#### STATE OF ARIZONA

#### Joint Legislative Budget Committee

STATE SENATE

RUSSELL K. PEARCE CHAIRMAN 2010 PAULA ABOUD AMANDA AGUIRRE CHUCK GRAY JACK HARPER STEVE PIERCE REBECCA RIOS JIM WARING 1716 WEST ADAMS PHOENIX, ARIZONA 85007

> PHONE (602) 926-5491 FAX (602) 926-5416

http://www.azleg.gov/jlbc.htm

HOUSE OF REPRESENTATIVES

JOHN KAVANAGH
CHAIRMAN 2009
ANDY BIGGS
OLIVIA CAJERO BEDFORD
CLOVES C. CAMPBELL, JR.
MATT HEINZ
JOHN MCCOMISH
RICK MURPHY
VIC WILLIAMS

#### FINANCE ADVISORY COMMITTEE January 13, 2009 Senate Hearing Room 1 – 9:30 a.m.

#### Members Present:

Dan Anderson, Arizona Board of Regents
Dr. Jay Butler, Morrison School, ASU Polytechnic
Brian Cary, Salt River Project
Tracy L. Clark, Arizona Department of Transportation
Dennis Doby, Arizona Department of Commerce
John Lucking, ECON-LINC
Dean Martin, State Treasurer
Georganna Meyer, Arizona Department of Revenue
Elliott Pollack, Elliott D. Pollack and Company
Debra Roubik, VisionEcon
Martin Shultz, Pinnacle West Capital Corporation
Randie Stein, Stone & Youngberg
Marshall Vest, Eller College of Management

Mr. Richard Stavneak, Director, JLBC Staff, opened the meeting at 9:54 a.m. and welcomed everyone to the Finance Advisory Committee (FAC) meeting. The panel meets 3 times a year to discuss the economy and to provide the Legislature with guidance on state revenue projections. Mr. Stavneak stated that materials being presented are also on the JLBC website.

Mr. Stavneak, Mr. Eric Jorgensen, Mr. Hans Olofsson, and Mr. Martin Lorenzo, gave the JLBC Staff presentation with an overview of state revenues. (Click here to view.)

In response to a question from Representative Barnes, Mr. Stavneak gave an overview of how the forecasts are made.

Mr. Elliott Pollack, Elliott D. Pollack & Company, gave a slide presentation on the national economy. (Click here to view.)

Senator Leff asked what the rationale is for banks not giving prime loans or non-risk loans to people. Mr. Pollack responded that the banks are more concerned with surviving than they are with making loans. They want to build up their capital because they are afraid they are going to have massive losses in commercial real estate and credit cards, and they need capital to write those losses off. The banks are not as concerned with making money, they are more concerned with not losing money.

(Continued)

Mr. Pollack had a slide that stated that of the homes purchased over the past 5 years, an average of 41.8% have negative equity. An audience member stated that seemed high. He asked what that figure would have been 3-5 years ago. Mr. Pollack responded he did not have the exact figure, but his guess would be that 5 years ago the number would be 0.

Mr. Stavneak asked Mr. Pollack what signs he would look for to indicate the economy is turning around. Mr. Pollack stated he would look at employment, hours worked, and excess supply of houses.

Mr. Marshall Vest, Eller College of Management, University of Arizona, gave a slide presentation on the state economy. (Click here to view).

In response to a question from the audience, Mr. Vest explained how layoffs are determined in the unemployment percentage. Mr. Dennis Doby, Department of Commerce, added that there is a quota sample that is representative of small, large, and big businesses. The model tries to take layoffs into account. An individual firm may not show up, but the overall model tries to capture, on a representative basis, losses in small, medium and large firms. Layoffs eventually show up when benchmarking is done the next year.

A member of the audience asked if it is recommended that the state accept a Federal stimulus package. Mr. Stavneak stated that the members would need to find out first the dollar amount. Secondly, they would need to evaluate what strings are attached. He noted that it is difficult to make the determination ahead of time until we know what the dollar level is and what strings are attached.

In response to a question from the audience regarding population decline, Mr. Vest stated that population growth slows down during a recession partly because people can not sell their homes back home, and because they are generally more cautious. Population is still growing, but not as rapidly. Migration in Arizona is still positive.

An audience member asked if Mr. Pollack agreed with the Federal Government bailout. Mr. Pollack stated that Mr. Bernanke, the Federal Reserve Chairman, is the most knowledgeable person about the depression alive. Mr. Bernanke has vowed to make sure a depression does not happen again, so he is adding liquidity to the system. This is about adding bank capital to keep the banking system afloat, because the economy floats on a sea of credit and if the banking system can not provide credit, the system will fail. So this is a short term fix in order to have a long term banking system that is viable. Mr. Pollack believes that Mr. Bernanke did what he had to do to keep the banking system afloat in order to provide capital. In Mr. Pollack's opinion, we would be in a lot worse shape if he had not done this.

Mr. Vest added that the Federal Government has tried to identify those markets that have systemic risks. The Feds started with the idea of pumping a lot of money into the largest banks, including short term loans which are paid back with interest, and by buying assets on the books of the banks. Mr. Vest noted that this is not a giveaway, but is really an investment by the Federal Government. He said that when there is a total breakdown in the private sector, the Fed sees its role as a lender of last resort, and they have attempted to provide the capital that is necessary to keep things going.

A member from the audience asked a question regarding what is happening on the taxation front. Mr. Pollack stated that on a Federal level it is pretty clear that the President-elect has moved from tax increases to tax cuts, especially for the middle class and below. It is his expectation that any tax increases will be put on the back burner for quite some time and that the bailout and further actions will be financed through deficit spending, because when push comes to shove, we could sell U.S. Treasury Bills. The Bush tax cuts will expire in 2010. Unless something is done, taxes will go up. A lot of what happens depends on the advice President-elect Barack Obama gets. Mr. Pollack stated that he is impressed with

the economic team the President-elect has put together. They are people who have a lot of experience and who, in his opinion, know what they are doing.

Mr. Dean Martin, State Treasurer, gave a handout to members and made a presentation regarding the state budget. (*See Attachment 1*)

The meeting adjourned at 11:54 a.m.	
	Sandy Schumacher, Secretary
	Tim Everill, Assistant Director

NOTE: A full audio recording of this meeting is available at the JLBC Staff Office, 1716 W. Adams. A full video recording of this meeting is available at <a href="http://www.azleg.gov/jlbc/meeting.htm">http://www.azleg.gov/jlbc/meeting.htm</a>.

# **Finance Advisory Committee**

**January 13, 2009** 

**JLBC** 

# FY '09 Revenues Will Need to Grow By 6.1% to Meet \$10.0 B Budgeted Level

- Original budgeted FY '09
   growth compared to enacted
   '08 Budget
- Growth adjusted for lower 6.1% '08 Base



# '09 Revenue Collections Continuing to Decline

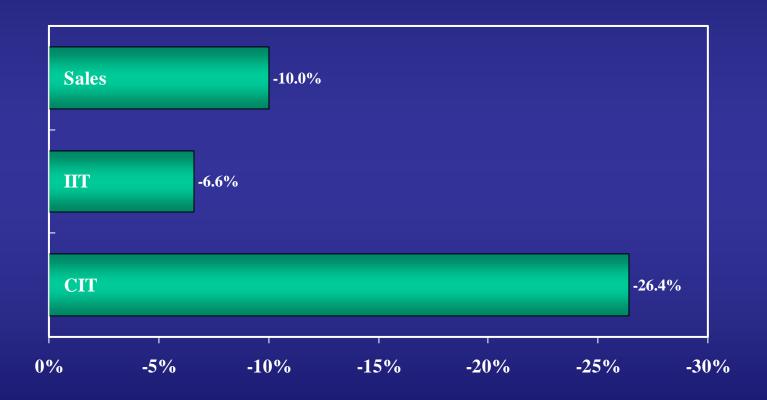
- First Half-Year Decline = (10.1)%



**Percent Change Below FY 2008** 



# All Major Tax Categories Declined in the 1st Half of FY '09



Excludes statutory and one-time changes.

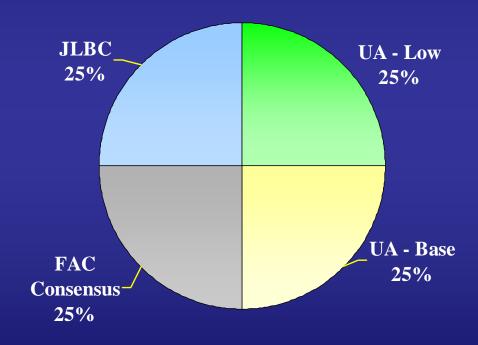


# Where Are We Headed Over the Next Few Years?

# - Four-Sector Consensus Forecast Incorporates Different Economic Views, Including the FAC

4-sector forecast equally weights:

- FAC average
- UofA model base
- UofA model low
- JLBC Staff forecast
- Remaining revenues (9% of total) are staff forecast

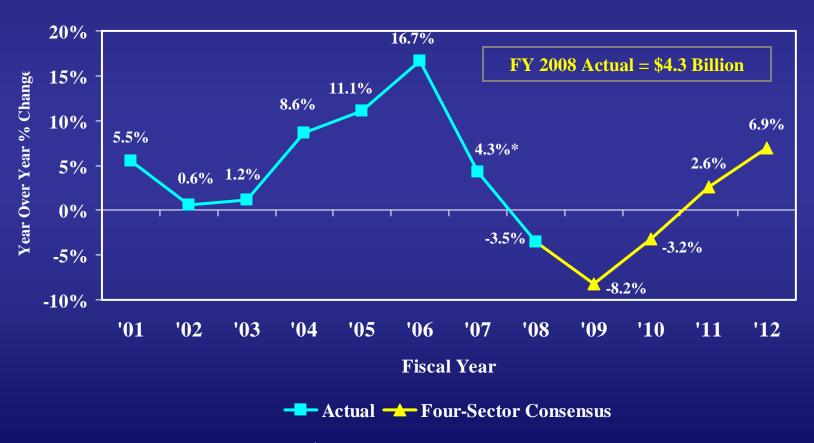


\* Includes Big 3 categories of sales tax, individual income and corporate income taxes.



