



The Great Recession is Over

But Our Great Expectations Have Become Modest

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39 General Partners

4,000 Employees 1

14 Global Offices

10 Limited Partners

49 Managing Directors

Wealth Management & Trust Services \$45 Billion Total Assets Under Management

Banking & AdvisoryCredit and M&A Advisory Services

Investor Services & Markets \$2.0 Trillion Total Assets in Custody

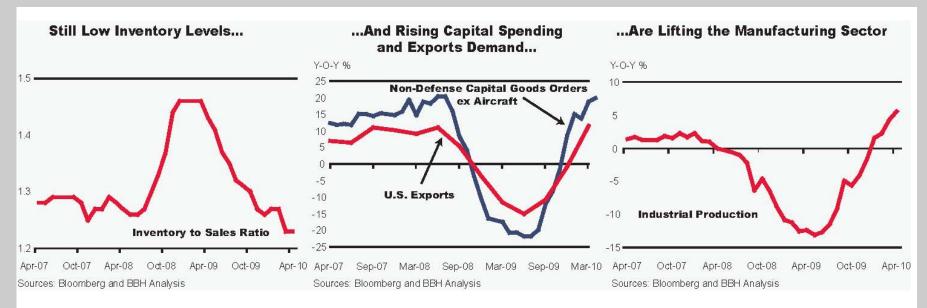
Overview, Agenda and Goals



- The Recovery Has Moderated Considerably; Why?
- The Wake of the Recession Is Persistent; Why?
- Perhaps This Recession Was Different; Why?
- Recovery Faces Three Mighty Headwinds; What Are They?
- What Levers Has the Government Pulled?
- What on Earth is Quantitative Easing?
- Deflation or Inflation; What's it Going to Be?
- A Common Theme: <u>Uncertainty</u>

What Drove GDP in Q4-09 & Q1-10?

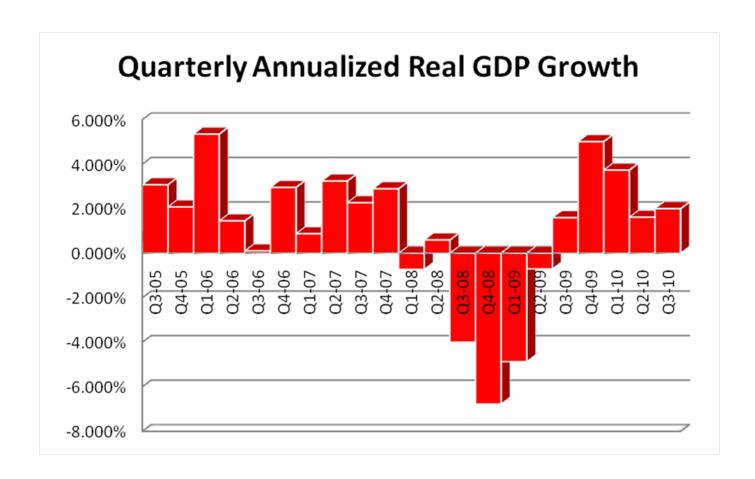




- NBER, "The recession that began in December of 2007 ended in June of 2009."
- Three Facets to the Recovery
- There Are Some Sources of Strength
- Institute for Supply Management Index Consistently Strong
- But, Does the Recovery Have Legs?

The Recovery Has Lost Momentum





A Recession is a Recession...Or Is It?



P&L Recession

- More common
- Shock to system or monetary policy causes
- Inventory builds up; production cut back; layoffs commence
- Leads to recession
- Conventional policy tools
- Inventory normalizes; hiring picks up; production increases
- Growth resumes

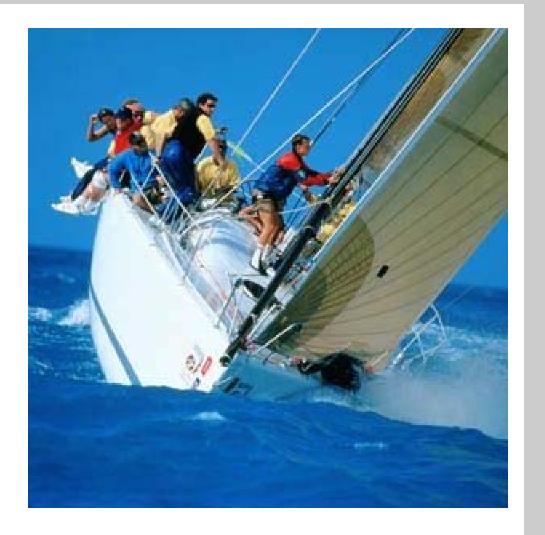
Balance Sheet Recession

- Less Common
- Excessive debt and leverage
- Sudden reduction in asset values
- Conventional policy tools incomplete
- Toxicity works its way through the system
- Bad capital needs to be bled out
- Fixed assets harder to monetize

Headwind Number One - Consumers *We Have Met the Enemy, and He is Us*

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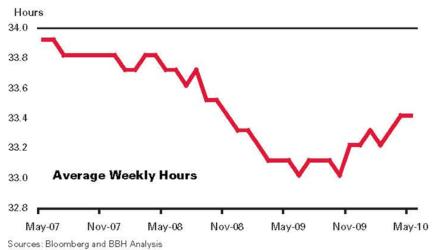
- Where are we?
 - Growth has stalled
 - This recession may be different than recessions past
- A jobless recovery...so far
- Labor markets are making consumers nervous
- What money they have is being "redirected"

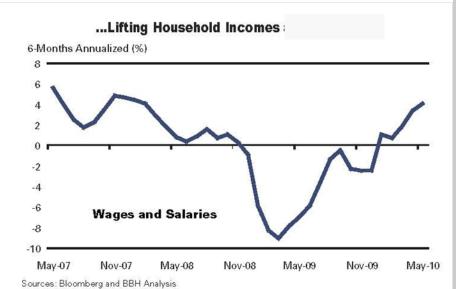


Employment Growth is Tepid...



Employment Dynamics Improving With Rising Hours Worked...



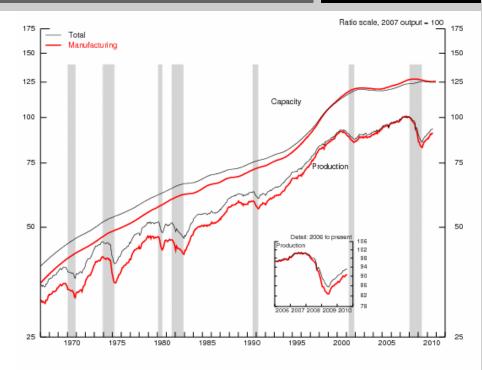


- Eight million jobs lost in this recession, workers also saw a reduction in hours, more so than in previous recessions
- First trigger employers pull is existing workers who had hours reduced

...And There is Still Excess Capacity...



- Little incentive to begin hiring
- Two sides to the labor equation
 - Inputs (new hires)
 - Outputs (more productivity)
- Productivity has risen
- Ample capacity
- Why hire now?

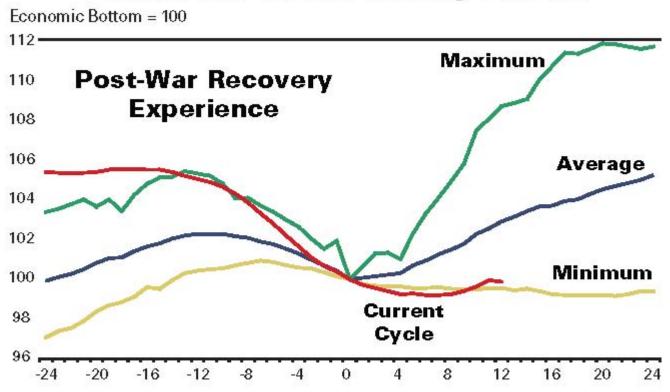




...So Job Growth will Remain Anemic...



