# Fannie Mae 2008 Q1 10-Q Investor Summary <br> FannieMae 

May 6, 2008

## FannieMae

- These materials present tables and other information about Fannie Mae, including information contained in Fannie Mae's Quarterly Report on Form 10-Q for the quarter ended March 31, 2008 ("2008 Q1 Form 10-Q"). These materials should be reviewed together with the 2008 Q1 Form 10-Q, copies of which are available on the company's Web site at www.fanniemae.com under the "Investor Relations" section of the Web site.
- More complete information about Fannie Mae, its business, business segments, financial condition and results of operations is contained in its 2008 Q1 Form 10-Q, which also includes more detailed explanations and additional information relating to the information contained in this presentation. Footnotes to the included tables have been omitted.


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## Forward Looking Statements/Risk Factors

This presentation includes forvard-looking statements, including statements relating to our future capital position, financial performance and condition, ability to take advantage of business opportunities, market share and credit losses; our strategy; the fair value of our net assets; our expectations regarding the housing, credit and mortgage markets; volatility in our results; and our future credit loss ratio. Future results may differ materially from what is indicated in these forvard-looking statements. Factors that could cause actual results to differ materially include, but are not limited to, greater than expected delinquencies and credit losses on the mortgages we hold or guaranty; impairments, delinquencies and losses on loans that back our private-label mortgage-related securities investments; further declines in home prices in excess of our current expectations; a recession or other economic downturn; a default by one or more of our significant institutional counterparties on its obligations to us; the loss of business volume from any of our key lender customers; widening of credit spreads; and changes in interest rates, as well as others described in the "Risk Factors" sections in Fannie Mae's annual report on Form 10-K for the year ended December 31, 2007 ("2007 Form 10-K") and 2008 Q1 Form 10-Q and in its reports on Form 8-K.

Other terms used but not defined in this presentation may be defined in our 2007 Form 10-K or 2008 Q1 Form 10-Q.

## A FannieMae

## 2008 Q1 Executive Summary

- Net loss decreased \$1.4 billion from (\$3.6 billion) in 2007 Q4 to (\$2.2 billion) in 2008 Q1.
- Net revenues grew $\$ 0.7$ billion or $21.8 \%$, driven by increases in guaranty fee income and net interest income.
- Fair value losses increased $\$ 0.9$ billion or $27.3 \%$ from $\$ 3.4$ billion to $\$ 4.4$ billion driven by wider spreads on trading assets and interest rate declines that caused derivatives losses to remain high.
- The provision for credit losses plus foreclosed property expenses rose to $\$ 3.2$ billion from $\$ 3.0$ billion in 2007 Q4 primarily due to an increase in charge-offs. This reflects higher defaults and average loss severities, driven by national home price declines and weak economic conditions in the Midwest.
- EPS increased \$1.23 from (\$3.80) in 2007 Q4 to (\$2.57) in 2008 Q1.
- Capital in excess of the OFHEO mandated $20 \%$ surplus increased to $\$ 5.1$ billion in 2008 Q1 versus $\$ 3.9$ billion in 2007 Q4 primarily due to the reduction of the surplus requirement from $\mathbf{3 0 \%}$ to $\mathbf{2 0 \%}$.
- Progress with regulator on reducing excess capital levels.
- Fannie Mae announced plans to raise $\$ 6$ billion in new capital.
- Public offerings of common stock, non-cumulative mandatory convertible preferred stock and, in the very near future, noncumulative, non-convertible preferred stock.
- New capital will enable us to maintain a strong conservative balance sheet, enhance long-term shareholder value, and provide stability to the secondary mortgage market.
- Credit remains a top focus of the company.
- Management continues to tighten eligibility standards and actively mitigate credit losses.


## - Addressing market-related volatility impact on capital

- Eliminated losses on certain guaranty contracts as a result of adopting new accounting standard, SFAS 157.
- On January 1, 2008, in connection with a new accounting standard, SFAS 159, we re-designated $\$ 18.1$ billion of agency securities as trading which we expect will have the effect of reducing the impact of changing interest rates on our derivatives marked-tomarket.
- In mid-April, we implemented hedge accounting which we expect will have the effect of decreasing the impact of derivative mark to market changes.
- Implemented HomeSaver Advance ${ }^{T M}$ initiative which we expect will allow homeowners to stay in their homes and also will mitigate losses on loans purchased from MBS trusts.


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## Consolidated Financial Results

| (dollars in millions, except per share amounts) | Detail on slide: | 2008 Q1 | 2007 Q4 ${ }^{(1)}$ | 2007 Q3 ${ }^{(1)}$ | 2007 Q2 ${ }^{(1)}$ | 2007 Q1 ${ }^{(1)}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 Net interest income | 5 | \$ 1,690 | \$ 1,136 | \$ 1,058 | \$ 1,193 | \$ 1,194 |
| 2 Guaranty fee income | 6 | 1,752 | 1,621 | 1,232 | 1,120 | 1,098 |
| 3 Trust management income |  | 107 | 128 | 146 | 150 | 164 |
| 4 Fee and other income | 45 | 227 | 214 | 217 | 257 | 277 |
| 5 Net revenues |  | 3,776 | 3,099 | 2,653 | 2,720 | 2,733 |
| 6 Fair value gains (losses), net | 7, 8 | $(4,377)$ | $(3,439)$ | $(2,087)$ | 1,424 | (566) |
| 7 Investment gains (losses), net | 10 | (111) | (915) | (154) | (93) | 295 |
| 8 Losses from partnership investments |  | (141) | (478) | (147) | (215) | (165) |
| 9 Losses on certain guaranty contracts ${ }^{(2)}$ |  | - | (386) | (294) | (461) | (283) |
| 10 Credit-related expenses | 12 | $(3,243)$ | $(2,973)$ | $(1,200)$ | (518) | (321) |
| 11 Administrative expenses |  | (512) | (651) | (660) | (660) | (698) |
| 12 Other non-interest expenses |  | (505) | (427) | (95) | (60) | (104) |
| 13 Net losses and expenses |  | $(8,889)$ | $(9,269)$ | $(4,637)$ | (583) | $(1,842)$ |
| 14 Income (loss) before federal income taxes and extraordinary gains (losses) |  | $(5,113)$ | $(6,170)$ | $(1,984)$ | 2,137 | 891 |
| 15 Benefit (provision) for federal income taxes |  | 2,928 | 2,623 | 582 | (187) | 73 |
| 16 Extraordinary gains (losses), net of tax effect |  | (1) | (12) | 3 | (3) | (3) |
| 17 Net income (loss) |  | \$ (2,186) | \$ (3,559) | \$ (1,399) | \$ 1,947 | \$ 961 |
| 18 Diluted earnings (loss) per common share |  | \$ (2.57) | \$ (3.80) | \$ (1.56) | \$ 1.86 | \$ 0.85 |
| ${ }^{(1)}$ Certain amounts have been reclassified to conform to the current period presentation. |  |  |  |  |  |  |

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## Tax-Equivalent Net Interest Income and Yield

$\square$ Average Interest Earning Assets

| (Avg Balance <br> in billions) | - Net Interest Yield | (Net Interest Yield <br> in basis points) |
| :--- | :--- | :--- |



Step rate debt impact (\$M) 22
is reflects the reversal of interest accrued on step-rate debt because the debt was called before all the interest was paid.

- SOP 03-3 accretion increased net interest income by $\$ 35$ million in 2008 Q1 (2 bps positive impact on net interest yield), $\$ 38$ million in 2007 Q4 (2 bps), \$21 million in 2007 Q3 (1 bp), \$14 million in 2007 Q2 (1 bp), and $\$ 7$ million in 2007 Q1 (less than 1 bp ).
- If current market conditions continue, we expect net interest yield (excluding the benefit received from the redemption of step rate debt securities during 2008 Q1) to continue to increase for the remainder of 2008.

Our net interest yield reflected the benefits of a steeper yield curve as we shifted our
funding mix to a higher proportion of lower-rate, short-term debt.

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## Guaranty Fee Income



- Accretion of previously recognized losses on certain guaranty contracts (LCGC) increased guaranty fee income by $\$ 297$ million in 2008 Q1, \$276 million in 2007 Q4, $\$ 144$ million in 2007 Q3, $\$ 91$ million in 2007 Q2, and $\$ 92$ million in 2007 Q1. These accretion amounts will be more than the cumulative LCGC recognized in previous periods due to the treatment of upfront cash items and credit enhancements received at the inception of the guaranty contracts.
- Amortization of deferred fees accounted for a substantial portion of the increase in effective guaranty fee rate from 2007 Q3 to 2007 Q4. Such amortization was roughly flat in 2008 Q1 versus 2007 Q4.
- Average charged guaranty fee on new business was 25.9 bps in 2008 Q1 versus 29.2 bps in 2007 Q4. Average charged fee for March 2008 was 27.9 bps from 26.5 bps for December 2007 and 25.6 bps for March 2007.
- Price increases went into effect on March 1, 2008, and an additional price increase is scheduled to go into effect in June 2008. The impact of the March price increase was partially offset by a decline in acquisitions of higher-risk, higher-priced product such as Alt-A.


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## Fair Value Items

Effect on 2008 Q1 Results of Operations of Significant Market-Based Valuation Adjustments

```
(dollars in millions)
Derivatives fair value gains (losses), net
Gains (losses) on trading securities, net
Debt foreign exchange gains (losses), net
Debt fair value gains, net
    Fair value gains (losses), net
SOP 03-3 fair value losses
Losses on certain guaranty contracts
    Total
```

| 2008 Q1 |  | 2007 Q4 |  | 2007 Q3 |  | 2007 Q2 |  | 2007 Q1 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | $(3,003)$ | \$ | $(3,222)$ | \$ | $(2,244)$ | \$ | 1,916 | \$ | (563) |
|  | $(1,227)$ |  | (215) |  | 290 |  | (501) |  | 61 |
|  | (157) |  | (2) |  | (133) |  | 9 |  | (64) |
|  | 10 |  | - |  | - |  | - |  | - |
|  | $(4,377)$ |  | $(3,439)$ |  | $(2,087)$ |  | 1,424 |  | (566) |
|  | (728) |  | (559) |  | (670) |  | (66) |  | (69) |
|  | - |  | (386) |  | (294) |  | (461) |  | (283) |
| \$ | (5,105) | \$ | $(4,384)$ | \$ | $(3,051)$ | \$ | 897 | \$ | (918) |

- Principal reasons for fair value declines:
- Reduced levels of liquidity in the mortgage and credit markets resulted in wider credit spreads creating significant losses - primarily on our CMBS, subprime, Alt-A, and non-mortgage trading securities.
- Declines in interest rates drove derivative losses with only partial offsets from trading securities.
- Reducing market-related volatility impact on capital:
- Implemented hedge accounting in April 2008, which should have the effect of reducing capital fluctuations associated with changes in interest rates.
- Eliminated losses on certain guaranty contracts as a result of adopting SFAS 157 on January 1, 2008.