# **Sales Tax**

- The Consensus Forecasts Declines of (8.2)% in '09 and Another (3.2)% in '10

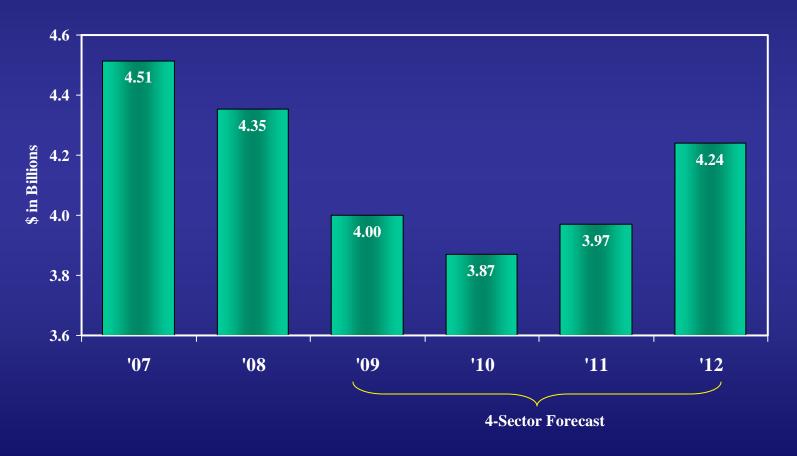






# Sales Tax

# - Collections Below FY '07 Level Until FY '13

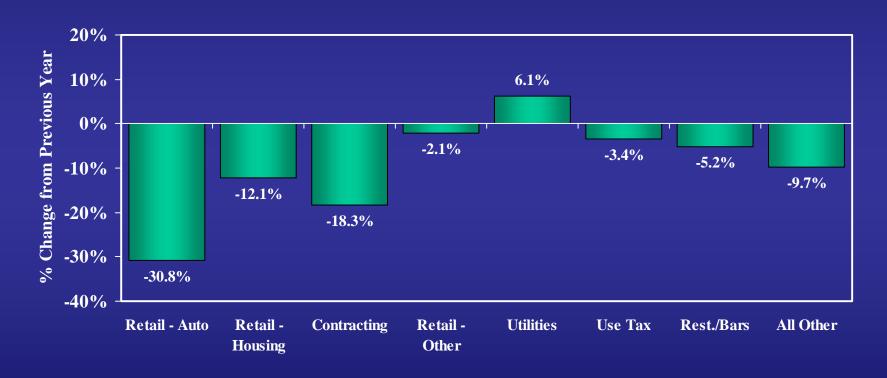






# Construction and Vehicle Spending Have Declined Significantly

- Represents 37% of Sales Tax Collections



FY 2009 Year to Date Sales Tax Revenues – (Through November)



# **Individual Income Tax**

- The Consensus Forecasts Declines of (7.2)% in '09 and Another (2.8)% in '10



\* Excluding the 10% phased-in rate reduction, growth would have been 6.3% in '07, and (4.1)% in '08.



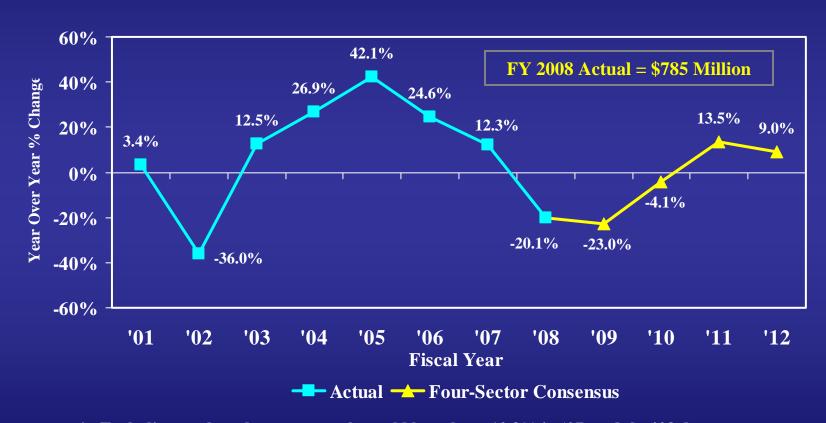
# **Individual Income Tax**

- Weakness In Both Withholding and Payment Categories
  - Ongoing job losses are adversely affecting withholding tax collections.
  - Year to date, withholding is down by (1.8)% and is likely to decline further.
  - Estimated payments have declined yearover-year in 14 of the last 18 months.
  - Year to date, payments are down by (16.2)%.



# **Corporate Income Tax**

- The Consensus Forecasts Declines of (23.0)% in '09 and Another (4.1)% in '10



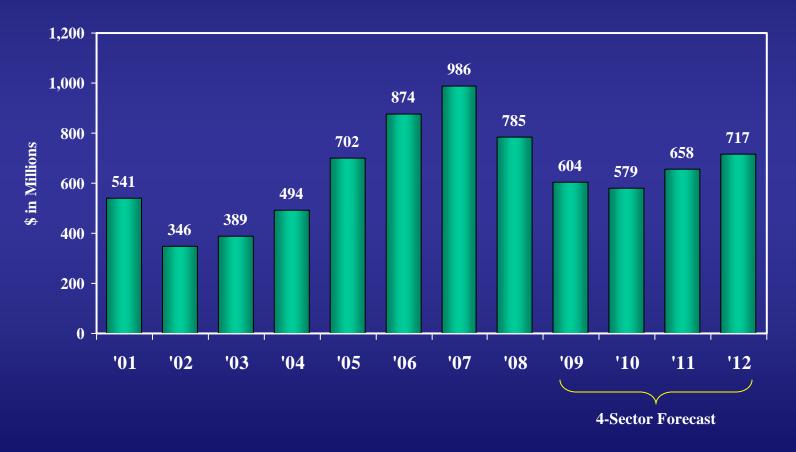
<sup>\*</sup> Excluding tax law changes, growth would have been 12.8% in '07, and the '08 decrease would have been (14.7)%.

<sup>\*\*</sup> In FY '09-11, there will be an additional incremental loss associated with the phase in of the corporate sales factor legislation.



# **Corporate Income Tax**

# - Collections Return to FY '05 Level in FY '12

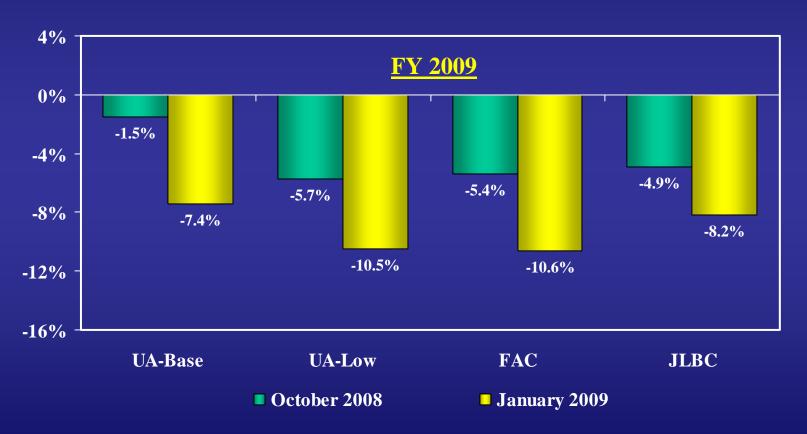






# January 4-Sector Projecting Revenue Decline of (9.2)% in FY '09

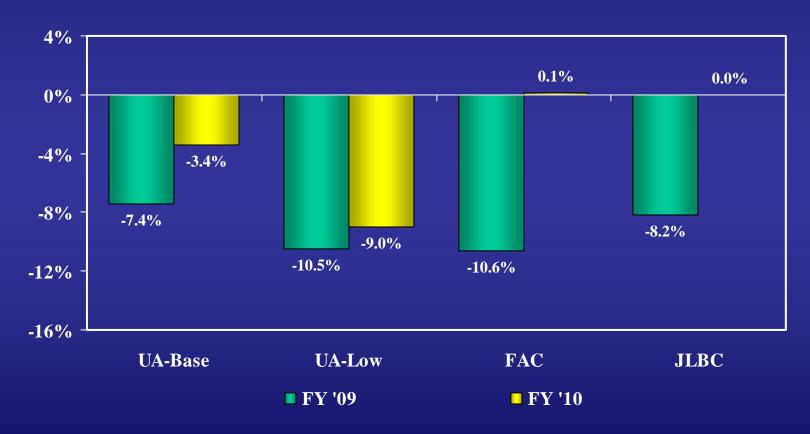
- October 2008 Forecast for FY '09 was (4.4)% Decline



Weighted Big 3 Average and JLBC Forecast for Small Categories Prior to Tax Law Changes



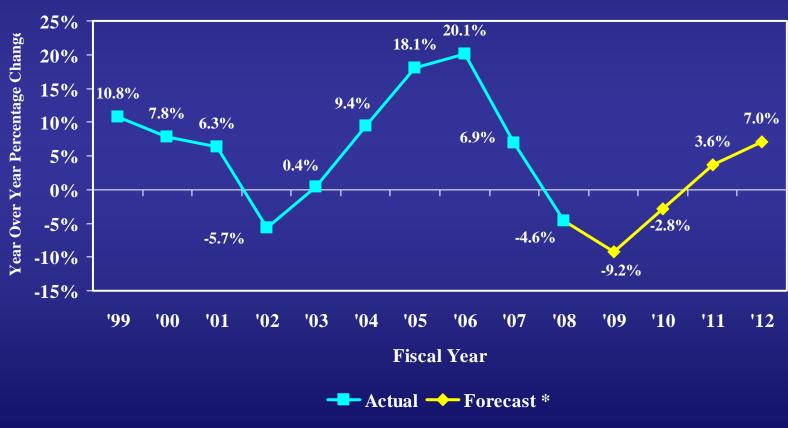
# Each Sector Shows Improvement for FY '10, But Overall Forecast Still A (2.8)% Decline