Anemic Job Growth a Rising Concern

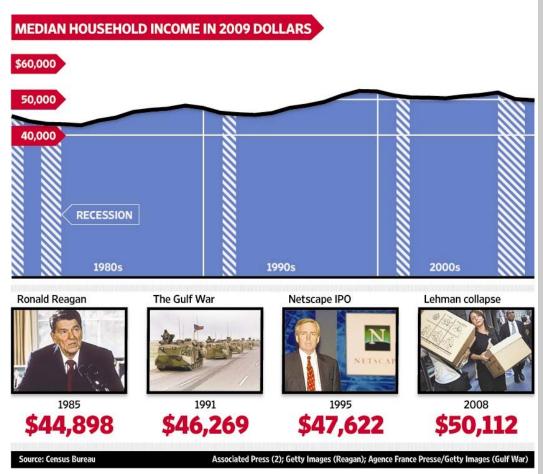


Sources: Bureau of Labor Statistics and BBH Analysis

...And Wages Will Remain Stagnant



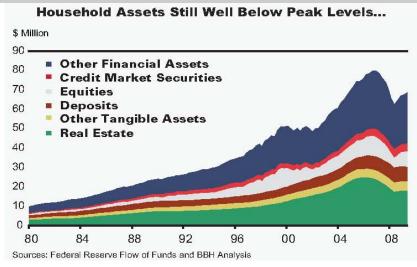
- "Lost Decade for Family Income"
 - WSJ, 17 September 2010
 - Median household income fell
 4.8% between 2000 and 2009
 - Rose 1.9% in 1970s
- Consumers not feeling well off
- Wages
- Asset values
- What are they doing with their dough?

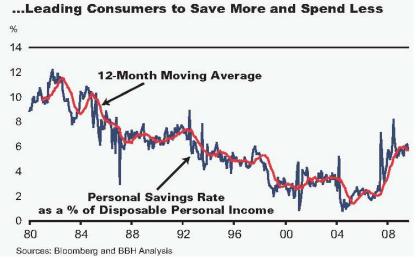


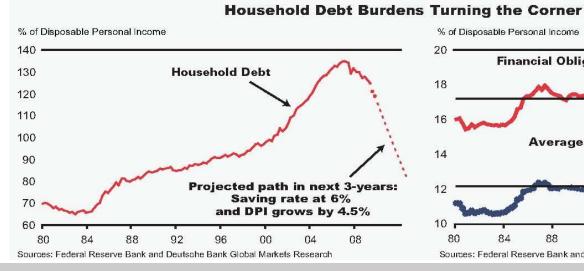
Source: WSJ, 17 September 2010, p. A1

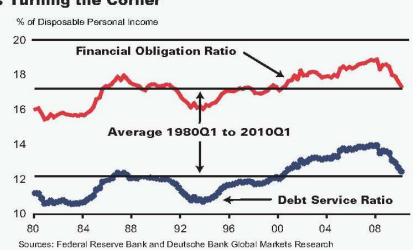
Consumers Have Repaired Finances...





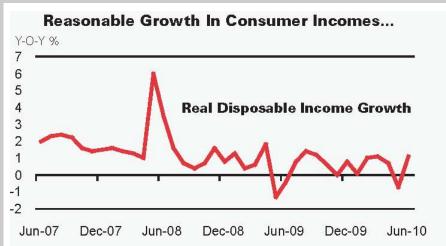


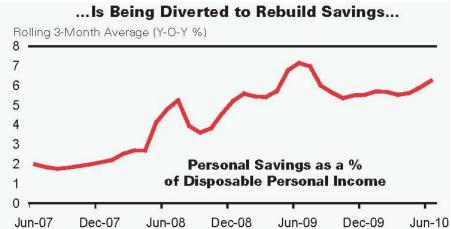


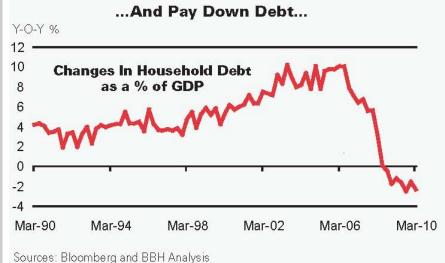


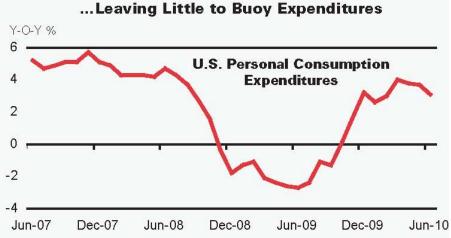
...And Changed Habits



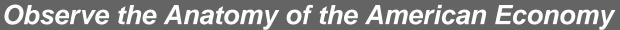




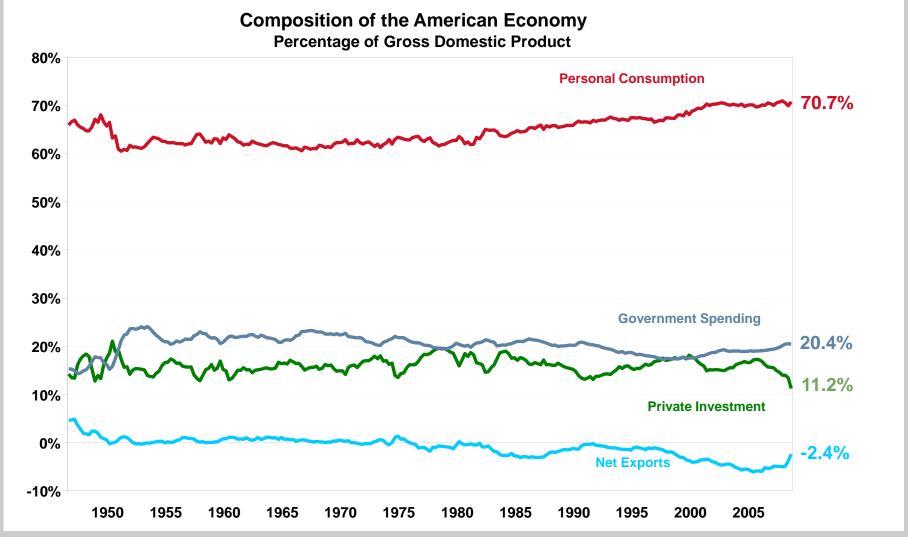




Why Does this Matter?







Headwind Number Two —Real Estate The Epicenter of the Great Recession

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- Ground Zero for the Great Recession was (is?) the residential real estate market
- Do prices have further to fall?
- Consumers cautious
- Refinancing difficult
- Results in yet more downward pressure
- Vicious Cycle



Housing Markets Have Dipped Anew...

