

# **Effectiveness of Credit Risk Markets in Allocating Risk**

**2007 Credit Markets Symposium**

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Wachovia Corporation**



# Three themes

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- **Evolution of credit markets**
- **Managing Wachovia's balance sheet**
- **Creating products for our customers**

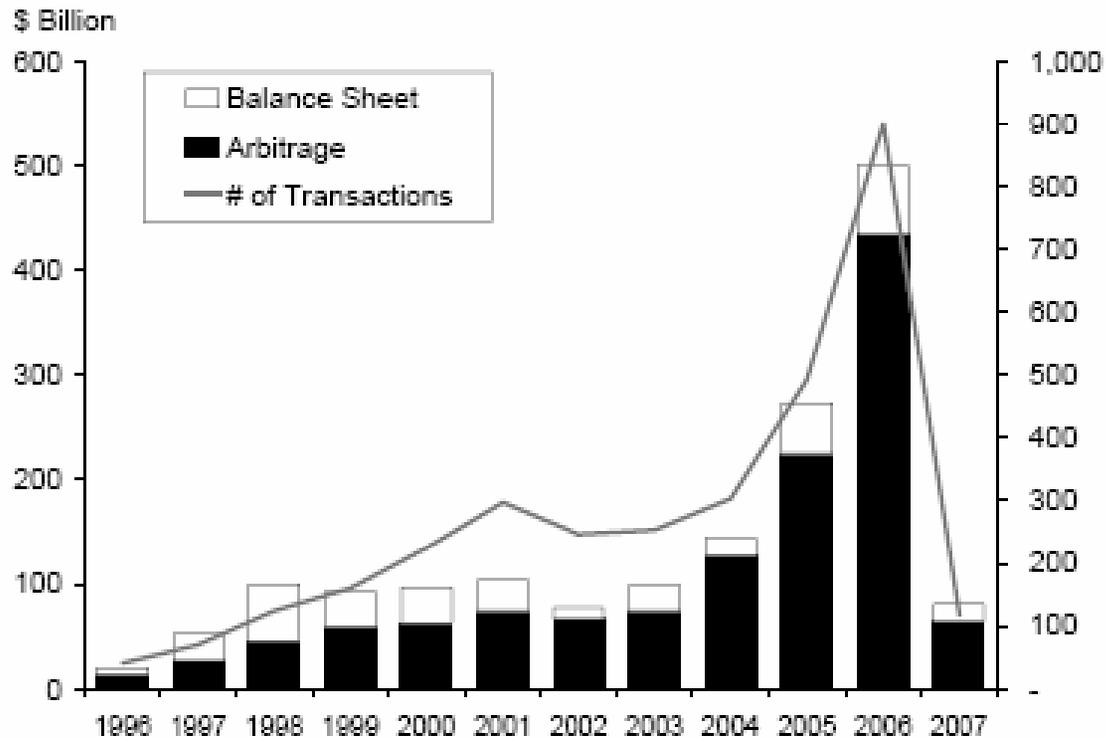
# Credit markets continue to evolve

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- **Continued product innovation**
  - Increasing role of structured credit and securitization.
  - “Derivitization” of markets.
- **New Players**
  - Hedge Funds, Alternative Asset Managers (CLOs, etc...), Prop Desks.
  - International Capital Flows
- **Inter-connected markets**
  - Increased credit market relative value pricing.
  - Equity and credit correlation.
- **More liquidity**
- **Our role evolved from traditional bank to originator & distributor**