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## Fair Value Items

Effect on 2008 Q1 Results of Operations of Significant Market-Based Valuation Adjustments

| (dollars in billions) | (\$1.2) |  |  | (\$4.4) |
| :---: | :---: | :---: | :---: | :---: |
|  |  | (\$3.0) |  |  |
| (\$2.0) | Rates/Volatility |  |  |  |
| (\$3.0)- |  |  | (\$0.1) |  |
| (\$4.0) |  | Spreads |  |  |
| (\$5.0) |  |  | Other | Total |
| Derivatives (\$B) | (\$3.1) | \$ - | \$0.1 | (\$3.0) |
| Trading (\$B) | \$1.8 | (\$3.0) | \$ - | (\$1.2) |
| Other (\$B) | \$ - | \$ - | (\$0.1) | (\$0.1) |
| Total (\$B) | (\$1.2) | (\$3.0) | (\$0.1) | (\$4.4) |

Actions to reduce future interest rate volatility associated with these items:

- In connection with adoption of SFAS 159, moved selected agency MBS to MTM accounting to reduce the impact of changing interest rates on derivative MTM.
- Implemented hedge accounting in April 2008.

Wider credit spreads caused trading losses and lower interest rates triggered derivative losses. Hedge accounting is expected to have the effect of reducing volatility created by interest rates. Spread risk remains in trading portfolio.

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## Trading Portfolio - Mortgage Securities

|  |  |  |  |
| :--- | :--- | :--- | :--- |
| (dollars in billions) <br> gains (losses) pre-tax |  | As of March 31, 2008 |  |

Spread changes will still have an impact on income and capital.

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## Investment Gains (Losses), Net

| (dollars in millions) | 2008 Q1 |  | 2007 Q4 ${ }^{(1)}$ |  | 2007 Q3 ${ }^{(1)}$ |  | 2007 Q2 ${ }^{(1)}$ |  | 2007 Q1 ${ }^{(1)}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Other-than-temporary impairment on AFS securities | \$ | (55) | \$ | (736) | \$ | (75) | \$ |  | \$ | (3) |
| Lower-of-cost-or-market adjustments on held-for-sale loans |  | (71) |  | 12 |  | 3 |  | (115) |  | (3) |
| Gains (losses) on Fannie Mae portfolio securitizations, net |  | 42 |  | (376) |  | (65) |  | (11) |  | 49 |
| Gains on sales of AFS securities, net |  | 33 |  | 325 |  | 52 |  | 55 |  | 271 |
| Other investment losses, net |  | (60) |  | (140) |  | (69) |  | (22) |  | (19) |
| Investment gains (losses), net | \$ | (111) | \$ | (915) | \$ | (154) | \$ | (93) | \$ | 295 |

${ }^{(1)}$ Certain amounts have been reclassified to conform with the current period presentation.

- 2007 Q4 other-than-temporary impairment (\$736 million) was driven by impairment of securities in our liquid investment portfolio. Beginning in 2008 Q1, these securities were re-designated as trading and marked-to-market through fair value gains (losses).


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## Subprime and Alt-A Private-Label Securities (In Portfolio)

| (dollars in billions) | As of 3/31/08 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | UPB |  | Fair Value |  | Gross Unrealized Losses on AFS Securities |  | $\begin{gathered} \text { Net Trading } \\ \text { Losses (2008 Q1) } \end{gathered}$ |  | Avg. Fair Value Price |  | Avg. Credit Enhancement |
| Subprime |  |  |  |  |  |  |  |  |  |  |  |
| AFS | \$ | 25.6 | \$ | 21.4 | \$ | (4.0) |  |  | \$ | 83.66 | 36.8\% |
| Trading |  | 4.8 |  | 3.8 |  |  |  | (0.5) |  | 79.25 | 36.4\% |
| PL Wraps |  |  |  |  |  |  |  |  |  |  |  |
| AFS |  | 0.2 |  | 0.2 |  | (0.0) |  |  |  | 96.55 | 63.0\% |
| Trading |  | 8.1 |  | 7.5 |  |  |  | (0.1) |  | 92.38 | 28.9\% |
| Total Subprime | \$ | 38.7 | \$ | 32.9 | \$ | (4.0) | \$ | (0.5) | \$ | 85.00 | 35.2\% |
| Alt-A |  |  |  |  |  |  |  |  |  |  |  |
| AFS | \$ | 26.7 | \$ | 22.9 | \$ | (4.0) |  |  | \$ | 85.63 | 18.3\% |
| Trading |  | 3.9 |  | 3.0 |  |  |  | (0.6) |  | 77.21 | 57.9\% |
| Total Alt-A | \$ | 30.6 | \$ | 25.8 | \$ | (4.0) | \$ | (0.6) | \$ | 84.56 | 23.4\% |
| TOTAL | \$ | 69.2 | \$ | 58.7 | \$ | (8.0) | \$ | (1.1) | \$ | 84.80 | 30.0\% |

- Since the beginning of 2007, Fannie Mae has recorded through earnings net losses of $\$ 0.9$ billion on Alt-A and $\$ 2.3$ billion on subprime private-label securities and wraps.
- Current unrealized losses at March 31, 2008, on these trading securities is $\$ 2.3$ billion.
- Additional detail regarding these securities is provided in Appendix I, pages 36-38.


## Subprime and Alt-A AFS securities continue to perform and are credit-enhanced.

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## Credit-Related Expenses/Credit Loss Performance Metrics

|  | 200 |  | 2007 |  | 2007 | Q3 | 2007 | Q2 | 200 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (dollars in millions) | Amount | Rate (bps) | Amount | $\begin{gathered} \text { Rate } \\ (\mathrm{bps})^{(1)} \\ \hline \end{gathered}$ | Amount | $\begin{aligned} & \hline \text { Rate } \\ & (\mathrm{bps})^{(1)} \\ & \hline \end{aligned}$ | Amount | $\begin{aligned} & \hline \text { Rate } \\ & (\mathrm{bps})^{(1)} \\ & \hline \end{aligned}$ | Amount | $\begin{gathered} \text { Rate } \\ (\mathrm{bps})^{(1)} \end{gathered}$ |
| Charge-offs, net of recoveries | \$ 630 | 9.0 | \$ 307 | 4.6 | \$ 197 | 3.0 | \$ 154 | 2.5 | \$ 121 | 2.0 |
| Foreclosed property expense | 250 | 3.6 | 233 | 3.5 | 146 | 2.3 | 96 | 1.5 | 85 | 1.4 |
| Credit losses, excluding the impact of SOP 03-3 | 880 | 12.6 | 540 | 8.1 | 343 | 5.3 | 250 | 4.0 | 206 | 3.4 |
| SOP 03-3 fair value losses | 728 | 10.5 | 559 | 8.3 | 670 | 10.5 | 66 | 1.1 | 69 | 1.2 |
| Impact of SOP 03-3 on charge-offs and foreclosed property expense | (169) | (2.4) | (110) | (1.6) | (62) | (1.0) | (26) | (0.4) | (25) | (0.4) |
| Credit losses, including the impact of SOP 03-3 | 1,439 | 20.7 | 989 | 14.8 | 951 | 14.8 | 290 | 4.7 | 250 | 4.2 |
| Increase in allowance for loan losses and reserve for guaranty losses | 1,804 |  | 1,984 |  | 249 |  | 228 |  | 71 |  |
| Credit-related expenses | \$ 3,243 |  | \$ 2,973 |  | \$ 1,200 |  | \$ 518 |  | \$ 321 |  |
| Allowance for loan losses and reserve for guaranty losses | \$ 5,195 |  | \$ 3,391 |  | \$ 1,407 |  | \$ 1,158 |  | \$ 930 |  |
| Percent of allowance for loan losses and reserve for guaranty |  |  |  |  |  |  |  |  |  |  |
| Single-family serious delinquency rate | 1.15\% |  | 0.98\% |  | 0.78\% |  | 0.64\% |  | 0.62\% |  |
| (1) We previously calculated our credit loss ratio based on annualized credit losses as a percentage of our mortgage credit book of business, which includes non-Fannie Mae mortgage-related securities held in our mortgage investment portfolio that we do not guarantee. Because losses related to non-Fannie Mae mortgage-related securities are not reflected in our credit losses, we revised the calculation of our credit loss ratio to reflect credit losses as a percentage of our guaranty book of business. All ratios are annualized. |  |  |  |  |  |  |  |  |  |  |

- Credit loss ratio (excluding the impact of SOP 03-3) increased to 12.6 bps in 2008 Q1 from 8.1 bps in 2007 Q4.
- The company expects the 2008 credit loss ratio of 13 to 17 basis points (excluding the impact of SOP 03-3) based on home price declines in 2008 of 7 to 9 percent. We also expect peak-to-trough declines in home prices of 15 to 19 percent.
- Allowance for loan losses and reserve for guaranty losses are influenced by a variety of factors such as delinquency trends, borrower behavior in rapidly declining markets, and the pace and depth of home price declines, particularly pronounced in certain regions. If the current negative trend in the housing market continues, we expect a further increase in our loss reserves during 2008 due to higher delinquencies, defaults, and loan loss severities.
- We expect credit losses to increase in 2009 relative to 2008.

Increased realized credit losses drive higher credit-related expenses. Credit remains a key focus of the company.

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## Losses on Seriously Delinquent Loans Purchased from Trusts/Cure Rates



Re-performance Rates of Seriously Delinquent Single-Family Loans Purchased from MBS Trusts

${ }^{(1)}$ Includes value of primary mortgage insurance

- Despite a reduction in the number of seriously delinquent loans purchased from MBS trusts, SOP 03-3 losses increased in 2008 Q1 as the average fair value of loans purchased fell from 70\% in Q4 2007 to 62\% in Q1 2008.
- Going forward, we expect that HomeSaver Advance ${ }^{T M}$, initiated in March 2008, will reduce the number of loans that we otherwise would have purchased out of MBS trusts in 2008.

Increased losses on seriously delinquent loans purchased from MBS trusts driven by declines in average market price.

