Data Reference in Depth (Part I):
Subjects, Sources and Challenges

Mary Tao
Federal Reserve Bank of New York

The views expressed are mine and do not necessarily reflect the position of
the Federal Reserve Bank of New York or the Federal Reserve System.
How the 3 Little Pigs Lost their Houses
to subprime mortgages
and other Big Bad Wolves
What Happened?

- subprime mortgage crisis - 2007
- credit crisis - 2008
- global financial crisis - still ongoing
Lehman Brothers

DEPFA BANK

Hypo Real Estate Group
How Did It Happen??

- Low interest rates - more people can afford to buy houses
- Poor lending practices
  - NINA, NINJA
  - ARMS
- subprime mortgages
  - [The Giant Pool of Money](#)
  - [Booms and Busts: The Case of Subprime Mortgages](#)
How Did It Happen?

- easy credit from around the world
- mortgage securitization - led by investment banks in US, UK, Germany and Switzerland
- bank balance sheet- liquidity crisis
  - Bad Bank - visual representation
"great ____ ____ wrapped around the face of humanity, relentlessly jamming its blood funnel into anything that smells like money"

By Matt Taibbi, "The Great American Bubble Machine" in Rolling Stone, July 9-23 2009
Financial Crisis Data Resources

- Banking
- Mortgages
- Credit Cards
- Other Financial Data
Banking Datasets

- **CRSP-FRB Link**
  - [http://www.newyorkfed.org/research/banking_research/datasets.html](http://www.newyorkfed.org/research/banking_research/datasets.html)

- **Assets and Liabilities of Commercial Banks in the United States - H.8**
  - [http://www.federalreserve.gov/releases/h8/about.htm](http://www.federalreserve.gov/releases/h8/about.htm)

- **Reports of Condition and Income (Call Reports)**
  - [https://cdr.ffiec.gov/public/](https://cdr.ffiec.gov/public/)

- **SNL Financial $**
- **Bloomberg $**
QUARTERLY SUMMARY OF BANKING STATISTICS
Third Quarter 2009
Mortgages

- Mortgage Market Statistical Annual
- Federal Housing Finance Agency (FHFA)
- U.S. Bureau of the Census
- U.S. Credit Conditions: Mortgages
- First American CoreLogic LoanPerformance
- Equifax
- Haver Analytics
- Bloomberg
  - RATT function
Figure 5

Months Supply of Homes Available for Sale

Sources: U.S. Bureau of the Census and National Association of Realtors

Percent of 90+ days Late Mortgage Balance Owned by Multiple Home Owners

Source: Equifax, FRBNY

Mortgage-backed Securities

- Mortgage Market Statistical Annual
  - total securities issuance volume - see example in MBS Ratings and the Mortgage Credit Boom
- Bloomberg
  - RATT function
Credit Cards

- Equifax $
- Bloomberg $
- SNL Financial $
  - Credit Card Delinquency Data
Other Financial Data

- Credit Ratings
  - Big 3 (Moody's, Standard & Poor's, Fitch) 
    - Bloomberg, SNL Financial

- Credit Risk
  - Greece, Iceland
  - Big 3, Bloomberg
  - Financial Soundness Indicators (FSIs)
Moody’s Analytics

Capital Markets Research Group Sovereign Risk Report

Updated: 5/17/2010

About this Report

This report is produced by Moody’s Analytics’ Capital Markets Research Group (CMRG). The CMRG focuses on quantitative approaches to analyzing credit risk. Our analyses are built upon Market Implied Ratings (MIR®) and Moody’s Analytics’ EDF™ (expected default frequency) measures -- the leading probability of default model. CMRG data and research are based on trading prices observed in securities markets, complementing the ratings and research produced by Moody’s Investors Service (MIS), the rating agency.

Contact us: capitalmarketsresearch@moodys.com

Read the full CMRG FAQ here: http://v3.moodys.com/sites/products/ProductAttachments/CMRG_FAQ.pdf

Moody’s OrgID in parentheses

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Reading/Viewing/Listening List

• The Current Financial Crisis: Causes and Policy Issues
• The Financial Crisis Timeline
• A Word on the Economy: Why Is the Country Facing a Financial Crisis? without audio
• The Crisis of Credit Visualized
Thank you!

Contact: mary.tao@ny.frb.org