# 4-Sector Does Not Forecast Normal Growth Until FY 2012

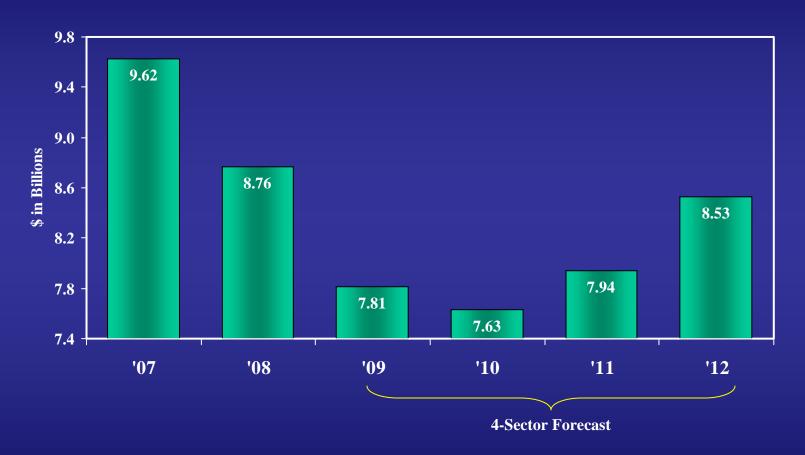






# **On-Going General Fund Revenue**

- Collections Will Not Return to '07 Level Until After FY '12



Includes Urban Revenue Sharing and enacted tax law changes - excludes balance forward and other one-time revenues.



# **FY '10 Revenue Base Also Adjusted for Tax Laws and Urban Revenue Sharing**

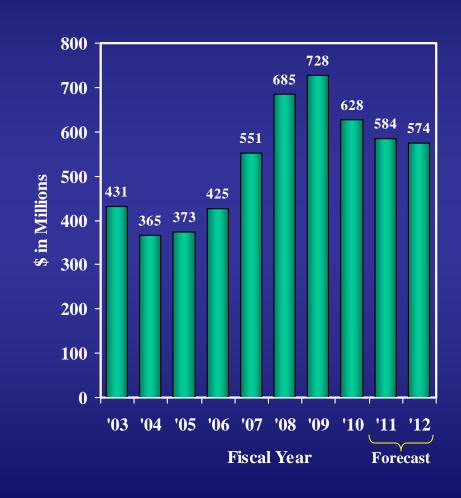
- Tax law changes of \$(34) M.
  - Corporate sales factor phase-in \$(29) M, and
     Phoenix Convention Center payment \$(5) M.
- Urban Revenue Sharing decreases by \$(100) M from \$728 M in '09 to \$628 M in '10.
  - Of \$(100) M, \$(18) M is due to elimination of onetime special adjustments.
  - Remaining \$(82) M due to decline in income tax collections.



# **Urban Revenue Sharing Volatility**

# - Due to Link to Income Tax Collections

Cities receive
 15% of individual
 and corporate
 income tax
 collections from 2
 years prior.





## FY2009-FY 2012 Quartile Forecast Worksheet

	FY 2009	FY 2010	FY 2011	FY 2012
Sales Tax				
JLBC Forecast	-6.3%	0.1%	4.3%	6.0%
UA - Low	-10.1%	-8.7%	-0.2%	6.6%
UA - Base	-8.8%	-4.2%	2.5%	7.9%
FAC Survey	-7.6%	0.1%	3.7%	6.9%
Average:	-8.2%	-3.2%	2.6%	6.9%
Individual Income Tax				
JLBC Forecast	-7.7%	-0.1%	6.5%	7.5%
UA - Low	-8.7%	-8.7%	-1.3%	5.2%
UA - Base	-3.1%	-2.2%	2.5%	6.2%
FAC Survey	-9.2%	-0.1%	4.7%	8.5%
Average:	-7.2%	-2.8%	3.1%	6.9%
Corporate Income Tax				
JLBC Forecast	-20.4%	0.0%	12.3%	4.1%
UA - Low	-20.2%	-12.6%	13.3%	11.4%
UA - Base	-18.2%	-4.9%	18.9%	5.9%
FAC Survey	-33.0%	1.3%	9.6%	14.5%
Average:	-23.0%	-4.1%	13.5%	9.0%
Consensus Weighted Average:	-9.1%	-3.1%	3.6%	7.0%
JLBC Weighted Average:	-8.2%	0.0%	5.8%	6.4%
UA Low Weighted Average:	-10.5%	-9.0%	0.4%	6.5%
UA Base Weighted Average:	-7.4%	-3.4%	3.8%	7.0%
FAC Consensus Weighted Average:	-10.6%	0.1%	4.5%	8.1%





## National Outlook 2009

Presented by: Elliott D. Pollack

Presented to: Finance Advisory Committee January 13<sup>th</sup>, 2009



Elliott D. Pollack & Company

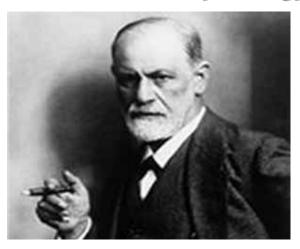
# **Bail Out or no Bail Out**

= a BAD year or a TERRIBLE year.





## **Credit Markets: Economics vs. Psychology**





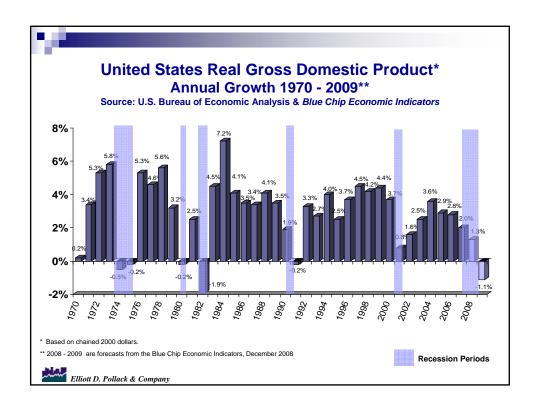
Elliott D. Pollack & Company



#### **Government Economic Measures**

- Monetary Policy (rate changes),
- 2. GSE Reforms (Fannie/Freddie),
- Money Mkt. Mutual Fund (MMMF) Guarantee,
- 4. Asset Backed MMMF Comm. Paper Liq. Facility,
- Commercial Paper Funding Facility,
- 6. Increase Supply of Term Funds to Banks,
- Expansion of Swap Agreements, 7.
- FDIC Temp Liquidity Guarantee Program,
- Emergency Economic Stabilization Act ("bail-out package"),
- 10. FHA Hope for Homeowners(\$300B for mortgage assistance).



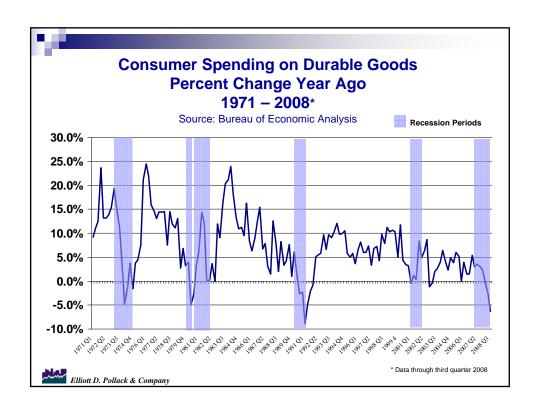


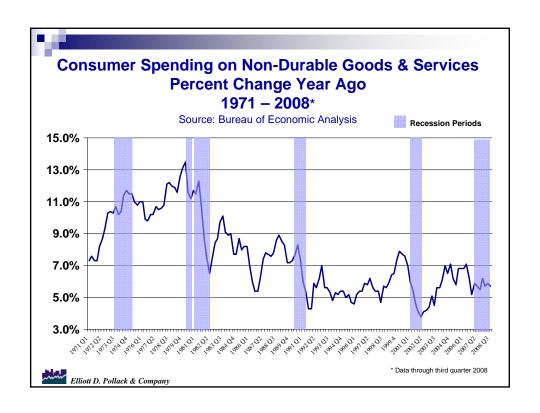
## **Basic Story**

#### **Consumer**

- Too much debt
- Not enough traditional savings
- Poor stock market and housing price performance
- Jobs and hours worked declining
- Prices on basics, such as oil + food, have been rising

# The Result Consumer Consumer spending squeezed Big cuts in spending on durables Also cuts in non-durables and services Elliot D. Pollack & Company

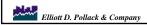




## **Basic Story**

#### **Business**

- Has been strong due to weak dollar / strong exports
- Weakness in rest of world will hurt exports





#### **The Result**

#### **Business**

- Business spending on plant & equipment will not be as strong as it has been
- Trade deficit will improve, but more slowly



Elliott D. Pollack & Company



## **Basic Story**

#### **Housing**

- Supply / demand imbalance continues
- No quick fix for credit markets
- Foreclosures to continue at high rates





#### **The Result**

## **Housing**

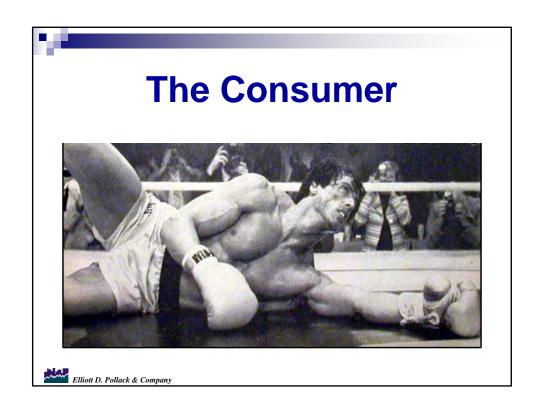
- Drag on economy from housing will end because comparisons so easy
- But drag on economy from commercial will get worse

