-Mar-06	27-Mar-06	25-Apr-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-1	31-Mar-06	27-Mar-06	25-Apr-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-2	31-Mar-06	27-Mar-06	25-Apr-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-3	31-Mar-06	27-Mar-06	25-Apr-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-4	31-Mar-06	1-Mar-06	1-Apr-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-5	31-Mar-06	1-Mar-06	1-Apr-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	31-Mar-06	1-Mar-06	1-Apr-06	0.00	0.00	0.00	57,030.70	0.00	0.00	0.00	2,357.37	0.00
R	31-Mar-06	27-Mar-06	25-Apr-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	57,030.70	0.00	0.00	0.00	2,357.37	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 the certificate remittance rate and the Net Rate Cap.

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Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Apr-06
Bond Principal Reconciliation

						- - - - - - - - - - - - - - - - Losses - - - - - - - - - - - - - - -						- Credit Support -	
Class	Original Class Balance	Beginning Class Balance	Scheduled Principal Payment	Unscheduled Principal Payment	Extra Principal Payment	Prior Loss Reimburs.	Current Losses	Cumulative Losses	Interest on Losses	Ending Class Balance	Rated Final Maturity	Original	Current
A	276,882,000.00	261,761,704.68	267,932.86	8,488,799.71	1,441,063.42	0.00	0.00	0.00	0.00	251,563,908.69	25-Sep-36	0.00%	0.00%
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	0.00%	0.00%
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	0.00%	0.00%
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	0.00%	0.00%
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	0.00%	0.00%
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	0.00%	0.00%
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	0.00%	0.00%
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	0.00%	0.00%
C	19,667,198.96	22,606,410.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24,047,474.16	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	N/A	N/A
Total	401,279,298.96	389,098,115.42	267,932.86	8,488,799.71	1,441,063.42	0.00	0.00	0.00	0.00	380,341,382.85			

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Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Apr-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.

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Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Apr-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part I

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-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

Delinquency Balances are Exclusive of REO, Foreclosures and Bankruptcies.

Distribution Date: 25-Apr-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part II

	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	
Distribution Date	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance
Total (All Loans)																								
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

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

Distribution Date: 25-Apr-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-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%

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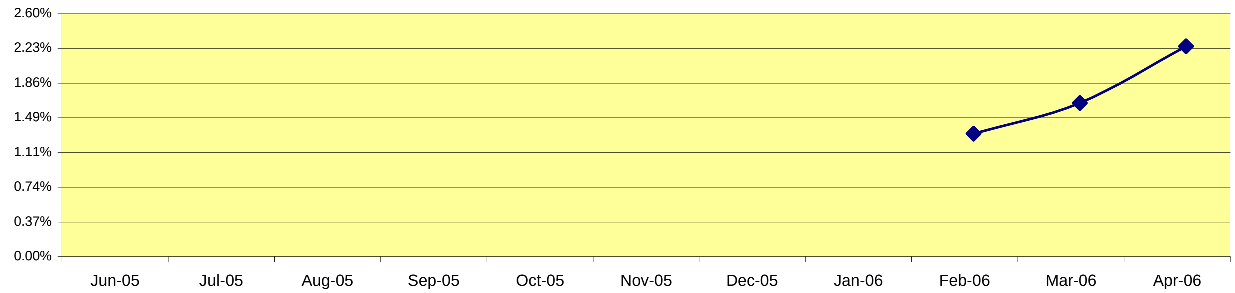
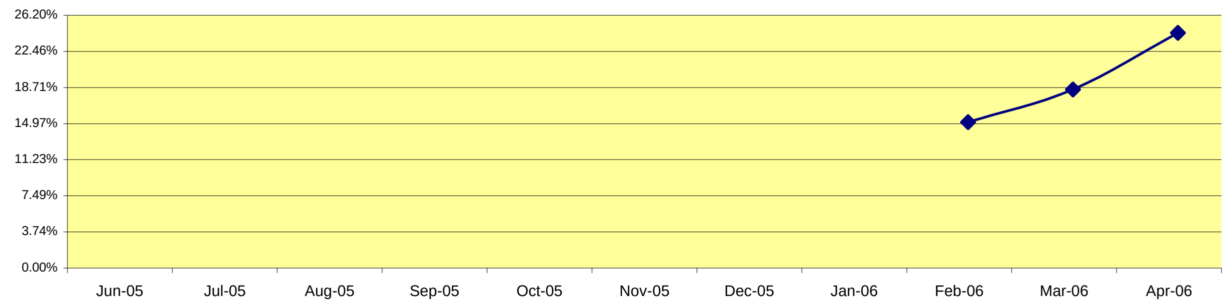
Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Apr-06
Prepayment Summary