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## Proactive Credit Management

- Tightening underwriting and eligibility standards / reduced participation in riskier segments
- Stricter eligibility requirements - increasing FICOs, lowering LTVs and increasing documentation requirements
- Significantly reduced Alt-A acquisitions
- Increasing loss mitigation efforts
- Focused on work-outs
- Encourage servicers to ramp up work-outs and outreach programs to delinquent borrowers
- Provide incentives to attorneys and servicers to pursue alternatives to foreclosure
- Benefiting from credit enhancement on riskier loans; credit enhancement purchased primarily in prior quarters.
- Actively monitoring counterparties and enhancing counterparty collateral requirements
- Credit enhancement providers
- Servicers


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## Single-Family Pricing and Credit



## Change in Estimated After-Tax Fair Value of Net Assets (Non-GAAP)



- Fair value of net assets decreased by $\$ 24.5$ billion, excluding the effect of the change in measuring the fair value of the GO and capital transactions, driven by change in GO and widening spreads.
- Under our new methodology, the GO value is estimated based on our most recent pricing for issuance of our guaranty.
- Approximately $40 \%$ of the increase in the fair value of our net guaranty obligation resulted from an increase in the underlying risk in our credit guaranty book as delinquencies increased and home prices declined; the remaining approximately $60 \%$ of the increase resulted from an increase in the risk premium required to take mortgage credit risk in the current market, as indicated by the pricing of our new guaranty business.


## Increase in guaranty obligation and wider credit spreads reduced the fair value of net assets.

[^0]This slide replaces the copy of Slide 16 originally posted to Fannie Mae's Web site on May 6, 2008 in order to correct an arithmetical error. As a result of the correction, the effect of the change in measuring the fair value of our GO is $\$ 1.6$ billion, instead of $\$(1.6)$ billion; "other" is $\$ 0.7$ billion, instead of $\$ 3.9$ billion; and the decrease in the fair value of net assets, excluding the effect of the change in measuring the fair value of the GO and capital transactions, is $\$ 24.5$ billion, instead of $\$ 21.4$ billion.

## 2008 Q1 Capital Surplus - Sources and Uses of Excess Capital



Note: 2008 Q1 capital surplus is a Fannie Mae estimate, and has not been certified by OFHEO

* Includes impact of adopting SFAS 157 and SFAS 159 effective January 1, 2008.

[^1]
## APPENDIX I - Credit

## FannieMae

## Home Price Growth Rate in the U.S.

Fannie Mae Home Price Index


Growth rates are from period-end to period-end.
Note: Using the S\&P/Case-Shiller weighting method, but excluding the increased impact of foreclosure sales on that index, our 2008 expected home price decline would be 10-13\% (vs. 7-9\%); our expected peak-to-trough decline would be 20-25\%(vs. 15-19\%). The S\&P/Case-Shiller Index is value-weighted, whereas the Fannie Mae index is unit-weighted; hence the S\&P/Case-Shiller index places greater weight on higher cost metropolitan areas. In addition, the S\&P/Case Shiller index includes foreclosure sales; foreclosure sales are excluded from the Fannie Mae index and from this forecast. Foreclosure sales tend to depress the S\&P/Case Shiller index relative to the Fannie Mae index.

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## Home Price Changes from 2006 Q2 to 2008 Q1



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## Credit Loss Ratio/Delinquency Rates




Higher credit loss ratio primarily due to worsening decline in home prices, particularly in the Midwest, California, Florida, Nevada, and Arizona, economic weakness in the Midwest, and rising delinquencies in our Alt-A book and 2006-2007 vintages. Our credit loss ratio excludes the impact of SOP 03-3

Fannie Mae expects its 2008 credit loss ratio to be within a range of 13-17 bps, factoring in a significant increase in loan default and severity rates, and a significant increase in acquisitions of foreclosed properties, as well as a 7 to $9 \%$ nationwide decline in home prices

* Note: Credit loss ratio is defined as [Net charge-offs (excluding impact of SOP 03-3) + Foreclosed Property Expense (excluding impact of SOP 03-3)]/Average Guaranty Book of Business


## FannieMae

## Characteristics of Fannie Mae Single-Family Conventional Mortgage Credit Book of Business

| March 31, 2008 |  |
| :--- | :---: |
| Single-Family Conventional Mortgage Credit Book of Business | $\$ 27$ Trillion |
| Weighted Average FCO | 721 |
| Weighted Average Original LTV | $72 \%$ |
| Weighted Average MTM LTV | $62 \%$ |

## Product Types*



Occupancy*


* Data as of March 31, 2008

Certain data contained in this presentation are based upon information that Fannie Mae receives from third-party sources. Although Fannie Mae generally considers this information reliable, it does not guarantee that it is accurate or suitable for any particular purpose. Fannie Mae has access to detailed loan-level information on approximately 95\% of our conventional single-family mortgage credit book of business. Excludes non-Fannie Mae securities held in portfolio.

## Fannie Mae Subprime and Alt-A Exposure

## Subprime

## Total Exposure of \$51.2 Billion



## Alt-A

Total Exposure of \$344.6 Billion


[^2]
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## Fannie Mae Credit Profile by Key Product Features

Credit Characteristics of Single-Family Conventional Mortgage Credit Book of Business

| as of March 31, 2008 | $\begin{array}{r} \text { Overall } \\ \text { Book } \\ \hline \end{array}$ | NegAm | $\begin{array}{r} \text { Interest } \\ \text { Only } \\ \hline \end{array}$ | $\begin{aligned} & \text { FICO } \\ & <620 \\ & \hline \end{aligned}$ | $\begin{gathered} \text { OLTV } \\ >90 \% \\ \hline \end{gathered}$ | $\begin{array}{r} \text { FICO } \\ <620 \\ \text { and } \\ \text { OLTV } \\ >90 \% \end{array}$ | Subprime | Alt-A |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UPB (billions) * | \$2,605.6 | \$20.6 | \$214.9 | \$128.1 | \$268.5 | \$30.0 | \$8.0 | \$310.5 |
| Share of SF Conv Credit Book ${ }^{(1)}$ | 100.0\% | 0.8\% | 8.2\% | 4.9\% | 10.3\% | 1.2\% | 0.3\% | 11.2\% |
| Average UPB | \$144,657 | \$148,474 | \$238,793 | \$127,332 | \$138,035 | \$120,629 | \$152,967 | \$173,098 |
| SDQ Rate All Loans | 1.15\% | 2.27\% | 3.07\% | 4.86\% | 3.23\% | 8.99\% | 7.42\% | 2.96\% |
| Origination Year 2005-2007 | 53.0\% | 62.0\% | 87.5\% | 59.4\% | 65.8\% | 70.8\% | 83.1\% | 73.9\% |
| Weighted Average OLTV | 71.7\% | 70.9\% | 75.6\% | 77.2\% | 97.4\% | 98.1\% | 78.4\% | 73.0\% |
| OLTV > 90 | 10.3\% | 0.3\% | 9.1\% | 23.4\% | 100.0\% | 100.0\% | 7.9\% | 5.6\% |
| Weighted Average MTMLTV | 61.8\% | 66.1\% | 77.9\% | 68.7\% | 88.5\% | 90.3\% | 76.2\% | 69.4\% |
| Weighted Average FICO | 721 | 695 | 724 | 588 | 690 | 592 | 622 | 718 |
| FICO < 620 | 4.9\% | 12.0\% | 1.3\% | 100.0\% | 11.2\% | 100.0\% | 48.5\% | 0.7\% |
| Fixed-rate | 89.1\% | 0.1\% | 40.1\% | 92.9\% | 93.8\% | 96.6\% | 58.9\% | 71.2\% |
| Principal Residence | 89.8\% | 71.5\% | 84.9\% | 96.9\% | 97.0\% | 99.5\% | 96.4\% | 77.8\% |
| Condo/Coop | 9.1\% | 13.0\% | 16.0\% | 4.8\% | 9.7\% | 5.8\% | 4.9\% | 10.9\% |
| Credit Enhanced ${ }^{(2)(3)}$ | 21.2\% | 77.3\% | 36.4\% | 37.5\% | 92.7\% | 94.9\% | 71.7\% | 40.0\% |
| \% of 2007 Credit Losses ${ }^{(4)}$ | 100.0\% | 0.9\% | 15.3\% | 18.9\% | 16.9\% | 6.2\% | 1.0\% | 31.4\% |
| \% of 2008 Q1 Credit Losses ${ }^{(4)}$ | 100.0\% | 1.1\% | 29.5\% | 14.0\% | 17.4\% | 6.0\% | 1.4\% | 42.7\% |

(1) Subprime and Alt-A are calculated as a percentage of the Single-Family Mortgage Credit Book
(2) Total UPB of loans with credit enhancement/Total UPB of Book (\%)
(3) Includes primary mortgage insurance, pool insurance, lender recourse and other credit enhancement
(4) Calculated as a percentage of the Single-Family Mortgage Guaranty Book of Business credit losses

Note: Categories are not mutually exclusive, so numbers are not additive across columns

[^3]
## FannieMae

## Fannie Mae Credit Profile by Vintage and Key Product Features

## Credit Characteristics of Single-Family Conventional Mortgage Credit Book of Business by Vintage

| as of March 31, 2008 | Overall Book | $\begin{array}{r} 2008 \\ \text { Vintage } \\ \hline \end{array}$ | $\begin{array}{r} 2007 \\ \text { Vintage } \\ \hline \end{array}$ | $\begin{array}{r} 2006 \\ \text { Vintage } \\ \hline \end{array}$ | $\begin{array}{r} 2005 \\ \text { Vintage } \\ \hline \end{array}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UPB (billions) * | \$2,605.6 | \$97.5 | \$582.9 | \$415.5 | \$383.2 | \$1,126.4 |
| Share of SF Conv Credit Book | 100.0\% | 3.7\% | 22.4\% | 15.9\% | 14.7\% | 43.2\% |
| Average UPB | \$144,657 | \$213,187 | \$194,477 | \$177,608 | \$165,689 | \$113,723 |
| SDQ Rate All Loans | 1.15\% | 0.00\% | 1.19\% | 2.21\% | 1.49\% | 0.85\% |
| Origination Year 2005-2007 | 53.0\% | 0.0\% | 100.0\% | 100.0\% | 100.0\% | 0.0\% |
| Weighted Average OLTV | 71.7\% | 72.5\% | 76.0\% | 73.7\% | 71.7\% | 68.8\% |
| OLTV > 90 | 10.3\% | 11.2\% | 17.4\% | 10.6\% | 8.0\% | 7.2\% |
| Weighted Average MTMLTV | 61.8\% | 72.5\% | 77.4\% | 74.2\% | 66.5\% | 46.7\% |
| Weighted Average FICO | 721 | 731 | 716 | 717 | 723 | 725 |
| FICO < 620 | 4.9\% | 3.7\% | 6.4\% | 5.4\% | 4.2\% | 4.3\% |
| Fixed-rate | 89.1\% | 93.0\% | 91.4\% | 86.4\% | 82.8\% | 90.6\% |
| Principal Residence | 89.8\% | 90.3\% | 88.8\% | 87.3\% | 88.1\% | 91.8\% |
| Condo/Coop | 9.1\% | 9.7\% | 10.8\% | 10.9\% | 9.9\% | 7.1\% |
| Credit Enhanced ${ }^{(1)(2)}$ | 21.2\% | 23.0\% | 30.4\% | 27.9\% | 21.3\% | 13.8\% |
| \% of 2007 Credit Losses ${ }^{(3)}$ | 100.0\% | 0.0\% | 1.6\% | 20.8\% | 24.1\% | 53.5\% |
| \% of 2008 Q1 Credit Losses ${ }^{(3)}$ | 100.0\% | 0.0\% | 13.5\% | 35.3\% | 24.0\% | 27.2\% |
| Cumulative Default Rate ${ }^{(4)}$ |  | 0.000\% | 0.081\% | 0.530\% | 0.614\% |  |

(1) Total UPB of loans with credit enhancement/Total UPB of Book (\%)
(2) Includes primary mortgage insurance, pool insurance, lender recourse and other credit enhancement
(3) Calculated as a percentage of the Single-Family Mortgage Guaranty Book of Business credit losses
(4) 2004 vintage cumulative default rate was $0.672 \%$; 2003 cumulative default rate was $0.492 \%$ as of March 31,2008

[^4]
## FannieMae

Cumulative Default Rates Overall Originations from 2000 thru 2007


Consistent with industry trends, 2006 and 2007 vintages performing poorly.