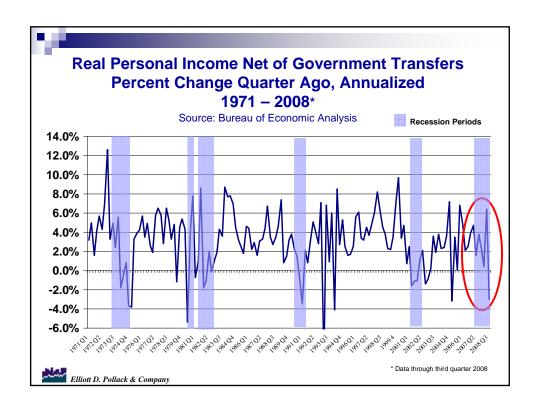


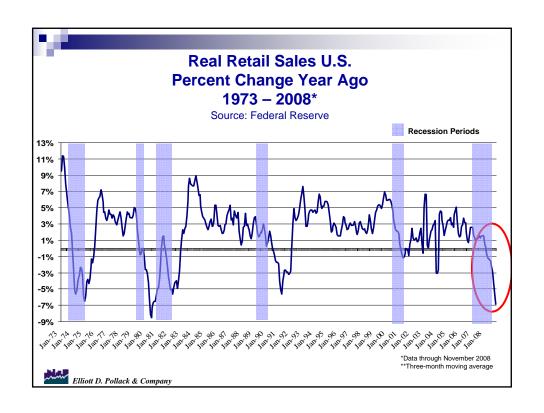


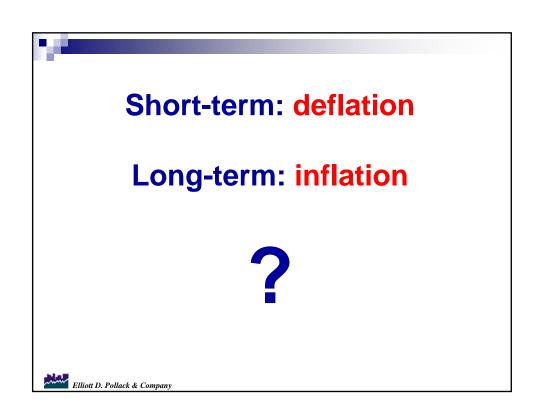


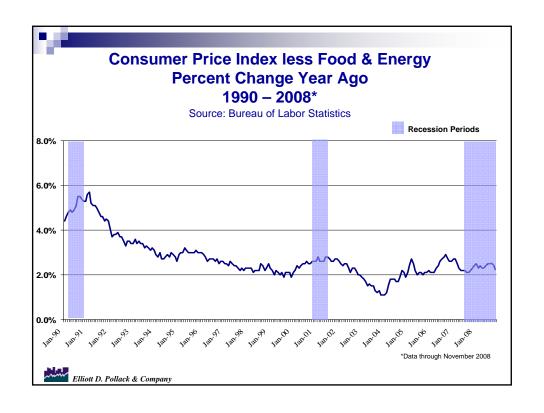


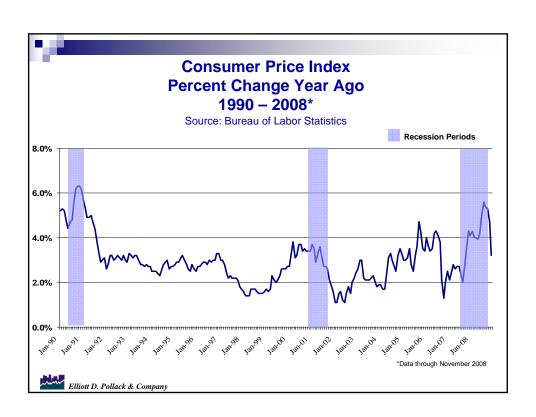


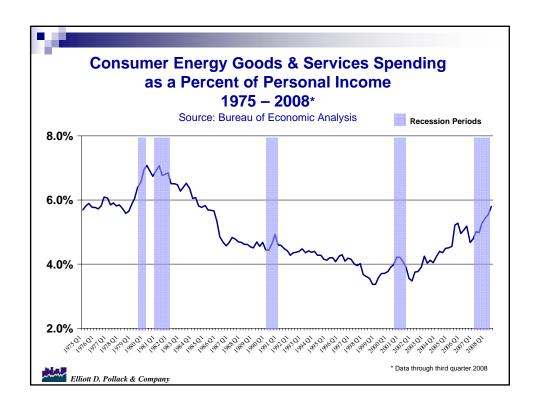


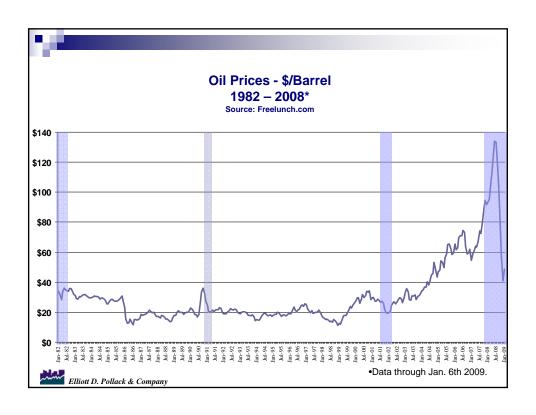


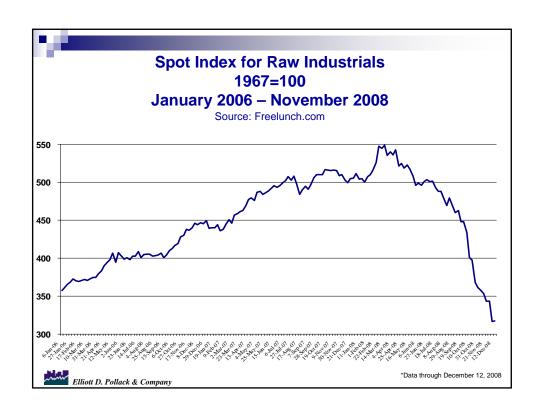
















#### What Will Happen to HH Net Worth?

#### In the 90s

Housing prices increased moderately, but stock market boomed.

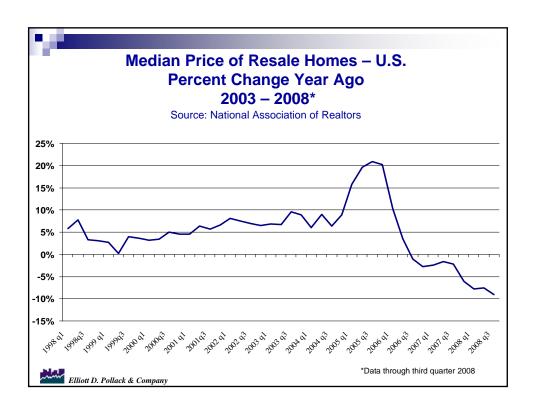
#### First half of 2000's

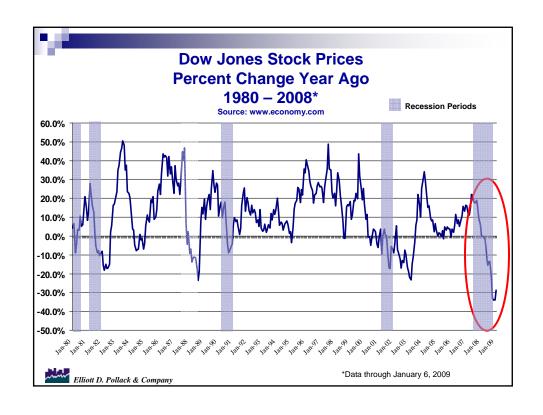
Stock market was doing poorly, but housing prices boomed.

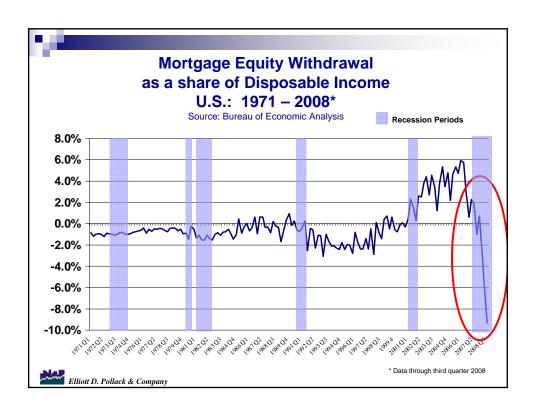
#### Now

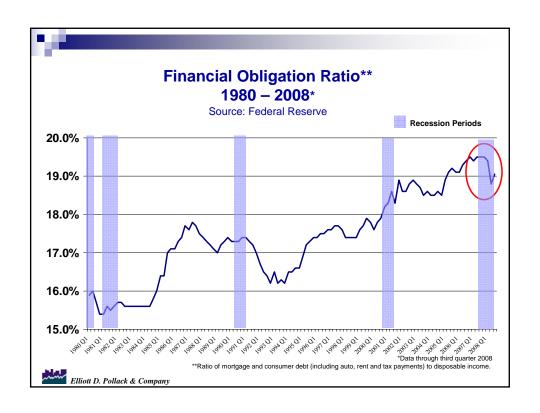
Declining housing prices AND poor results in the stock market.

