LaSalle Bank
ABN AMRO

Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-06

ABN AMRO Acct : 723453.1

Payment Date:
25-May-06

Prior Payment:
25-Apr-06

Next Payment:
26-Jun-06

Record Date:
24-May-06

Distribution Count:
3

Closing Date:
28-Feb-06

First Pay. Date:
27-Mar-06

Rated Final Payment Date:
25-Feb-36

Determination Date:
15-May-06

Content:

Contact Information:

Analyst:	Mark Joyner	714.259.6220
	mark.joyner@abnamro.com	
Administrator:	Brian Whiteley	312.992.1743
	brian.whiteley@abnamro.com	
LaSalle Website:	www.etrustee.net	

Outside Parties To The Transaction

Depositor: Bear Stearns Asset Backed Securities, Inc.

Underwriter: Bear Stearns Asset Backed Securities, Inc.

Master Servicer: EMC Mortgage Corporation

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

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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-1	07387UDM0	175,089,000.00		156,592,673.19	16,563,248.70	0.00	0.00	140,029,424.49	656,303.38	0.00	5.0293800000%
A-2	07387UDN8	105,546,000.00		105,546,000.00	0.00	0.00	0.00	105,546,000.00	450,275.07	0.00	5.1193800000%
A-3	07387UDP3	26,867,000.00		26,867,000.00	0.00	0.00	0.00	26,867,000.00	115,514.22	0.00	5.1593800000%
A-4	07387UDQ1	14,138,000.00		14,138,000.00	0.00	0.00	0.00	14,138,000.00	62,082.08	0.00	5.2693800000%
M-1	07387UDR9	27,378,000.00		27,378,000.00	0.00	0.00	0.00	27,378,000.00	122,274.25	0.00	5.3593800000%
M-2	07387UDS7	22,704,000.00		22,704,000.00	0.00	0.00	0.00	22,704,000.00	101,777.87	0.00	5.3793800000%
M-3	07387UDT5	10,017,000.00		10,017,000.00	0.00	0.00	0.00	10,017,000.00	45,071.32	0.00	5.3993800000%
M-4	07387UDU2	9,126,000.00		9,126,000.00	0.00	0.00	0.00	9,126,000.00	42,126.98	0.00	5.5393800000%
M-5	07387UDV0	8,458,000.00		8,458,000.00	0.00	0.00	0.00	8,458,000.00	39,254.85	0.00	5.5693800000%
M-6	07387UDW8	7,568,000.00		7,568,000.00	0.00	0.00	0.00	7,568,000.00	35,691.82	0.00	5.6593800000%
M-7	07387UDX6	7,123,000.00		7,123,000.00	0.00	0.00	0.00	7,123,000.00	37,154.64	0.00	6.2593800000%
M-8	07387UDY4	6,232,000.00		6,232,000.00	0.00	0.00	0.00	6,232,000.00	34,065.05	0.00	6.5593800000%
M-9	07387UDZ1	5,342,000.00		5,342,000.00	0.00	0.00	0.00	5,342,000.00	31,648.59	248.18	7.0536310877%
M-10	07387UEA5	5,565,000.00		5,565,000.00	0.00	0.00	0.00	5,565,000.00	32,969.75	258.54	7.0536310877%
CE	07387UEG2	445,177,198.22	**N**	426,679,754.93	0.00	0.00	0.00	410,116,506.23	780,939.47	78,607.98	N/A
P	07387UEB3	100.00		100.00	0.00	0.00	0.00	100.00	223,407.59	223,407.59	N/A
R-1	07387UEC1	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
R-2	07387UED9	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
R-3	07387UEE7	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
RX	07387UEF4	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total		431,153,100.00		412,656,773.19	16,563,248.70	0.00	0.00	396,093,524.49	2,810,556.93	302,522.29	
							Total P&I Payment		19,373,805.63		

[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

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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-1	07387UDM0	175,089,000.00	894.360429210	94.599025067	0.000000000	0.000000000	799.761404143	3.748398700	0.000000000	5.15125000%
A-2	07387UDN8	105,546,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.266150020	0.000000000	5.24125000%
A-3	07387UDP3	26,867,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.299483381	0.000000000	5.28125000%
A-4	07387UDQ1	14,138,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.391150092	0.000000000	5.39125000%
M-1	07387UDR9	27,378,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.466149828	0.000000000	5.48125000%
M-2	07387UDS7	22,704,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.482816684	0.000000000	5.50125000%
M-3	07387UDT5	10,017,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.499482879	0.000000000	5.52125000%
M-4	07387UDU2	9,126,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.616149463	0.000000000	5.66125000%
M-5	07387UDV0	8,458,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.641150390	0.000000000	5.69125000%
M-6	07387UDW8	7,568,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.716149577	0.000000000	5.78125000%
M-7	07387UDX6	7,123,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.216150498	0.000000000	6.38125000%
M-8	07387UDY4	6,232,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.466150513	0.000000000	6.68125000%
M-9	07387UDZ1	5,342,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.924483340	0.046458255	7.23125000%
M-10	07387UEA5	5,565,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.924483378	0.046458221	7.23125000%
CE	07387UEG2	445,177,198.22 **N**	958.449257141	0.000000000	0.000000000	0.000000000	921.243288897	1.754221629	0.176576833	N/A
P	07387UEB3	100.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	2234075.900000000	2234075.900000000	N/A
R-1	07387UEC1	0.00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	N/A
R-2	07387UED9	0.00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	N/A
R-3	07387UEE7	0.00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	N/A
RX	07387UEF4	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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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-06
Cash Reconciliation Summary

Pool Source of Funds

Interest Summary

Interest Summary	
Scheduled Interest	2,688,057.95
Fees	180,023.30
Remittance Interest	2,508,034.65
Other Interest Proceeds/Shortfalls	
Prepayment Penalties	223,407.59
Other Interest Loss	0.00
Other Interest Proceeds	0.00
Non-advancing Interest	0.00
Net PPIS/Relief Act Shortfall	0.00
Modification Shortfall	0.00
Other Interest Proceeds/Shortfalls	223,407.59
Interest Adjusted	2,731,442.24
Fee Summary	
Total Servicing Fees	177,783.23
Total Trustee Fees	2,240.07
LPMI Fees	0.00
Credit Manager's Fees	0.00
Misc. Fees / Trust Expense	0.00
Insurance Premium	0.00
Total Fees	180,023.30

