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## ECONOMIC UPDATE & OUTLOOK



# U. S. - Arizona & Greater Prescott

Prescott, Arizona October 1, 2014

## Are We Out of the Woods Yet?

### **Still Recovering**

- Job Growth
- Unemployment
- Population
- Home Building



## **Economic Update & Outlook**

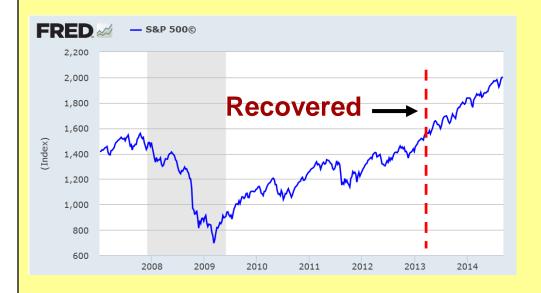
- Is It Getting Better or Worse?
- It's All Getting Better Slowly
- Waiting for Drivers of Growth
- Prescott Recently Improving
- Long Term is Positive for Arizona



#### **At Record High**

#### **Industrial Production**

Recovered 2013 Q3 (After 6 years)



#### **At Record High**

#### S&P 500 Index

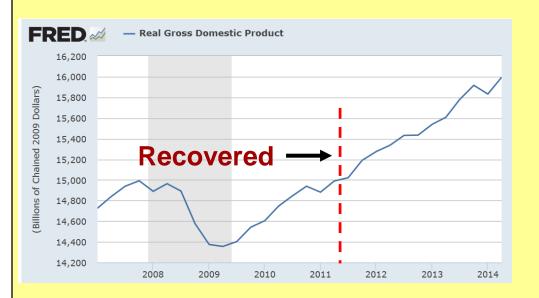
Recovered 2013 Q1 (After 6 Years)



#### At Record High

#### **Corporate Profits**

Recovered 2010 Q3 (after 4 years)