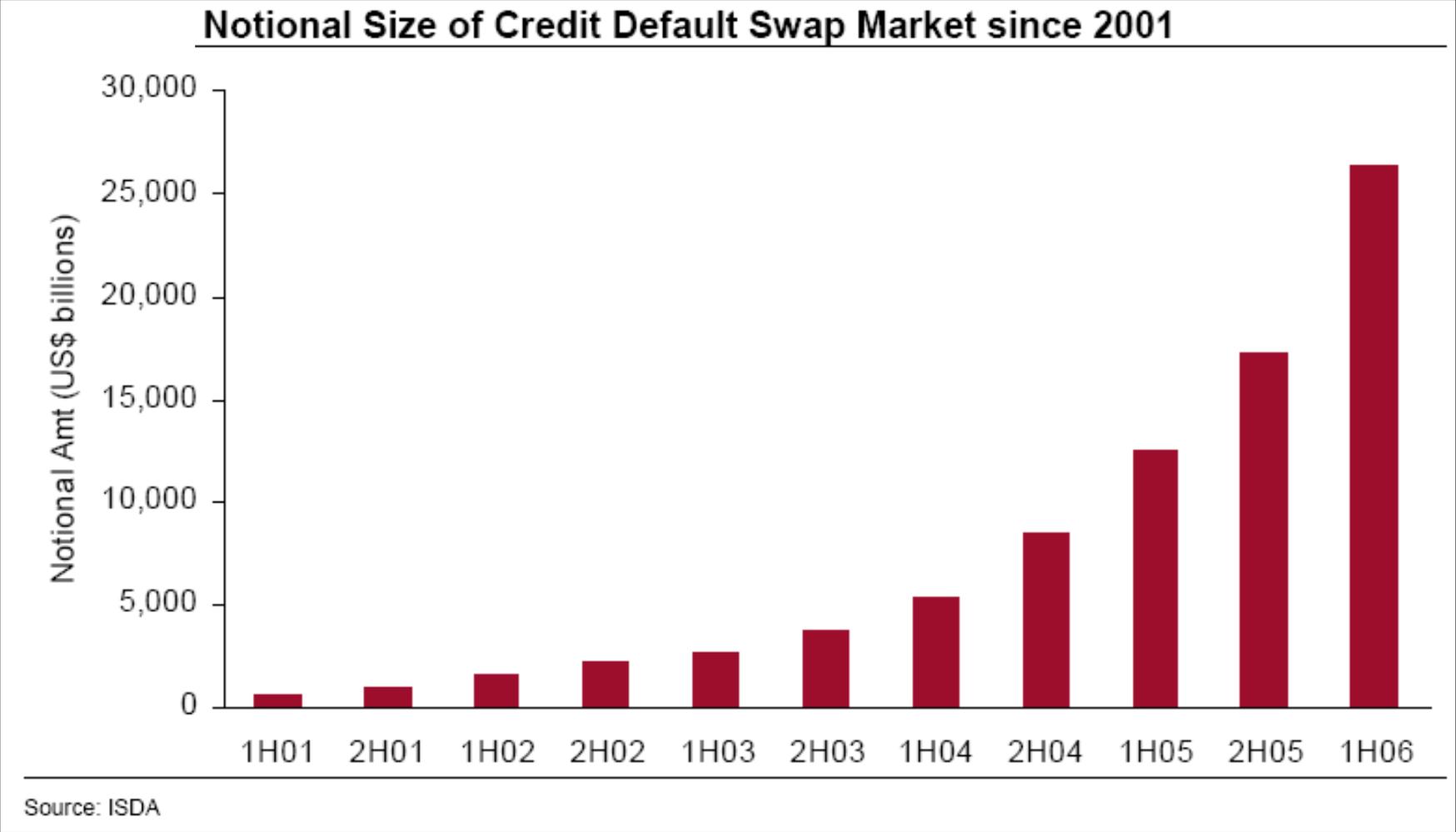
# Explosive growth of CDOs

## Growth in CDO Issuance



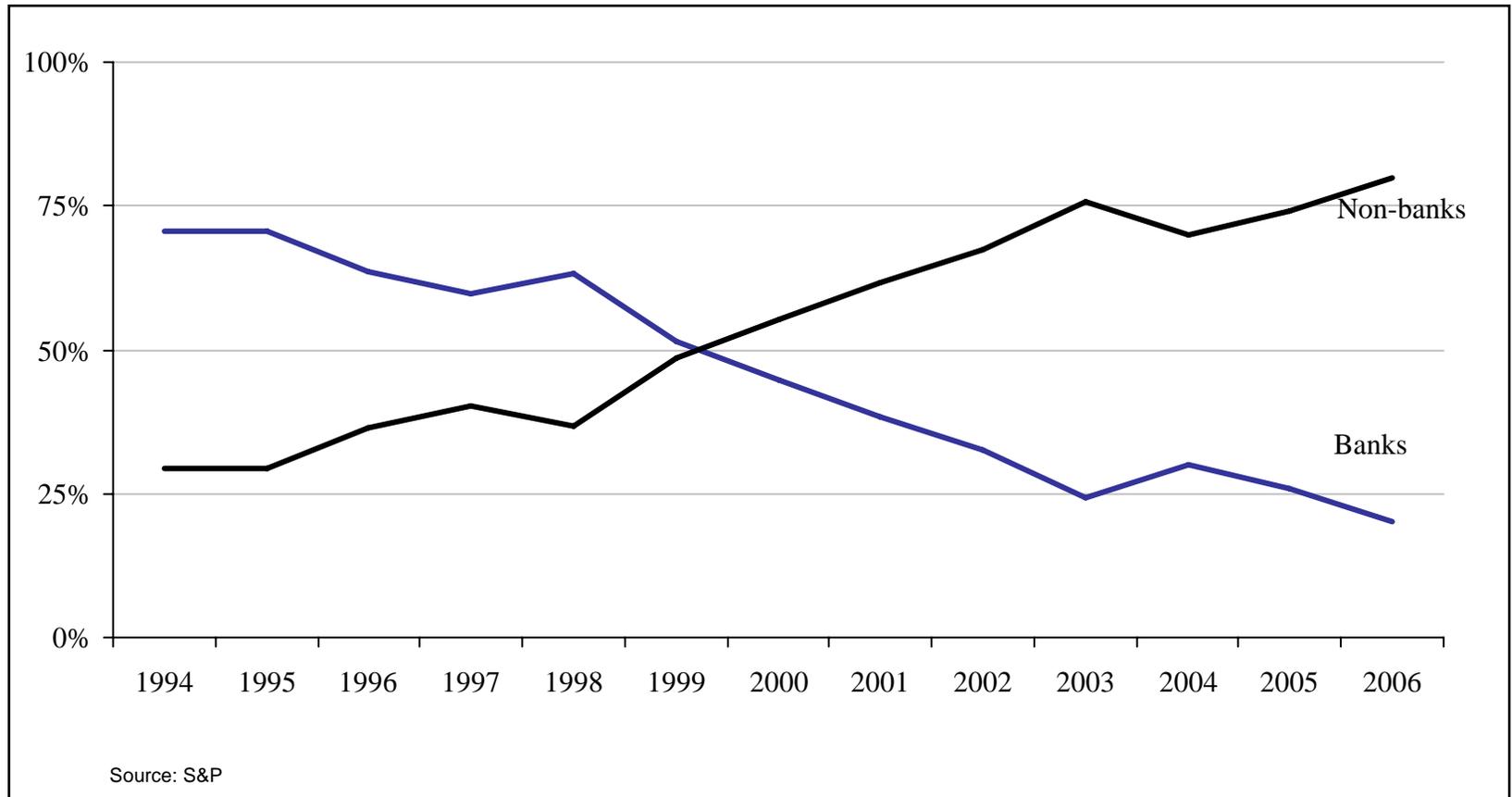
Source: Morgan Stanley, Moody's, S&P, Fitch IBCA, MCM Corporate Watch, Asset-Backed Alert

# Increasing liquidity is most evident in the CDS market



# But arrangers are able to hold less risk

## Primary Market for Highly Leveraged Loans: Banks vs. Non-Banks



Non-banks include: institutional investors, insurance companies, finance companies and securities firms

Excludes all left and right agent commitments (including administrative, syndication and documentation agent as well as arranger)

# **So, Yes credit markets are more effective... and banks are better off**

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- **Systematically, our credit capital markets are more efficient**
- **Credit markets are more effective in allocating risk**
  - New products allow the disaggregation of risk.
  - Holders of risk have more options.
  - New players provide more liquidity.
- **Banks are better off**
  - Can reduce concentrations.
  - Have more options on what risks to retain.