Advances (Principal & Interest)

Prior Month's Outstanding Advances	202,656.90
Current Advances	N/A
Reimbursement of Prior Advances	N/A
Outstanding Advances	203,527.09

Principal Summary

Principal Summary	
Scheduled Prin Distribution	191,839.58
Curtailments	15,876.27
Prepayments in Full	15,857,427.67
Liquidation Proceeds	477,919.97
Repurchase Proceeds	0.00
Other Principal Proceeds	(38.25)
Remittance Principal	16,543,025.24

Non-Pool Source of Funds

Reserve Fund

Beginning Balance	5,000.00
Withdrawal from Trust	0.00
Reimbursement from Waterfall	0.00
Ending Balance	5,000.00

Yield Maintenance Agreement

Amt Received Under the Yield Main. Agreement	99,338.16

Swap Agreement

Net Swap payment payable to the Swap Administrator	0.00
Net Swap payment payable to the Swap Provider	0.00
Swap Termination payment payable to the Swap Administrator	0.00
Swap Termination payment payable to the Swap Provider	0.00

P&I Due Certificate Holders 19,373,805.64

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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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-06
Cash Reconciliation Summary

	Fixed 1st Lien	228 ARM	327 ARM	Total
Interest Summary				
Scheduled Interest	161,962.42	2,419,896.54	106,198.99	2,688,057.95
Fees	11,563.64	160,866.92	7,592.74	180,023.30
Remittance Interest	150,398.78	2,259,029.62	98,606.25	2,508,034.65
Other Interest Proceeds/Shortfalls				
Prepayment Penalties	1,829.29	221,578.30	0.00	223,407.59
Other Interest Loss	0.00	0.00	0.00	0.00
Other Interest Proceeds	0.00	0.00	0.00	0.00
Non-advancing Interest	0.00	0.00	0.00	0.00
Net PPIS/Relief Act Shortfall	0.00	0.00	0.00	0.00
Modification Shortfall	0.00	0.00	0.00	0.00
Other Interest Proceeds/Shortfalls	1,829.29	221,578.30	0.00	223,407.59
Interest Adjusted	152,228.07	2,480,607.92	98,606.25	2,731,442.24
Principal Summary				
Scheduled Principal Distribution	23,120.09	160,442.45	8,277.04	191,839.58
Curtailments	574.93	15,119.52	181.82	15,876.27
Prepayments in Full	373,708.47	15,185,602.85	298,116.35	15,857,427.67
Liquidation Proceeds	0.00	477,919.97	0.00	477,919.97
Repurchase Proceeds	0.00	0.00	0.00	0.00
Other Principal Proceeds	(28.00)	(10.25)	0.00	(38.25)
Less Mod Losses	0.00	0.00	0.00	0.00
Remittance Principal	397,375.49	15,839,074.54	306,575.21	16,543,025.24
Fee Summary				
Total Servicing Fees	11,419.75	158,865.22	7,498.26	177,783.23
Total Trustee Fees	143.89	2,001.70	94.48	2,240.07
LPMI Fees	0.00	0.00	0.00	0.00
Total Fees	11,563.64	160,866.92	7,592.74	180,023.30
Beginning Principal Balance	27,407,402.07	381,276,520.18	17,995,832.68	426,679,754.93
Ending Principal Balance	27,009,998.58	365,417,250.18	17,689,257.47	410,116,506.23
Advances (Principal & Interest)				
Prior Month's Outstanding Advances	21,043.20	170,873.00	10,740.60	202,656.80
Current Advances	N/A	N/A	N/A	N/A
Reimbursement of Prior Advances	N/A	N/A	N/A	N/A
Outstanding Advances	21,043.23	171,743.22	10,740.64	203,527.09

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

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

Pool Detail

Pool Level Information

Historical	**Amount**	**Count**	
Cut-off Pool Balance	445,177,198.22	1,683	
Cum Scheduled Principal	588,670.61		
Cum Unscheduled Principal	33,973,916.20		
Cum Liquidations	498,105.18		
Cum Deferred Interest	0.00		
Current	**Amount**	**Count**	**%**
Beginning Pool	426,679,754.93	1,620	95.84%
Scheduled Principal	191,839.58		0.04%
Unscheduled Principal	15,873,303.94	55	3.57%
Deferred Interest	0.00		0.00%
Liquidations	498,105.18	1	0.11%
Repurchases	0.00	0	0.00%
Ending Pool	410,116,506.23	1,564	92.12%
Average Loan Balance	262,222.83		
Current Loss Detail	**Amount**		
Liquidation	498,105.18		
Realized Loss	20,185.21		
Realized Loss Adjustment	38.25		
Net Liquidation	477,881.72		
Credit Enhancement	**Amount**	**%**	
Original OC	14,024,198.22	3.15%	
Target OC	14,023,081.74	3.15%	
Beginning OC	14,023,081.74		
OC Amount per PSA	14,002,858.28	3.15%	
Ending OC	14,023,081.74		
Mezz Certificates	109,513,000.00	24.60%	

Performance Indicators

Factors Impacting Principal Payment Rules

Delinquency Levels	**Num**	**Den**	**%**
3 mo. Rolling Average	4,941,227.34	423,910,175	1.19%
6 mo. Rolling Average	4,941,227.34	423,910,175	1.19%
12 mo. Rolling Average	4,941,227.34	423,910,175	1.19%
Loss Levels	**Amount**	**Count**	
3 mo. Cum Loss	20,223.46	1	
6 mo. Cum loss	20,223.46	1	
12 mo. Cum Loss	20,223.46	1	

Triggers

> Delinquency Trigger Event (2)			NO
Delinquency Event Calc (1)	8,879,259.32	410,116,506	2.17%
> Loss Trigger Event? (3)			NO
Cumulative Loss		20,185	0.00%
> Overall Trigger Event?			NO
Step Down Date			
Distribution Count	3		
Current Specified Enhancement %(4)	30.12%		
Step Down % (5)	55.50%		
% of Current Specified Enhancement % (6)	28.75%		
> Step Down Date?			NO
Extra Principal	20,223.46		
Cumulative Extra Principal	20,223.46		
OC Release	N/A		