## FannieMae

## Fannie Mae Credit Profile by State

## Credit Characteristics of Single-Family Conventional Mortgage Credit Book of Business by State

| as of March 31, 2008 | Overall <br> Book | MI | OH | IN | FL | CA | AZ | NV |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UPB (billions) * | \$2,605.6 | \$80.2 | \$72.2 | \$36.3 | \$195.8 | \$399.9 | \$76.4 | \$35.2 |
| Share of SF Conv Credit Book | 100.0\% | 3.1\% | 2.8\% | 1.4\% | 7.5\% | 15.3\% | 2.9\% | 1.4\% |
| Average UPB | \$144,657 | \$117,763 | \$105,533 | \$102,415 | \$144,135 | \$193,652 | \$158,774 | \$179,324 |
| SDQ Rate All Loans | 1.15\% | 1.46\% | 1.87\% | 2.00\% | 2.32\% | 0.76\% | 1.12\% | 1.69\% |
| Origination Year 2005-2007 | 53.0\% | 41.0\% | 44.0\% | 47.8\% | 63.8\% | 48.7\% | 67.7\% | 65.2\% |
| Weighted Average OLTV | 71.7\% | 73.7\% | 77.1\% | 78.6\% | 73.3\% | 61.9\% | 73.7\% | 74.3\% |
| OLTV > 90 | 10.3\% | 10.1\% | 15.4\% | 18.7\% | 11.2\% | 2.8\% | 10.3\% | 9.6\% |
| Weighted Average MTMLTV | 61.8\% | 69.3\% | 67.9\% | 68.5\% | 68.6\% | 54.8\% | 67.4\% | 72.5\% |
| Weighted Average FICO | 721 | 719 | 718 | 714 | 716 | 728 | 723 | 722 |
| FICO < 620 | 4.9\% | 5.7\% | 6.1\% | 6.9\% | 5.6\% | 3.3\% | 3.9\% | 3.3\% |
| Fixed-rate | 89.1\% | 88.9\% | 93.5\% | 94.0\% | 85.9\% | 82.0\% | 83.7\% | 75.1\% |
| Principal Residence | 89.8\% | 93.0\% | 94.3\% | 93.7\% | 81.9\% | 88.3\% | 83.8\% | 80.6\% |
| Condo/Coop | 9.1\% | 9.1\% | 4.3\% | 2.5\% | 15.6\% | 11.8\% | 5.4\% | 7.9\% |
| Credit Enhanced ${ }^{(1)(2)}$ | 21.2\% | 19.8\% | 27.3\% | 32.1\% | 24.4\% | 12.2\% | 23.2\% | 27.9\% |
| \% of 2007 Credit Losses ${ }^{(3)}$ | 100.0\% | 27.1\% | 13.6\% | 4.3\% | 4.7\% | 7.4\% | 1.8\% | 1.3\% |
| \% of 2008 Q1 Credit Losses ${ }^{(3)}$ | 100.0\% | 22.9\% | 6.5\% | 2.5\% | 7.2\% | 18.6\% | 3.8\% | 3.0\% |

(1) Total UPB of loans with credit enhancement/Total UPB of Book (\%)
(2) Includes primary mortgage insurance, pool insurance, lender recourse and other credit enhancement
(3) Calculated as a percentage of the Single-Family Guaranty Book of Business credit losses

[^5]
## FannieMae

## Single-Family Delinquency Rates by State and Region

| Single-Family serious delinquency rates | March 2008 | March 2007 |
| :--- | :---: | :---: |
| Arizona | $1.12 \%$ | $0.22 \%$ |
| California | $0.76 \%$ | $0.17 \%$ |
| Florida | $2.32 \%$ | $0.49 \%$ |
| Nevada | $1.69 \%$ | $0.39 \%$ |
| Total conventional single-family loans | $1.15 \%$ | $0.62 \%$ |


| Single-Family serious delinquency rates | March 2008 | March 2007 |
| :--- | :---: | :---: |
| Midwest | $1.44 \%$ | $0.96 \%$ |
| Northeast | $1.05 \%$ | $0.67 \%$ |
| Southeast | $1.44 \%$ | $0.63 \%$ |
| Southwest | $0.94 \%$ | $0.62 \%$ |
| West | $0.72 \%$ | $0.21 \%$ |

## FannieMae

Home Price Growth/Decline and Fannie Mae Real Estate Owned (REO) in Key States Single-family REO and Home Price Statistics ${ }^{1}$ for Selected States

|  | REO Acquisitions |  |  |  | REO Inventory |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State | 2005 | 2006 | 2007 | 2008 Q1 | As of 3/31/08 | Annualized HP Growth as of 3/31/08 (Prior 1 yr$)^{(1)}$ | Annualized HP Growth as of 3/31/08 $\text { (Prior } 5 \text { yrs) }^{(1)}$ |
| Michigan | 3,633 | 5,691 | 8,067 | 3,259 | 9,125 | -9.5\% | -1.8\% |
| Ohio | 3,113 | 4,041 | 4,433 | 1,239 | 3,084 | -3.7\% | 1.0\% |
| Indiana | 2,099 | 2,572 | 2,457 | 743 | 1,149 | -0.2\% | 1.8\% |
| Florida | 334 | 282 | 1,714 | 966 | 1,887 | -18.3\% | 7.4\% |
| California | 18 | 93 | 1,681 | 1,477 | 2,575 | -17.0\% | 6.7\% |
| Arizona | 146 | 56 | 751 | 632 | 990 | -14.9\% | 8.8\% |
| Nevada | 27 | 62 | 530 | 403 | 711 | -19.1\% | 7.4\% |
| Other | 23,190 | 23,783 | 29,488 | 11,389 | 23,646 | N/A | N/A |
| Total | 32,560 | 36,580 | 49,121 | 20,108 | 43,167 | -5.9\% | 4.9\% |

## ${ }^{1}$ Based on Fannie Mae Home Price Index

On a national basis, REO net sales price compared with unpaid principal balance of mortgage loan has decreased from $93 \%$ in 2005 to $\mathbf{8 9 \%}$ in 2006 to $\mathbf{7 8 \%}$ in 2007 to $\mathbf{7 4 \%}$ in Q1 2008 driving an increase in loss severity.

## FannieMae

## Fannie Mae Alt-A Credit Profile by Key Product Features

Credit Characteristics of Single-Family Mortgage Credit Book of Business by Vintage

| as of March 31, 2008 | Alt-A | 2008 Vintage | $\begin{array}{r} 2007 \\ \text { Vintage } \\ \hline \end{array}$ | $\begin{array}{r} 2006 \\ \text { Vintage } \\ \hline \end{array}$ | 2005 Vintage | $\begin{array}{r} \hline 2004 \text { and } \\ \text { Earlier } \\ \text { Vintages } \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UPB (billions) | \$310.5 | \$2.1 | \$80.2 | \$90.0 | \$59.4 | \$78.8 |
| Share of Alt-A | 100.0\% | 0.7\% | 25.8\% | 29.0\% | 19.1\% | 25.4\% |
| Weighted Average OLTV | 73.0\% | 70.9\% | 75.2\% | 74.1\% | 72.7\% | 69.8\% |
| OLTV > 90 | 5.6\% | 3.4\% | 9.3\% | 5.0\% | 3.3\% | 4.3\% |
| Weighted Average MTMLTV | 69.4\% | 71.2\% | 78.4\% | 77.2\% | 70.7\% | 50.0\% |
| MTMLTV > 100 | 4.7\% | 1.0\% | 6.6\% | 7.0\% | 4.4\% | 0.2\% |
| Weighted Average FICO | 718 | 718 | 713 | 715 | 724 | 723 |
| FICO < 620 | 0.7\% | 0.2\% | 0.5\% | 0.5\% | 0.4\% | 1.4\% |
| Adjustable-rate | 28.8\% | 13.4\% | 22.5\% | 30.2\% | 41.3\% | 24.8\% |
| Interest Only | 30.6\% | 11.5\% | 38.7\% | 39.3\% | 30.8\% | 12.9\% |
| Investor | 17.1\% | 21.1\% | 19.4\% | 16.7\% | 19.0\% | 13.7\% |
| Condo/Coop | 10.9\% | 7.9\% | 10.1\% | 11.7\% | 13.1\% | 9.4\% |
| Geography |  |  |  |  |  |  |
| California | 21.6\% | 22.5\% | 21.9\% | 19.7\% | 20.6\% | 24.2\% |
| Florida | 10.7\% | 8.6\% | 11.3\% | 12.1\% | 11.8\% | 7.7\% |
| Credit Enhanced ${ }^{(1)}$ | 40.0\% | 21.2\% | 36.6\% | 53.7\% | 47.7\% | 22.6\% |
| SDQ Rate All Loans | 2.96\% | 0.00\% | 2.85\% | 4.34\% | 3.23\% | 1.79\% |
| \% of 2007 Credit Losses | 31.4\% | n.a. | 0.6\% | 10.2\% | 10.5\% | 10.0\% |
| \% of 2008 Q1 Credit Losses | 42.7\% | 0.0\% | 6.6\% | 19.4\% | 11.6\% | 5.1\% |

[^6] the lenders that deliver the mortgage loans to us have classified the loans as Alt-A.

