



# VGFOA Central Region Chapter

## Market Update

PFM

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**Presented by:**

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# Economy Remains Stagnant



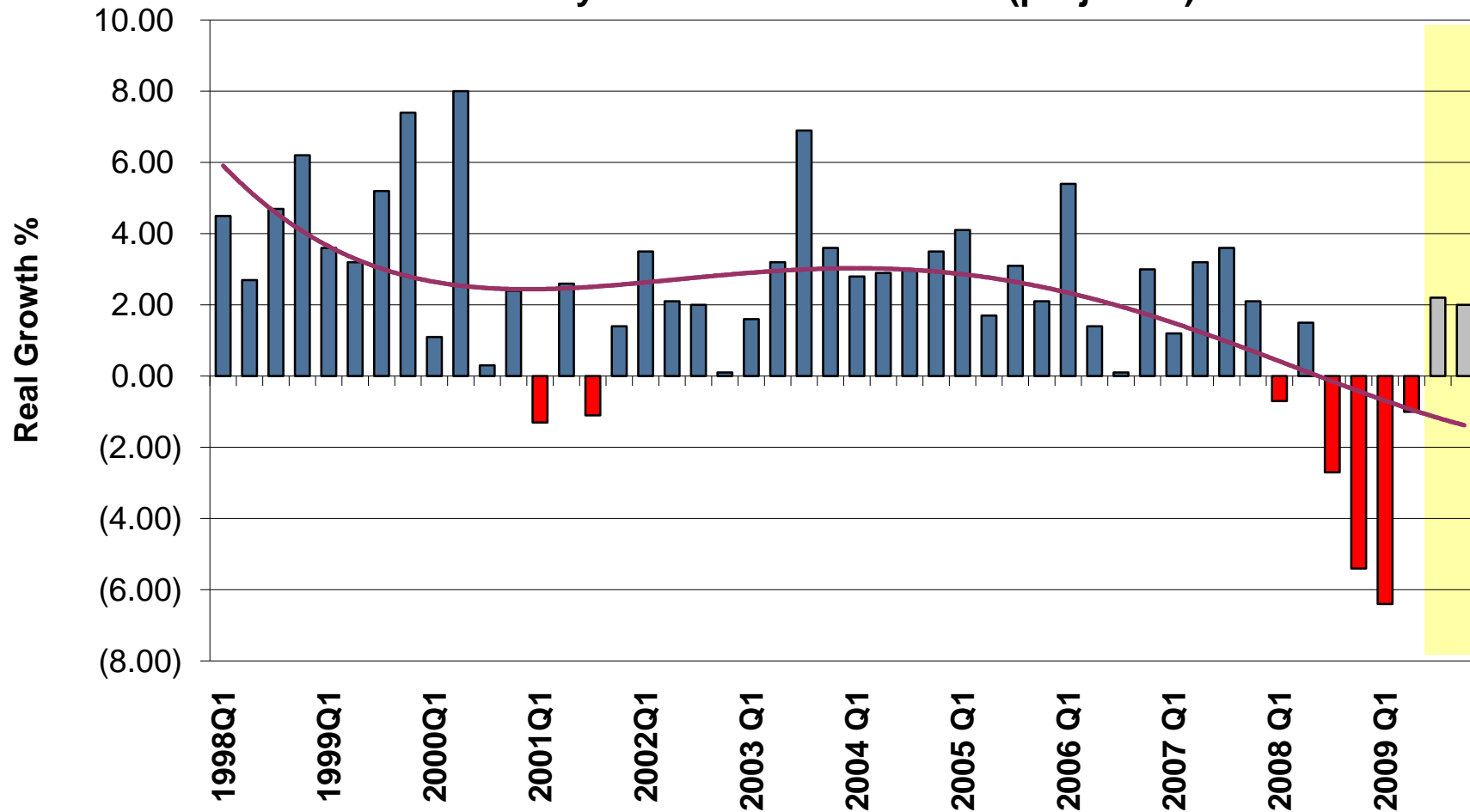
“Things went from bad to worse, but we’re hopeful now that things are going badly again.”

Source: [www.andertoons.com](http://www.andertoons.com)

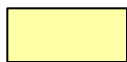
# Gross Domestic Product



Gross Domestic Product  
January 1998 – December 2009 (projected)