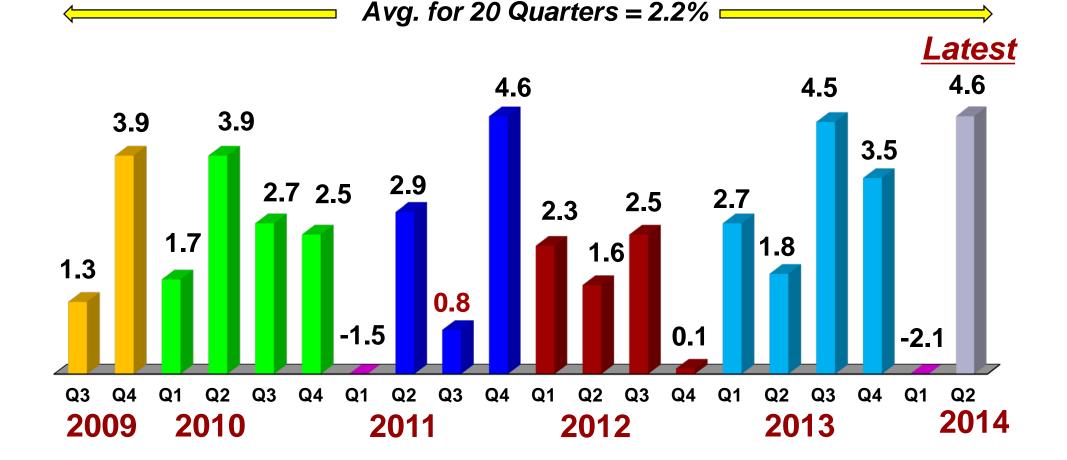


#### **At Record High**

#### **Real GDP**

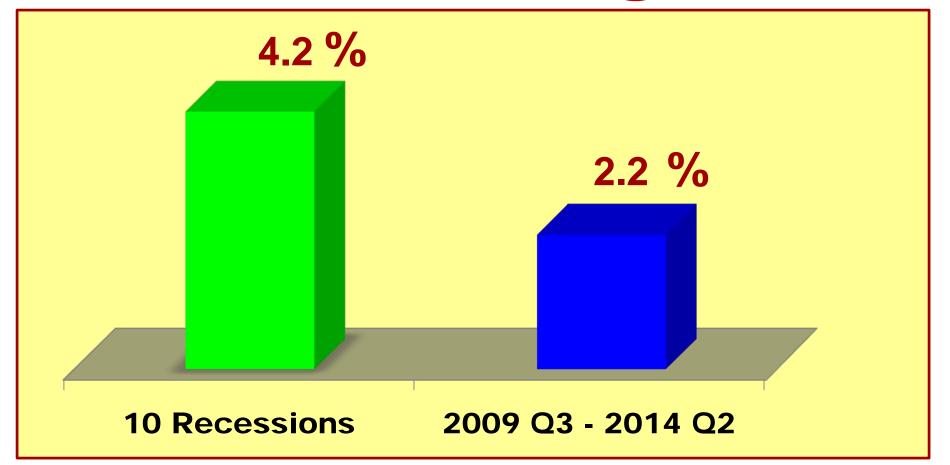
Recovered 2011 Q2 (After 3 Years)

#### GDP Surged in Q2 2014 (Percent Change Real GDP)



U. S. Bureau of Economic Analysis, September 26, 2014

## GDP 20 Quarter Recovery At Below Average Pace



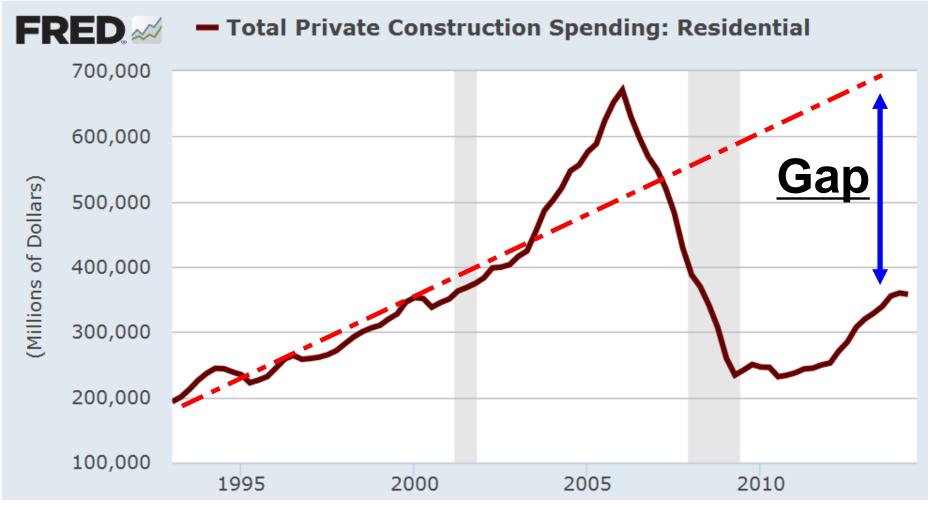
U. S. Bureau of Economic Analysis, average growth 20 quarters post recession

### Will GDP Improve in Second Half?

<b>GDP Component</b>	2013 Growth	2014 1 <sup>st</sup> Half
U. S. GDP (Output)	2.2%	1.2% 📕
Consumer Spending	2.4	1.8
Gross Investment	4.9	6.1
<b>Residential Construction</b>	11.9	1.7
Non-Resid. Construction	-0.5	7.7 🕇
<b>Government Spending</b>	-2.0	0.4 1

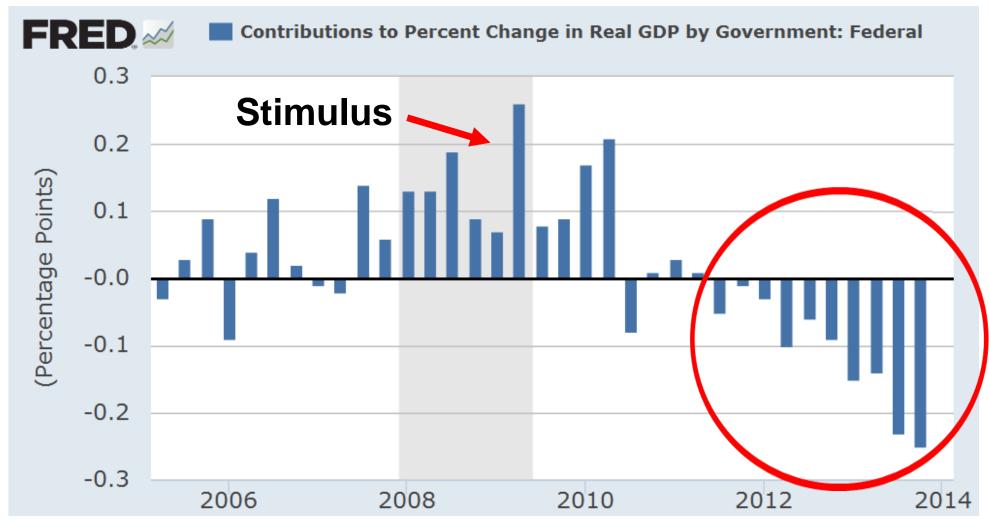
U. S. Bureau of Economic Analysis, GDP Accounts, inflation adjusted