[^7] recourse.

## FannieMae

## Fannie Mae Alt-A Loans Versus Loans Underlying Private Label Alt-A Securities

| Summary Collateral Characteristics |  |  |
| :--- | ---: | ---: |
|  | Fannie Mae | Private Label |
| Alt-A | Alt-A |  |
| FICO | 718 | 709 |
| OLTV |  |  |
| CLTV at Origination | $73 \%$ | $76 \%$ |
|  | $77 \%$ | $82 \%$ |
| Product Type |  |  |
| Fixed Rate | $71 \%$ | $43 \%$ |
| Adjustable Rate | $29 \%$ | $57 \%$ |
| Interest Only | $21 \%$ | $26 \%$ |
| Negatively Amortizing | $3 \%$ | $25 \%$ |
|  | $17 \%$ | $20 \%$ |
| Investor |  |  |



Fannie Mae's Alt-A guaranteed book of business has more favorable credit characteristics than the loans backing Alt-A Private Label Securities (PLS).

All data and CDRs for Q1:08 are based on Jan-08 data. Private Label Security data are from First American CoreLogic, LoanPerformance. LoanPerformance estimates it captures 96 percent of Alt-A PLS. The PLS data includes some loans that Fannie Mae holds in its Alt-A securities portfolio. All summary collateral characteristics are weighted averages using current loan balances. Certain amounts have been calculated by Fannie Mae.

## Alt-A Risk Management

## - New Business:

- Reduction in Alt-A acquisition volume reflects eligibility and pricing changes


## Conventional Alt-A Acquisition Quarterly Volume



## Volume _— Percent of Quarterly Aqsn

- Eligibility:
- Deliveries after January 1, 2008 :
- Reduced maximum LTV/CLTV to $90 \%$
- Deliveries after March 1, 2008 :
- Raised minimum FICO score to 660 regardless of LTV/CLTV
- Will no longer purchase No Income/No Asset documentation loans
- Will no longer purchase No Income/Verified Asset documentation type loans
- The maximum LTV/CLTV for cash-out refinance loans reduced to $75 \%$ for majority of property types
- Deliveries after June 1, 2008:
- Discontinuing the purchase of Interest-Only mortgage loans
- Deliveries after August 1, 2008 (announced early May)
- Reduced maximum LTV/CLTV to $75 \%$ and raised minimum FICO score to 680 regardless of LTV/CLTV for all reduceddocumentation Alt-A mortgages
- Pricing:
- Beginning in 2007, we made several guaranty fee changes as a result of the turmoil in the market, resulting in higher guaranty fees for Alt-A mortgages
- For deliveries after August 1, 2008, we are making additional adjustments to guaranty fees for Alt-A mortgages that are focused on realigning our risk-based pricing with our tighter eligibility and credit standards


## FannieMae

## Fannie Mae Subprime and Alt-A Private Label Security (PLS) Exposure - Securities/Wraps

| UPB @ 3/31/08 (\$bn) | Subprime |  | Alt-A |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Securities | Wraps | Securities | Wraps |
|  | 30.4 | 12.8 | 30.6 | 0.6 |
| \% AAA | 42.3\% | 100.0\% | 100.0\% | 100.0\% |
| \% AA or below | 57.7\% | 0.0\% | 0.0\% | 0.0\% |
| \% 2007 Vintage | 19.0\% | 67.3\% | 12.4\% | 56.9\% |
| \% 2006 Vintage | 67.8\% | 0.0\% | 27.3\% | 0.0\% |


| Wtd Average Credit <br> Enhancement | $36.7 \%$ | $33.5 \%$ | $23.3 \%$ | $8.1 \%$ |
| :--- | :--- | :--- | :--- | :--- |

As of April 30, 2008, all of our private-label mortgage-related securities backed by Alt-A mortgage loans were rated AAA and none had been downgraded. However, approximately $\$ 4.5$ billion or $15 \%$ of our Alt-A private-label mortgage-related securities had been placed under review for possible credit downgrade or on negative watch as of April 30, 2008.

The percentages of our subprime private-label mortgage securities rated AAA and AA to BBB- were $42 \%$ and $48 \%$, respectively, as of April 30, 2008, compared with $97 \%$ and $3 \%$ respectively as of December 31, 2007. The percentage of these securities rated below investment grade rose to $10 \%$ as of April 30, 2008. None of these securities were rated below investment grade as of December 31, 2007. Approximately $\$ 6.4$ billion or $21 \%$ of our subprime private-label mortgage-related securities had been placed under review for possible credit downgrade or on negative watch as of April 30, 2008.

## FannieMae

## Investments in Alt-A Mortgage-Related Securities (Option ARM)

|  | Unpaid Principal Balance |  |  |  | Average Price |  |  | Fair Value |  |  | Credit Enhancement Statistics |  |  |  |  | Stress Test Scenarios |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Trading <br> Securities |  | AFS <br> Securities |  |  |  |  | Average Current | Original | Minimum Current |  | Monoline <br> Financial <br> Guaranteed <br> Amount |  |  |  | $\begin{gathered} \text { 20d/50s } \\ \text { NPV } \end{gathered}$ <br> Rounded |  |  |
| Investments in Alt-A securities: Option ARM Alt-A securities: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2004 and prior | \$ | - | \$ | 769 | \$ |  | 81.05 | \$ |  | 623 | 22\% | 9\% | 16\% | \$ | - | \$ | \$ - | - \$ | \$ - | \$ | - |
| 2005-1 (1) |  | - |  | 109 |  |  | 78.83 |  |  | 86 | 18\% | 7\% | 17\% |  | - |  |  | - | - | - | - |
| 2005-1 (2) |  | - |  | 180 |  |  | 78.67 |  |  | 142 | 19\% | 8\% | 19\% |  | - |  |  | - | - | - | - |
| 2005-1 (3) |  | - |  | 167 |  |  | 78.22 |  |  | 131 | 24\% | 13\% | 20\% |  | - |  |  | - | - | - | - |
| 2005-1 (4) |  | - |  | 176 |  |  | 77.44 |  |  | 136 | 55\% | 39\% | 33\% |  | - |  |  | - |  | - | - |
| 2005-1 subtotal |  | - |  | 632 |  |  | 78.23 |  |  | 495 | 30\% | 18\% | 17\% |  | - |  |  | - |  |  | - |
| 2005-2 (1) |  | - |  | 278 |  |  | 78.36 |  |  | 218 | 30\% | 21\% | 24\% |  | - |  |  | - |  |  | - |
| 2005-2 (2) |  | - |  | 126 |  |  | 78.19 |  |  | 99 | 35\% | 28\% | 35\% |  | - |  |  | - | - | - | - |
| 2005-2 (3) |  | - |  | 505 |  |  | 78.58 |  |  | 396 | 45\% | 39\% | 39\% |  | - |  |  | - | - | - | - |
| 2005-2 (4) |  | - |  | 351 |  |  | 82.86 |  |  | 291 | 100\% | 100\% | 100\% |  | 351 |  |  | - | - | - | - |
| 2005-2 subtotal |  | - |  | 1,260 |  |  | 79.68 |  |  | 1,004 | 56\% | 51\% | 24\% |  | 351 |  |  | - |  |  | - |
| 2006-1 (1) |  | - |  | 136 |  |  | 75.84 |  |  | 103 | 21\% | 19\% | 11\% |  | - |  |  | - |  | - | - |
| 2006-1 (2) |  | - |  | 429 |  |  | 76.66 |  |  | 329 | 41\% | 38\% | 40\% |  | - |  |  | - | - | - | - |
| 2006-1 (3) |  | - |  | 403 |  |  | 76.54 |  |  | 308 | 45\% | 42\% | 45\% |  | - |  |  | - | - | - | - |
| 2006-1 (4) |  | - |  | 444 |  |  | 75.74 |  |  | 337 | 89\% | 88\% | 49\% |  | 345 |  |  | - | - | - | - |
| 2006-1 subtotal |  | - |  | 1,412 |  |  | 76.26 |  |  | 1,077 | 55\% | 53\% | 11\% |  | 345 |  |  | - | - | - | - |
| 2006-2 (1) |  | - |  | - |  |  | - |  |  | - | - | - | - |  | - |  |  | - |  | - | - |
| 2006-2 (2) |  | - |  | 219 |  |  | 76.66 |  |  | 168 | 37\% | 35\% | 37\% |  | - |  |  | - | - | - | - |
| 2006-2 (3) |  | - |  | 101 |  |  | 76.79 |  |  | 78 | 41\% | 40\% | 41\% |  | - |  |  | - | - | - | - |
| 2006-2 (4) |  | - |  | 228 |  |  | 80.67 |  |  | 183 | 69\% | 68\% | 47\% |  | 94 |  |  | - | - | - | - |
| 2006-2 subtotal |  | - |  | 548 |  |  | 78.35 |  |  | 429 | 51\% | 50\% | 37\% |  | 94 |  |  | - | - | - | - |
| 2007-1 (1) |  | 216 |  | - |  |  | 71.33 |  |  | 154 | 24\% | 24\% | 24\% |  | - |  |  | - | - | - | - |
| 2007-1 (2) |  | 379 |  | - |  |  | 75.83 |  |  | 288 | 46\% | 45\% | 45\% |  | - |  |  | - |  | - | - |
| 2007-1 (3) |  | 271 |  | - |  |  | 75.81 |  |  | 205 | 48\% | 47\% | 48\% |  | - |  |  | - |  | - | - |
| 2007-1 (4) |  | 544 |  | - |  |  | 75.98 |  |  | 413 | 100\% | 100\% | 100\% |  | 544 |  |  | - |  | - | - |
| 2007-1 subtotal |  | 1,410 |  | - |  |  | 75.19 |  |  | 1,060 | 64\% | 64\% | 24\% |  | 544 |  |  | - |  | - | - |
| 2007-2 (1) |  | 302 |  | - |  |  | 75.98 |  |  | 229 | 33\% | 32\% | 25\% |  | - |  |  | - |  | - | - |
| 2007-2 (2) |  | 219 |  | - |  |  | 76.78 |  |  | 168 | 47\% | 47\% | 47\% |  | - |  |  | - |  | - | - |
| 2007-2 (3) |  | 317 |  | - |  |  | 77.35 |  |  | 245 | 48\% | 47\% | 48\% |  | - |  |  | - |  | - | - |
| 2007-2 (4) |  | 429 |  | - |  |  | 73.58 |  |  | 316 | 100\% | 100\% | 100\% |  | 429 |  |  | - |  | - | - |
| 2007-2 subtotal |  | 1,267 |  | - |  |  | 75.65 |  |  | 958 | 62\% | 62\% | 25\% |  | 429 |  |  | - |  | - | - |
| Total | \$ | 2,677 | \$ | 4,621 | \$ |  | 77.37 | \$ | 5 | 5,646 | 52\% | 48\% | 11\% | \$ | 1,763 | \$ | \$ | - \$ | \$ - | - \$ | - |