Misc/Additional Information

WA Rates/Life

	Fixed	**Adj**	**Overall**
WAC - Current	6.59%	7.09%	7.05%
WAC - Original	6.62%	7.10%	7.06%
WAL - Current	347.78	354.28	353.85
WAL - Original	349.87	356.28	355.87
Current Index Rate			4.959380%
Next Index Rate			5.081250%

Pool Composition

Properties	**Balance**	**%/Score**
Cut-off LTV	359,968,873.96	80.86%
Cash Out/Refinance	358,689,155.83	80.57%
SFR	316,837,576.12	71.17%
Owner Occupied	420,132,611.48	94.37%

	Min	**Max**	**WA**
FICO	500	790	605.84

Legend: **(1)** 60 Days+, REO, BK, 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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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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-1	Act/360	30	156,592,673.19	5.029380000%	656,303.38	0.00	0.00	656,303.38	656,303.38	0.00	0.00	0.00	0.00	No
A-2	Act/360	30	105,546,000.00	5.119380000%	450,275.07	0.00	0.00	450,275.07	450,275.07	0.00	0.00	0.00	0.00	No
A-3	Act/360	30	26,867,000.00	5.159380000%	115,514.22	0.00	0.00	115,514.22	115,514.22	0.00	0.00	0.00	0.00	No
A-4	Act/360	30	14,138,000.00	5.269380000%	62,082.08	0.00	0.00	62,082.08	62,082.08	0.00	0.00	0.00	0.00	No
M-1	Act/360	30	27,378,000.00	5.359380000%	122,274.25	0.00	0.00	122,274.25	122,274.25	0.00	0.00	0.00	0.00	No
M-2	Act/360	30	22,704,000.00	5.379380000%	101,777.87	0.00	0.00	101,777.87	101,777.87	0.00	0.00	0.00	0.00	No
M-3	Act/360	30	10,017,000.00	5.399380000%	45,071.32	0.00	0.00	45,071.32	45,071.32	0.00	0.00	0.00	0.00	No
M-4	Act/360	30	9,126,000.00	5.539380000%	42,126.98	0.00	0.00	42,126.98	42,126.98	0.00	0.00	0.00	0.00	No
M-5	Act/360	30	8,458,000.00	5.569380000%	39,254.85	0.00	0.00	39,254.85	39,254.85	0.00	0.00	0.00	0.00	No
M-6	Act/360	30	7,568,000.00	5.659380000%	35,691.82	0.00	0.00	35,691.82	35,691.82	0.00	0.00	0.00	0.00	No
M-7	Act/360	30	7,123,000.00	6.259380000%	37,154.64	0.00	0.00	37,154.64	37,154.64	0.00	0.00	0.00	0.00	No
M-8	Act/360	30	6,232,000.00	6.559380000%	34,065.05	0.00	0.00	34,065.05	34,065.05	0.00	0.00	0.00	0.00	No
M-9	Act/360	30	5,342,000.00	7.053630000%	31,400.41	248.18	0.00	31,648.59	31,648.59	0.00	0.00	0.00	0.00	Yes
M-10	Act/360	30	5,565,000.00	7.053630000%	32,711.21	258.54	0.00	32,969.75	32,969.75	0.00	0.00	0.00	0.00	Yes
CE	30/360		426,679,754.93	1.975250000%	702,331.49	99,338.16	0.00	801,669.65	780,939.47	0.00	0.00	0.00	0.00	No
P			100.00	0.000000000%	0.00	223,407.59	0.00	223,407.59	223,407.59	0.00	0.00	0.00	0.00	No
Total			412,656,773.19		2,508,034.64	323,252.47	0.00	2,831,287.11	2,810,556.93	0.00	0.00	0.00	0.00	

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

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-06
Bond Interest Reconciliation

Class	Record Date	Prior Interest Due Date	Current Interest Due Date	Additions: Interest Rate SWAP Agreement	Additions: Deposits from YM Agreement	Additions: Prepayment Premiums	Additions: Prior Int Carry-Fwd Shortfall	Additions: Prior Shortfall Reimbursement	Additions: Other Interest Proceeds [1]	Deductions: Other Interest Losses	Deductions: Current Int Carry-Fwd Shortfall [2]	Deductions: Current Basis Risk Carry-Fwd Shortfall
A-1	24-May-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A-2	24-May-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A-3	24-May-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A-4	24-May-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-1	24-May-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-2	24-May-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-3	24-May-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-4	24-May-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-5	24-May-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-6	24-May-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-7	24-May-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-8	24-May-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-9	24-May-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	248.18	0.00	0.00	0.00
M-10	28-Apr-06	25-Apr-06	25-May-06	0.00	0.00	0.00	0.00	0.00	258.54	0.00	0.00	0.00
CE	28-Apr-06	1-Apr-06	1-May-06	0.00	99,338.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P	28-Apr-06	1-Apr-06	1-May-06	0.00	0.00	223,407.59	0.00	0.00	0.00	0.00	0.00	0.00
Total				0.00	99,338.16	223,407.59	0.00	0.00	506.72	0.00	0.00	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.

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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-1	175,089,000.00	156,592,673.19	191,839.58	16,351,185.66	20,223.46	0.00	0.00	0.00	0.00	140,029,424.49	25-Feb-36	N/A	N/A
A-2	105,546,000.00	105,546,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105,546,000.00	25-Feb-36	N/A	N/A
A-3	26,867,000.00	26,867,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,867,000.00	25-Feb-36	N/A	N/A
A-4	14,138,000.00	14,138,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14,138,000.00	25-Feb-36	N/A	N/A
M-1	27,378,000.00	27,378,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27,378,000.00	25-Feb-36	N/A	N/A
M-2	22,704,000.00	22,704,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22,704,000.00	25-Feb-36	N/A	N/A
M-3	10,017,000.00	10,017,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,017,000.00	25-Feb-36	N/A	N/A
M-4	9,126,000.00	9,126,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,126,000.00	25-Feb-36	N/A	N/A
M-5	8,458,000.00	8,458,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,458,000.00	25-Feb-36	N/A	N/A
M-6	7,568,000.00	7,568,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,568,000.00	25-Feb-36	N/A	N/A
M-7	7,123,000.00	7,123,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,123,000.00	25-Feb-36	N/A	N/A
M-8	6,232,000.00	6,232,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,232,000.00	25-Feb-36	N/A	N/A
M-9	5,342,000.00	5,342,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,342,000.00	25-Feb-36	N/A	N/A
M-10	5,565,000.00	5,565,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,565,000.00	25-Feb-36	N/A	N/A
CE	445,177,198.22	426,679,754.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	410,116,506.23	25-Feb-36	N/A	N/A
P	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	25-Feb-36	N/A	N/A
Total	431,153,100.00	412,656,773.19	191,839.58	16,351,185.66	20,223.46	0.00	0.00	0.00	0.00	396,093,524.49			