## **Residential Construction is Far Below Prior Trend Line**



U. S. Bureau of Economic Analysis

### **Government Contribution to GDP Turned Negative During Recovery**

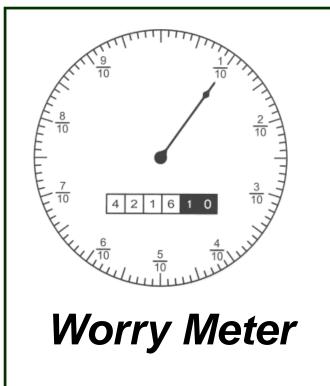


U.S. Bureau of Economic Analysis

## **Consumer is Key to GDP**

- Accounts for 70% of GDP...but..
- Consumer <u>not driving recovery</u>
- Paying off debt & saving more
- Long-term growth 3.6% year
- 1<sup>st</sup> half growth in low gear (1.8%)
- Inequality & Income an issue

## Why Consumers Worry: American Dream Elusive



- Middle Class Struggles
- Still Paying Off Debt
- Real Incomes Stagnant
- Job Growth Slow
- Unemployment High

#### Is Inequality Holding Back the Recovery?



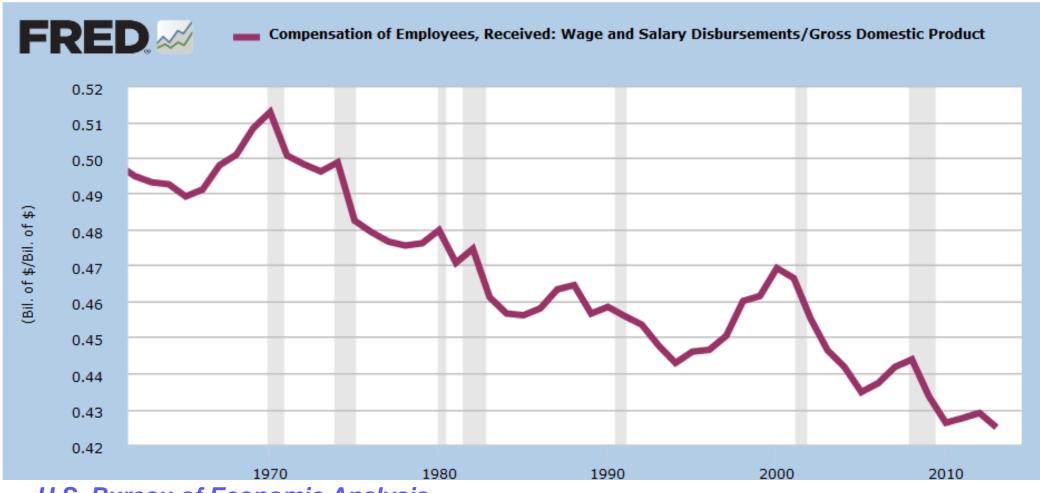


Pope Francis issued a rare economic verdict Tuesday in the first major document of his papacy, outlining his vision for the Roman Catholic Church denouncing "trickle-down theories."