## FannieMae

## Investments in Alt-A Mortgage-Related Securities (Other)

| Other Alt-A securities: | Unpaid Principal Balance |  |  |  |  |  | Fair Value |  | Credit Enhancement Statistics |  |  |  |  | Stress Test Scenarios |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Trading Securities |  | AFS <br> Securities |  | Average <br> Price |  |  |  | Average Current | Original | Minimum Current |  | oline <br> ancial <br> anteed <br> ount | $\begin{gathered} 20 \mathrm{~d} / 40 \mathrm{~s} \\ \text { NPV } \\ \text { Rounded } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { 20d/50s } \\ \text { NPV } \\ \text { Rounded } \end{gathered}$ |  | $\begin{aligned} & 30 \mathrm{~d} / 40 \mathrm{~s} \\ & \text { NPV } \\ & \text { Rounded } \end{aligned}$ |  |
|  | \$ | - | \$ | 9,611 | \$ | 88.85 | \$ | 8,539 | 11\% | 6\% | 4\% | \$ | 31 | \$ | 27 | \$ | 90 | \$ | 196 |
| 2005-1 (1) |  | - |  | 411 |  | 87.44 |  | 359 | 9\% | 5\% | 6\% |  | - |  | 2 |  | 4 |  | 11 |
| 2005-1 (2) |  | - |  | 454 |  | 88.26 |  | 401 | 12\% | 7\% | 11\% |  | - |  | - |  | 1 |  | 3 |
| 2005-1 (3) |  | - |  | 458 |  | 90.33 |  | 414 | 14\% | 10\% | 13\% |  | - |  | - |  | 2 |  | 6 |
| 2005-1 (4) |  | - |  | 537 |  | 87.32 |  | 469 | 17\% | 10\% | 15\% |  | - |  | - |  | 1 |  | 4 |
| 2005-1 subtotal |  | - |  | 1,860 |  | 88.32 |  | 1,643 | 13\% | 9\% | 6\% |  | - |  | 2 |  | 8 |  | 24 |
| 2005-2 (1) |  | - |  | 1,057 |  | 89.71 |  | 948 | 6\% | 5\% | 4\% |  | - |  | 18 |  | 38 |  | 58 |
| 2005-2 (2) |  | - |  | 1,038 |  | 89.17 |  | 926 | 10\% | 8\% | 8\% |  | - |  |  |  | 12 |  | 15 |
| 2005-2 (3) |  | - |  | 1,134 |  | 82.18 |  | 932 | 16\% | 14\% | 14\% |  | - |  | - |  | - |  | 3 |
| 2005-2 (4) |  | - |  | 1,086 |  | 84.44 |  | 917 | 22\% | 17\% | 19\% |  | - |  | - |  | - |  | - |
| 2005-2 subtotal |  | - |  | 4,315 |  | 86.27 |  | 3,723 | 14\% | 11\% | 4\% |  | - |  | 18 |  | 50 |  | 76 |
| 2006-1 (1) |  | 35 |  | 1,246 |  | 90.60 |  | 1,160 | 5\% | 4\% | 4\% |  | - |  | 32 |  | 56 |  | 81 |
| 2006-1 (2) |  | - |  | 1,057 |  | 91.57 |  | 968 | 9\% | 8\% | 9\% |  | - |  | 6 |  | 17 |  | 30 |
| 2006-1 (3) |  | 53 |  | 1,376 |  | 87.59 |  | 1,251 | 15\% | 12\% | 12\% |  | - |  | - |  | 0 |  | 2 |
| 2006-1 (4) |  | - |  | 1,432 |  | 78.88 |  | 1,130 | 22\% | 17\% | 19\% |  | - |  | - |  | - |  | - |
| 2006-1 subtotal |  | 88 |  | 5,111 |  | 86.74 |  | 4,509 | 13\% | 11\% | 4\% |  | - |  | 38 |  | 73 |  | 113 |
| 2006-2 (1) |  | - |  | - |  | - |  | - | - | - | - |  | - |  | - |  | - |  | - |
| 2006-2 (2) |  | - |  | 537 |  | 76.64 |  | 411 | 11\% | 10\% | 6\% |  | - |  | - |  | - |  | 2 |
| 2006-2 (3) |  | - |  | - |  | - |  | - | - | - | - |  | - |  | - |  | - |  | - |
| 2006-2 (4) |  | - |  | 640 |  | 75.12 |  | 481 | 17\% | 16\% | 17\% |  | - |  | - |  | - |  | - |
| 2006-2 subtotal |  | - |  | 1,177 |  | 75.82 |  | 892 | 14\% | 13\% | 6\% |  | - |  | - |  | - |  | 2 |
| 2007-1 (1) |  | 79 |  | - |  | 76.41 |  | 60 | 6\% | 5\% | 6\% |  | - |  | - |  | - |  | - |
| 2007-1 (2) |  | 194 |  | - |  | 78.48 |  | 152 | 8\% | 7\% | 7\% |  | - |  | 2 |  | 3 |  | 4 |
| 2007-1 (3) |  | 115 |  | - |  | 75.32 |  | 87 | 11\% | 11\% | 8\% |  | - |  | - |  | - |  | - |
| 2007-1 (4) |  | 240 |  | - |  | 76.54 |  | 184 | 17\% | 16\% | 16\% |  | - |  | - |  | - |  | - |
| 2007-1 subtotal |  | 628 |  | - |  | 76.89 |  | 483 | 12\% | 11\% | 6\% |  | - |  | 2 |  | 3 |  | 4 |
| 2007-2 (1) |  | - |  | - |  | - |  | - | - | - | - |  | - |  | - |  | - |  | - |
| 2007-2 (2) |  | - |  | - |  | - |  | - | - | - | - |  | - |  | - |  | - |  | - |
| 2007-2 (3) |  | - |  | - |  | - |  | - | - | - | - |  | - |  | - |  | - |  | - |
| 2007-2 (4) |  | 475 |  | - |  | 86.03 |  | 409 | 100\% | 100\% | 100\% |  | 475 |  | - |  | - |  | - |
| 2007-2 subtotal |  | 475 |  | - |  | 86.03 |  | 409 | 100\% | 100\% | 100\% |  | 475 |  | - |  | - |  | - |
| Total |  | 1,191 |  | 22,074 |  | 86.82 |  | 20,198 | 14\% | 10\% | 4\% |  | 506 |  | 87 |  | 224 |  | 415 |
| Total Alt-A securities | \$ | 3,868 | \$ | 26,695 | \$ | 84.56 | \$ | 25,844 | 23\% | 19\% | 4\% | \$ | 2,269 | \$ | 87 | \$ | 224 | \$ | 415 |

## FannieMae

## Investments in Subprime Mortgage-Related Securities

|  | Unpaid Principal Balance |  |  |  | Average <br> Price |  | Fair Value |  | Credit Enhancement Statistics |  |  |  |  | Stress Test Scenarios |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Trading Securities |  | AFS Securities |  |  |  | Average Current | Original | Minimum Current | Monoline <br> Financial <br> Guaranteed <br> Amount |  | 50d/50s NPV |  | 50d/60s NPV |  | 60d/50s NPV |  |
| Investments in subprime securities: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2004 and prior | \$ | - | \$ | 3,271 | \$ | 87.57 |  |  | \$ | 2,864 | 75\% | 55\% | 13\% | \$ | 1,514 | \$ | 2 | \$ | 5 | \$ | 6 |
| 2005-1 (1) |  | - |  | - |  | - |  | - | - | - | - |  | - |  | - |  | - |  | - |
| 2005-1 (2) |  | - |  | 31 |  | 89.16 |  | 27 | 66\% | 36\% | 66\% |  | - |  | - |  | - |  | - |
| 2005-1 (3) |  | - |  | - |  | - |  | - | 0\% | - | - |  | - |  | - |  | - |  | - |
| 2005-1 (4) |  | - |  | 44 |  | 87.08 |  | 39 | 79\% | 29\% | 79\% |  | - |  | - |  | - |  | - |
| 2005-1 subtotal |  | - |  | 75 |  | 87.93 |  | 66 | 74\% | 32\% | 66\% |  | - |  | - |  | - |  | - |
| 2005-2 (1) |  | - |  | 107 |  | 94.96 |  | 101 | 41\% | 23\% | 37\% |  | - |  | - |  | - |  | - |
| 2005-2 (2) |  | - |  | 107 |  | 91.61 |  | 98 | 52\% | 32\% | 52\% |  | - |  | - |  | - |  | - |
| 2005-2 (3) |  | - |  | 253 |  | 92.06 |  | 234 | 58\% | 32\% | 55\% |  | - |  | - |  | - |  | - |
| 2005-2 (4) |  | - |  | 185 |  | 90.22 |  | 167 | 77\% | 60\% | 63\% |  | 69 |  | - |  | - |  | - |
| 2005-2 subtotal |  | - |  | 652 |  | 91.94 |  | 600 | 59\% | 39\% | 37\% |  | 69 |  | - |  | - |  | - |
| 2006-1 (1) |  | - |  | 1,440 |  | 83.52 |  | 1,202 | 26\% | 19\% | 25\% |  | - |  | - |  | - |  | - |
| 2006-1 (2) |  | - |  | 2,281 |  | 86.16 |  | 1,965 | 29\% | 20\% | 28\% |  | - |  | - |  | - |  | - |
| 2006-1 (3) |  | - |  | 1,834 |  | 87.67 |  | 1,608 | 35\% | 22\% | 32\% |  | - |  | - |  | - |  | - |
| 2006-1 (4) |  | - |  | 1,928 |  | 87.95 |  | 1,696 | 47\% | 31\% | 38\% |  | 52 |  | - |  | - |  | - |
| 2006-1 subtotal |  | - |  | 7,483 |  | 86.48 |  | 6,471 | 34\% | 23\% | 25\% |  | 52 |  | - |  | - |  | - |
| 2006-2 (1) |  | - |  | 3,080 |  | 81.35 |  | 2,506 | 21\% | 18\% | 19\% |  | - |  | - |  | - |  | 7 |
| 2006-2 (2) |  | - |  | 3,423 |  | 79.58 |  | 2,724 | 25\% | 19\% | 24\% |  | - |  | - |  | - |  | - |
| 2006-2 (3) |  | - |  | 3,336 |  | 78.75 |  | 2,626 | 29\% | 23\% | 27\% |  | - |  | - |  | - |  | - |
| 2006-2 (4) |  | - |  | 3,284 |  | 81.62 |  | 2,681 | 35\% | 28\% | 30\% |  | - |  | - |  | - |  | - |
| 2006-2 subtotal |  | - |  | 13,123 |  | 80.29 |  | 10,537 | 28\% | 22\% | 19\% |  | - |  | - |  | - |  | 7 |
| 2007-1 (1) |  | 719 |  | - |  | 59.31 |  | 427 | 18\% | 17\% | 9\% |  | - |  | 76 |  | 176 |  | 224 |
| 2007-1 (2) |  | 667 |  | - |  | 84.22 |  | 562 | 26\% | 23\% | 24\% |  | - |  | - |  | - |  | - |
| 2007-1 (3) |  | 771 |  | - |  | 78.70 |  | 606 | 28\% | 24\% | 27\% |  | - |  | - |  | - |  | - |
| 2007-1 (4) |  | 786 |  | - |  | 82.69 |  | 650 | 51\% | 48\% | 29\% |  | 237 |  | - |  | - |  | - |
| 2007-1 subtotal |  | 2,943 |  | - |  | 76.28 |  | 2,245 | 31\% | 29\% | 9\% |  | 237 |  | 76 |  | 176 |  | 224 |
| 2007-2 (1) |  | 707 |  | - |  | 76.81 |  | 543 | 25\% | 24\% | 13\% |  | - |  | 8 |  | 40 |  | 64 |
| 2007-2 (2) |  | 214 |  | 411 |  | 87.46 |  | 547 | 30\% | 28\% | 29\% |  | - |  | - |  | - |  | - |
| 2007-2 (3) |  | - |  | 539 |  | 89.03 |  | 480 | 34\% | 33\% | 33\% |  | - |  | - |  | - |  | - |
| 2007-2 (4) |  | 965 |  | - |  | 88.42 |  | 853 | 62\% | 61\% | 41\% |  | 350 |  | - |  | - |  | - |
| 2007-2 subtotal |  | 1,886 |  | 950 |  | 85.43 |  | 2,423 | 41\% | 39\% | 13\% |  | 350 |  | 8 |  | 40 |  | 64 |
| Total subprime securities | \$ | 4,829 | \$ | 25,554 | \$ | 82.96 | \$ | 25,206 | 37\% | 28\% | 9\% | \$ | 2,222 | \$ | 86 | \$ | 221 | \$ | 301 |