Source: Bloomberg

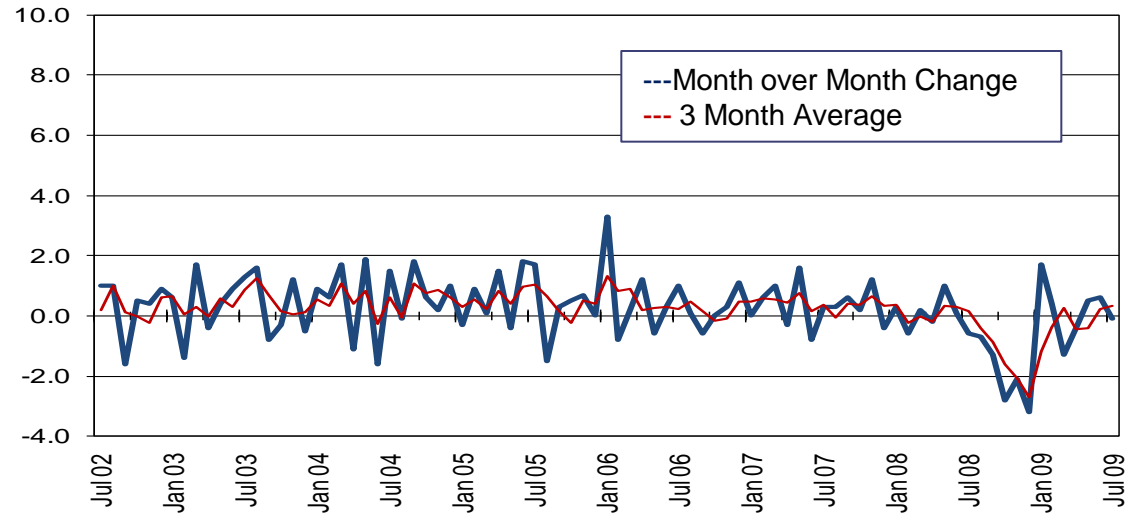


Bloomberg Survey Estimates, August 2009

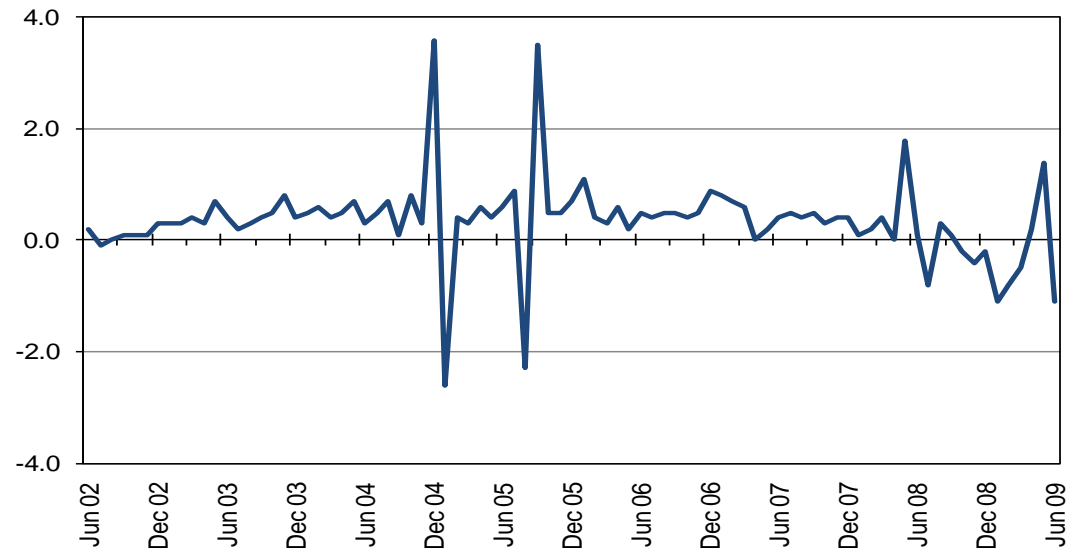
# Retail Sales Show Modest Rebound



**Retail Sales** (Monthly Change)  
July 2002 – July 2009



**Personal Income** (Monthly Change)  
June 2002 – June 2009



- Overall sales declined in July after two monthly increases
- Sales remain down 8% year over year
- Personal income growth is down 3.4% vs. last year
- Consumer Confidence remains weak

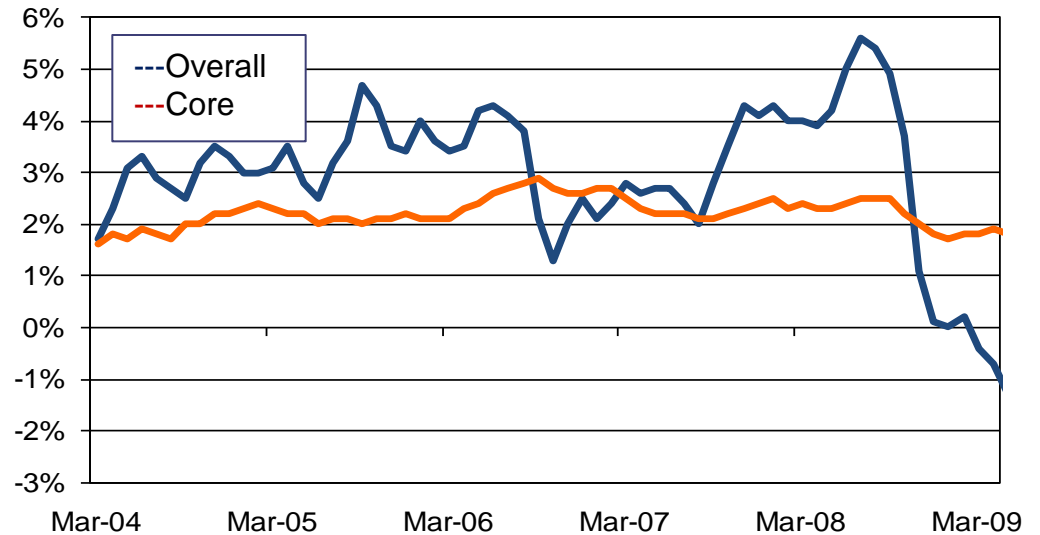
Source: Bloomberg

# Core Inflation Is Well Within Fed's Preferred Range; Food and Energy Remain Volatile



- Core prices still within the Fed's 1.5% - 2.0% target
- Broad consumer price indicators (CPI) down 2.1% from July 2009
- Volatility in oil and commodity prices clouds picture
- Oil price rebound may reverse the softness in overall CPI