#### Obama: "inequality defining challenge of our time."

#### Pope denounces "trickle-down theories."

## Wages as Percent of U.S. GDP Have Declined Since 1970s

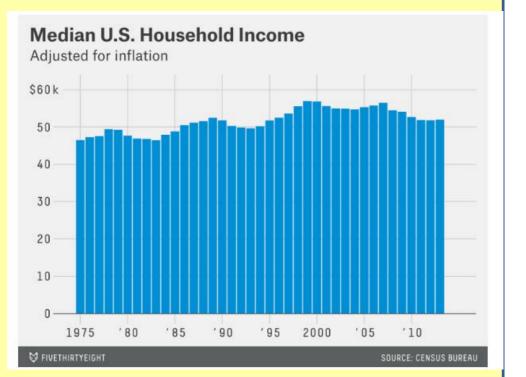


U.S. Bureau of Economic Analysis

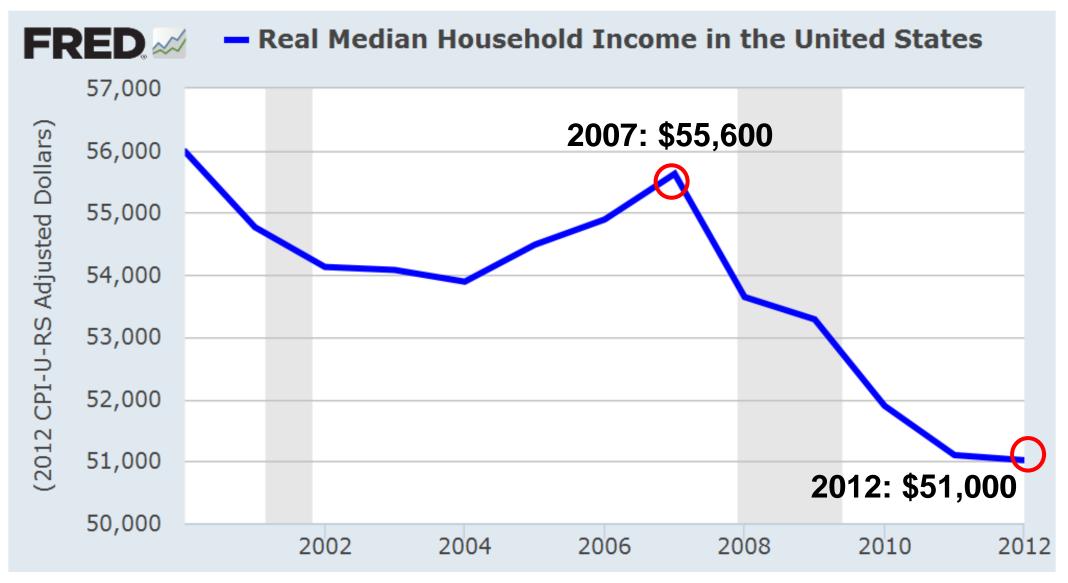
♥ FiveThirtyEight
■ MENU POLITICS ECONOMICS SCIENCE LIFE SPORTS