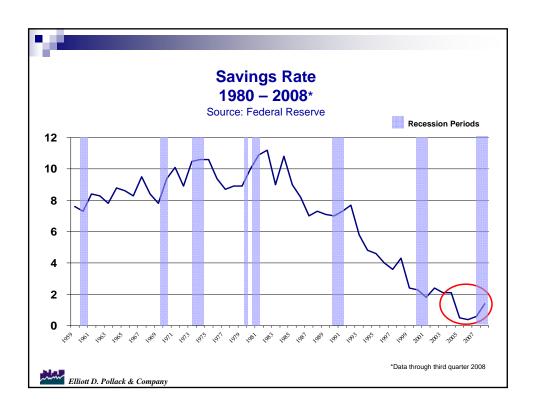












### Business: Finally taking it on the chin?



Elliott D. Pollack & Company

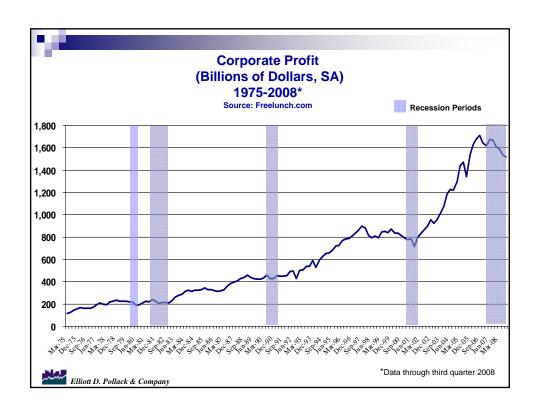
## The extent depends on the industry...

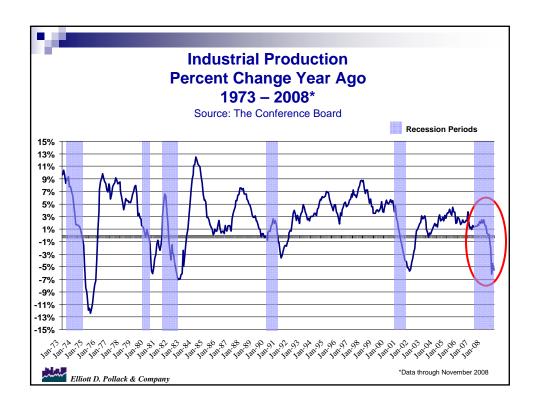
#### **Saving Graces**

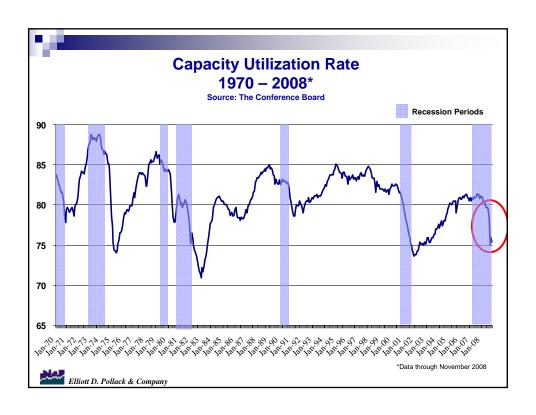


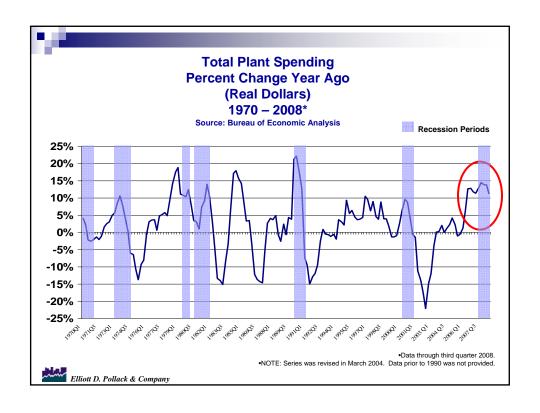
- Corporations were in good financial shape.
- Exports were booming.

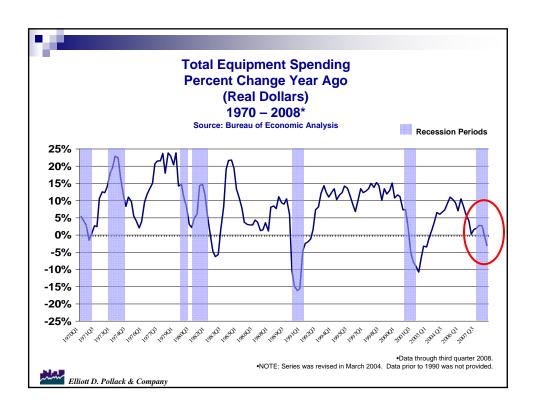


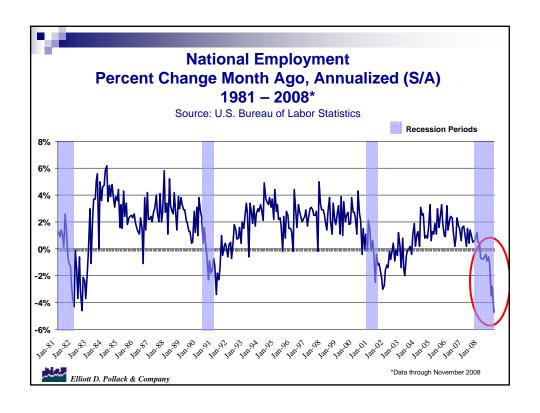


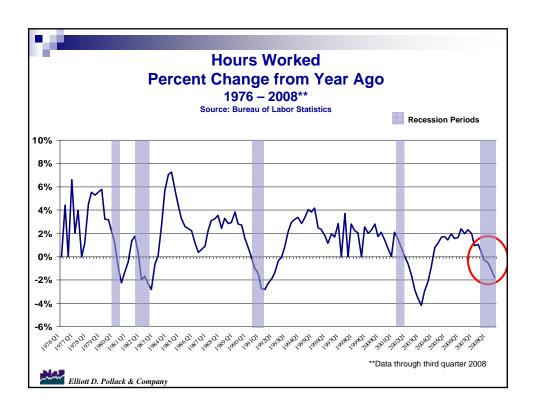




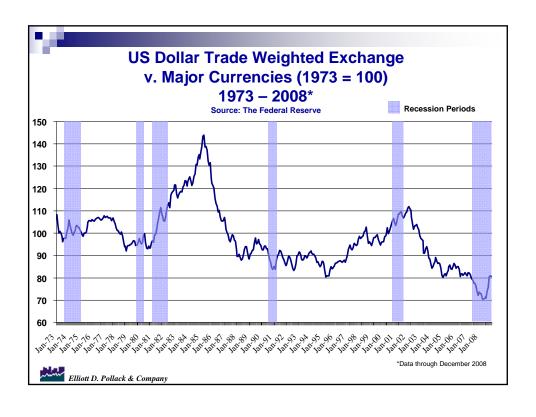


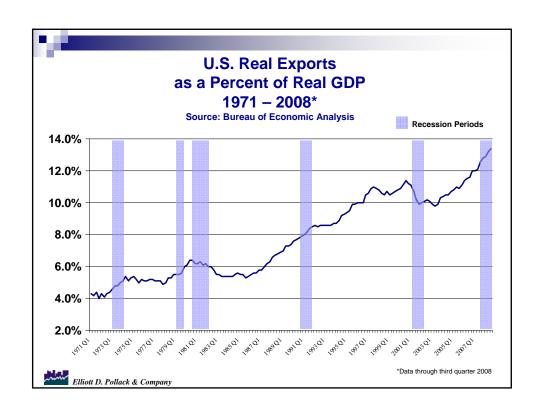














#### **Tougher Mortgage Loan Standards**

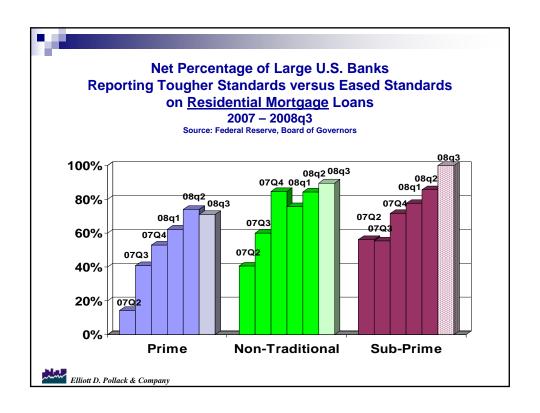
Source: Federal Reserve Survey, October 2008

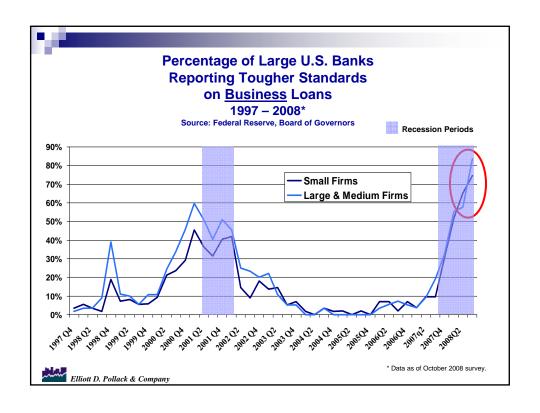
- 100% of banks tightened on sub-prime mortgages.
- 89.6% of banks tightened on "non-traditional" mortgages

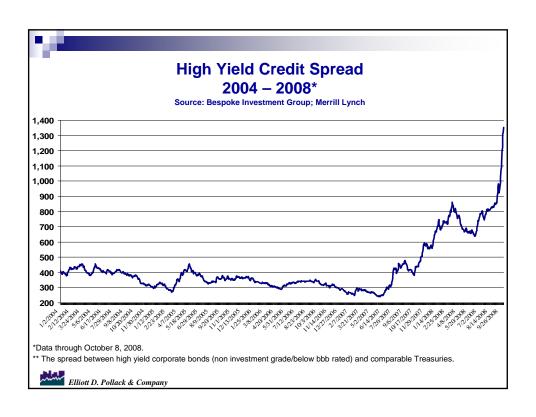
(ARMs, Interest-only, or Limited Income Verification loans).