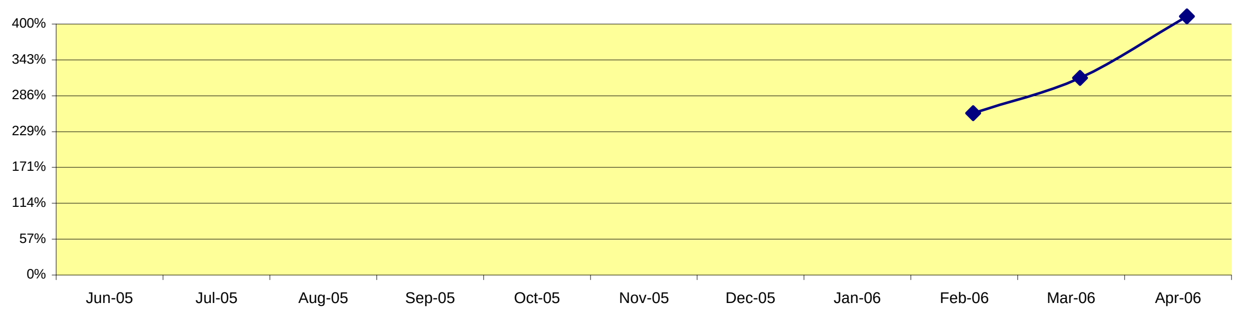
SMM (Single Monthly Mortality)	Total
Current Period	2.19%
3-Month Average	1.68%
6-Month Average	1.68%
12-Month Average	1.68%
Average Since Cut-Off	1.68%



CPR (Conditional Prepayment Rate)	Total
Current Period	23.37%
3-Month Average	18.34%
6-Month Average	18.34%
12-Month Average	18.34%
Average Since Cut-Off	18.34%



PSA (Public Securities Association)	Total
Current Period	390%
3-Month Average	306%
6-Month Average	306%
12-Month Average	306%
Average Since Cut-Off	306%



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)

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

Distribution Date: 25-Apr-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

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

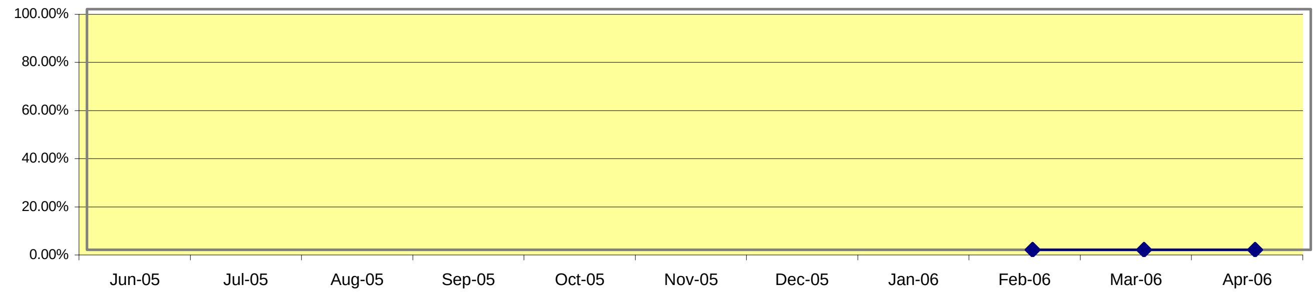
Distribution Date: 25-Apr-06
Historical Realized Loss Summary