#### Five Years Of Recovery Haven't Boosted The Median Household Income



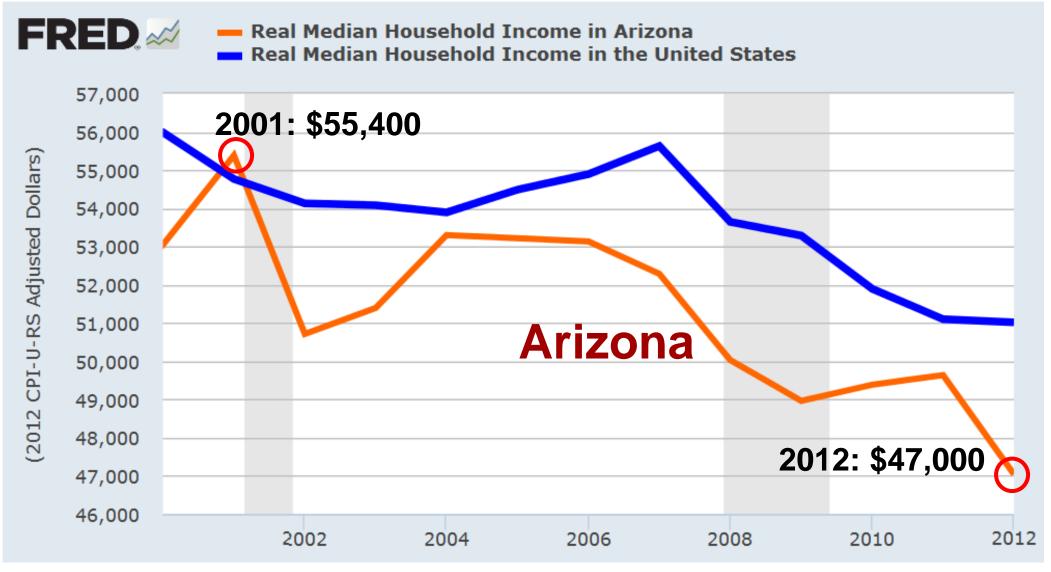


## Median U.S. Income is Declining



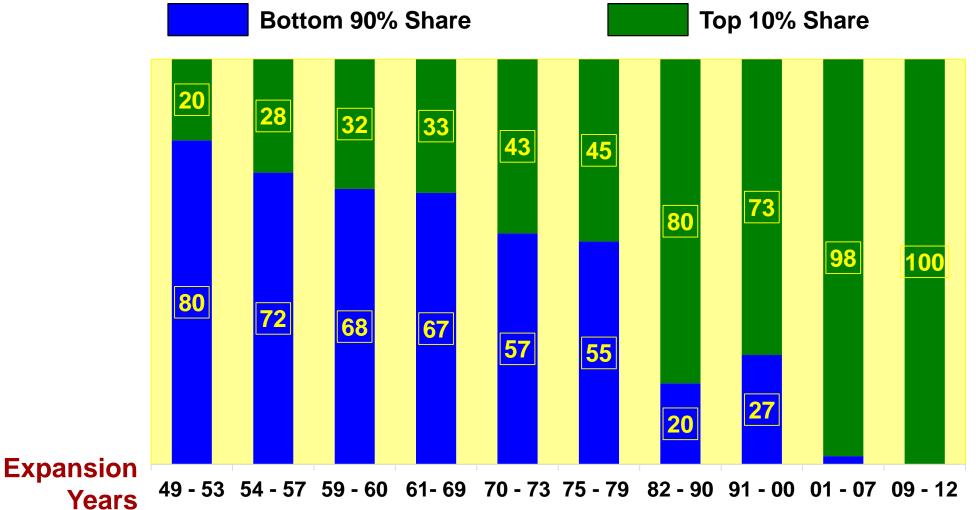
U.S. Bureau of Economic Analysis