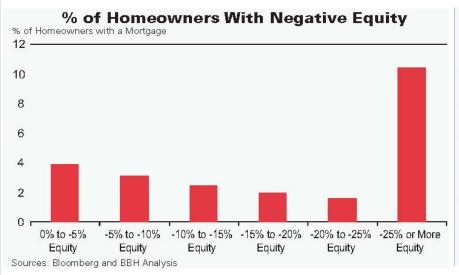


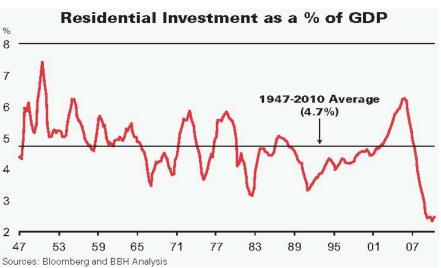


- Worker, Homeownership, and Business Assistance Act of 2009
- Tax Credit Expired in April of 2010
- Downward Pressure on Real Estate Activity

...And Borrowers Are Still Underwater...



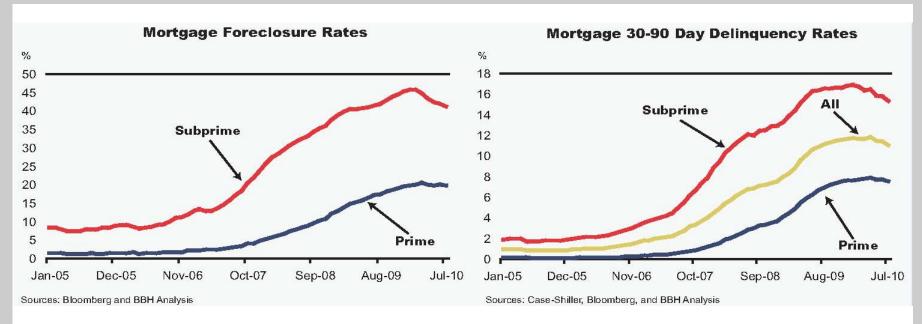




- Many households have zero or negative equity
- This provides incentive to default
- Puts further downward pressure on real estate markets
- Left with historically low level of residential real estate investment as a percentage of GDP

...Leading to More Delinquencies...



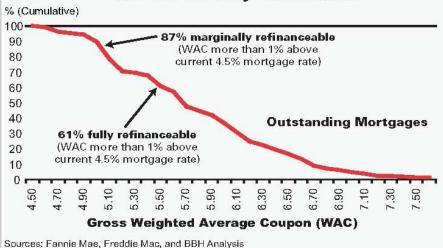


- Default rate among Prime mortgage holders historically high
- Delinquency rates are leveling off
- Defaults and delinquencies still historically high

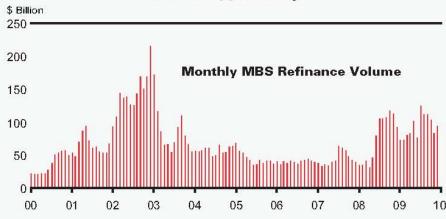
...And Unattractive Refinancing Options







...But Relatively Few Are Taking Advantage of the Opportunity



Sources: Frannie Mae, Freddie Mac, and BBH Analysis

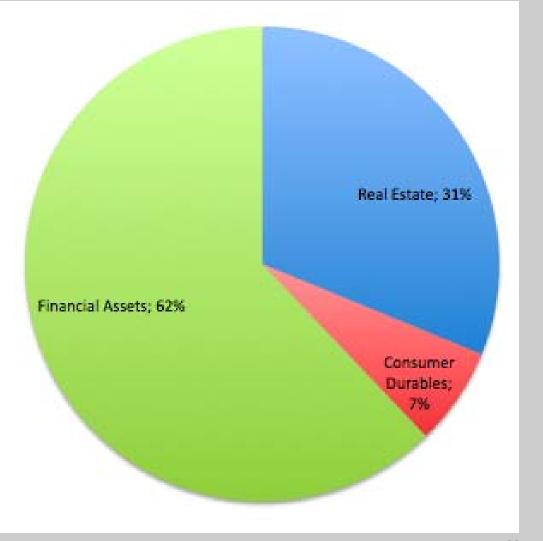
- Historically low interest rates
- Why haven't borrowers refinanced?
- Mark Twain on bankers...

Why Does This Matter?

Observe the Composition of Household Wealth



- Largest single asset most Americans own
- Housing wealth leads to greater spending
- We're back to the consumer again



Headwind Number Three – Bankers The Second Epicenter of the Great Recession

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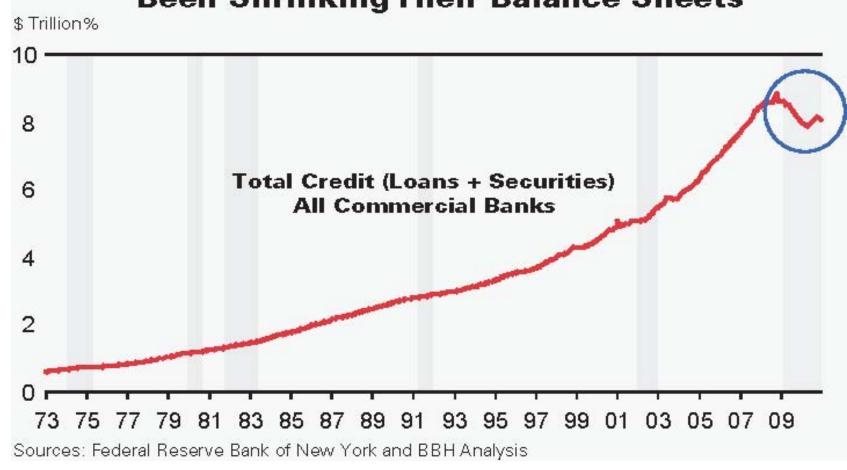
- Housing market crashed
- We allowed the amount of leverage
- Bankers feel chagrined
- Credit lubricates the wheels of commerce
- Crimp in both demand and supply



Banks Are Not Growing...



Banks Have Uncharacteristically Been Shrinking Their Balance Sheets



...And Are More Conservative



- Bankers feel chagrined by bad loans
- War room mentality dies hard
- Uncertainty abounds
- Same mentality as the consumer
- What are the bankers doing with their dough?
- Opting for a more conservative structure

U.S. Bank Holding Companies Capital Ratios

	12/31/2007	6/30/2010
Bank	Tier 1 Common Capital Ratio*	Tier 1 Common Capital Ratio*
Bank of America Corp.	4.9%	8.0%
JPMorgan Chase & Co.	7.0%	9.6%
Citigroup Inc.	4.9%	9.9%
Wells Fargo & Co.	6.5%	7.5%
Goldman Sachs**	NA	12.5%
Morgan Stanley**	NA	9.4%
U.S. Bancorp	5.6%	7.4%
PNC Fin Svcs Grp, Inc.	5.4%	8.3%
SunTrust Banks, Inc.	5.3%	7.9%
Capital One Financial Corp.	8.8%	7.0%
BB&T Corporation	7.2%	8.9%
American Express Co.**	NA	10.7%
Regions Financial Corp.	6.6%	7.7%
Fifth Third Bancorp	5.7%	7.2%
KeyCorp	5.7%	8.1%
M&T Bank Corporation	5.6%	6.2%
Comerica Inc.	6.8%	9.8%
Zions Bancorporation	6.1%	7.9%
Average	5.8%	8.9%

^{*} Tier 1 Common Capital Ratio is common equity less intangibles as a percentage of risk-weighted assets

Sources: Federal Reserve and BBH Analysis

^{**} Goldman Sachs and Morgan Stanley were not bank holding companies until September 2008, and therefore did not report Tier 1 Ratios in 2007.

Fiscal and Monetary Response So Far Does the US Government Have Any Dry Powder Left?