**Consumer Prices (Year-Over-Year)**  
March 2004 – July 2009



**Crude Oil Future Contract, Near Month**  
February 2006 – August 2009



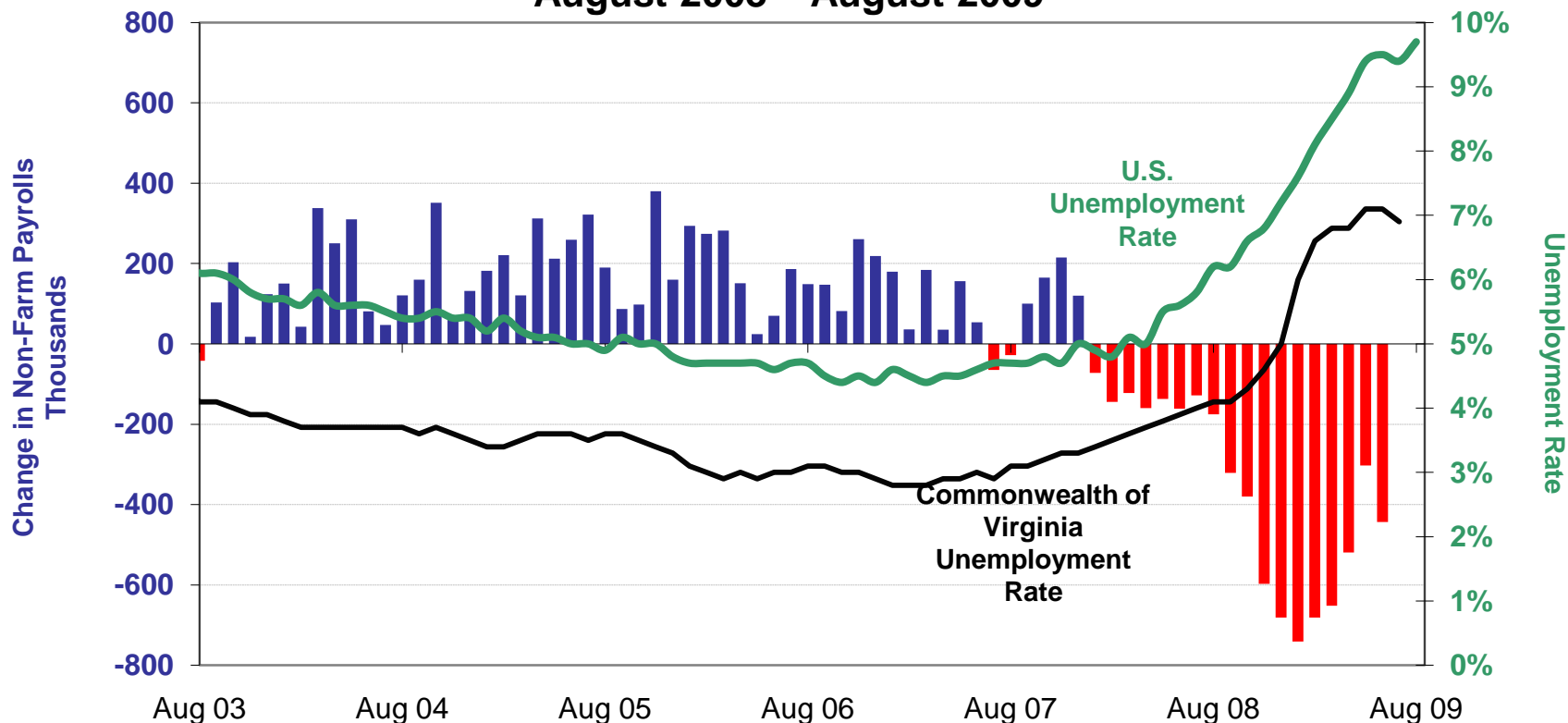
Source: Bloomberg

# Job Losses



- The national economy has lost nearly 7 million jobs since December 2007.
- Job losses have significantly exceeded jobs created during the preceding expansion.
- The preliminary statewide unemployment rate stands at 6.9%, notably lower than the national rate of 9.7%.

**Change in Non-Farm Payrolls vs. Unemployment Rate  
August 2003 – August 2009**



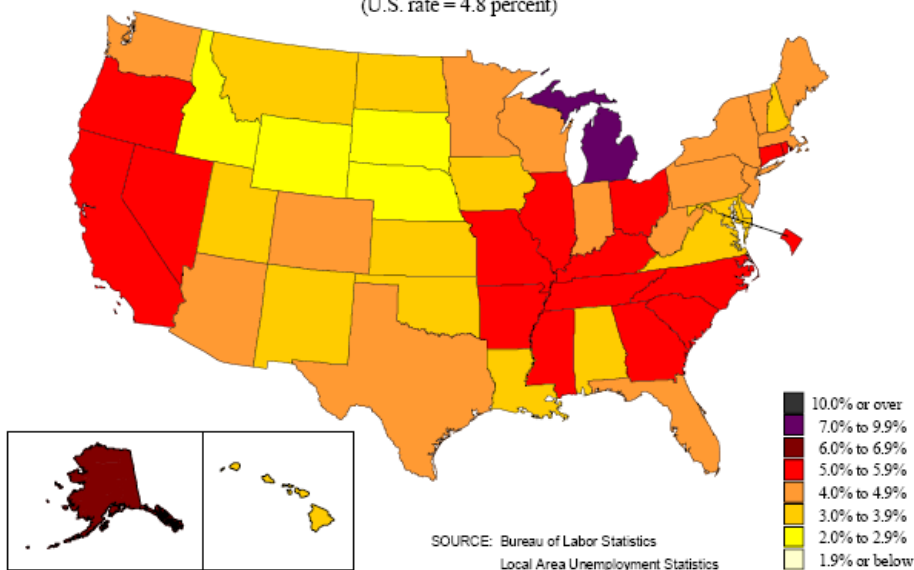
Source: Bloomberg, Bureau of Labor Statistics

# Rising Unemployment



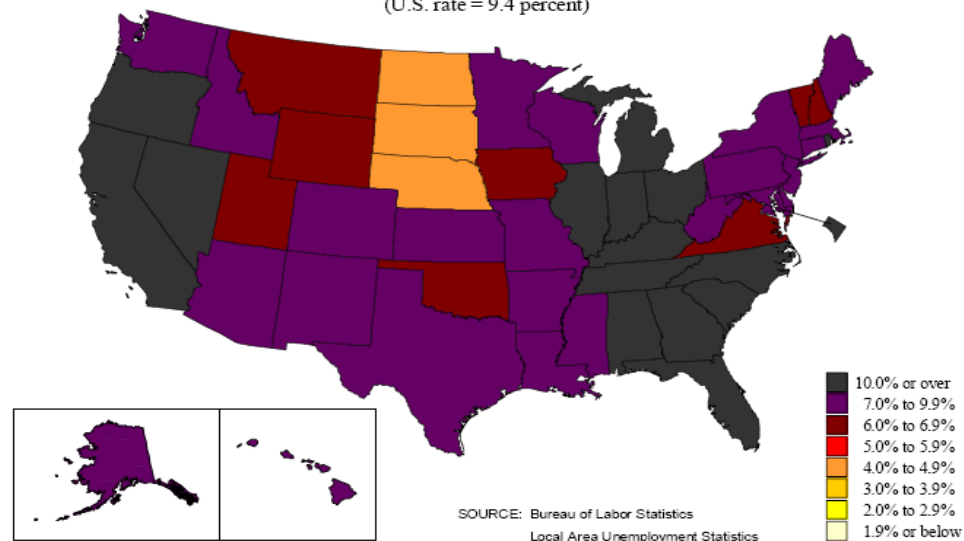
## Unemployment Rates by State April 2008

(U.S. rate = 4.8 percent)



## Unemployment Rates by State July 2009

(U.S. rate = 9.4 percent)