## Counterparty Exposure

| Counterparty Type |  |  |  |
| :--- | :--- | :--- | :--- |
|  |  | Exposure as of March 31, 2008 |  |

## FannieMae

## Counterparty Exposure - Mortgage Insurers

| Counterparty Name ${ }^{(1)}$ | As of May 2, 2008 |  |  | As of March 31, 2008 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Insurer Financial Strength Ratings |  |  | Maximum Coverage ${ }^{(2)}$ |  |  |
|  | Moody's | S\&P | Fitch | Primary | Pool | Total |
| Mortgage Guaranty Insurance Corporation | Aa2 | A | AA | \$ 23,835 | \$ 2,804 | \$ 26,639 |
| PMI Mortgage Insurance Co. | Aa2 | A+ | AA | 14,392 | 2,524 | 16,916 |
| Genworth Mortgage Insurance Corporation | Aa2 | AA | AA | 16,045 | 442 | 16,487 |
| United Guaranty Residential Insurance Company | Aa2 | AA+ | AA+ | 15,396 | 334 | 15,730 |
| Radian Guaranty, Inc. | Aa3 | A | Not rated | 13,970 | 923 | 14,893 |
| Republic Mortgage Insurance Company | Aa3 | AA- | AA | 11,226 | 1,720 | 12,946 |
| Triad Guaranty Insurance Corporation | Baa3 | BBB | BB | 4,387 | 1,487 | 5,874 |
| CMG Mortgage Insurance Company ${ }^{(3)}$ | Not rated | AA- | AA | 1,901 | - | 1,901 |
| ${ }^{(1)}$ Insurance coverage amounts provided for each counterparty may include coverage provided by consolidated subsidiaries of the counterparty. <br> ${ }^{(2)}$ Maximum coverage refers to the aggregate dollar amount of insurance coverage (i.e. "risk in force") on single-family loans in our guaranty book of business and represents our maximum potential loss recovery under the applicable mortgage insurance policies. <br> ${ }^{(3)}$ CMG Mortgage Insurance Company is a joint venture owned by PMI Mortgage Insurance Co. and CUNA Mutual Investment Corporation. |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## APPENDIX II - Other

## FannieMae

## Economic Environment - Interest Rates

## 1-Year and 10-Year Treasuries



## Swap Rates



- Net interest yield increased due to reduced funding costs and the retirement of step rate debt in 2008 Q1.
- Swap rate declines triggered net losses on derivatives.
- Widening credit spreads caused overall fair value losses on trading securities, more than offsetting the positive impact of falling rates.

Volatility (3x7 Swaption Volatilty)


[^8]
## FannieMae

## Statements of Operations by Segment

| 2008 Q1 Statement of Operations (dollars in millions) | SingleFamily | HCD | Capital <br> Markets | Total | 2007 Q4 Statement of Operations <br> (dollars in millions) | SingleFamily | HCD | Capital <br> Markets | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net interest income (expense) | \$ 134 | \$ (103) | \$ 1,659 | \$ 1,690 | Net interest income (expense) | \$ 72 | \$ (101) | \$ 1,165 | \$ 1,136 |
| Guaranty fee income (expense) | 1,942 | 148 | (338) | 1,752 | Guaranty fee income (expense) | 1,801 | 144 | (324) | 1,621 |
| Trust management income | 105 | 2 | - | 107 | Trust management income | 120 | 8 | - | 128 |
| Fee and other income | 102 | 62 | 63 | 227 | Fee and other income | 82 | 73 | 59 | 214 |
| Net revenues | 2,283 | 109 | 1,384 | 3,776 | Net revenues | 2,075 | 124 | 900 | 3,099 |
| Fair value losses, net | - | - | $(4,377)$ | $(4,377)$ | Fair value losses, net | - | - | $(3,439)$ | $(3,439)$ |
| Investment losses, net | (48) | - | (63) | (111) | Investment losses, net | (18) | - | (897) | (915) |
| Losses from partnership investments | - | (141) | - | (141) | Losses from partnership investments | - | (478) | - | (478) |
| Losses on certain guaranty contracts | - | - | - | - | Losses on certain guaranty contracts | (364) | (22) | - | (386) |
| Credit-related expenses | $(3,254)$ | 11 | - | $(3,243)$ | Credit-related expenses | $(2,963)$ | (10) | - | $(2,973)$ |
| Administrative expenses | (286) | (108) | (118) | (512) | Administrative expenses | (370) | (128) | (153) | (651) |
| Other expenses, net | (247) | (43) | (215) | (505) | Other expenses, net | (144) | (161) | (122) | (427) |
| Losses and expenses | $(3,835)$ | (281) | $(4,773)$ | $(8,889)$ | Losses and expenses | $(3,859)$ | (799) | $(4,612)$ | $(9,269)$ |
| Loss before federal income taxes and extraordinary losses | $(1,552)$ | (172) | $(3,389)$ | $(5,113)$ | Loss before federal income taxes and extraordinary losses | $(1,784)$ | (675) | $(3,711)$ | $(6,170)$ |
| Benefit for federal income taxes | (544) | (322) | $(2,062)$ | $(2,928)$ | Benefit for federal income taxes | (621) | (462) | $(1,540)$ | $(2,623)$ |
| Extraordinary losses, net of tax effect | - | - | (1) | (1) | Extraordinary losses, net of tax effect | - | - | (12) | (12) |
| Net income (loss) | \$ (1,008) | \$ 150 | \$ (1,328) | \$ (2,186) | Net loss | \$ (1,163) | \$ (213) | \$ (2,183) | \$ (3,559) |

## FannieMae

## Net Revenues and Net Income (Loss) by Segment

```
(dollars in millions)
Net Revenues (2)
    Single-Family Credit Guaranty
    Housing and Community Development
    Capital Markets
        Total
Net Income (Loss)
    Single-Family Credit Guaranty
    Housing and Community Development
    Capital Markets
        Total
\({ }^{(1)}\) Certain amounts have been reclassified to conform to the current period presentation.
\({ }^{(2)}\) Net revenues is comprised of net interest income, guaranty fee income, trust management income and fee and other income.
```


## FannieMae

## Changes in Risk Management Derivative Assets (Liabilities) at Fair Value, Net

| (dollars in millions) | 2008 Q1 | $\underline{2007}$ Q4 | $\underline{2007}$ Q3 | $\underline{2007 ~ Q 2 ~}$ | 2007 Q1 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Beginning net derivative asset (liability) ${ }^{(1)(2)}$ | \$ $(1,321)$ | \$ (233) | \$ 1,007 | \$ 378 | \$ | 1,865 |
| Effect of cash payments: |  |  |  |  |  |  |
| Fair value at inception of contracts entered into during the period | 173 | 30 | (6) | 162 |  | (1) |
| Fair value at date of termination of contracts settled during the period | (426) | 44 | (40) | (30) |  | 112 |
| Net collateral posted | 2,461 | 1,332 | 2,202 | $(2,110)$ |  | (276) |
| Periodic net cash contractual interest payments (receipts) | $(1,148)$ | 744 | $(1,183)$ | 771 |  | (779) |
| Total cash payments (receipts) | 1,060 | 2,150 | 973 | $(1,207)$ |  | (944) |
| Income statement impact of recognized amounts: |  |  |  |  |  |  |
| Periodic net contractual interest income (expense) accruals on interest rate swaps | (26) | 68 | 95 | 64 |  | 34 |
| Net change in fair value during period | $(2,779)$ | $(3,306)$ | $(2,308)$ | 1,772 |  | (577) |
| Derivatives fair value gains (losses), net ${ }^{(3)}$ | $(2,805)$ | $(3,238)$ | $(2,213)$ | 1,836 |  | (543) |
| Ending net derivative asset (liability) ${ }^{(1)(2)}$ | \$ $(3,066)$ | \$ $(1,321)$ | \$ (233) | \$ 1,007 | \$ | 378 |
| ${ }^{(1)}$ Reflects the net amount of "Derivative assets at fair value" and "Derivative liabilities at fair value" recorded in our consolidated balance sheets, excluding mortgage commitments. |  |  |  |  |  |  |
| ${ }^{(2)}$ Pursuant to adoption of FASB Staff Position No. FIN 39-1, cash collateral receivables and payables to offset derivative <br> ${ }^{(3)}$ Reflects the net derivatives fair value gains (losses) recorde commitments. | ment of FASB with the sam consolidated | terpretation counterparty statements of | 39 , we rec nder a mast perations, e | sified amou netting arran ding mortga | rel | ted to |