- Let's assess where we are
- We've spent a bunch of money
- We've printed a bunch of money
- Using the playbook so far



Lessons from Our Past

The Past Informs Present Policy Decisions



- Chairman Bernanke's Speech from 2002
 - Prescient
 - Federal Reserve Bank Playbook
- Okay, in English Please?
- Five Steps
 - Reduce Short Term Rates to 0%: DONE
 - Provide Low Cost Loans to Banks: DONE
 - Loosen Collateral Standards for Loans: DONE
 - Expand Banking System Reserves: DONE
 - Target Low Interest Rates for Longer Term Debt Securities: In Progress
- Second Round of Quantitative Easing

Quantitative Easing...for Laymen





Main St. Bank



Reserves



Customer Deposits and Loans

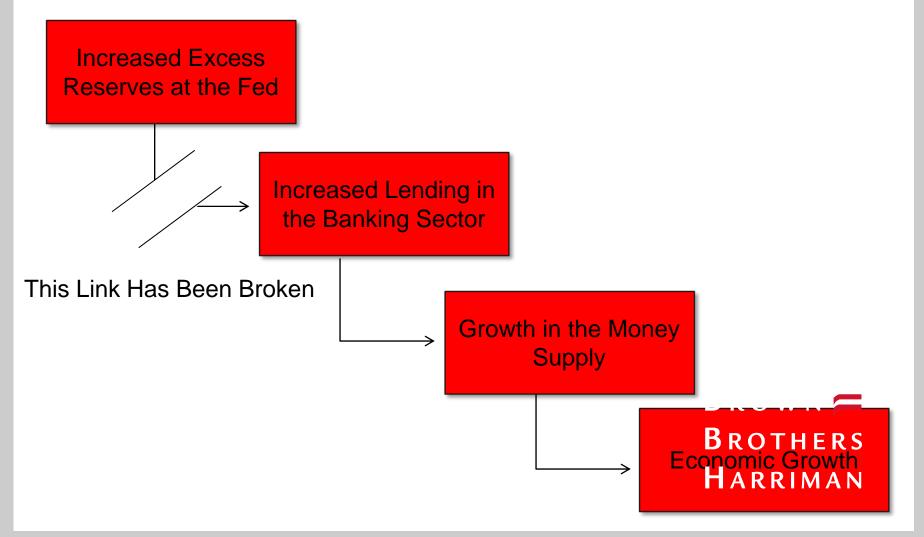


Treasury Securities



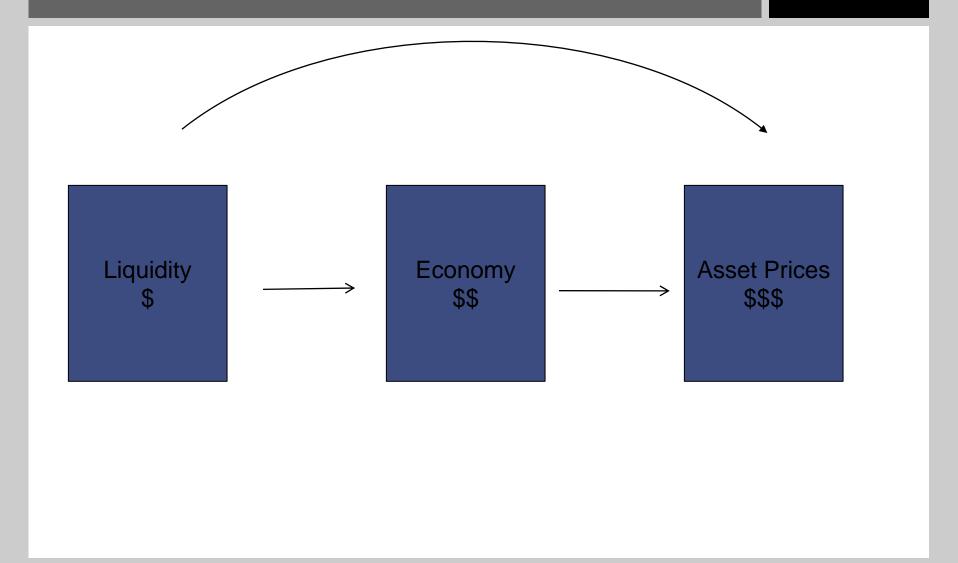
Expectations Driving Monetary Policy





But, Asset Prices are Going Higher!





Conclusions, Forecast, Questions



- Recovery underway
- Not a double dip, but...
- Not robust, seems to have stalled
- Issues remain
 - Excess capacity in work force
 - Job growth anemic
 - Consumer spending tepid
 - Residential real estate struggling
 - Damn bankers

- GDP growth middling, 2.0% 2.5% for several quarters
- No rate hike until late 2011
- Inflation a long term concern
- Short term "escape velocity" is more important
- Less uncertainty now than this summer
- US will return to long run steady state...eventually



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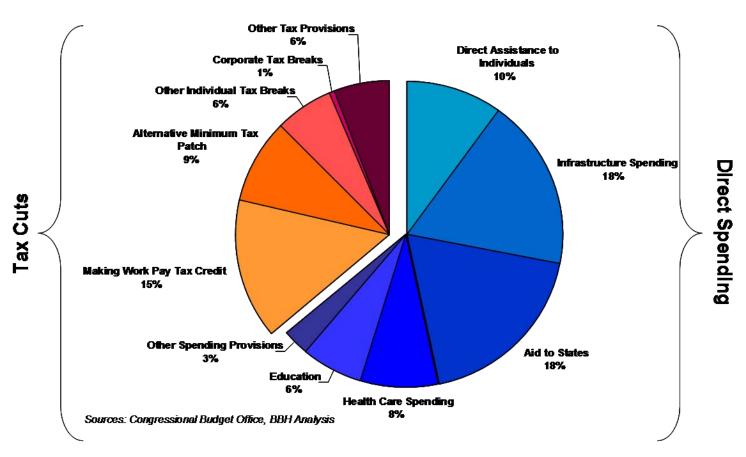
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The Government Response: Fiscal Uncle Sam Spent Us Out of the Depths



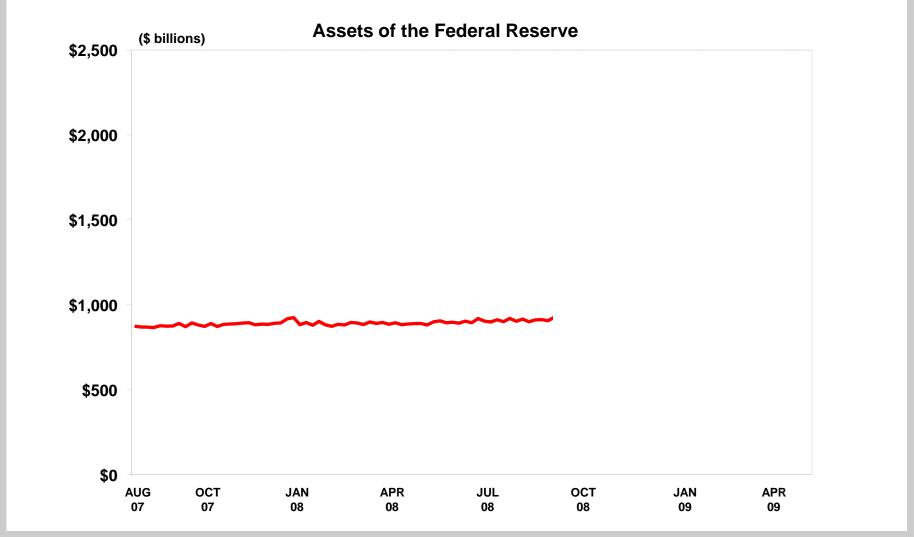
American Recovery and Reinvestment Act of 2009

Breakdown of \$786 billion net spending



The Government Response: Monetary A Bloated Balance Sheet at the Fed





Deflation or Inflation What's It Going to Be?