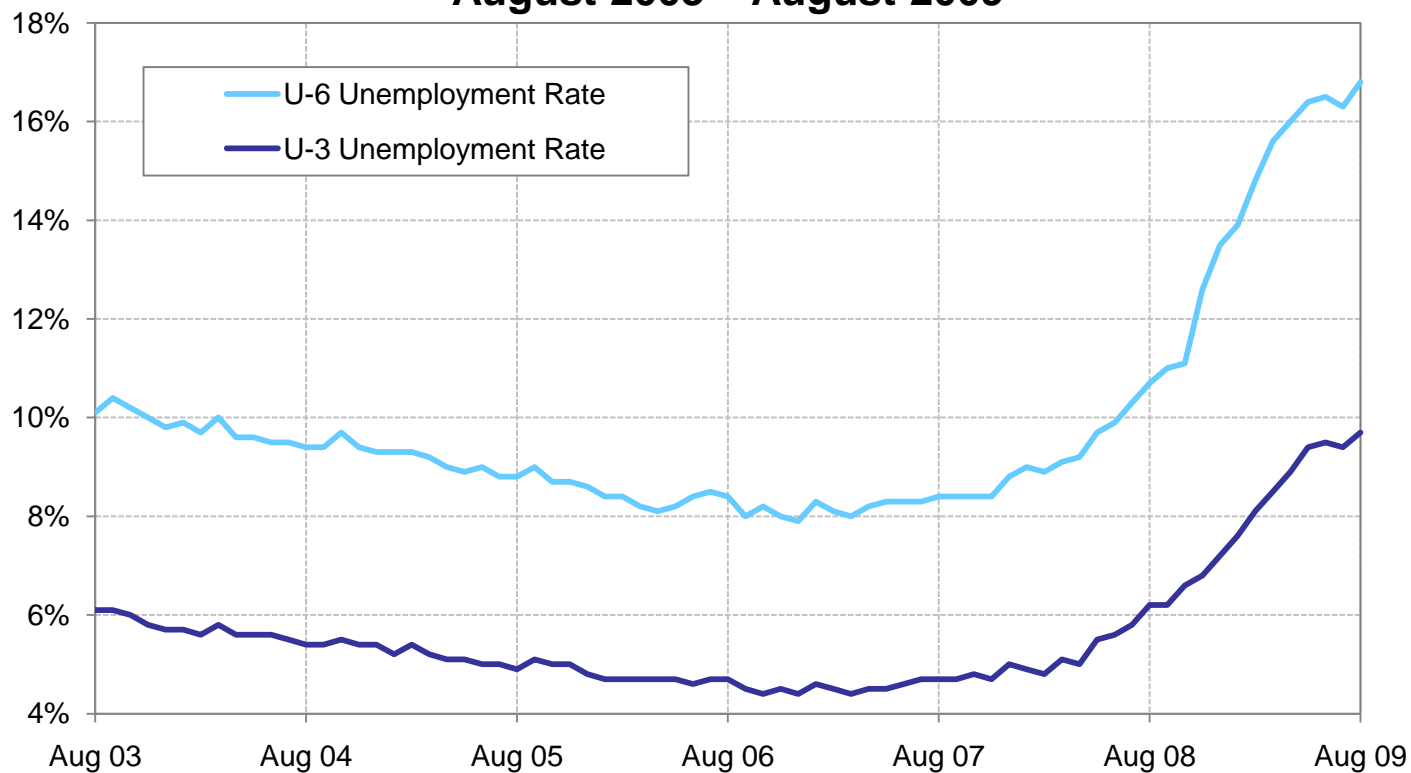
Source: Bureau of Labor Statistics

# What Is the True Unemployment Rate?



- While U-3, the most widely reported measure of unemployment, registered at 9.7% in August, the U-6 rate of unemployment reached an incredible 16.8%.
- U-6 includes the total unemployed (U-3), plus “all marginally attached workers, plus total employed part time for economic reasons.”

**U-3 vs. U-6 Unemployment Rate  
August 2003 – August 2009**



Source: Bureau of Labor Statistics, U.S. Department of Labor

# Housing Slump Continues



- Although home sales have experienced a slight up-tick in recent months, levels are still down over 30% from the height of the housing boom in August 2005.
- Sales volume is likely to remain low until declining home values begin to stabilize.

**Existing Home Sales**  
June 2004 – June 2009



Source: National Association of Realtors

**New Homes Sales**  
July 2004 – July 2009



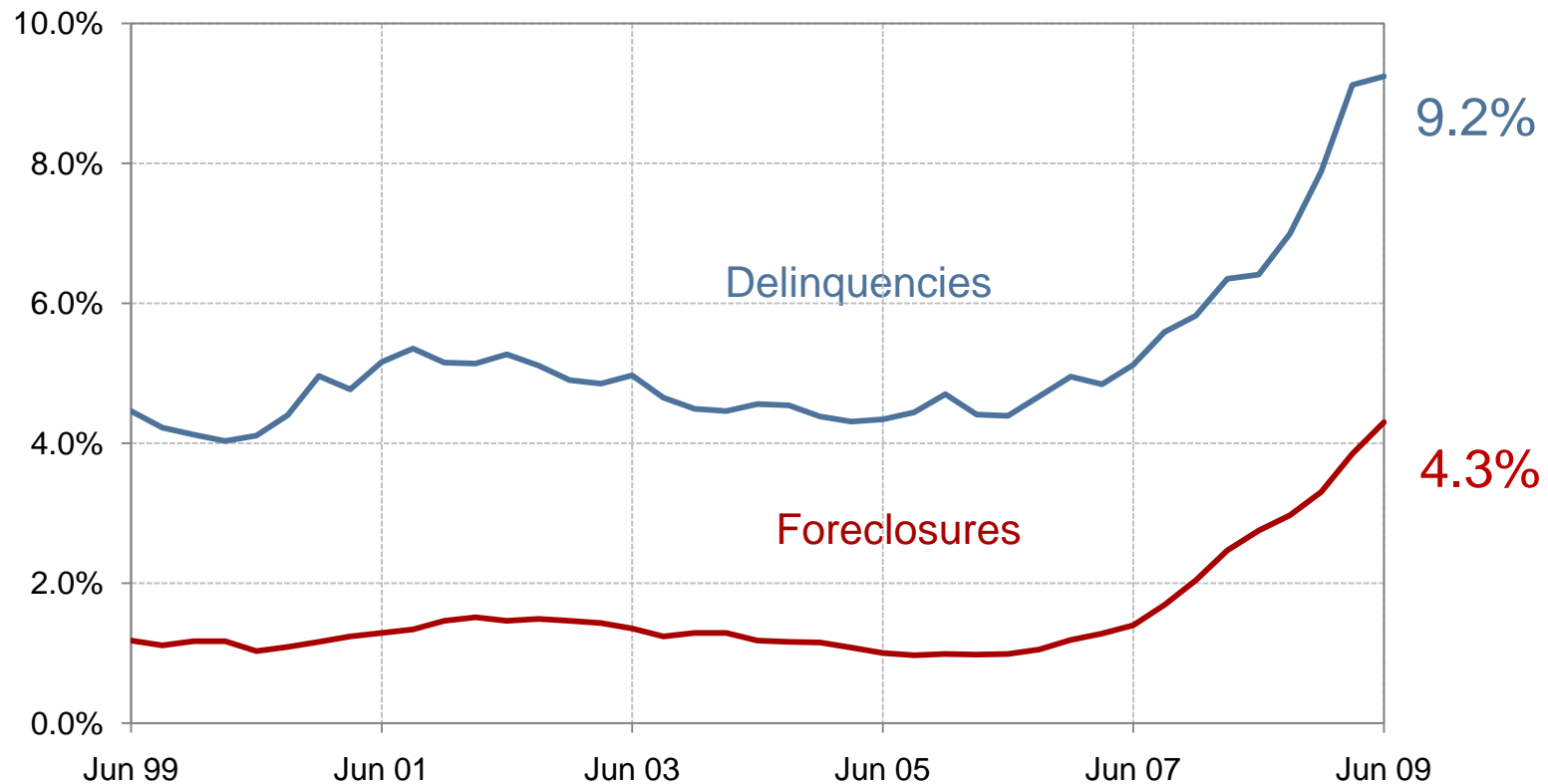
Source: National Association of Realtors