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-06
Ratings Information

Class	CUSIP	Original Ratings: Fitch	Moody's	S&P	Ratings Change / Change Date [1]: Fitch	Moody's	S&P
A-1	07387UDM0	NR	Aaa	AAA			
A-2	07387UDN8	NR	Aaa	AAA			
A-3	07387UDP3	NR	Aaa	AAA			
A-4	07387UDQ1	NR	Aaa	AAA			
M-1	07387UDR9	NR	Aa1	AA+			
M-2	07387UDS7	NR	Aa2	AA			
M-3	07387UDT5	NR	Aa3	AA-			
M-4	07387UDU2	NR	A1	A+			
M-5	07387UDV0	NR	A2	A			
M-6	07387UDW8	NR	A3	A-			
M-7	07387UDX6	NR	Baa1	BBB+			
M-8	07387UDY4	NR	Baa2	BBB			
M-9	07387UDZ1	NR	Baa3	BBB-			
M-10	07387UEA5	NR	Ba1	BB+			
CE	07387UEG2	NR	NR	NR			
P	07387UEB3	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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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-06
End of Month Balance Reporting

Type	Count	Count (%)	Scheduled UPB	Sched UPB (%)	Arrears	Arrears (%)	F/C Quick Sale Value	REO Book Value
				Total				
0	1503	92.7778%	395,499,864.37	94.6987%	0.00	0.0000%	0.00	0.00
30	52	3.2099%	13,261,124.95	3.1753%	0.00	0.0000%	0.00	0.00
60	18	1.1111%	5,193,824.24	1.2436%	0.00	0.0000%	0.00	0.00
90+	12	0.7407%	2,979,027.92	0.7133%	0.00	0.0000%	0.00	0.00
BKY0	1	0.0617%	148,583.39	0.0356%	0.00	0.0000%	0.00	0.00
F/C90+	3	0.1852%	557,823.77	0.1336%	0.00	0.0000%	0.00	0.00
PIF	31	1.9136%	0.00	0.0000%	0.00	0.0000%	0.00	0.00
Total (Prior Month End):	**1620**	**100.0000%**	**417,640,248.00**	**100.0000%**	**0.00**	**0.0000%**	**0.00**	**0.00**
Delinq Total (Prior Month End):	**85**	**5.2469%**	**21,991,800.00**	**5.2657%**	**0.00**	**0.0000%**	**0.00**	**0.00**

Total (Prior Month End):	
Delinq Total (Prior Month End):	

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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-May-06	1,481	388,859,235	49	12,378,012	18	5,193,824	12	2,979,028	1	148,583	3	557,824	0	0
25-Apr-06	1,564	411,528,977	35	9,453,856	20	5,449,423	1	247,500	0	0	0	0	0	0
27-Mar-06	1,597	420,999,624	51	13,687,140	1	247,500	0	0	0	0	0	0	0	0

Total (All Loans)														
25-May-06	94.69%	94.82%	3.13%	3.02%	1.15%	1.27%	0.77%	0.73%	0.06%	0.04%	0.19%	0.14%	0.00%	0.00%
25-Apr-06	96.54%	96.45%	2.16%	2.22%	1.23%	1.28%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27-Mar-06	96.85%	96.80%	3.09%	3.15%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Delinquency Balances are Exclusive of REO, Foreclosures and Bankruptcies.

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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
Fixed 1st Lien														
25-May-06	114	25,606,680	2	225,980	3	1,177,339	0	0	0	0	0	0	0	0
25-Apr-06	118	26,125,535	2	255,256	2	1,026,611	0	0	0	0	0	0	0	0
27-Mar-06	119	26,227,287	4	1,488,474	0	0	0	0	0	0	0	0	0	0

Distribution Date	Current Count	Current Balance	Delinq 1 Month Count	Delinq 1 Month Balance	Delinq 2 Months Count	Delinq 2 Months Balance	Delinq 3+ Months Count	Delinq 3+ Months Balance	Bankruptcy Count	Bankruptcy Balance	Foreclosure Count	Foreclosure Balance	REO Count	REO Balance
Fixed 1st Lien														
25-May-06	95.80%	94.80%	1.68%	0.84%	2.52%	4.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25-Apr-06	96.72%	95.32%	1.64%	0.93%	1.64%	3.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27-Mar-06	96.75%	94.63%	3.25%	5.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Delinquency Balances are Exclusive of REO, Foreclosures and Bankruptcies.

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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
							228 ARM							
25-May-06	1,299	346,483,174	46	11,931,690	12	3,316,951	12	2,979,028	1	148,583	3	557,824	0	0
25-Apr-06	1,378	368,479,470	30	8,624,502	16	3,925,048	1	247,500	0	0	0	0	0	0
27-Mar-06	1,409	377,676,326	42	11,142,662	1	247,500	0	0	0	0	0	0	0	0

							228 ARM							
25-May-06	94.61%	94.82%	3.35%	3.27%	0.87%	0.91%	0.87%	0.82%	0.07%	0.04%	0.22%	0.15%	0.00%	0.00%
25-Apr-06	96.70%	96.64%	2.11%	2.26%	1.12%	1.03%	0.07%	0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27-Mar-06	97.04%	97.07%	2.89%	2.86%	0.07%	0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Delinquency Balances are Exclusive of REO, Foreclosures and Bankruptcies.