INFLATIONARY PRESSURES

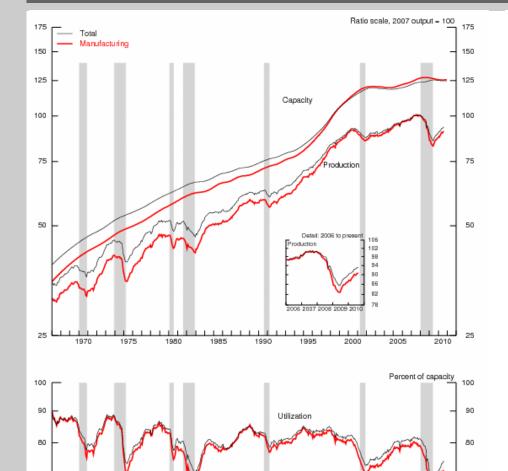
- Three Varieties of Inflation
 - Demand Pull Inflation
 - Wage-Price Inflation
 - Monetary Inflation
- Let's Asses Each One:
 - Are consumers spending money?
 - Are workers earning more money?
 - Is there more money in the system?
- US policy makers not as hawkish on inflation as European brethren

DEFLATIONARY PRESSURES

- Aging Population + Decimated Personal Balance Sheets + Increasing Savings Rates + "Deleveraging" + Hidden Asset Quality Problems at Banks + Perpetually Low Interest Rates = ?
- Sound Familiar?
 - Japan's lost decade
 - Similarities abound
- Policy makers more concerned about deflation at this stage in the recovery

Recent Trends are Deflationary





70

1975

1980

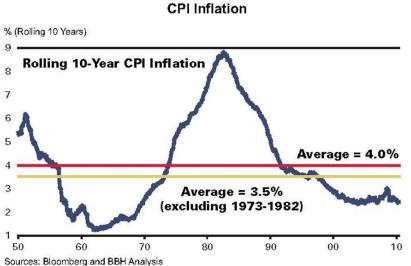
1985

1990

2000

2005

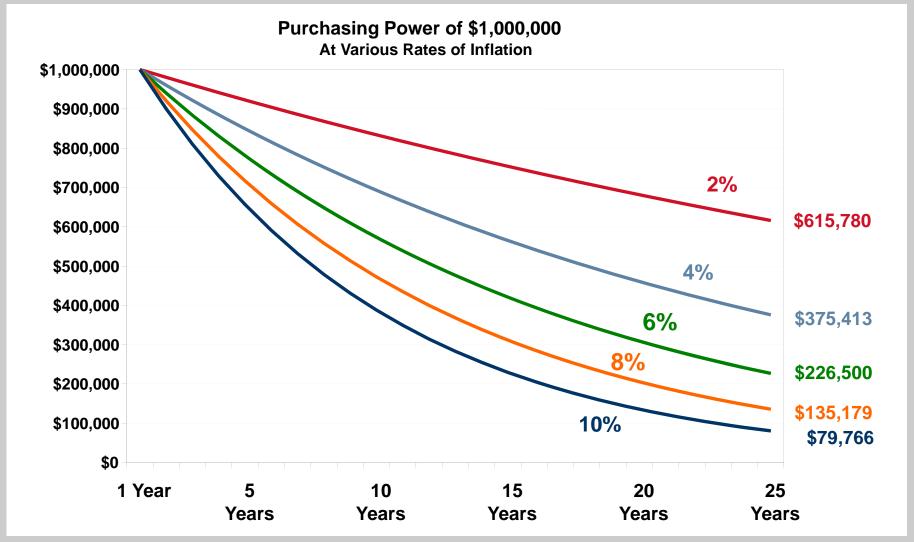
2010



- Data does not point to inflation concern nor rate hike
- Full employment must return first
- Rate hike unlikely for balance of 2010 and much of 2011
- What else can they do?

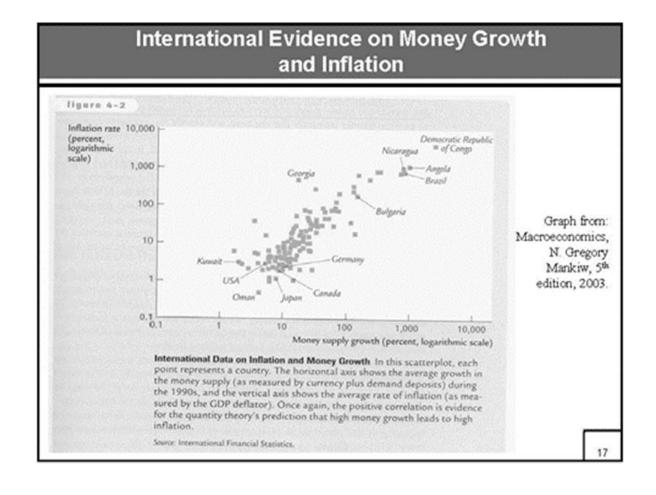
The Threat of Inflation A Silent Thief of Value





Correlation: Money Supply and Inflation



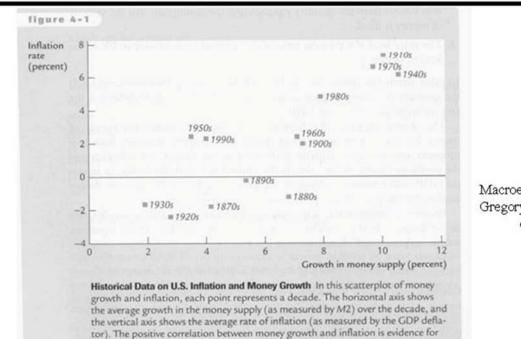


Money Supply and Inflation

Federal Reserve Board.



Money Growth and Inflation in the U.S. by Decade Since 1870



the quantity theory's prediction that high money growth leads to high inflation.

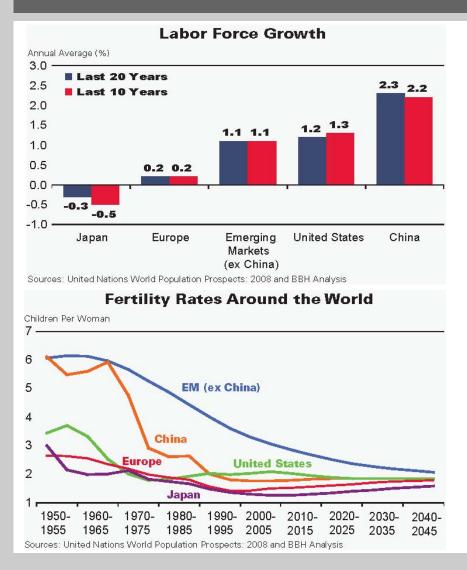
Source: For the data through the 1960s: Milton Friedman and Anna J. Schwartz, Monetary Trends in the United States and the United Kingdom: Their Relation to Income, Prices, and Interest Rates, 1867–1975 (Chicago: University of Chicago Press, 1982). For recent data: U.S. Department of Commerce,

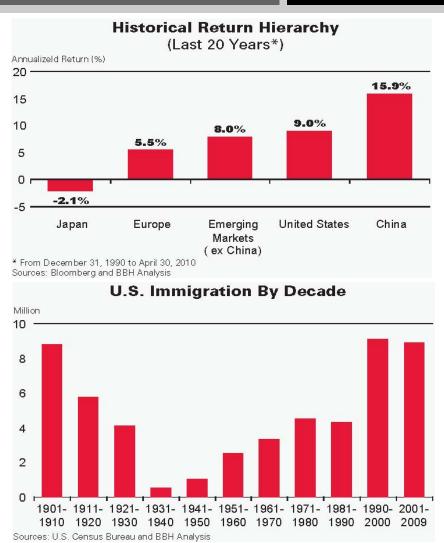
Graph from: Macroeconomics, N. Gregory Mankiw, 5th edition, 2003.