## FannieMae

## Purchased Options Premiums

| (dollars in millions) | Original Premium Payments |  | Original Weighted Average Life to Expiration | Remaining Weighted Average Life |
| :---: | :---: | :---: | :---: | :---: |
| Outstanding options as of December 31, 2006 | \$ | 8,769 | 9.2 years | 5.7 years |
| Purchases |  | 198 |  |  |
| Exercises |  | (487) |  |  |
| Terminations |  | (212) |  |  |
| Expirations |  | (425) |  |  |
| Outstanding options as of December 31, 2007 | \$ | 7,843 | 8.4 years | 4.6 years |
| Purchases |  | 180 |  |  |
| Exercises |  | $(1,388)$ |  |  |
| Terminations |  | (23) |  |  |
| Expirations |  | (70) |  |  |
| Outstanding options as of March 31, 2008 | \$ | 6,542 | 6.7 years | 3.6 years |

## FannieMae

## Fee and Other Income

| (dollars in millions) | 2008 Q1 |  | 2007 Q4 ${ }^{(1)}$ |  | 2007 Q3 $^{(1)}$ |  | 2007 Q2 $^{(1)}$ |  | 2007 Q1 ${ }^{(1)}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Technology fees | \$ | 82 | \$ | 66 | \$ | 66 | \$ | 70 | \$ | 63 |
| Multifamily fees |  | 42 |  | 79 |  | 59 |  | 81 |  | 88 |
| Transaction fees |  | 34 |  | 17 |  | 31 |  | 34 |  | 35 |
| Other |  | 69 |  | 52 |  | 61 |  | 72 |  | 91 |
| Fee and other income | \$ | 227 | \$ | 214 | \$ | 217 | \$ | 257 | \$ | 277 |

${ }^{(1)}$ Certain amounts have been reclassified to conform to the current period presentation.

## FannieMae

## Selected Financial and Operating Statistics

|  | 2008 Q1 | 2007 Q4 | 2007 Q3 | 2007 Q2 | 2007 Q1 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ratios: ${ }^{(1)}$ |  |  |  |  |  |
| Return on assets ratio ${ }^{(2)}$ | -1.16\% | -1.72\% | -0.72\% | 0.87\% | 0.39\% |
| Return on equity ratio | -40.9 | -51.0 | -19.4 | 22.6 | 10.1 |
| Equity to assets ratio ${ }^{(2)}$ | 4.8 | 4.9 | 4.7 | 4.8 | 4.9 |
| Dividend payout ratio | N/A | N/A | N/A | 26.8 | 47.2 |
| Average effective guaranty fee rate (bps) | 29.5 | 28.5 | 22.8 | 21.5 | 21.8 |
| Credit loss ratio (bps) ${ }^{(3)}$ | 12.6 | 8.1 | 5.3 | 4.0 | 3.4 |
| ${ }^{(1)}$ Definitions of ratios are provided in Item 2 MD\&A - Selected Financial Data in the 2008 Q1 Form 10-Q. <br> ${ }^{(2)}$ Ratios reflect impact on total assets from reclassification of cash collateral receivables and payables pursuant to FIN No. 39-1. <br> ${ }^{(3)}$ Credit loss ratio excludes the impact of SOP 03-3, which requires that loans purchased from MBS trusts be recorded at fair value at aquisition. |  |  |  |  |  |

## FannieMae

## Income Exposures Due to Changes in Interest Rates

- Overall effect - Addressing market-related volatility impact on capital
- Anticipate significant reduction in rate driven income statement volatility as a result of adoption of SFAS 159 (Fair Value Option) and implementation of hedge accounting in April 2008.
- Ongoing interest rate exposure to net income is balanced
- Fair Value Hedge Accounting - The change in the FV of the hedged assets, due to interest rates, will be included in net income.
- Continue to have income statement exposure to changes in interest rates, although significantly reduced, and spread risk on our trading assets.


## FannieMae

## Option Adjusted Spreads (OAS) - Lehman



## FannieMae

The following sets forth a reconciliation of the estimated fair value of our net assets (non-GAAP) to total stockholders' equity (GAAP). A more detailed reconciliation is contained in Table 32 of the 2008 Q1 Form 10-Q.

| (dollars in millions) | As of End of Quarter |  |
| :---: | :---: | :---: |
|  | 2008 Q1 | 2007 Q4 |
| Total Stockholders' Equity (GAAP) | \$ 38,836 | \$ 44,011 |
| Fair value adjustments | $(26,626)$ | $(8,212)$ |
| Estimated Fair Value of Net Assets, net of tax effect (non-GAAP) | \$ 12,210 | \$ 35,799 |
| ${ }^{(1)}$ Represents fair value increase of $\$ 23.5$ billion to total assets of $\$ 843.2$ billion less a fair value increase of $\$ 50.1$ billion to total liabilities of $\$ 804.2$ billion. |  |  |
| ${ }^{(2)}$ Represents fair value increase of $\$ 11.0$ billion to total assets of $\$ 879.4$ billion less a fair value increase of $\$ 19.2$ billion to total liabilities of $\$ 835.3$ billion. |  |  |

## FannieMae

## Impairment Summary

```
(dollars in millions)
```

Liquid investment portfolio
Private-label securities - subprime
Agency MBS
Agency REMICS
Other ${ }^{(1)}$
Total impairments ${ }^{(2)}$

| 2008 Q1 |  | 2007 Q4 |  | 2007 Q3 |  | 2007 Q2 |  | 2007 Q1 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | - | \$ | (388) | \$ | (55) | \$ | - | \$ |  |
|  | (52) |  | (146) |  | (20) |  | - |  |  |
|  | (1) |  | (200) |  | - |  | - |  | (1) |
|  | (2) |  | - |  | - |  |  |  | (2) |
|  | - |  | (2) |  | - |  | - |  | - |
| \$ | (55) | \$ | (736) | \$ | (75) | \$ | - | \$ | (3) |

${ }^{(1)}$ Includes impairments on consolidated structured transactions, manufactured housing bonds, interest-only strips, mortgage revenue bonds, and other special transactions.
${ }^{(2)}$ Includes SFAS 115 and EITF 99-20 impairments of AFS securities.

- Impairments are recorded at fair value and not the value we expect to recover. At current market prices, the value we expect to recover is generally greater than fair value.
- In 2008 Q1, we recorded $\$ 52$ million of other-than-temporary impairment on $\$ 750.6$ million of unpaid principal balance of subprime private-label securities classified as AFS because we concluded that we did not have the intent to hold to recovery ( $\$ 12$ million) or it was no longer probable that we would collect all of the contractual principal and interest amounts due ( $\$ 40$ million).
- Beginning in 2008 Q1, securities in the liquid investment portfolio were re-designated as trading and marked to market through fair value gains (losses).


## FannieMae

## Additional Disclosure Items

- For April 2008, Fannie Mae's average duration gap was 2 months.
- For April 2008, Fannie Mae's net portfolio purchase commitments were approximately $\$ 28$ billion.
- The serious delinquency rate in the single family book as of March 31, 2008, increased to $1.15 \%$, from $0.98 \%$ as of December 31, 2007.


[^0]:    The estimated fair value of our net assets (non-GAAP) represents the estimated fair value of total assets less the estimated fair value of total liabilities. We reconcile the estimated fair value of our net assets (non-GAAP) to total stockholders' equity (GAAP) in Appendix II (pg 49) and Table 32 of our 2008 Q1 Form 10-Q.

[^1]:    At March 31, 2008, Fannie Mae had $\$ 42.7$ billion of core capital and a $\$ 5.1$ billion capital surplus.

[^2]:    "Alt-A mortgage loan" generally refers to a mortgage loan that can be underwritten with reduced or alternative documentation than that required for a full documentation mortgage loan but may also include other alternative product features. As a result, Alt-A mortgage loans generally have a higher risk of default than non-Alt-A mortgage loans. In reporting our Alt-A exposure, we have classified mortgage loans as Alt-A if the lenders that deliver the mortgage loans to us have classified the loans as Alt-A based on documentation or other product features. We have classified private-label mortgage-related securities held in our investment portfolio as Alt-A if the securities were labeled as such when issued.
    "Subprime mortgage loan" generally refers to a mortgage loan made to a borrower with a weaker credit profile than that of a prime borrower. As a result of the weaker credit profile, subprime borrowers have a higher likelihood of default than prime borrowers. Subprime mortgage loans are typically originated by lenders specializing in this type of business or by subprime divisions of large lenders, using processes unique to subprime loans. In reporting our subprime exposure, we have classified mortgage loans as subprime if the mortgage loans are originated by one of these specialty lenders or a subprime division of a large lender. We have classified private-label mortgage-related securities held in our investment portfolio as subprime if the securities were labeled as such when issued.

    * Data as of March 31, 2008

[^3]:    * Certain data contained in this presentation are based upon information that Fannie Mae receives from third-party sources. Although Fannie Mae generally considers this information reliable, it does not guarantee that it is accurate or suitable for any particular purpose. Fannie Mae has access to detailed loan-level information on approximately 95\% of our conventional single-family mortgage credit book of business. Excludes non-Fannie Mae securities held in portfolio.

[^4]:    * Certain data contained in this presentation are based upon information that Fannie Mae receives from third-party sources. Although Fannie Mae generally considers this information reliable, it does not guarantee that it is accurate or suitable for any particular purpose. Fannie Mae has access to detailed loan-level information on approximately 95\% of our conventional single-family mortgage credit book of business. Excludes non-Fannie Mae securities held in portfolio.

[^5]:    
     approximately 95\% of our conventional single-family mortgage credit book of business. Excludes non-Fannie Mae securities held in portfolio.

[^6]:    "Alt-A mortgage loan" generally refers to a mortgage loan that can be underwritten with reduced or alternative documentation than that required for a full documentation mortgage loan but may also include other alternative product features. As a result, Alt-A mortgage loans generally have a higher risk of default than non-Alt-A mortgage loans. In reporting our Alt-A exposure, we have classified mortgage loans as Alt-A if

[^7]:    (1) Defined as UPB of Alt-A loans with credit enhancement as a percent of UPB of all Alt-A loans. At $3 / 31 / 08,8.9 \%$ of UPB of Alt-A loans carried only primary MI (no deductible), $27.1 \%$ had only pool insurance (which is generally subject to a deductible), $3.3 \%$ had primary MI and pool insurance, and $0.7 \%$ carried other credit enhancement such as lender

[^8]:    Treasury information: FNM Economic Forecast, March 2008. Swap and Volatility: Capital Markets group.