# Wachovia makes use of credit market innovation

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## ■ Securitizations/Sales

### Cash Securitizations

Commercial Real Estate Mortgages

Auto Loans

Student Loans

HELOC's

### Synthetic Securitizations

HELOC's

Margin Loans

### Whole Loan Sales

Student Loans

## ■ Corporate loan syndications

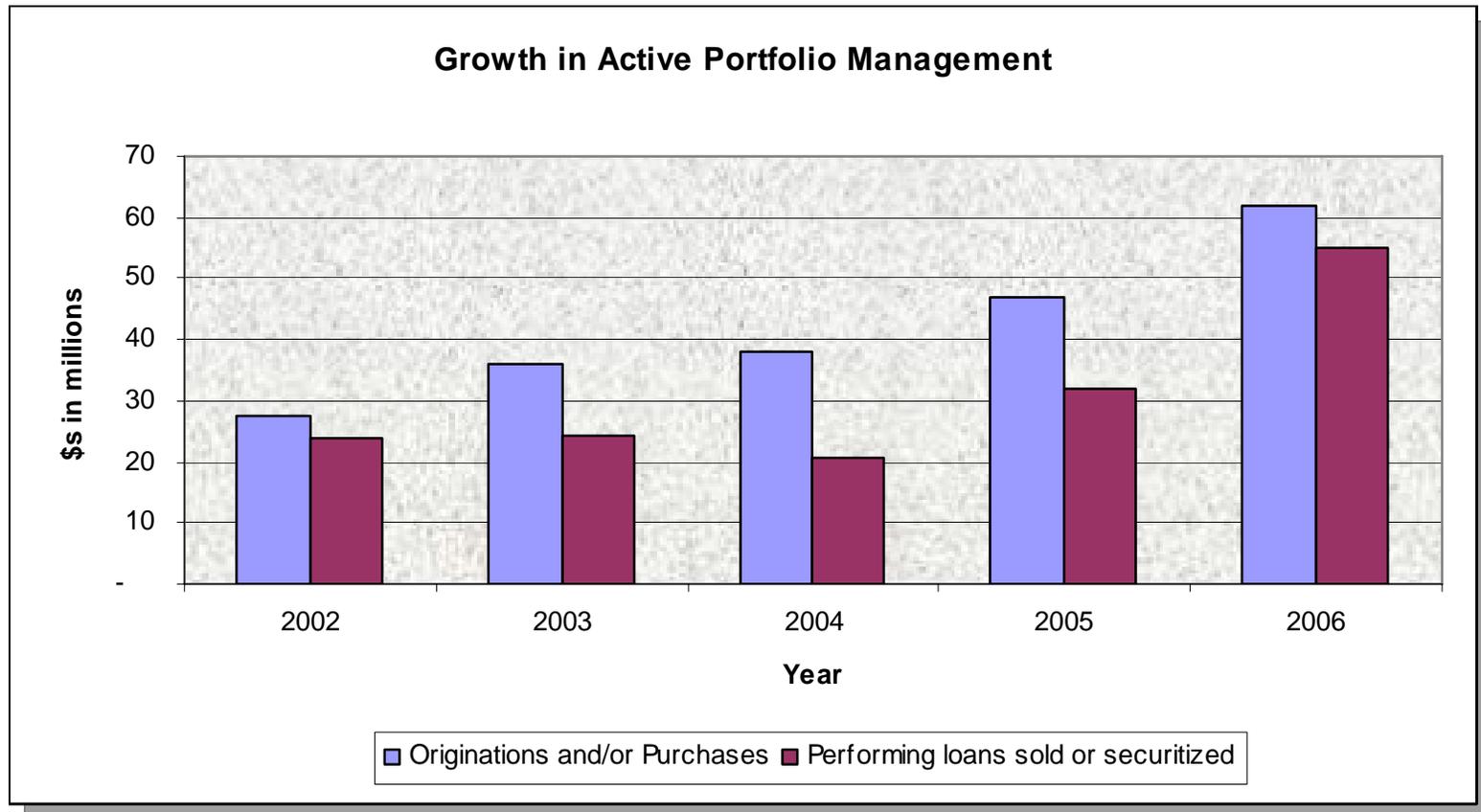
## ■ Single Name Corporate CDS

- Manage excess exposure and credit migration.