# Foreclosures, Delinquencies at Record Highs



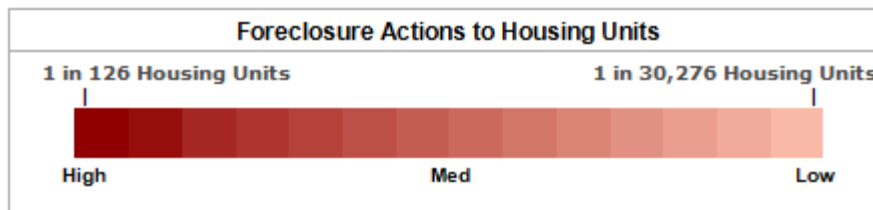
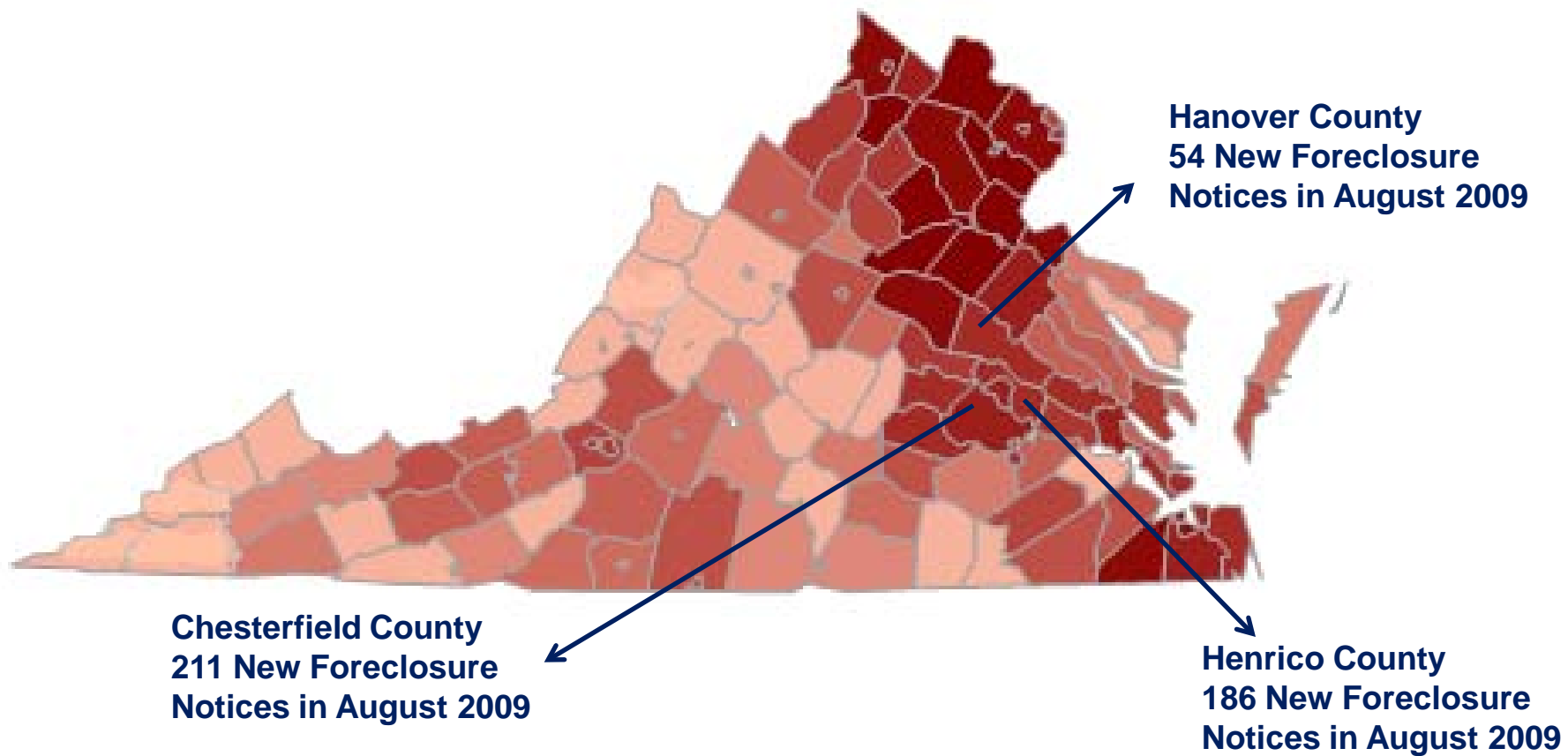
- As of June 2009, 13% of all mortgages were either delinquent or in foreclosure.
- The rising rate of mortgage delinquencies is an early indicator of future foreclosures and signals continued weakness in the housing sector.

**U.S. Mortgage Delinquencies / Foreclosures**  
Second Quarter 1999 – Second Quarter 2009



Source: Mortgage Bankers Association

# New Foreclosure Activity August 2009

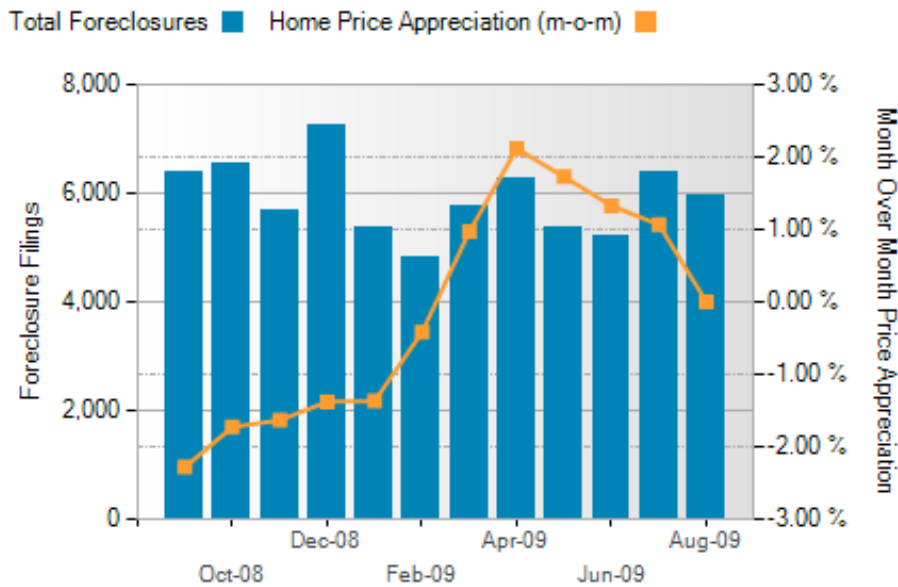


Source: RealtyTrac

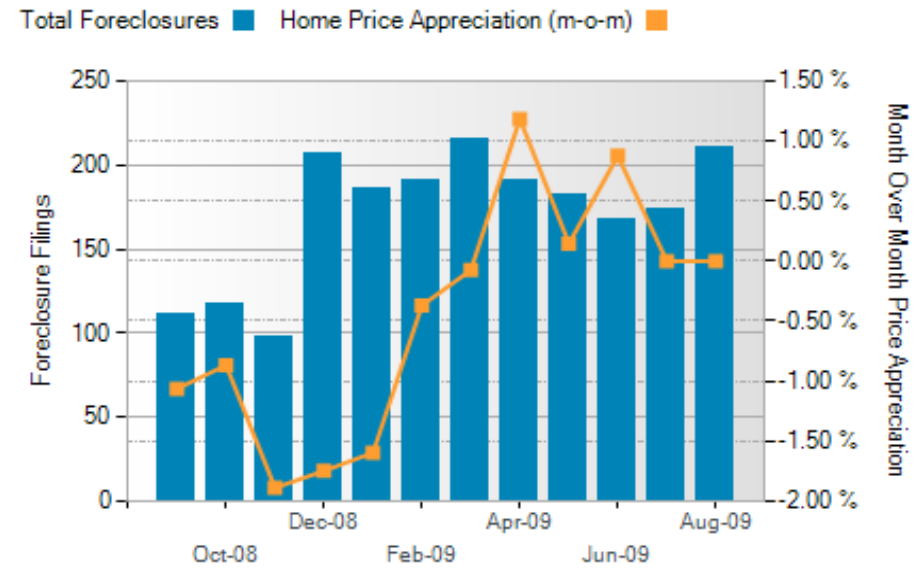
# Historical Foreclosure Activity in Virginia