### Arizona Real Income is Below U.S.



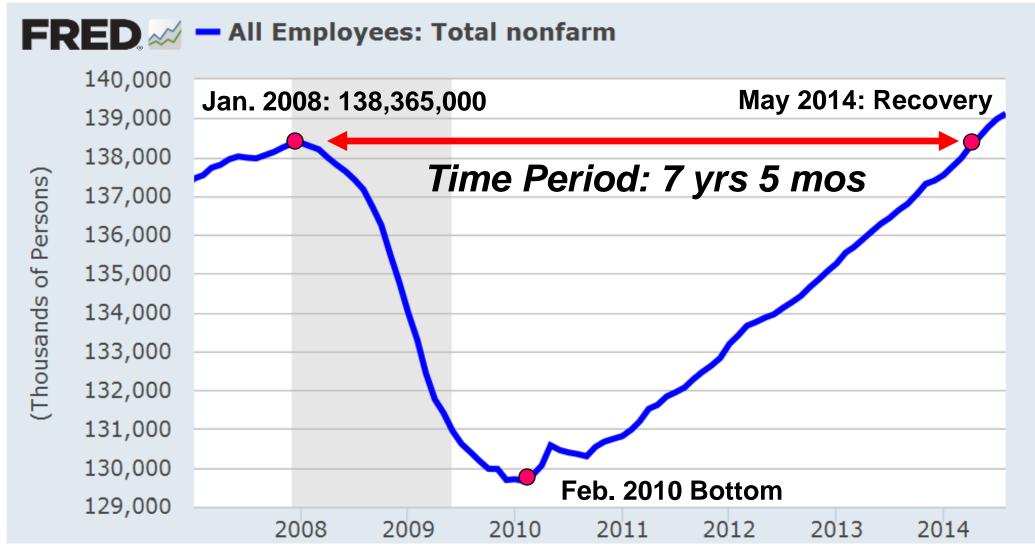
U.S. Bureau of Economic Analysis

#### Income from Economic Expansions Increasingly Going To Top 10%



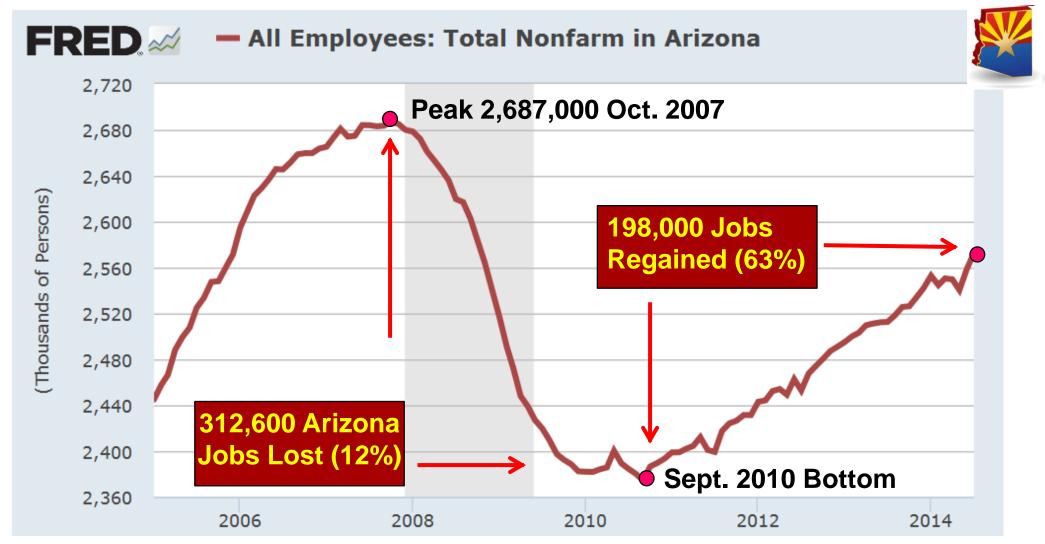
P. R. Tcherneva, Journal of Post Keynesian Economics, Fall 2014