## ■ Macro Hedges

# Increased balance sheet turnover

- Last year, Wachovia sold or securitized \$54 billion of loans.
  - \$27 B Commercial Real Estate
  - \$25 B Consumer Mortgage
  - \$2 B Auto



# High quality, low loss content loan portfolio

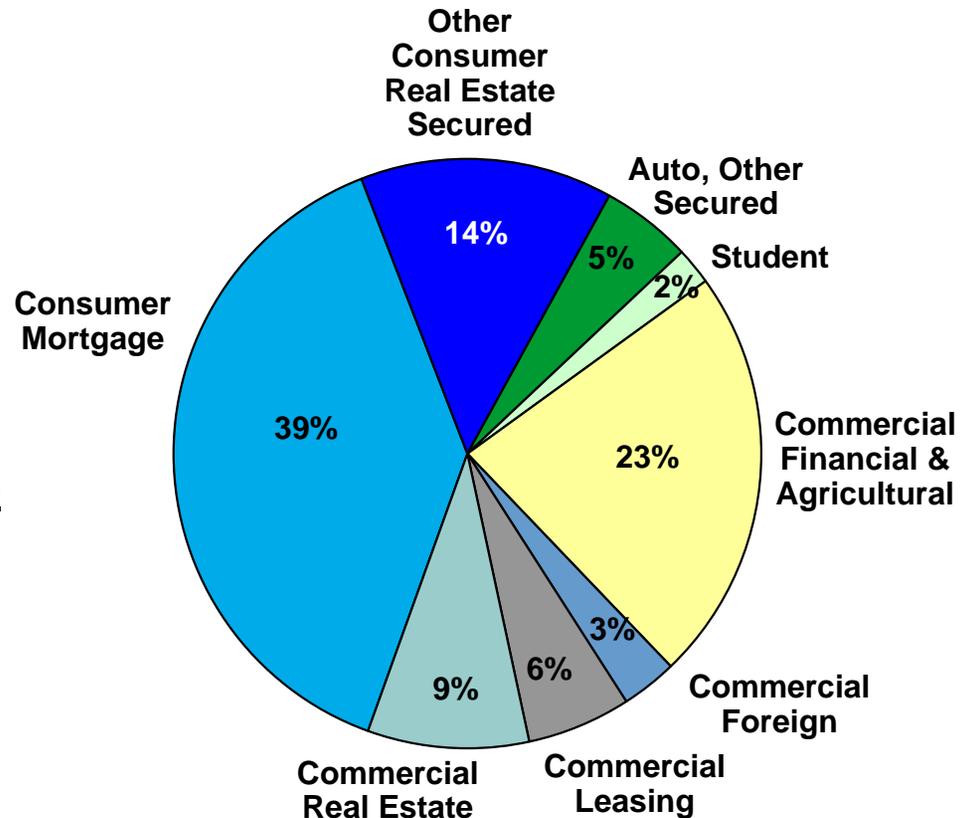
## \$256 billion consumer loan portfolio

- 96% secured (additional 3% guaranteed)
  - 88% secured by Real Estate
- Real Estate portfolio
  - 71% average LTV
  - Average FICO 700
  - 86% First lien secured
- 2006 net losses: 23 bps

## \$171 billion commercial loan portfolio

- 79% secured
- No industry > 5% (3-digit SIC)
- \$1.6 million average size
- 2006 net losses: 3 bps