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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
327 ARM														
25-May-06	68	16,769,381	1	220,342	3	699,534	0	0	0	0	0	0	0	0
25-Apr-06	68	16,923,972	3	574,097	2	497,763	0	0	0	0	0	0	0	0
27-Mar-06	69	17,096,011	5	1,056,004	0	0	0	0	0	0	0	0	0	0

327 ARM														
25-May-06	94.44%	94.80%	1.39%	1.25%	4.17%	3.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25-Apr-06	93.15%	94.04%	4.11%	3.19%	2.74%	2.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27-Mar-06	93.24%	94.18%	6.76%	5.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Delinquency Balances are Exclusive of REO, Foreclosures and Bankruptcies.

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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
Total (All Loans)																								
25-May-06	0	0	0	0	0	0	3	557,824	0	0	0	0	0	0	0	0	1	148,583	0	0	0	0	0	0
25-Apr-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
27-Mar-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

Total (All Loans)																								
25-May-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.06%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25-Apr-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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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
Fixed 1st Lien																								
25-May-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
25-Apr-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
27-Mar-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

Fixed 1st Lien																								
25-May-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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25-Apr-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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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
228 ARM																								
25-May-06	0	0	0	0	0	0	3	557,824	0	0	0	0	0	0	0	0	1	148,583	0	0	0	0	0	0
25-Apr-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
27-Mar-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

228 ARM																								
25-May-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.22%	0.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.07%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25-Apr-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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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
327 ARM																								
25-May-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
25-Apr-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
27-Mar-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

327 ARM																								
25-May-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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25-Apr-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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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-May-06	1,564	410,116,506	55	15,857,428	0.00	0.00	477,919.97	1	20,185	114	7.56%	7.05%
25-Apr-06	1,620	426,679,755	29	8,042,812	0.00	0.00	0.00	0	0	119	7.56%	7.06%
27-Mar-06	1,649	434,934,263	34	10,029,374	0.00	0.00	0.00	0	0	122	7.57%	7.06%
Fixed 1st Lien												
25-May-06	119	27,009,999	3	373,708	0.00	0.00	0.00	0	0	114	7.09%	6.59%
25-Apr-06	122	27,407,402	1	283,500	0.00	0.00	0.00	0	0	116	7.09%	6.58%
27-Mar-06	123	27,715,760	4	1,303,599	0.00	0.00	0.00	0	0	118	7.13%	6.62%

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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
228 ARM												
25-May-06	1,373	365,417,250	51	15,185,603	0.00	0.00	477,919.97	1	20,185	114	7.62%	7.11%
25-Apr-06	1,425	381,276,520	27	7,612,114	0.00	0.00	0.00	0	0	119	7.62%	7.11%
27-Mar-06	1,452	389,066,489	28	8,215,048	0.00	0.00	0.00	0	0	122	7.63%	7.12%

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
327 ARM												
25-May-06	72	17,689,257	1	298,116	0.00	0.00	0.00	0	0	116	7.08%	6.58%
25-Apr-06	73	17,995,833	1	147,197	0.00	0.00	0.00	0	0	118	7.08%	6.57%
27-Mar-06	74	18,152,015	2	510,727	0.00	0.00	0.00	0	0	120	7.06%	6.55%

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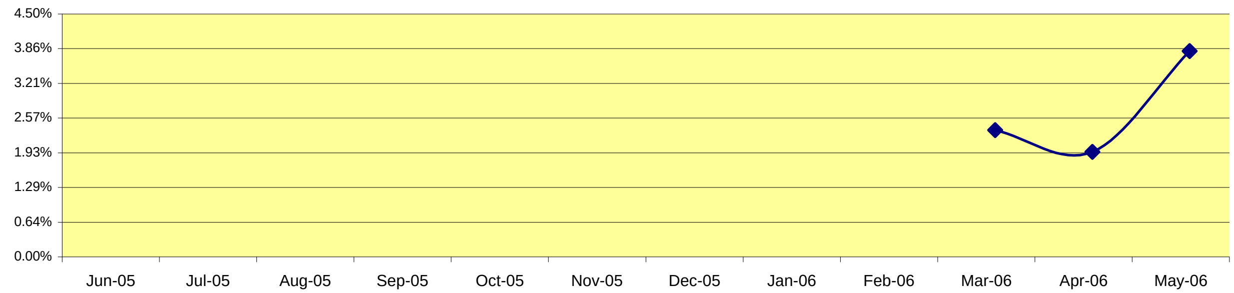
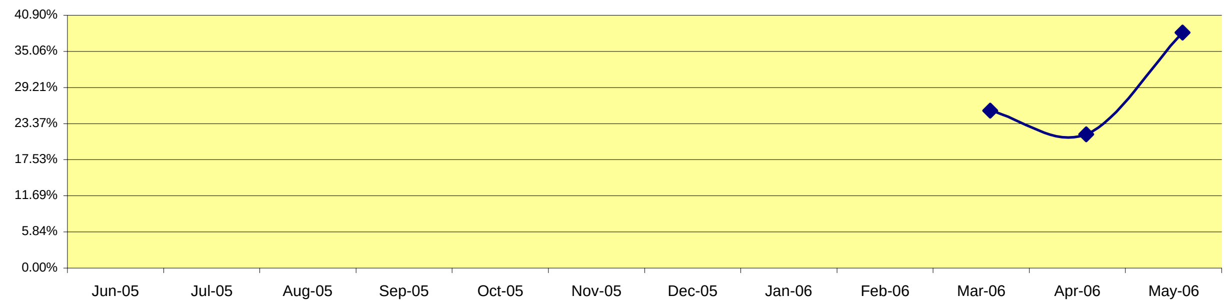
Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-06
Prepayment Summary

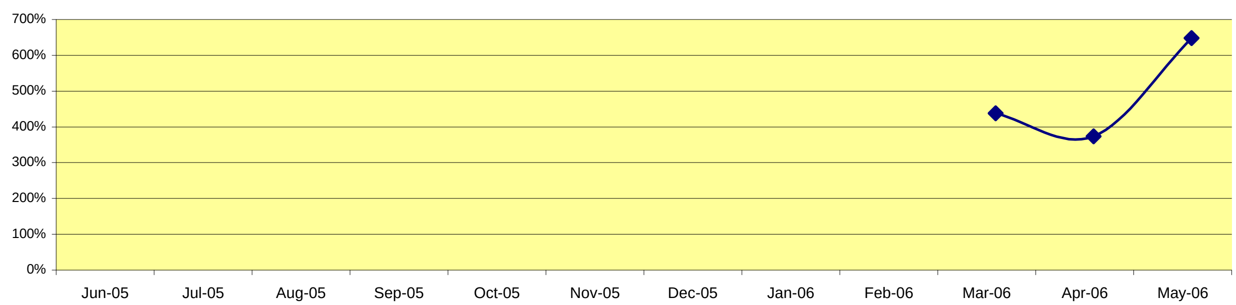
SMM (Single Monthly Mortality)	**Total**
Current Period	3.72%
3-Month Average	2.61%
6-Month Average	2.61%
12-Month Average	2.61%
Average Since Cut-Off	2.61%