**Statewide Foreclosures vs. Home Price Appreciation  
September 2008 – August 2009**



**Chesterfield County Foreclosures vs. Home Price Appreciation  
August 2008 – August 2009**

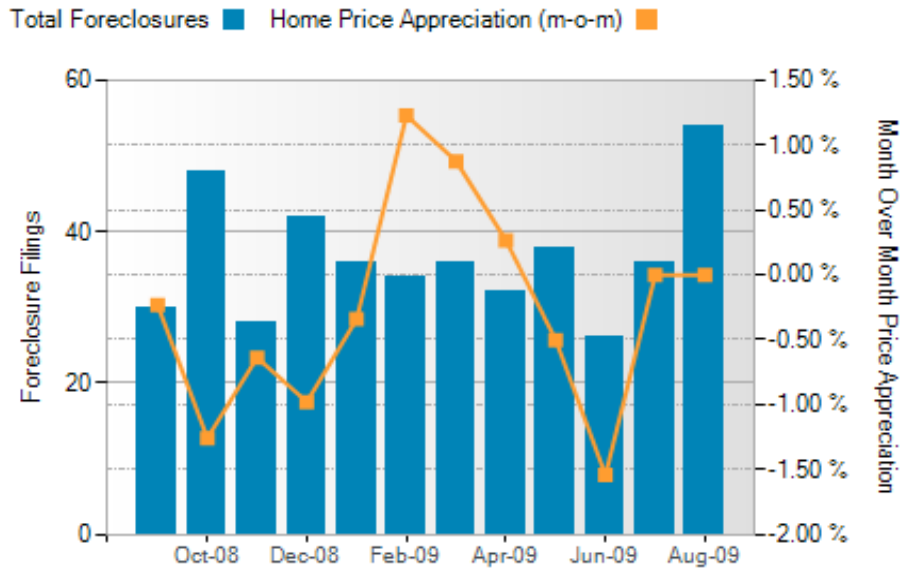


Source: RealtyTrac

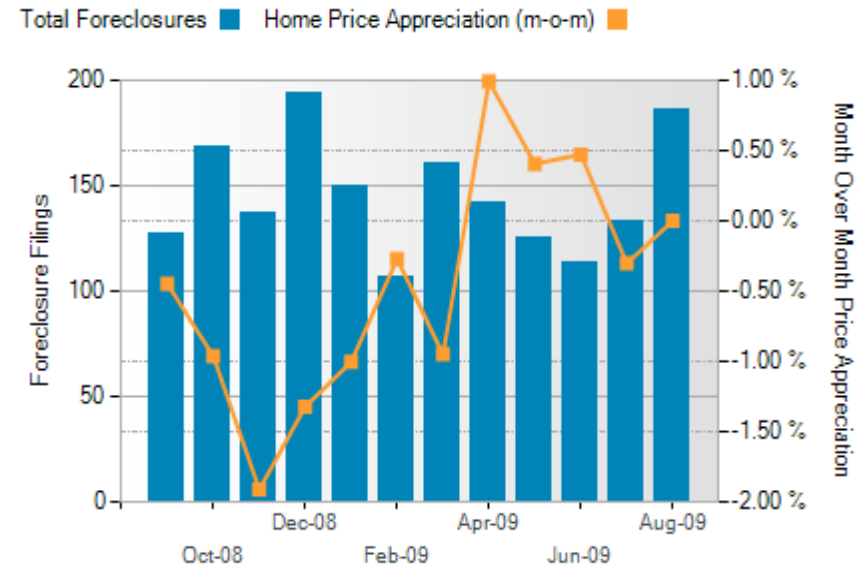
# Historical Foreclosure Activity in Virginia