16

US Still Has a Growing Labor Force

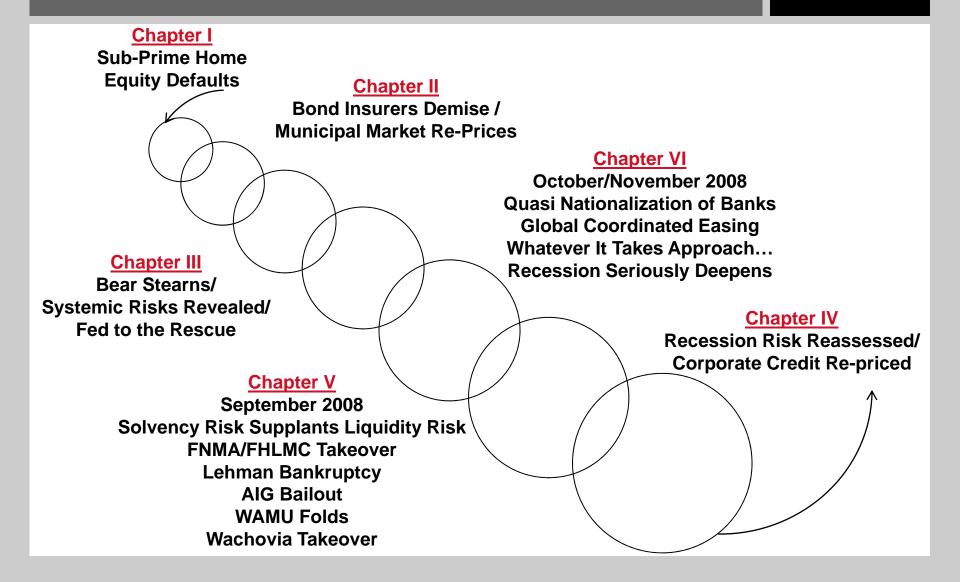






A Crisis in Six Acts...





The Great "De-Leveraging" Saga

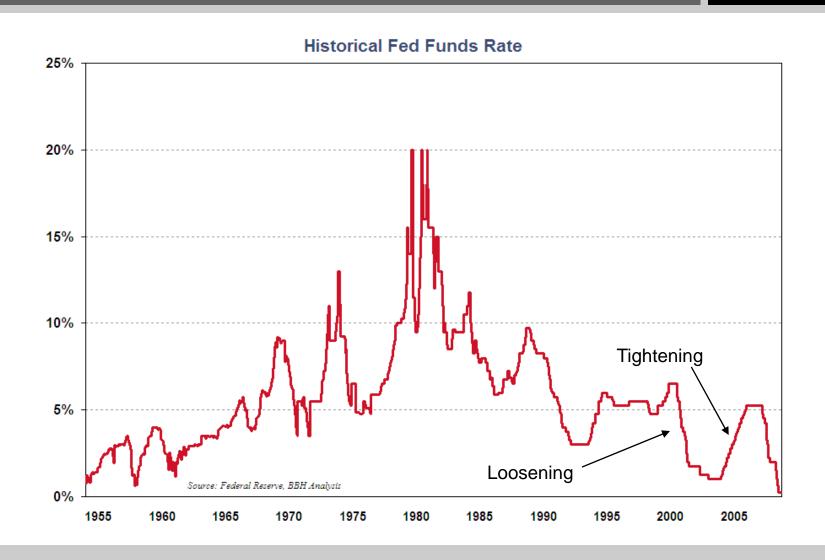


- Societal Addiction To Debt
- We Went Cold Turkey
- Five Legs Of US "Debt Table" Were Kicked Out From Underneath Us
 - Destruction Of Bank Capital
 - Loss Of Faith In The Creditworthiness Of Financial Institutions
 - Downsizing Of Securitization
 - Destruction Of The Money Market Industry
 - Shrinking Of Hedge Fund Commitments

How On Earth Did We Get Here?

The Role of Monetary Policy

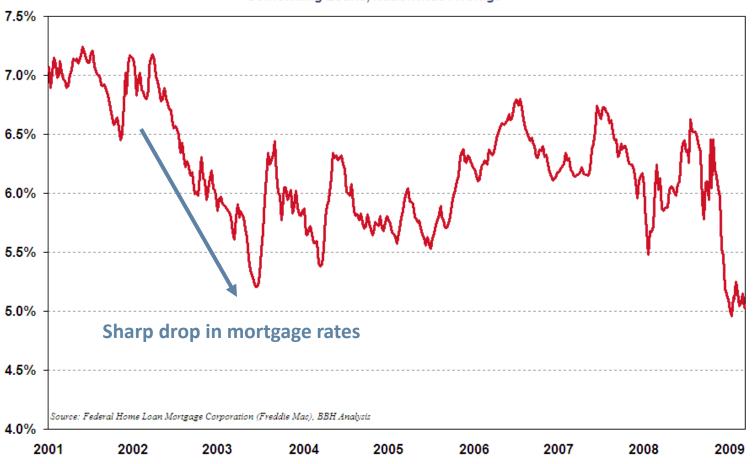




Mortgage Rates Remained Stubbornly Low Chairman Greenspan's "Conundrum"