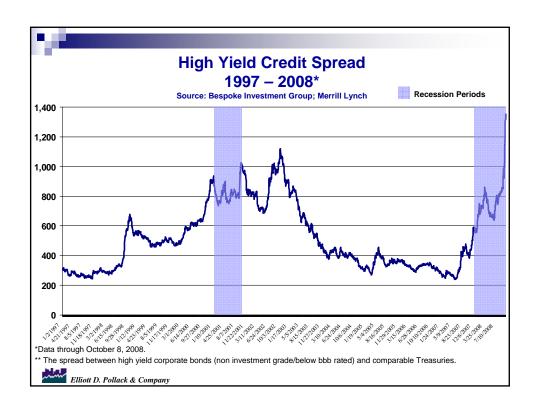
• 71.0% of banks tightened on prime mortgage loans.

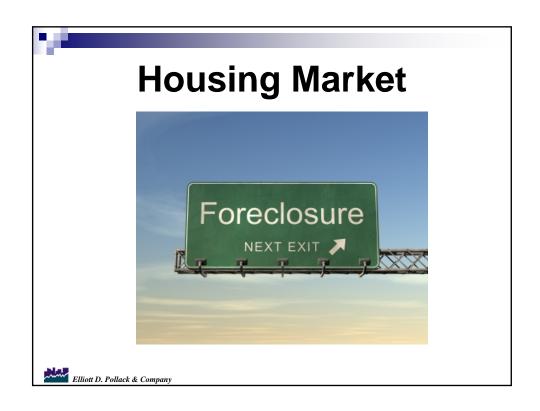


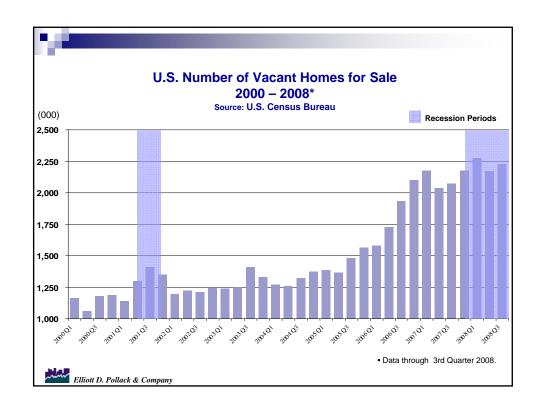


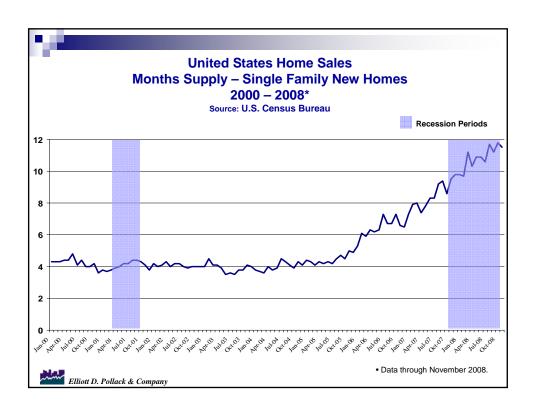


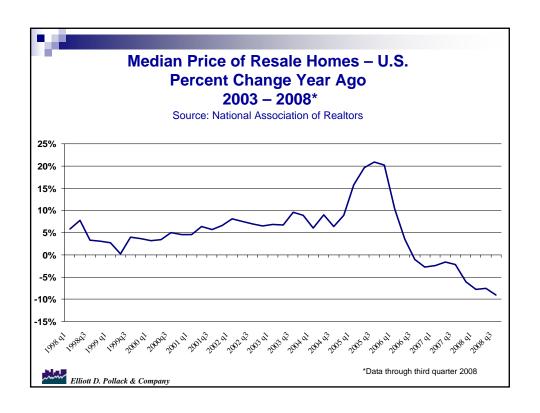


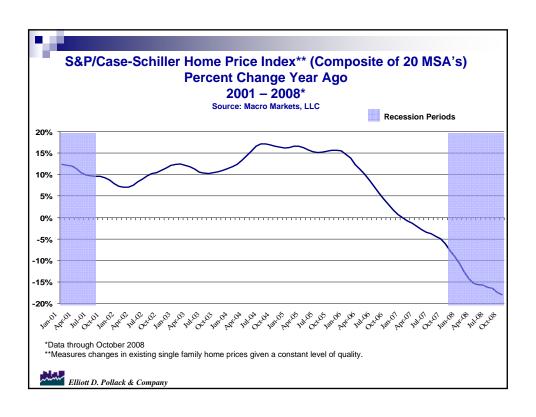


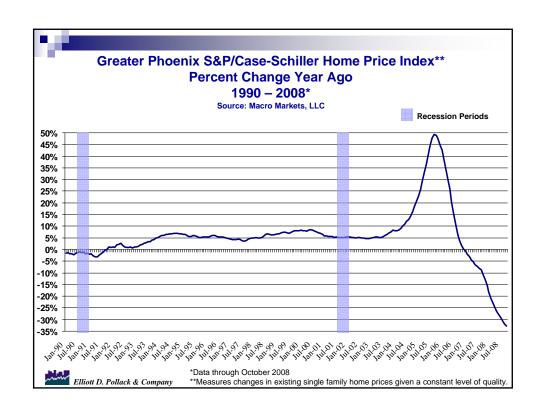




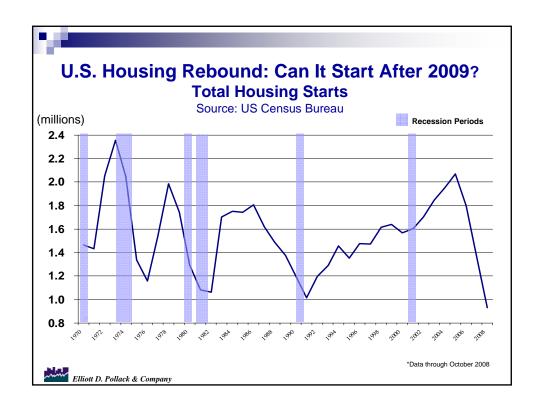


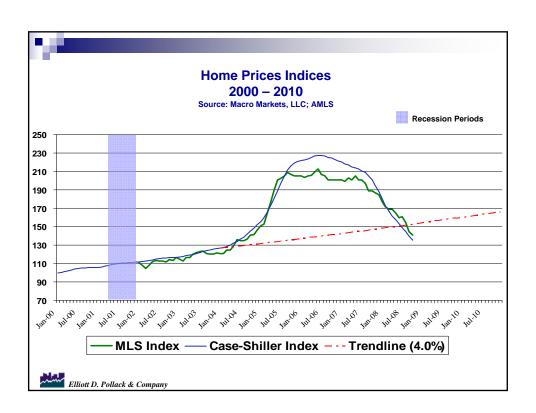














#### **Tighter lending standards** and a weak economy have acted as a drag on the housing market.



Elliott D. Pollack & Company



#### Over the past 12 months in the U.S.:

- 33.3% of homes sold were sold at a loss.
- 18.6% of home sales were foreclosures.

Of the homes purchased over the past 5 years, an average of 31.1% have negative equity.

Source: Zillow





Over the past 12 months in Greater Phoenix:

- 48.9% of homes sold were sold at a loss.
- 37.9% of home sales were foreclosures.

Of the homes purchased over the past 5 years, an average of 41.8% have negative equity.

Source: Zillow



Elliott D. Pollack & Company



The first half, continued ugly.

The second half, no better than homely.





#### Because....

In the first half, comparisons are tough. In the second half, comparisons get easier.



Elliott D. Pollack & Company



#### **ELLIOTT D. POLLACK** & Company

Economic and Real Estate Consulting

#### WWW.ARIZONAECONOMY.COM

**INFO @ EDPCO.COM** 

7505 East Sixth Avenue, Suite 100 Scottsdale, Arizona 85251 480-423-9200 P 480-423-5942 F www.arizonaeconomy.com



# Economic Update and Outlook: Arizona

Marshall J. Vest
Eller College of Management
The University of Arizona

JLBC FAC, January 13, 2009



#### Overview

- The nation's economy is suffering a severe recession
  - Economy in free fall as 2008 came to an end
- · Arizona is one of the hardest-hit states
  - No sign of the bottom as yet
- Recession should end in second half, followed by slow recovery in 2010

♪ JLBC FAC, January 13, 2009



#### Consumer Are in Full Retreat

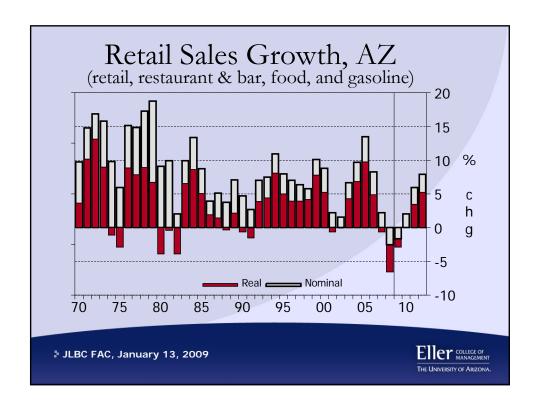
- High gasoline prices have "crowded out" other spending
- In 12 months ending August
  - Gasoline sales up 26%
  - Retail down 8.3%
  - Restaurant & bar sales down 2.1%
  - All three combined, 3.8% lower
- Forecast (all three)
  - -2008 = -2.5%
  - -2009 = -1.6%

JLBC FAC, January 13, 2009

Eller COLLEGE OF MANAGEMENT
THE UNIVERSITY OF ARIZONA.