## Hanover County Foreclosures vs. Home Price Appreciation September 2008 – August 2009



## Henrico County Foreclosures vs. Home Price Appreciation August 2008 – August 2009

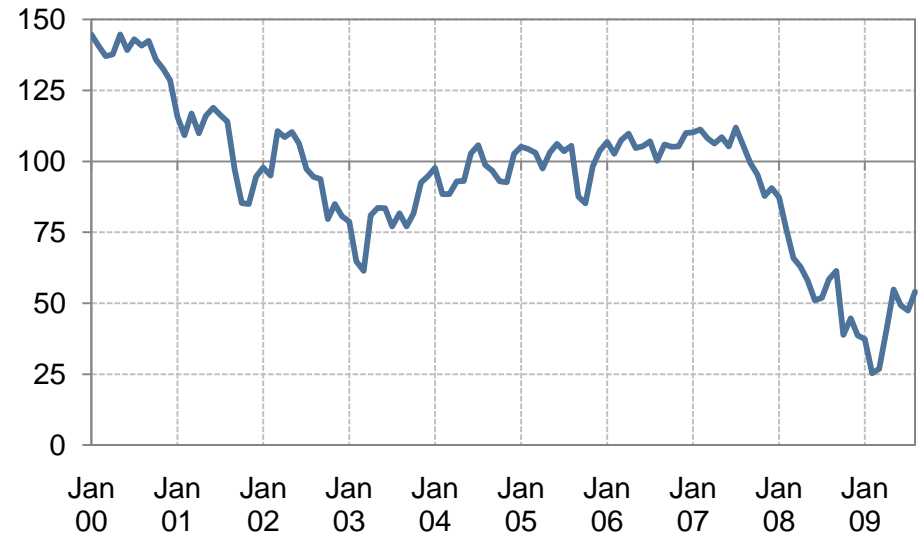


Source: RealtyTrac

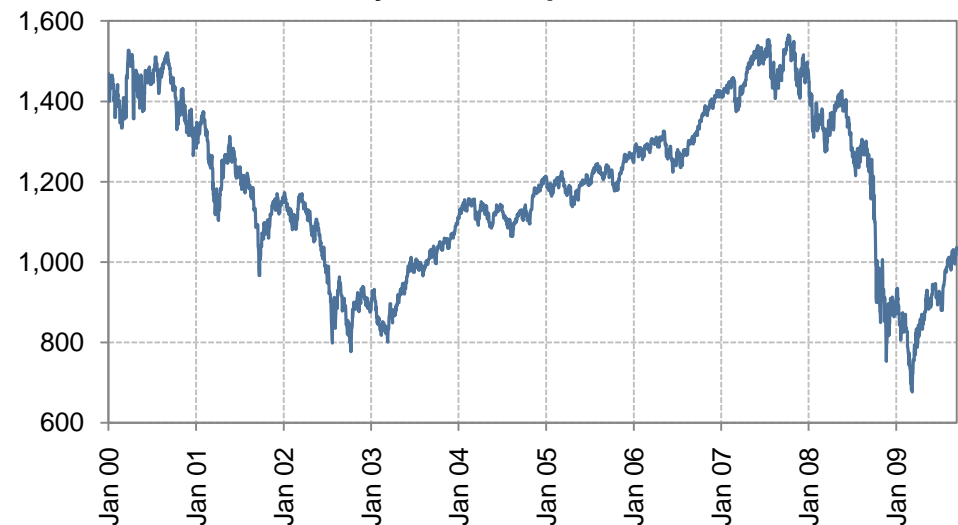
# “Green Shoots are Almost Evident”



**Consumer Confidence**  
January 2000 – August 2009



**S&P 500 Index**  
January 2007 – September 2009



- In February, consumer confidence hit a low of 25.3, lowest level reported since the creation of the index in 1967.
  - Previous trough was a low of 43.2 set in December 1974.
  - Current level – 54.1

- Since setting a low on March 9<sup>th</sup>, the stock market has rebounded by nearly 53%.

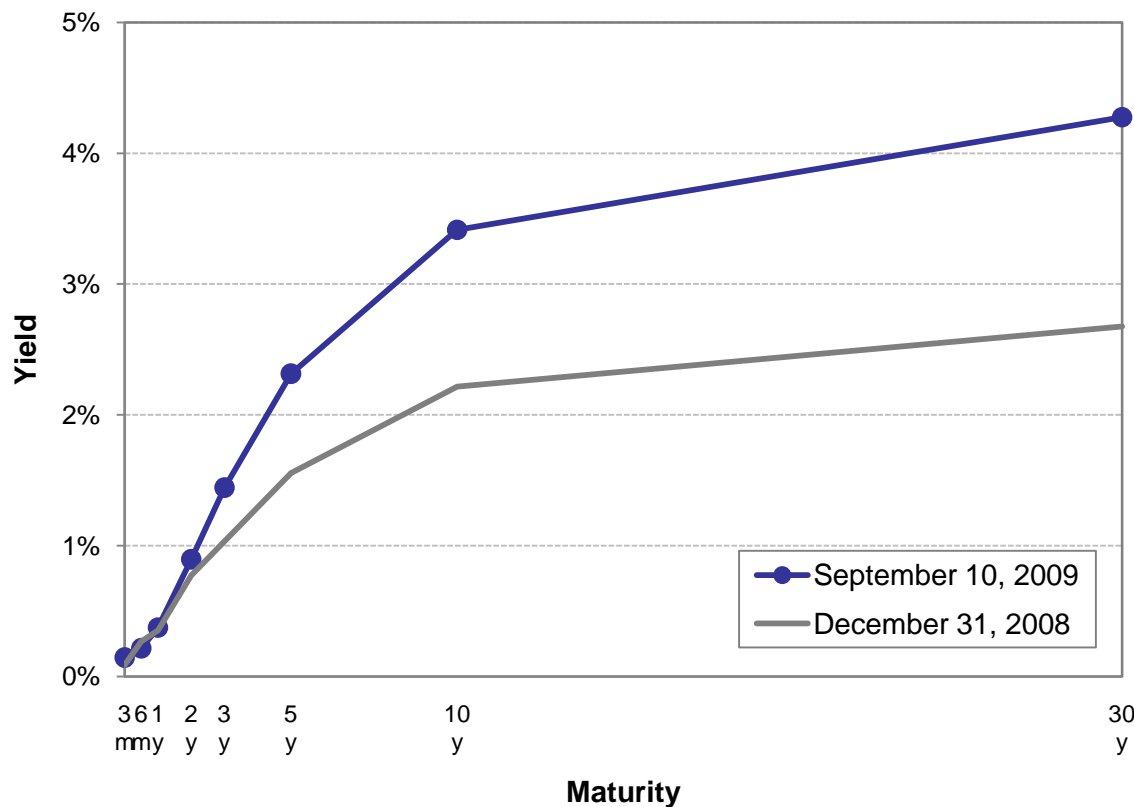
Source: Bloomberg

# Yield Curve Steepens



- After a “flight-to-quality” in the 4<sup>th</sup> quarter, U.S. Treasury yields have increased sharply.
- Short-term rates, which are generally tied to the Federal Funds target rate, remain near record lows.