## **U.S. Regains Lost Jobs – Finally!**



#### U. S. Bureau of Labor Statistics, Seasonally Adjusted

#### Arizona Has Regained 63% of Lost Jobs 114,600 Jobs (37%) Still to Recover

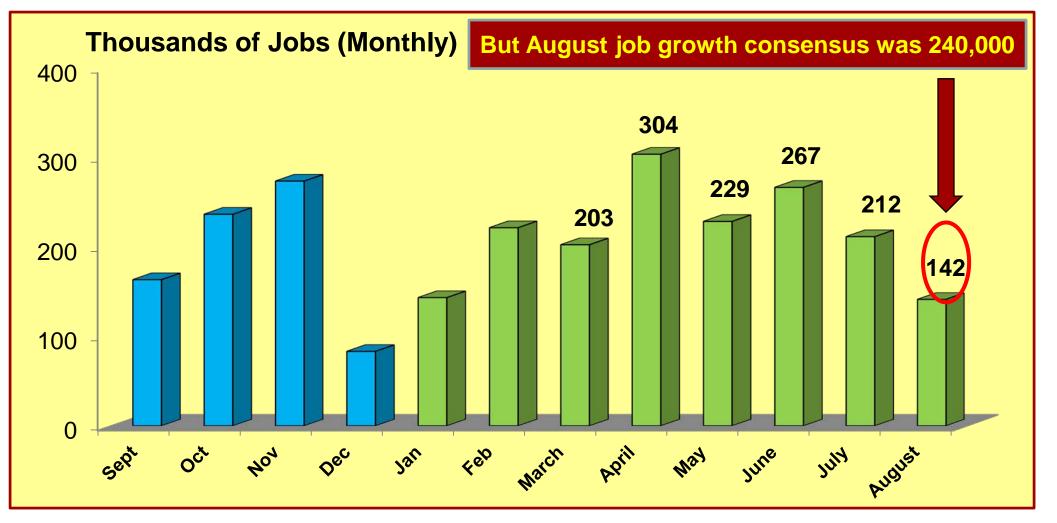


U. S. Bureau of Labor Statistics, Seasonally Adjusted, Payroll Employment, August 2014

#### Prescott Has Regained 37% of Lost Jobs 7,100 Jobs (63%) Still to Recover



#### U.S. Job Growth Improves in 2014 6 Month Avg. Growth: 226,000/month



U. S. Bureau of Labor Statistics, Payroll Employment, Seasonally Adjusted

## Which Statement is True?

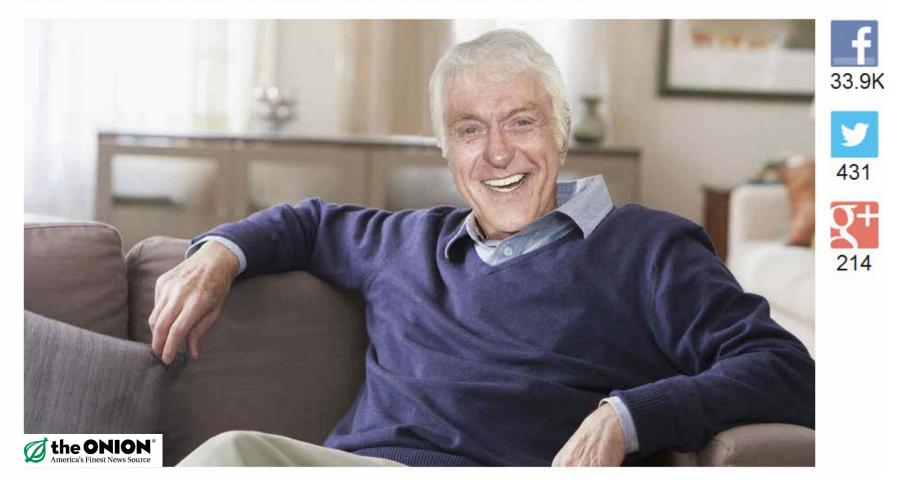
#### **1.** Dick Van Dyke is Zodiac killer

## 2. Kim Jong-Un named sexiest man

#### **3.** 75% of all new jobs are part-time

#### Facebook to test 'satire' tag after users mistake The Onion as real news Dick Van Dyke Finally Confesses To Zodiac Killings

