

Foreclosure Mitigation Analysis for Financial Institutions

- Fundamental bottom up analysis at the loan level based on income and geographic location.
- System oriented digital solution to process bulk loan by loan modifications across the nation.
- Complete cash flow based loss mitigation and NPV analysis of new, existing or proposed programs.

Offering Solutions

- Loan Modification Program:
 - Beyondbond has developed a flexible Proprietary Loan Modification Program. An “Alternative HOPE Program for Financial Institutions” is the working title. Our program is focused on affordable payment levels and principal repayment versus reducing interest rates.
- Technology Infrastructure:
 - Beyondbond has built the Technology Infrastructure to assist any Lender or Servicer to modify loans in bulk or loan by loan, using any Loan Modification Program, not just Beyondbond’s. An exemplary screen shot is included in this presentation and a fully functional DEMO is available on www.beyondbondllc.com.
- Independent Research and Consulting Platform:
 - Beyondbond has performed quantitative research on consumer behavior and housing prices for over 19 MM loans. Beyondbond uses that research to create Housing Valuation, Default and Loss Severity models. The most urgent analysis being undertaken by Beyondbond is understanding loss severities of existing programs and projecting re-default rates and for various loan modification programs to date.
 - Beyondbond has experienced former Traders, Wall Street Analysts and Consultants available to assist with implementing core as well as variants of any Loan Modification Program, as well as Securitization transaction management, pricing, rating agency support and other capital market services.

Architecture of Technology Suite



A Powerful Combination of Analytics with Technology

Beyondbond’s analytical infrastructure combines powerful proprietary models with state-of-the-art technology and vendor applications/data sources.

Our proprietary financial models include: Default and Loss models - focused on Subprime, ALT-A, Prime Mortgages, and Commercial Mortgages.

In addition to the various models, the portfolio management system is also able to support securities such as: U.S Government (Bills, Notes, Bonds, Treasury Futures, and Options), Agency, Corporate, Mortgage, ABS, RMBS, CMBS, CMO, IR Derivatives, CDO, Swaps, CAP/FLR.

To efficiently enable real-time information access and timely analyses, the Financial Engine can connect to a wide range of major data vendors such as: Reuters, Bloomberg, Loan Performance, Realpoint, NRSROs, etc...