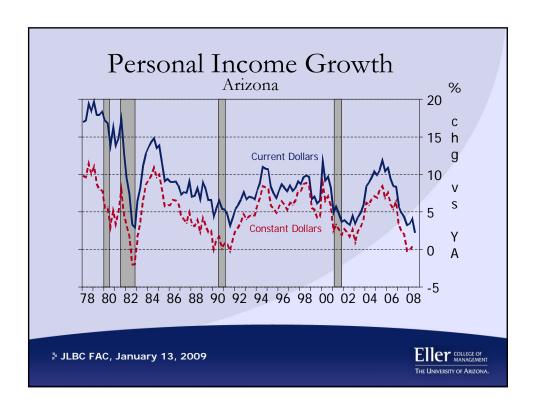


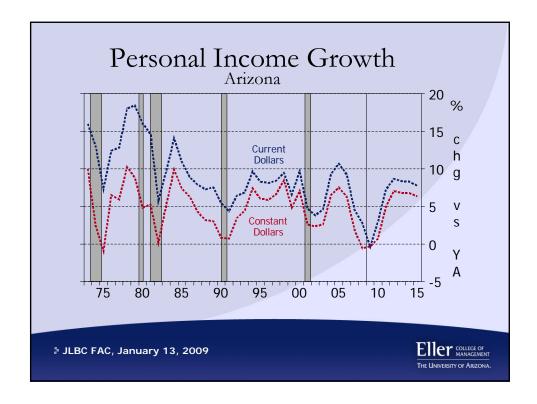
#### Arizona Personal Income

- Increased by 4.5% in 2007
  - -102008 = 3.4%
  - -20 = 4.1%
  - -3Q = 2.3%
- Forecast for 2008 = 2.8%
  - -2009 = -0.4%
  - -2010 = 3.1%

JLBC FAC, January 13, 2009

Eller COLLEGE OF MANAGEMENT
THE UNIVERSITY OF ARIZONA.





#### Housing Update

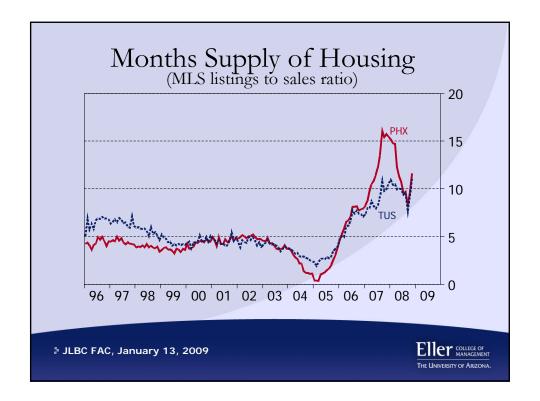
- Home resales moving higher
  - But foreclosures account for major portion
- · Residential permits still declining
  - But nearing bottom
- · Inventories still very high
- Housing prices are moving lower

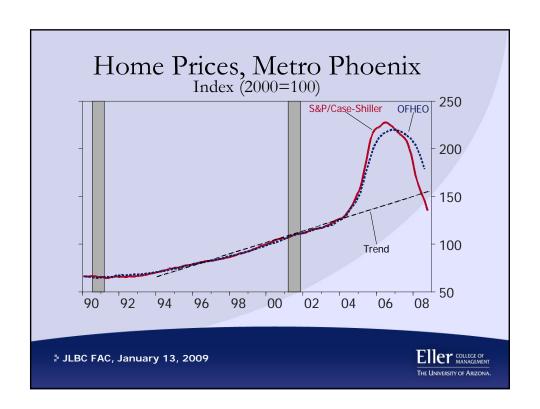
JLBC FAC, January 13, 2009











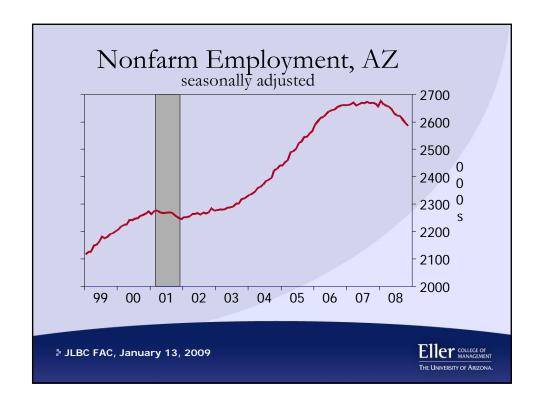
#### Labor Market Update

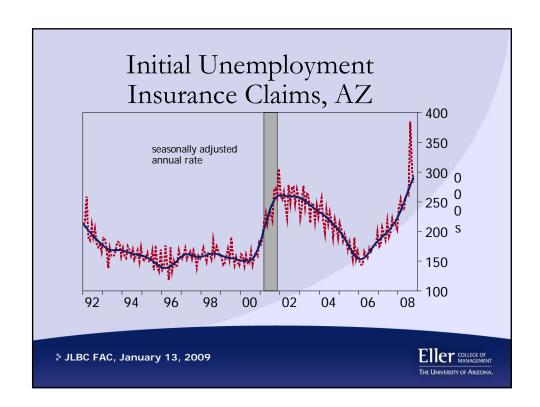
- Business Confidence at recessionary levels
- Nonfarm employment peaked August 2007
   Lost 83,000 jobs, or 3.1%
- · Losses are spread across sectors
- Unemployment rate headed above 8%
  - But will remain below levels in prior recessions
- Nonfarm jobs will decline 70,000 this year
  - Bottom in 4th quarter

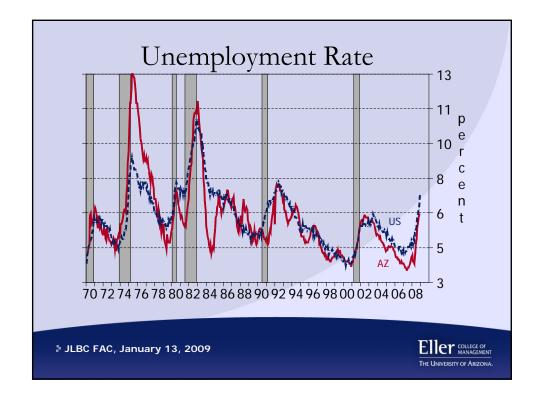
JLBC FAC, January 13, 2009

Eller COLLEGE OF MANAGEMENT
THE UNIVERSITY OF ARIZONA.

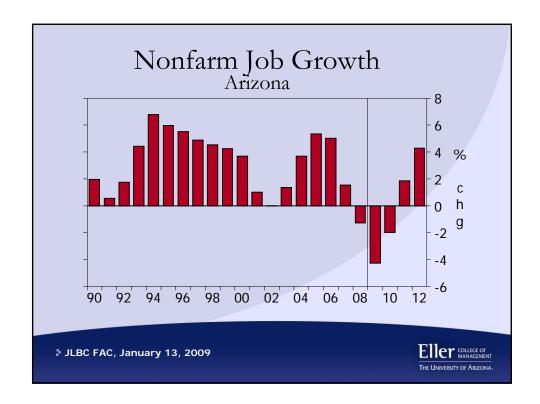


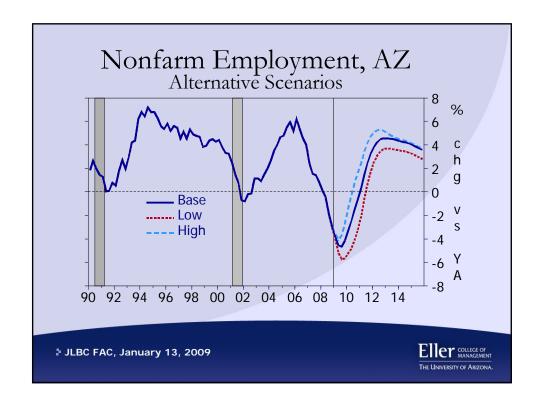










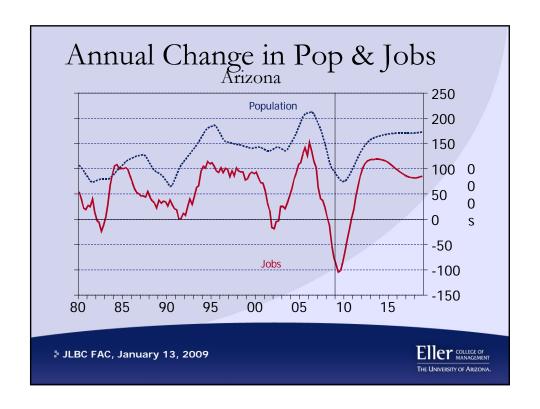


#### **Population Growth Slowing**

- · U.S. Census Bureau estimates
  - Mid-year 2008 AZ pop = 6.5 million
    - Up 2.3%, or 147,000
- Currently, growth is probably nearer half that amount
  - 70,000 annual increase, or 1.2%

JLBC FAC, January 13, 2009

Eller COLLEGE OF MANAGEMENT THE UNIVERSITY OF ARIZONA.