	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-Apr-06	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00
27-Mar-06	54,972.85	(1,342.10)	56,314.95	1	0.00	0	0.00	0	0.00	0	0.00	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	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	

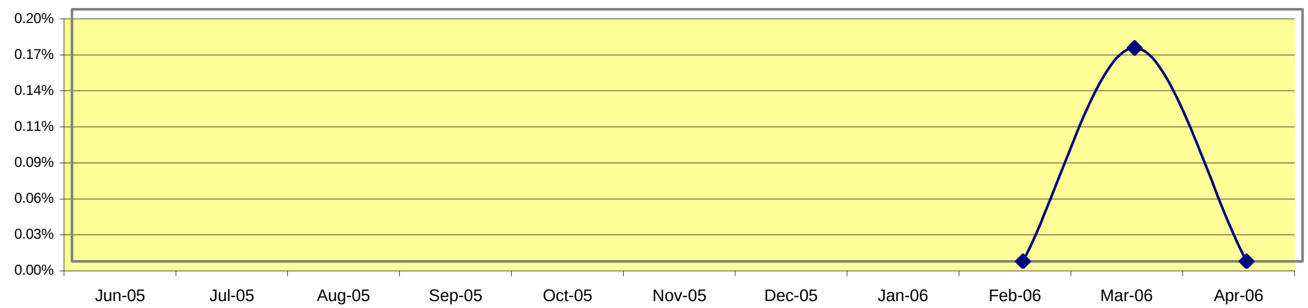
Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-SL1

Distribution Date: 25-Apr-06
Realized Loss Summary

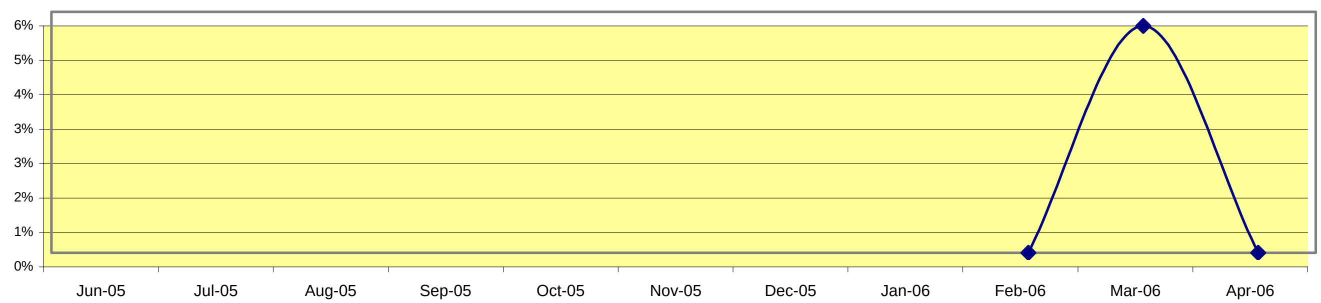
MDR (monthly Default Rate)	**Total**
Current Period	0.00%
3-Month Average	0.00%
6-Month Average	0.00%
12-Month Average	0.00%
Average Since Cut-Off	0.00%



CDR (Conditional Default Rate)	**Total**
Current Period	0.00%
3-Month Average	0.06%
6-Month Average	0.03%
12-Month Average	0.01%
Average Since Cut-Off	0.06%



SDA (Standard Default Assumption)	**Total**
Current Period	0.00%
3-Month Average	1.88%
6-Month Average	0.94%
12-Month Average	0.47%
Average Since Cut-Off	1.88%



MDR	(Monthly Default Rate)	(Beginning Principal Balance of Liquidated Loans) / (Total Beginning Principal Balance)
CDR	(Conditional Default Rate)	$1 - ((1 - \text{MDR})^{12}$
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-Apr-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
Total									

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

Distribution Date: 25-Apr-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-Apr-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.