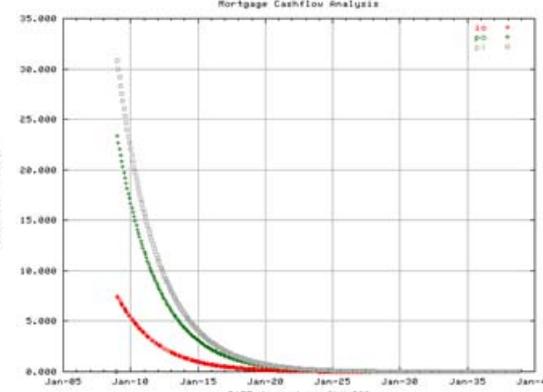
Our Technology Suite of Analytics



Loan Evaluation System

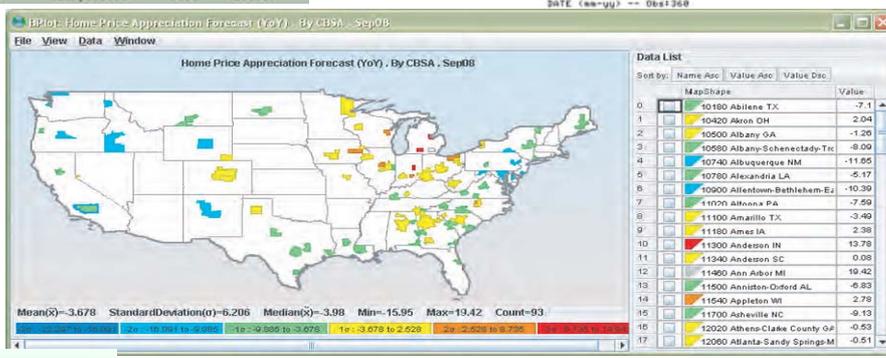
20Loans

Cfs	ID	Anchor	Price	Yield	Type	Settle	Issue	Delay	OrigBal	CurBal	Iwc	Wac	Serv	Wam	Age	OrgBln	IO	Tsr	Mgn	Cap0	Cap	LifeCap	LifeFr	Dti	Fic	Ltv	Lien	Doc
View	1	Price	38.01	15.00	ARM	20080501	20050301	25	180931.3	127200.5	5.8	10.34	0.5	322	38	360	0	0	2.875	3	1	15.26	2.875	15	590.35	85.92	1	Full
View	2	Price	56.35	15.00	ARM	20080501	20050301	25	312375.6	291345.4	6.88	6.88	0.5	322	38	360	120	0	4.924	3	1	13.45	4.924	26	637.32	85	1	Full
View	3	Price	64.05	15.00	ARM	20080501	20050301	25	167108.2	143342.7	7.41	10.53	0.5	322	38	360	0	24	5.191	3	1	13.69	5.191	23	600.46	82.59	1	Limited
View	4	Price	60.32	15.00	ARM	20080501	20050301	25	217822.6	191615.3	6.9	9.86	0.5	322	38	360	24	24	7.1	3	2	16.31	7.1	17	650.05	83.87	1	Full
View	5	Price	66.69	15.00	ARM	20080501	20050301	25	177176.2	162067.1	7.25	7.26	0.5	322	38													
View	6	Price	34.94	15.00	ARM	20080501	20050301	25	218302.2	208312.3	6.81	6.84	0.5	322	38													
View	7	Price	65.72	15.00	ARM	20080501	20050301	25	162748.4	149048.7	6.19	6.19	0.5	322	38													
View	8	Price	73.23	15.00	ARM	20080501	20050301	25	247900.6	226559.4	6.8	7.79	0.5	322	38													
View	9	Price	37.11	15.00	ARM	20080501	20040301	25	233773.8	217961.1	7.7	10.13	0.5	310	50													
View	10	Price	56.80	15.00	ARM	20080501	20040301	25	192578.3	143617.5	8.2	8.2	0.5	310	50													
View	11	Price	68.10	15.00	ARM	20080501	20040301	25	163474.1	158592.6	8.72	8.73	0.5	310	50													
View	12	Price	64.56	15.00	ARM	20080501	20040301	25	243159.3	220379.2	7.87	7.87	0.5	310	50													
View	13	Price	36.66	15.00	ARM	20080501	20040301	25	146579.4	140777.9	8.74	8.78	0.5	310	50													
View	14	Price	37.56	15.00	ARM	20080501	20040301	25	217411.8	206543.8	7.56	7.56	0.5	310	50													
View	15	Price	67.99	15.00	ARM	20080501	20050301	25	246477.7	214290.9	8.14	8.14	0.5	322	38													
View	16	Price	73.24	15.00	ARM	20080501	20040601	25	231598.2	227700.6	8.03	8.03	0.5	313	47													
View	17	Price	64.02	15.00	FRM	20080501	20050301	25	171438.1	166049.1	7.01	6.97	0.5	322	38													
View	18	Price	62.04	15.00	FRM	20080501	20050301	25	240532.3	234585.4	6.73	6.73	0.5	322	38													
View	19	Price	67.63	15.00	FRM	20080501	20060301	25	165716.4	161216.9	8.11	8.07	0.5	334	26													
View	20	Price	36.66	15.00	FRM	20080501	20060301	25	231431.3	227925.3	7.45	7.45	0.5	334	26													



Home Price Appreciation Forecast

- Home Price Forecasts at the National, State, CBSA and ZIP Code Level
- Up-to-date Current Loan-to-Value Calculation
- Dynamic Severity Analysis based on Detailed Home Price Forecasts



Loan ID	INDYMAC 2007-AR01 : 21182254			
Property Value Change (%)	-1.51	Since Origination		
Income Level Change (%)	-5			
Product Type	10 YR I.O. ARM			
Payment Status	Current			
Current Program	Issue	Latest		
Factor Date (YMD)	20061201	20081101		
Balance (\$)	292000	291907.23		
Int.Rate (%)	7.625	7.625		
Payment (\$)	1855.42	1854.83		
LTV (%)	80	81.2		
DTI (%)	42.4	39.99		
Property Value (\$)	365000	359488.5		
Income Level(\$/mo)	4375.99	4638.55		
Location	VA	Washington-Arlington-Alex		
Modified Program*	Current	A	B	C
Issue Date (YMD)	20081201	20081201	20081201	20081201
Rate (%)	7.625	6.7938	7.625	7.625
Term (yrs)	28	30	30	40
LTV Cap (%)	90	90	90	90
DTI Cap (%)	41	41	41	41
Cost/Benefit Analysis	Current	A	B	C
Forbearance Severity (%)		80.00	80.00	80.00
Hurdle Yield (%)		6.00	6.00	6.00
Refi Payment (\$)	1854.83	1901.81	1727.79	1560.43
Payment Saved(\$)		-46.98	127.04	294.4
Refi Balance (\$)	291907.23	291907.23	291907.23	291907.23
Forbearance (\$)		0.00	0.00	0.00
Forgiving (\$)		0.00	0.00	0.00
Refi LTV (%)	81.20	81.20	81.20	81.20
Refi DTI (%)	39.99	41.00	37.25	33.64
StepUp Rate (%)			2.02	2.04
Re-default Prob. (%)		10.00	8.00	5.00
Loss Severity (%)		31.00	31.00	31.00
NPV Analysis	Current	A	B	C
Current Balance (\$)	\$291,907.23	\$291,907.23	\$291,907.23	\$291,907.23
NPV (\$)	\$237,178.75	\$291,966.71	\$302,072.15	\$299,063.97
Forbearance Recovery (\$)	\$0.00	\$0.00	\$0.00	\$0.00
+ Total NPV (\$)	\$237,178.75	\$291,966.71	\$302,072.15	\$299,063.97
Total Loss (\$)	\$54,728.48	\$(59.48)	\$(1,164.92)	\$(7,156.74)

Loan Modification Program NPV Analysis

Complete NPV Analysis:

- Cash flow based Net Presentation Value Calculation
- Forgiveness and Forbearance recovery amount Estimation
- Re-default Probability Projection
- Total Loss/Writedown Cost Benefit Analysis among Alternative Programs.

A: Level Payment Mortgage:

Term: Up to 40 years.
 Amortization: Up to 40 years.
 Interest Rate: Fixed, determined by HOPE-A Program.
 Loan Amount: 100% of the unpaid principal balance up to \$750,000, subject to the borrower meeting the back end debt to income ratio test.

B: Graduated Payment Mortgage (fixed annual step-up increases):

Term: Up to 40 years.
 Years until level: Up to fifteen years.
 Payment increase: 3% per annum.
 Loan Amount: 100% of the unpaid principal balance up to \$750,000, subject to the borrower meeting the back end debt to income ratio test.

C: Income Indexed Payment Mortgage (variable annual step-up payment increases):

Term: Up to 40 years.
 Years until level: Up to fifteen years.
 Payment increase: Indexed based on current documented Income, utilizing proprietary Beyondbond technology.
 Loan Amount: 100% of the unpaid principal balance up to \$750,000, subject to the borrower meeting the back end debt to income ratio test.

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