CPR (Conditional Prepayment Rate)	**Total**
Current Period	36.53%
3-Month Average	26.85%
6-Month Average	26.85%
12-Month Average	26.85%
Average Since Cut-Off	26.85%



PSA (Public Securities Association)	**Total**
Current Period	609%
3-Month Average	447%
6-Month Average	447%
12-Month Average	447%
Average Since Cut-Off	447%



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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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-06
Mortgage Loan Characteristics Part I

Distribution by Current Ending Principal Balance

Min		Max	Count	% of Total	Balance	% of Total
49,000	to	100,000	156	9.97%	11,878,457	2.90%
100,000	to	127,000	121	7.74%	13,672,732	3.33%
127,000	to	154,000	139	8.89%	19,446,766	4.74%
154,000	to	181,000	126	8.06%	21,134,470	5.15%
181,000	to	208,000	127	8.12%	24,665,627	6.01%
208,000	to	233,000	113	7.23%	24,882,070	6.07%
233,000	to	282,000	194	12.40%	50,120,551	12.22%
282,000	to	331,000	162	10.36%	49,786,214	12.14%
331,000	to	380,000	114	7.29%	40,298,914	9.83%
380,000	to	429,000	95	6.07%	38,436,673	9.37%
429,000	to	477,000	61	3.90%	27,734,667	6.76%
477,000	to	750,000	156	9.97%	88,059,365	21.47%
			1,564	100.00%	410,116,506	100.00%

Distribution by Cut-off Principal Balance

Min		Max	Count	% of Total	Balance	% of Total
49,000	to	101,000	168	9.98%	12,888,830	2.90%
101,000	to	128,000	130	7.72%	14,880,766	3.34%
128,000	to	155,000	141	8.38%	19,949,775	4.48%
155,000	to	182,000	143	8.50%	24,175,429	5.43%
182,000	to	209,000	136	8.08%	26,582,213	5.97%
209,000	to	236,000	126	7.49%	28,017,275	6.29%
236,000	to	285,000	214	12.72%	56,074,448	12.60%
285,000	to	334,000	169	10.04%	52,589,269	11.81%
334,000	to	383,000	118	7.01%	42,156,549	9.47%
383,000	to	432,000	102	6.06%	41,455,045	9.31%
432,000	to	481,000	67	3.98%	30,650,421	6.88%
481,000	to	750,000	169	10.04%	95,757,177	21.51%
			1,683	100.00%	445,177,198	100.00%

Distribution by Current Mortgage Rate

Min		Max	Count	% of Total	Balance	% of Total
5.00%	to	6.44%	141	9.02%	46,843,513	11.42%
6.44%	to	6.69%	100	6.39%	32,959,868	8.04%
6.69%	to	6.94%	136	8.70%	40,088,370	9.77%
6.94%	to	7.19%	131	8.38%	36,561,139	8.91%
7.19%	to	7.44%	118	7.54%	35,086,475	8.56%
7.44%	to	7.74%	163	10.42%	46,985,075	11.46%
7.74%	to	8.02%	203	12.98%	51,493,288	12.56%
8.02%	to	8.28%	103	6.59%	26,114,881	6.37%
8.28%	to	8.55%	124	7.93%	30,396,360	7.41%
8.55%	to	8.81%	94	6.01%	20,208,417	4.93%
8.81%	to	9.13%	93	5.95%	19,522,019	4.76%
9.13%	to	12.16%	158	10.10%	23,857,102	5.82%
			1,564	100.00%	410,116,506	100.00%

Distribution by Original Mortgage Rate

Min		Max	Count	% of Total	Balance	% of Total
5.00%	to	6.48%	164	9.74%	54,639,932	12.27%
6.48%	to	6.73%	118	7.01%	35,924,330	8.07%
6.73%	to	6.98%	151	8.97%	44,712,056	10.04%
6.98%	to	7.23%	130	7.72%	37,857,023	8.50%
7.23%	to	7.48%	125	7.43%	36,859,471	8.28%
7.48%	to	7.74%	156	9.27%	45,894,530	10.31%
7.74%	to	8.00%	218	12.95%	56,077,098	12.60%
8.00%	to	8.27%	115	6.83%	28,759,228	6.46%
8.27%	to	8.53%	125	7.43%	31,599,770	7.10%
8.53%	to	8.80%	106	6.30%	23,713,106	5.33%
8.80%	to	9.09%	104	6.18%	22,658,712	5.09%
9.09%	to	12.16%	171	10.16%	26,481,943	5.95%
			1,683	100.00%	445,177,198	100.00%

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-06
Mortgage Loan Characteristics Part II

Distribution by Product Characteristics (Current)

Product Type	# of Loans	Ending Scheduled Balance	% of Balance	WAMM	WAC
228 ARM	1,373	365,417,250	89.10%	354.32	7.61%
Fixed 1st Lien	119	27,009,999	6.59%	347.78	7.09%
327 ARM	72	17,689,257	4.31%	353.44	7.08%
Total	1,564	410,116,506	100.00%		

Distribution by Product Characteristics (Cut-off)

Product Type	# of Loans	Original Principal Balance	% of Balance	WAMM	WAC
228 ARM	1,480	397,460,823	89.28%	360.00	7.63%
Fixed 1st Lien	127	29,042,910	6.52%	354.08	7.13%
327 ARM	76	18,673,465	4.19%	360.00	7.06%
Total	1,683	445,177,198	100.00%		

Distribution by Property Types (Current)

Property Type	# of Loans	Ending Scheduled Balance	% of Balance	WAMM	WAC
SF Unattached Dwelling	1,158	292,656,943	71.36%	353.78	7.56%
PUD	160	48,861,592	11.91%	354.09	7.51%
Multifamily	154	46,927,182	11.44%	353.94	7.51%
Condo - Low Facility	92	21,670,789	5.28%	354.14	7.71%
Total	1,564	410,116,506	100.00%		