**U.S. Treasury Yield Curve**  
December 31, 2008 versus September 10, 2009



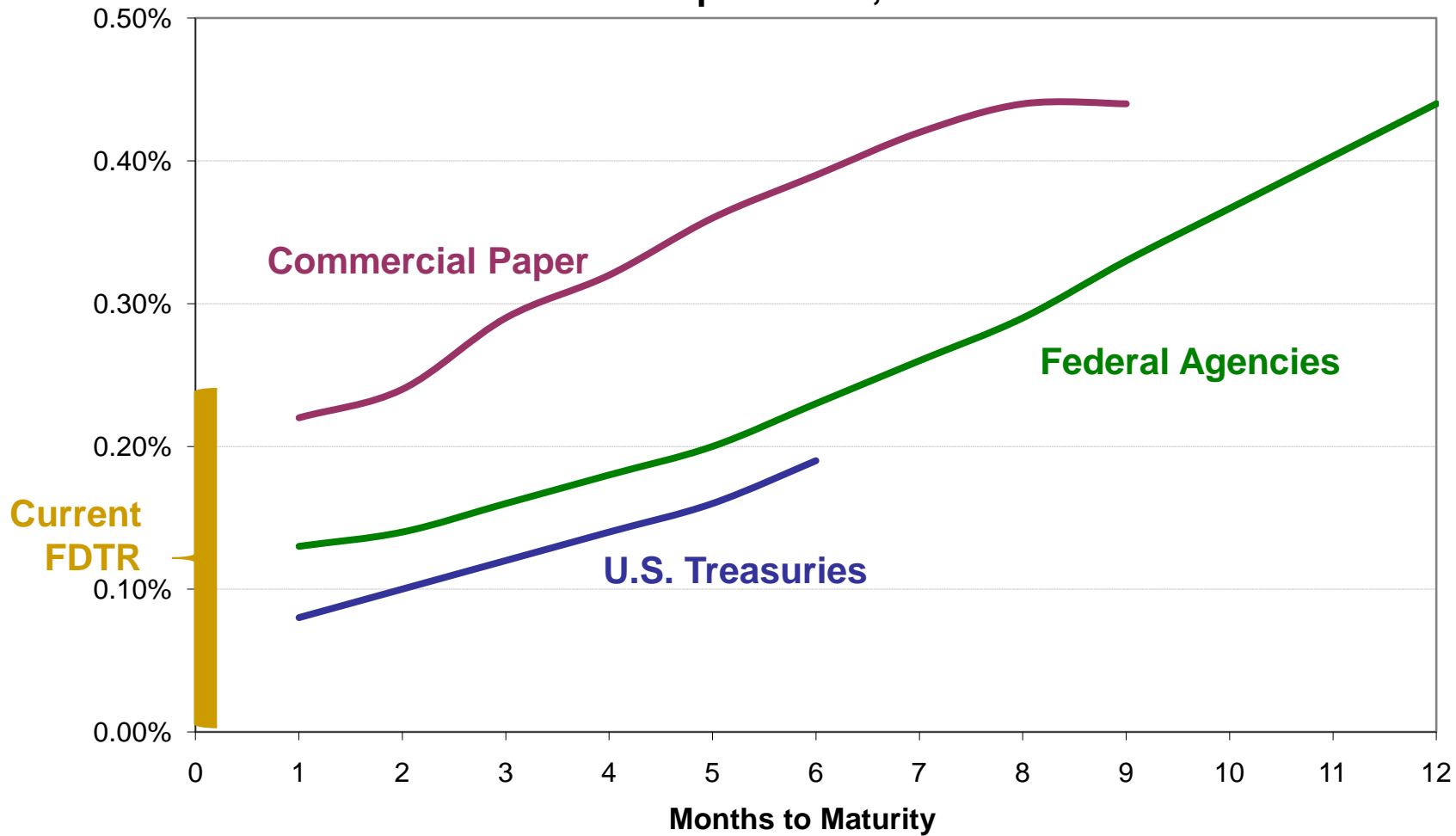
|                | <u>12/31/08</u> | <u>9/10/09</u> | <u>Change</u> |
|----------------|-----------------|----------------|---------------|
| <b>3 month</b> | 0.08%           | 0.15%          | + 0.06%       |
| <b>6 month</b> | 0.26%           | 0.22%          | - 0.05%       |
| <b>1 year</b>  | 0.34%           | 0.37%          | + 0.02%       |
| <b>2 year</b>  | 0.77%           | 0.90%          | + 0.12%       |
| <b>3 year</b>  | 0.97%           | 1.44%          | + 0.47%       |
| <b>5 year</b>  | 1.55%           | 2.32%          | + 0.76%       |
| <b>10 year</b> | 2.20%           | 3.41%          | + 1.20%       |
| <b>30 year</b> | 2.66%           | 4.28%          | + 1.60%       |

Source: Bloomberg

# Current Interest Rate Environment



## Short-Term Interest Rates September 9, 2009

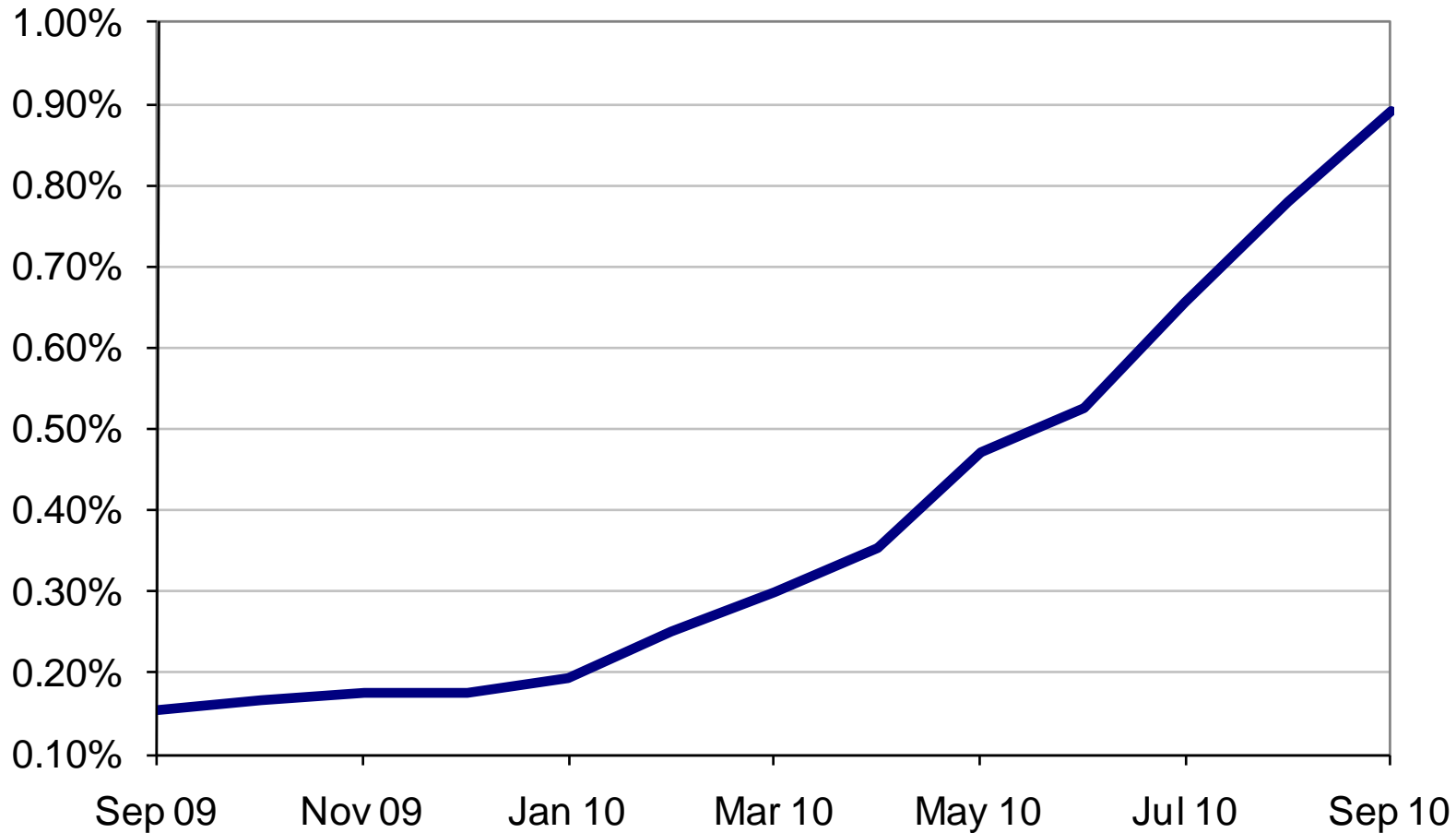


Source: Bloomberg

# Short Term Rates are Expected to Remain Low



**Federal Funds Futures  
September 10, 2009**



Source: Bloomberg

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