## Total Loan Portfolio 91% Secured/Guaranteed

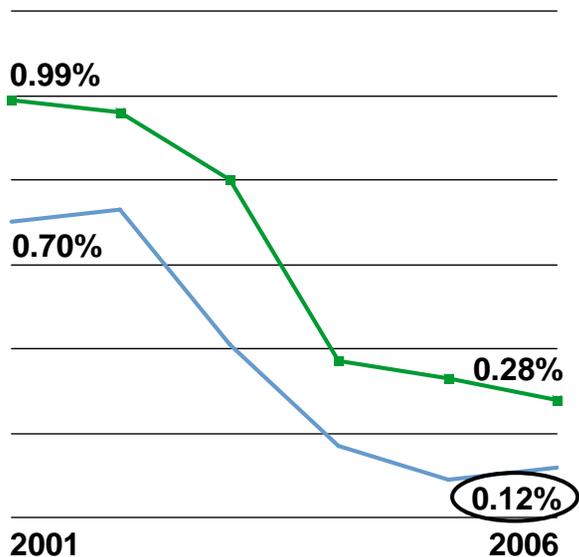


*Period-end balance sheet as of 12/31/2006.  
Includes Golden West which closed on October 1, 2006.*

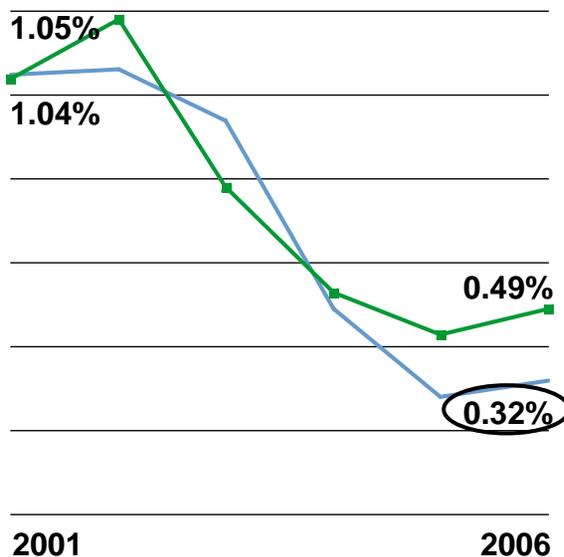
# Credit quality

## Risk reduction = top quality credit positioning

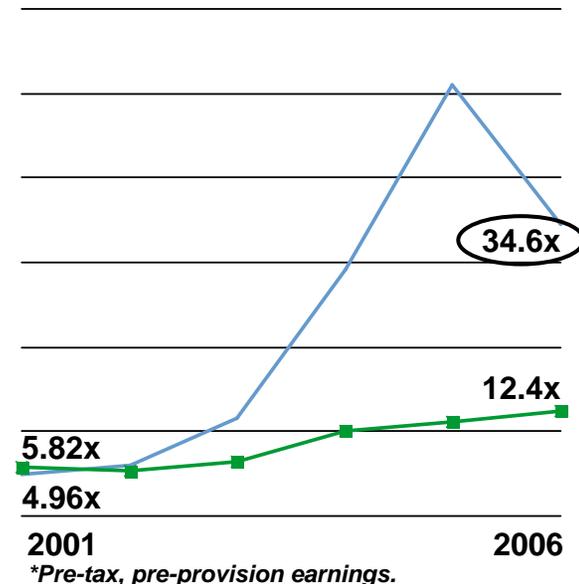
### Net Charge-off Ratio



### NPA/Loans Ratio



### PTPP Earnings\*/ Charge-offs



— Wachovia — Median: Top 20 U.S. Banks

WB	0.12%
USB	0.39%
JPM	0.67%
BAC	0.70%
WFC	0.73%
C	1.16%

BAC	0.26%
WB	0.32%
USB	0.41%
JPM	0.48%
WFC	0.76%
C	0.80%

WB	34.6x
USB	13.7x
BAC	8.6x
JPM	7.7x
WFC	6.7x
C	5.1x

Source: Company reports.