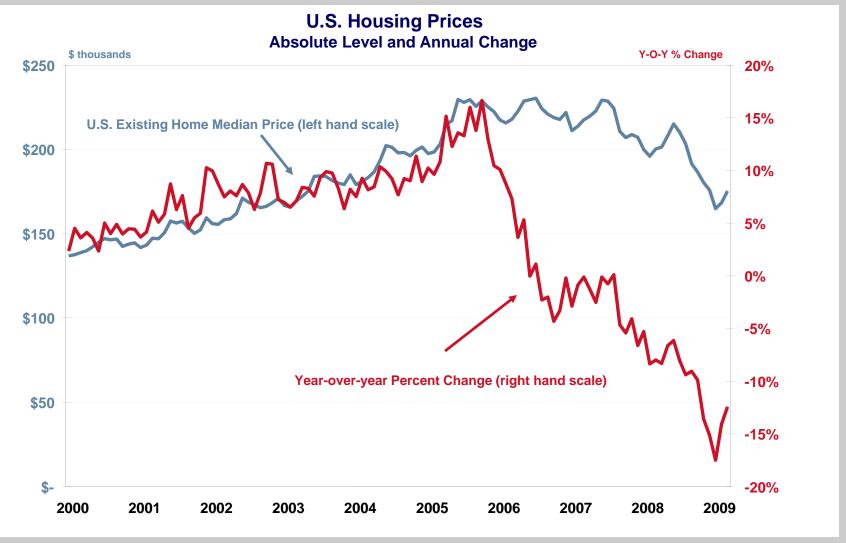






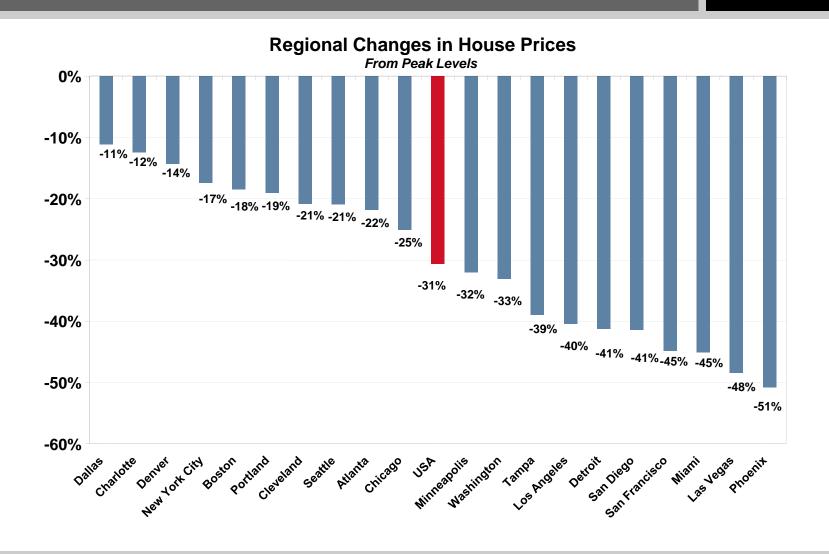
Housing Market: Too Much of a Good Thing Stein's Law Stupid!





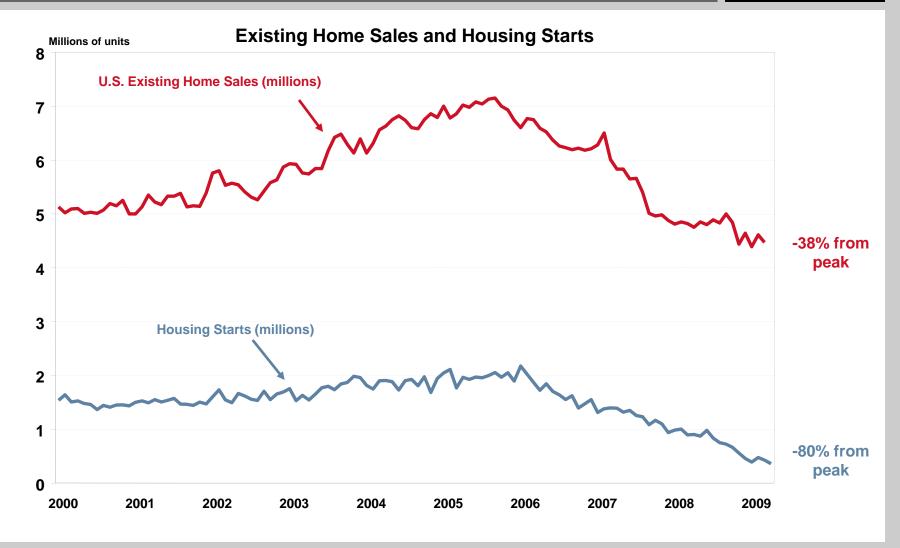
Housing Trends From Bad To Worse





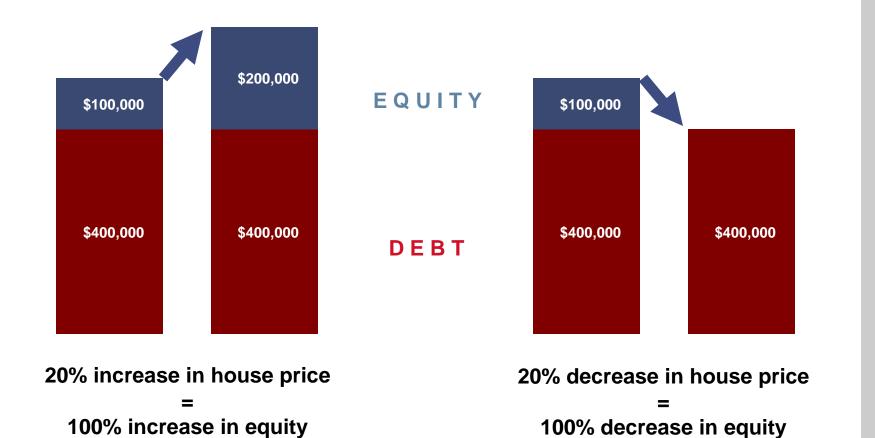
Want the Bad News or the Bad News?





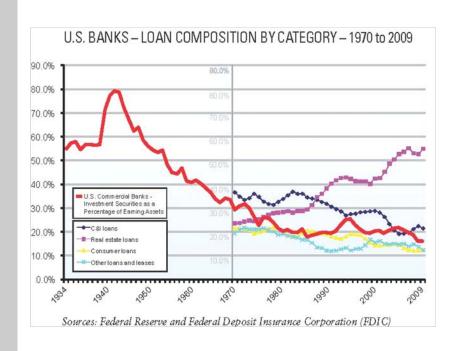
The Impact of Leverage An Example from the Housing Market