Distribution by Property Types (Cut-off)

Property Type	# of Loans	Ending Scheduled Balance	% of Balance	WAMM	WAC
SF Unattached Dwelling	1,246	316,837,576	71.17%	359.46	7.57%
PUD	176	54,591,113	12.26%	360.00	7.56%
Multifamily	165	50,748,808	11.40%	360.00	7.50%
Condo - Low Facility	96	22,999,701	5.17%	360.00	7.73%
Total	1,683	445,177,198	100.00%		

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-06
Mortgage Loan Characteristics Part II

Distribution by Occupancy Type (Current)

Occupancy Type	# of Loans	Ending Scheduled Balance	% of Balance	WAMM	WAC
Owner Occupied - Primary Residence	1,443	385,557,024	94.01%	353.84	7.53%
Non-Owner Occupied	110	22,451,343	5.47%	353.97	7.93%
Owner Occupied - Secondary Residence	11	2,108,140	0.51%	354.86	8.32%
Total	1,564	410,116,506	100.00%		

Distribution by Occupancy Type (Cut-off)

Occupancy Type	# of Loans	Ending Scheduled Balance	% of Balance	WAMM	WAC
Owner Occupied - Primary Residence	1,550	417,725,998	93.83%	359.59	7.54%
Non-Owner Occupied	120	25,044,587	5.63%	360.00	7.99%
Owner Occupied - Secondary Residence	13	2,406,614	0.54%	360.00	8.31%
Total	1,683	445,177,198	100.00%		

Distribution by Loan Purpose (Current)

Loan Purpose	# of Loans	Ending Scheduled Balance	% of Balance	WAMM	WAC
Refinance/Equity Takeout	1,110	296,326,872	72.25%	353.89	7.55%
Purchase	299	80,583,525	19.65%	353.95	7.51%
Refinance/No Cash Out	155	33,206,109	8.10%	353.28	7.69%
Total	1,564	410,116,506	100.00%		

Distribution by Loan Purpose (Cut-off)

Loan Purpose	# of Loans	Ending Scheduled Balance	% of Balance	WAMM	WAC
Refinance/Equity Takeout	1,200	323,581,966	72.69%	359.58	7.56%
Purchase	319	86,488,042	19.43%	360.00	7.56%
Refinance/No Cash Out	164	35,107,190	7.89%	358.95	7.73%
Total	1,683	445,177,198	100.00%		

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-06
Mortgage Loan Characteristics Part II

Distribution by Originator Concentration > 10% (Current)

Originator	# of Loans	Ending Scheduled Balance	% of Balance	WAMM	WAC
Ecmc	1,564	410,116,506	100.00%	353.85	7.55%

Distribution by Originator Concentration > 10% (Cut-off)

Originator	# of Loans	Ending Scheduled Balance	% of Balance	WAMM	WAC
Ecmc	1,683	445,177,198	100.00%	359.61	7.57%

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-06
Geographic Concentration

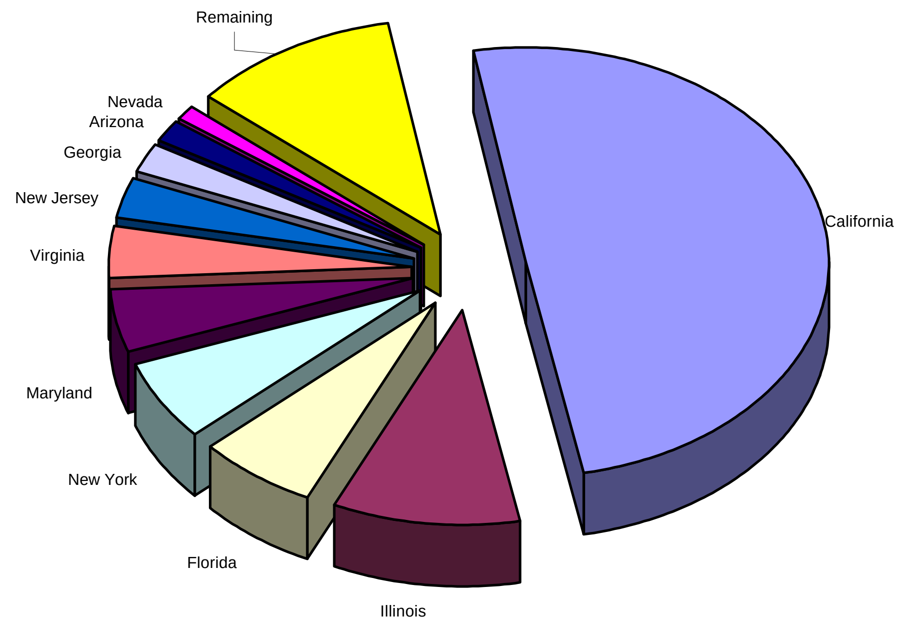
Top 10 Current State Concentration

Geographic Distribution	# of Loans	Scheduled Balance [1]	% of Balance	WAMM	WAC
California	578	203,381,751	49.59%	354	7.24%
Illinois	204	42,087,768	10.26%	354	7.98%
Florida	127	25,784,013	6.29%	354	7.68%
New York	75	25,132,945	6.13%	354	7.53%
Maryland	78	19,628,148	4.79%	354	7.78%
Virginia	58	15,409,109	3.76%	353	7.73%
New Jersey	50	13,018,483	3.17%	354	7.74%
Georgia	37	8,365,510	2.04%	354	7.93%
Arizona	31	6,767,373	1.65%	354	7.50%
Nevada	21	5,281,022	1.29%	354	7.49%
Remaining	305	45,260,384	11.04%	354	8.23%

Top 10 Original State Concentration

Geographic Distribution	# of Loans	Scheduled Balance [1]	% of Balance	WAMM	WAC
California	627	220,452,080	49.52%	360	7.26%
Illinois	227	48,165,293	10.82%	360	8.01%
New York	80	27,035,632	6.07%	360	7.54%
Florida	133	26,979,464	6.06%	360	7.66%
Maryland	83	21,122,399	4.74%	360	7.76%
Virginia	65	17,938,410	4.03%	359	7.76%
New Jersey	53	13,988,085	3.14%	360	7.78%
Georgia	38	8,482,941	1.91%	360	7.92%
Arizona	35	7,552,035	1.70%	360	7.56%
Nevada	24	5,934,826	1.33%	360	7.56%
Remaining	318	47,526,033	10.68%	359	8.24%