# Creating products for investors

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- **Real Estate Capital Markets**
  - # 1 US CMBS Bookrunner
  
- **CDOs**
  - # 3 US CDO Bookrunner
  - # 1 Commercial Real Estate CDO Bookrunner
  
- **Asset Securitization**
  - # 3 Auto ABS
  - # 5 Student Loan
  
- **Loan Syndications**
  - # 4 Domestic Lead Arranger

# Conclusion

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- **The innovation and growth in credit markets has provided opportunities:**
  - **To better understand and actively manage risk.**
  - **To create products for customers.**
- **Market participants have a choice as to how much risk to retain.**
- **Wachovia has chosen to maintain a high quality, low risk portfolio.**

# Cautionary statement

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This investor presentation may contain, among other things, certain forward-looking statements, including, without limitation, (i) statements regarding certain of Wachovia's goals and expectations with respect to earnings, earnings per share, revenue, expenses and the growth rate in such items, as well as other measures of economic performance, including statements relating to estimates of credit quality trends, (ii) statements relating to the benefits of the merger between Golden West and Wachovia completed on October 1, 2006 (the "Golden West Merger"), including future financial and operating results, cost savings, enhanced revenues and the accretion or dilution to reported earnings that may be realized from the Golden West Merger, (iii) statements relating to the benefits of the merger between Wachovia and Westcorp and Wachovia's related acquisition of WFS Financial Inc ("WFS Financial"), a subsidiary of Westcorp, completed on March 1, 2006 (the "Westcorp Transaction"), including future financial and operating results, cost savings, enhanced revenues and the accretion or dilution to reported earnings that may be realized from the Westcorp Transaction, and (iv) statements preceded by, followed by or that include the words "may", "could", "should", "would", "believe", "anticipate", "estimate", "expect", "intend", "plan", "projects", "outlook" or similar expressions. These statements are based upon the current beliefs and expectations of Wachovia's management and are subject to significant risks and uncertainties. Actual results may differ from those set forth in the forward-looking statements.

The following factors, among others, could cause Wachovia's financial performance to differ materially from that expressed in such forward-looking statements: (1) the risk that the businesses of Wachovia and/or Golden West in connection with the Golden West Merger or the businesses of Wachovia, Westcorp and WFS Financial in connection with the Westcorp Transaction will not be integrated successfully or such integration may be more difficult, time-consuming or costly than expected; (2) expected revenue synergies and cost savings from the Golden West Merger or the Westcorp Transaction may not be fully realized or realized within the expected time frame; (3) revenues following the Golden West Merger or the Westcorp Transaction may be lower than expected; (4) deposit attrition, operating costs, customer loss and business disruption following the Golden West Merger or the Westcorp Transaction, including, without limitation, difficulties in maintaining relationships with employees, may be greater than expected; (5) the strength of the United States economy in general and the strength of the local economies in which Wachovia conducts operations may be different than expected resulting in, among other things, a deterioration in credit quality or a reduced demand for credit, including the resultant effect on Wachovia's loan portfolio and allowance for loan losses; (6) the effects of, and changes in, trade, monetary and fiscal policies and laws, including interest rate policies of the Board of Governors of the Federal Reserve System; (7) inflation, interest rate, market and monetary fluctuations; (8) adverse conditions in the stock market, the public debt market and other capital markets (including changes in interest rate conditions) and the impact of such conditions on Wachovia's capital markets and capital management activities, including, without limitation, Wachovia's mergers and acquisition advisory business, equity and debt underwriting activities, private equity investment activities, derivative securities activities, investment and wealth management advisory businesses, and brokerage activities; (9) the impact of changes in financial services' laws and regulations (including laws concerning taxes, banking, securities and insurance); (10) unanticipated regulatory or judicial proceedings or rulings; (11) adverse changes in financial performance and/or condition of Wachovia's borrowers which could impact repayment of such borrowers' outstanding loans. Additional factors that could cause Wachovia's results to differ materially from those described in the forward-looking statements can be found in Wachovia's Annual reports on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K filed with the SEC. All subsequent written and oral forward-looking statements concerning Wachovia, the Golden West Merger, the Westcorp Transaction or other matters and attributable to Wachovia or any person acting on its behalf are expressly qualified in their entirety by the cautionary statements above. Wachovia does not undertake any obligation to update any forward-looking statement, whether written or oral, relating to the matters discussed in this investor presentation.