#### **Indicators To Watch**

- Initial unemployment insurance claims
- · Auto sales
- Nonfarm employment
- · Consumer and business confidence
- Financial markets
  - Stock market indexes
  - Yield spreads
- · Price levels

JLBC FAC, January 13, 2009

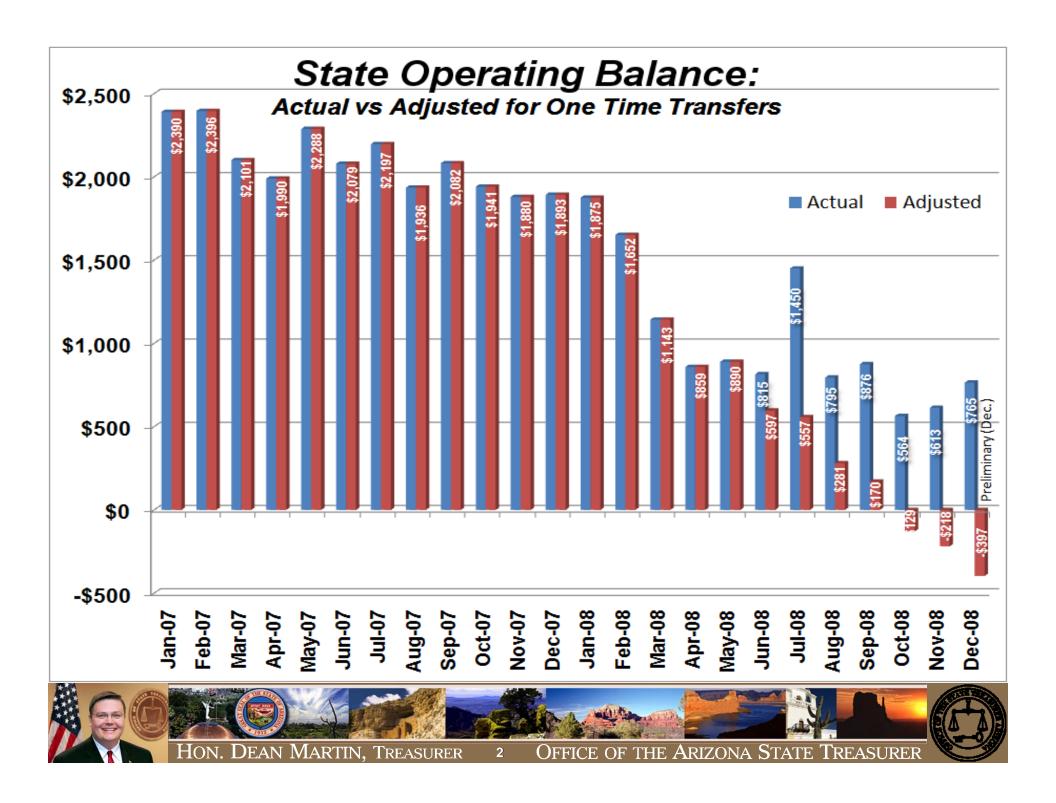


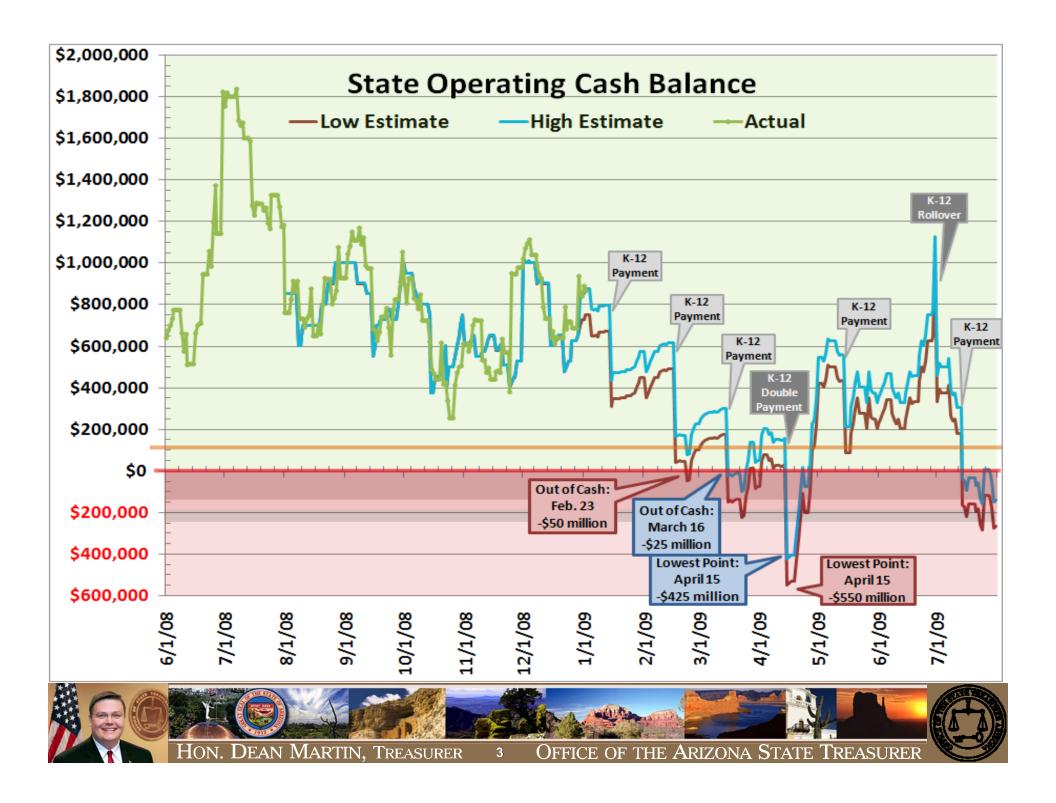


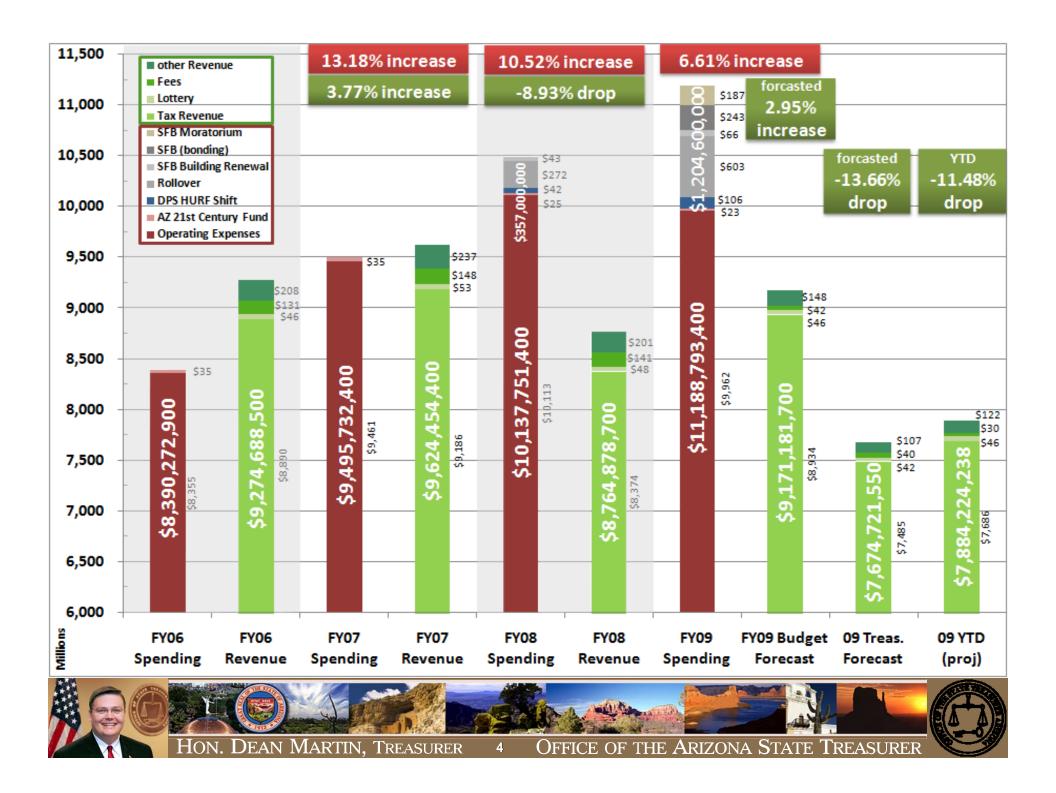
# State Budget & Cash Flow Crisis

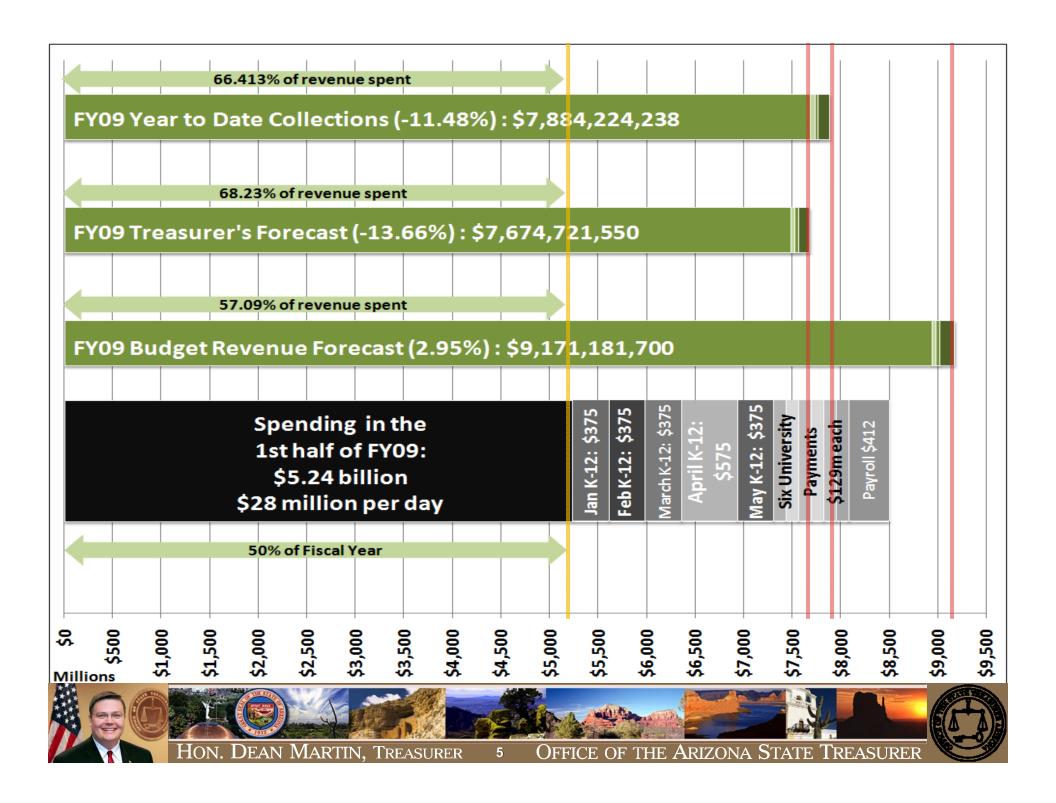


January 13th 2009









## Where is the money going? % Change in "slice of the GF pie"