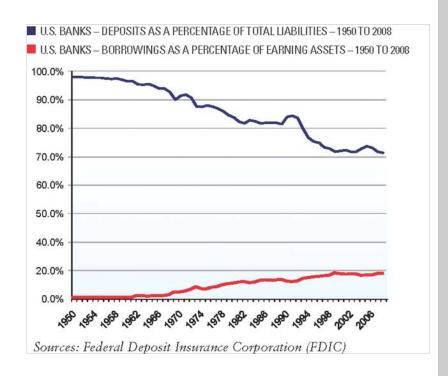




Look at Both Sides of the Ledger Warning Signs

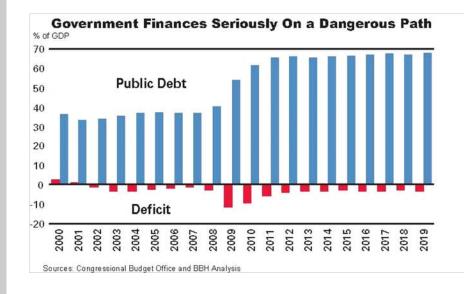


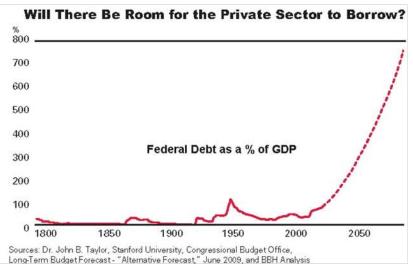




Government Finances *On a Dangerous Path – Headwind Number Four?*

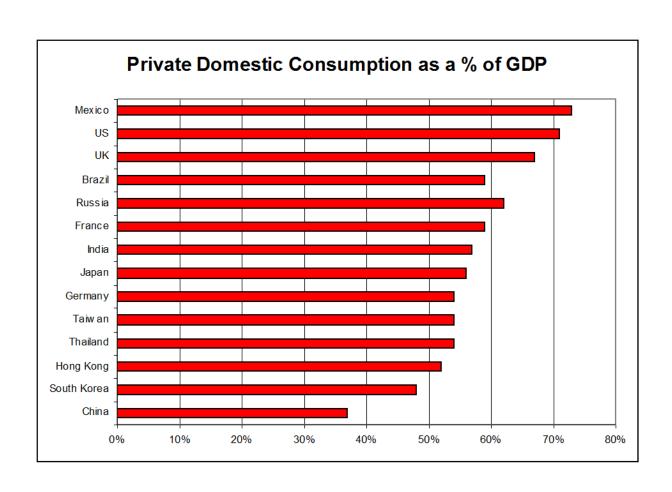






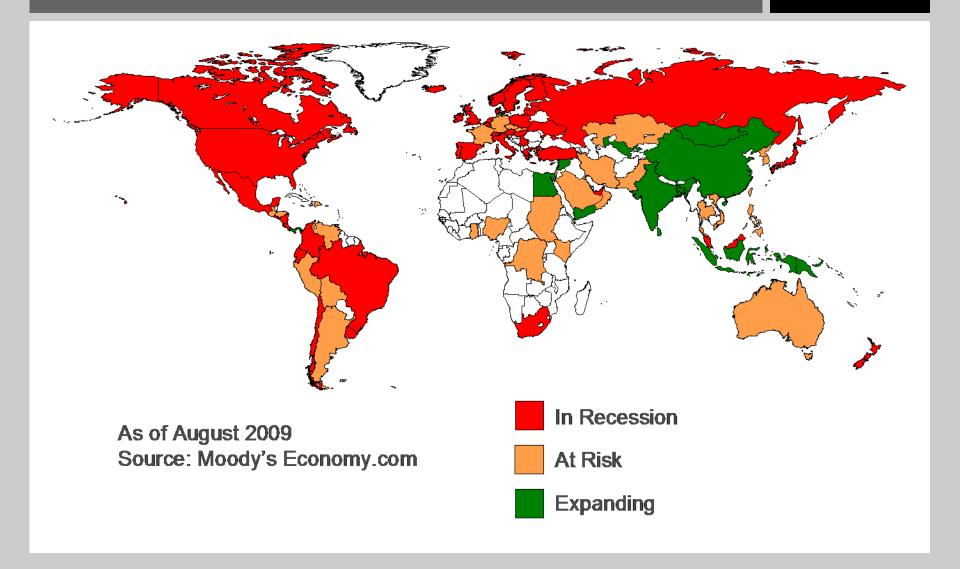
A "Jobless Recovery" Will Hurt...





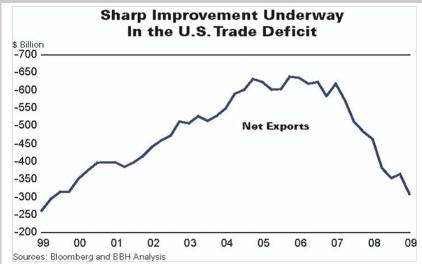
...Some More than Others





The Opposite of Greenspan's Conundrum









Inflation: Our Most Pressing Long Term Concern



Key Linkages Driving Inflation Expectations

Massive US Treasury Issuance Slowing Treasury Purchases by Foreign Central Banks

Domestic Investors Must Absorb New Issuance

More Monetization Ahead?

Fed Becomes Marginal Buyer to Keep Down Interest Rates

Uncertainty of Private Sector Demand

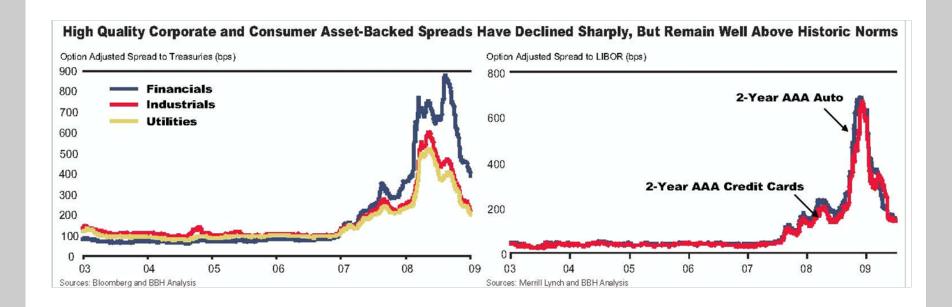
Implications for Business Managers It's a "Brave New World," Assess Bank Risk



- Quality of Management
 - As Warren Buffett Said...
 - Beware Aggressive Growth Targets
- Strong Deposit Franchise Affects a Bank's Cost of Money
- Look at High Return on ASSETS
 - ROE Can Be Manipulated
 - The Best Operations Achieve 2%
- Earnings Power
 - Pre-Tax, Pre-Provision Return on the Loan Book
 - 4% is a Good Number
- Simplicity of Business Model Remember Enron?
- Strong Capital Base
 - Remember When there were Investment Banks?
 - How Hard Are They Working Their Capital?

The Threat of Inflation A Higher Cost of Money

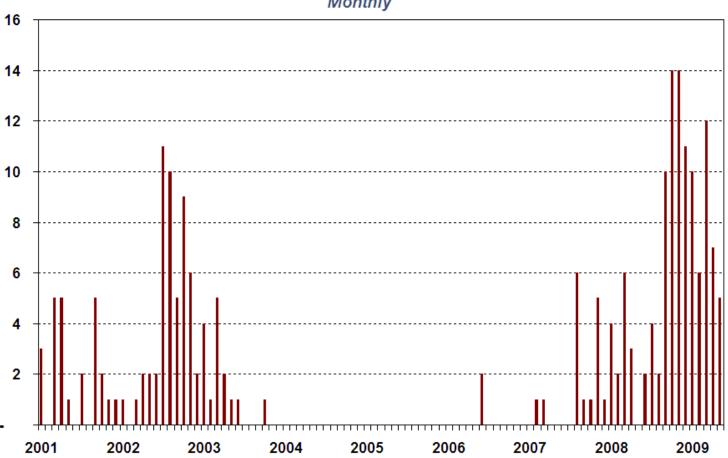




Increased Market Volatility







BBH Equity Portfolios

Sample Holdings







Good Food, Good Life









FOR THE ONES WHO GET IT DONE





U NOVARTIS





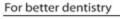
































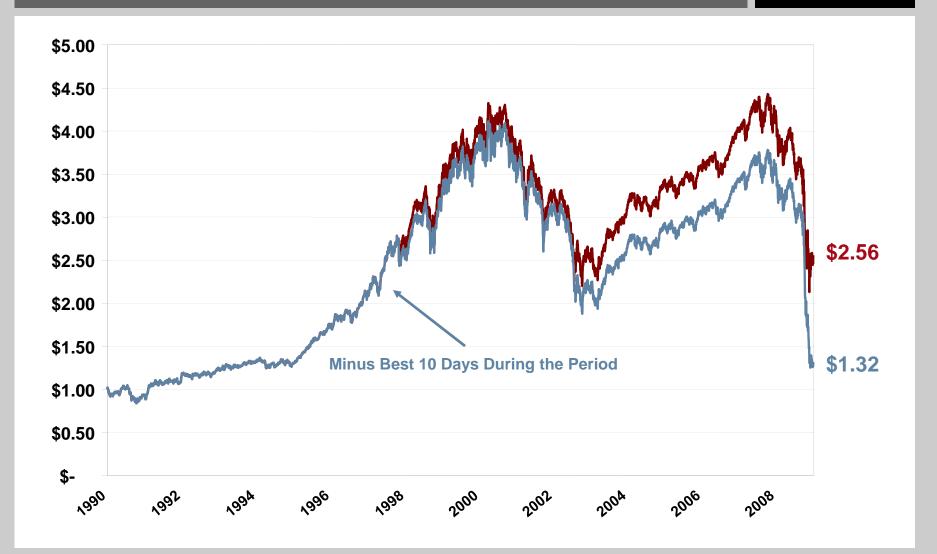






The Risk of Market Timing Nominal Value of \$1 Invested from 1990-2008







The Shape of the US Economic Recovery

Navigating Today's Economic Environment

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