Top 10 Current State Concentration



[1] Based on Current Period Ending Principal Balance

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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
15912872	200605	498,105.18	477,919.97	20,185.21	0.00	20,185.21	0.00	20,185.21	20,185.21	S	
15913630	200605	0.00	0.00		0.00		(28.00)		0.00	P	
15914018	200605	0.00	0.00		0.00		(10.25)		0.00	P	
Current Total		498,105.18	477,919.97	20,185.21	0.00	20,185.21	(38.25)	20,223.46	20,223.46		
Cumulative		498,105.18	477,919.97	20,185.21	0.00	20,185.21	(38.25)	20,223.46	20,223.46		

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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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

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

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
	Current Realized Loss				Previous Liquidations/Payoffs							
					Amount	Count	Amount	Count	Amount	Count		
25-May-06	498,105.18	477,919.97	20,185.21	1	0.00	0	0.00	0	(38.25)	2	20,223.46	20,223.46
Total	498,105.18	477,919.97	20,185.21	1	0.00	0	0.00	0	(38.25)	2	20,223.46	

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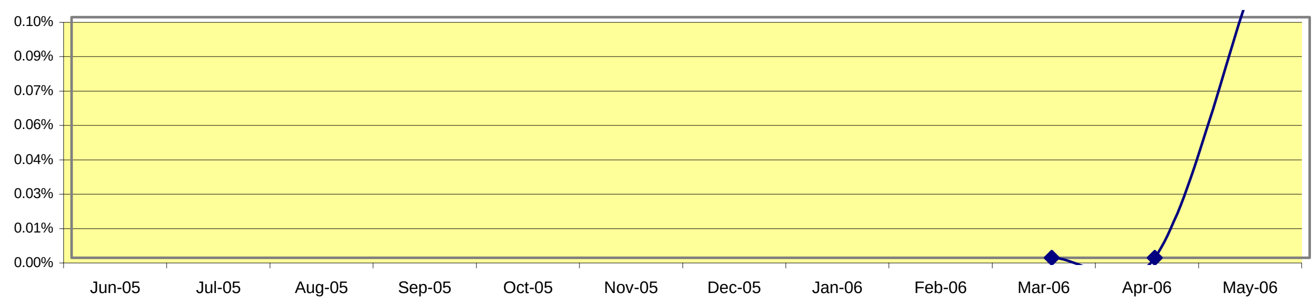
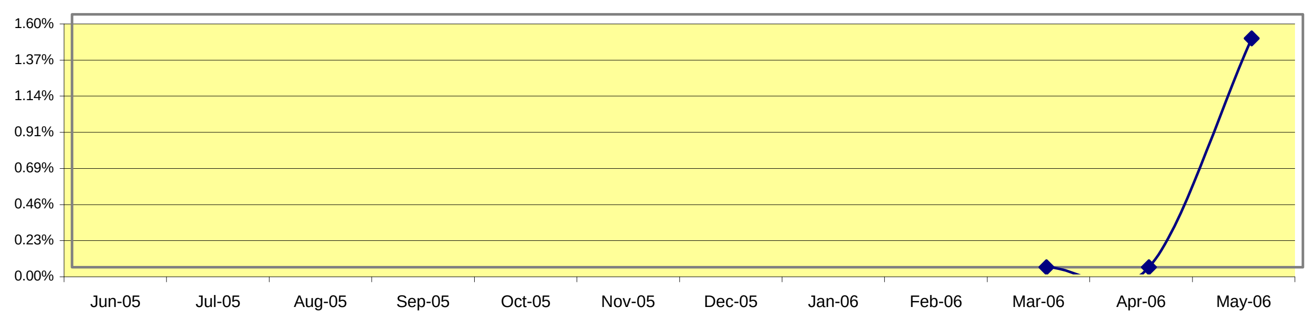
Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-06
Realized Loss Summary

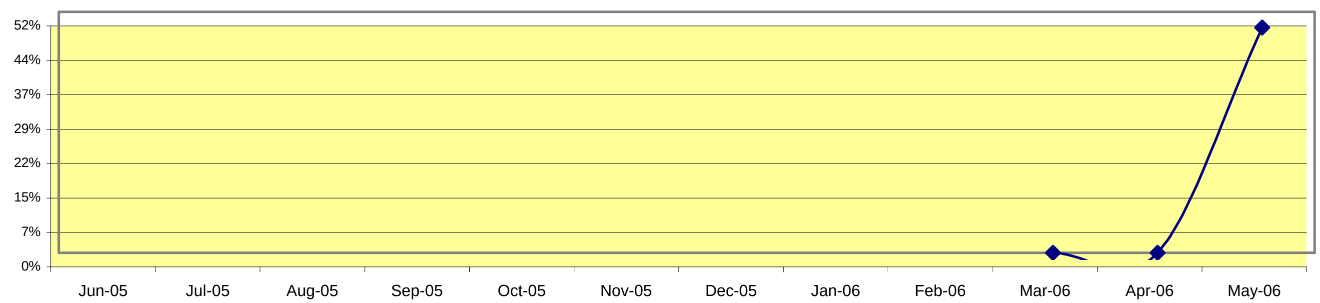
MDR (monthly Default Rate)	**Total**
Current Period	0.12%
3-Month Average	0.04%
6-Month Average	0.02%
12-Month Average	0.01%
Average Since Cut-Off	0.04%



CDR (Conditional Default Rate)	**Total**
Current Period	1.45%
3-Month Average	0.48%
6-Month Average	0.24%
12-Month Average	0.12%
Average Since Cut-Off	0.48%



SDA (Standard Default Assumption)	**Total**
Current Period	48.26%
3-Month Average	16.09%
6-Month Average	8.04%
12-Month Average	4.02%
Average Since Cut-Off	16.09%



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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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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.

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Bear Stearns Asset Backed Securities I Trust
Asset-Backed Certificates
Series 2006-EC2

Distribution Date: 25-May-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.

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