NEWS • Breaking • Celebrities • Crime • News • ISSUE 49•31 • Jul 31, 2013



## Facebook to test 'satire' tag after users mistake The Onion as real news



#### Kim Jong-Un Named The Onion's Sexiest Man Alive

NEWS • North Korea • Lifestyle • ISSUE 48•46 • Nov 14, 2012



#### **People's Daily Reports Story As True**



#### HUFF BUSINESS

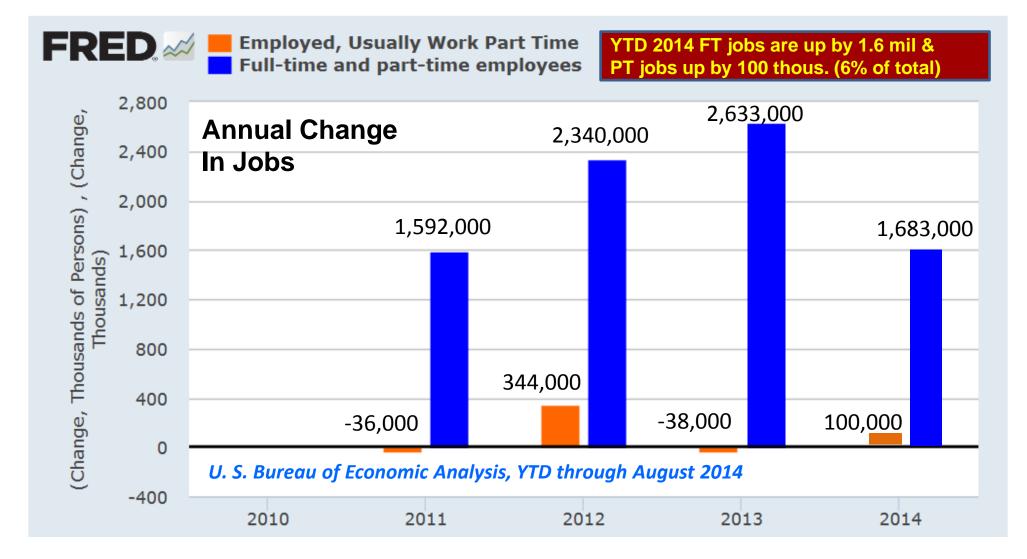
FRONT PAGE POLITICS SMALL BIZ WORLDPOST TECH MEDIA GREEN SPORTS ARTS

#### 75 Percent Of Jobs Created This Year Were Part-Time Due To Weak Economy, Obamacare Concerns

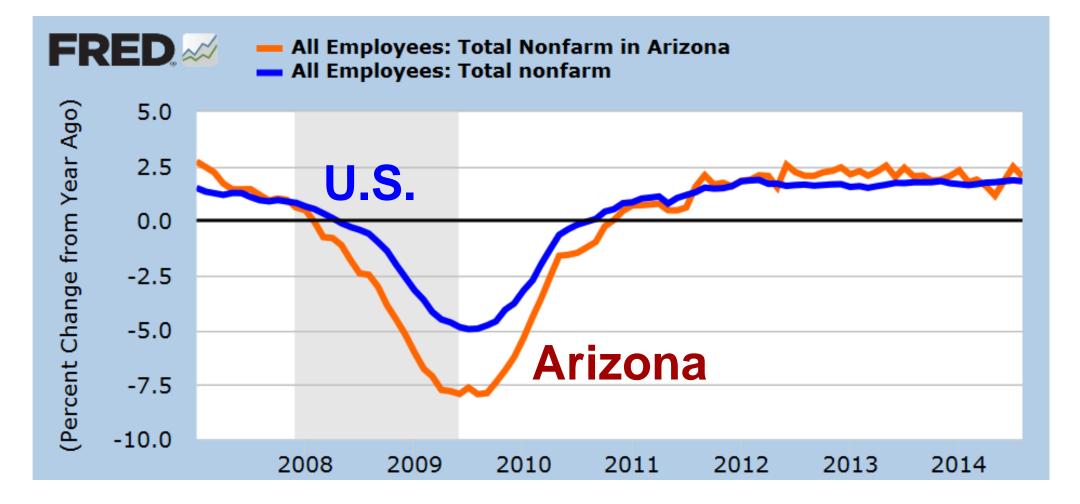
WASHINGTON, Aug 21 (Reuters) - U.S. businesses are hiring at a robust rate. The only problem is that three out of four of the nearly 1 million hires this year are part-time and many of the jobs are low-paid.

Faltering economic growth at home and abroad and concern that President Barack Obama's signature health care law will drive up business costs are behind the wariness about taking on full-time staff, executives at staffing and payroll firms say.

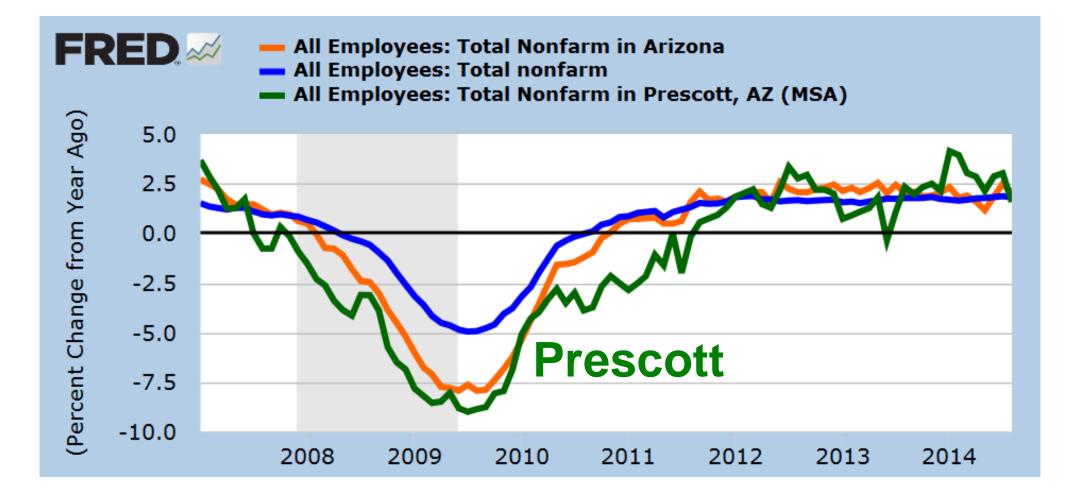
## 15% of New Jobs Were Part-Time in 2012 & Part-Time Jobs FELL in 2013



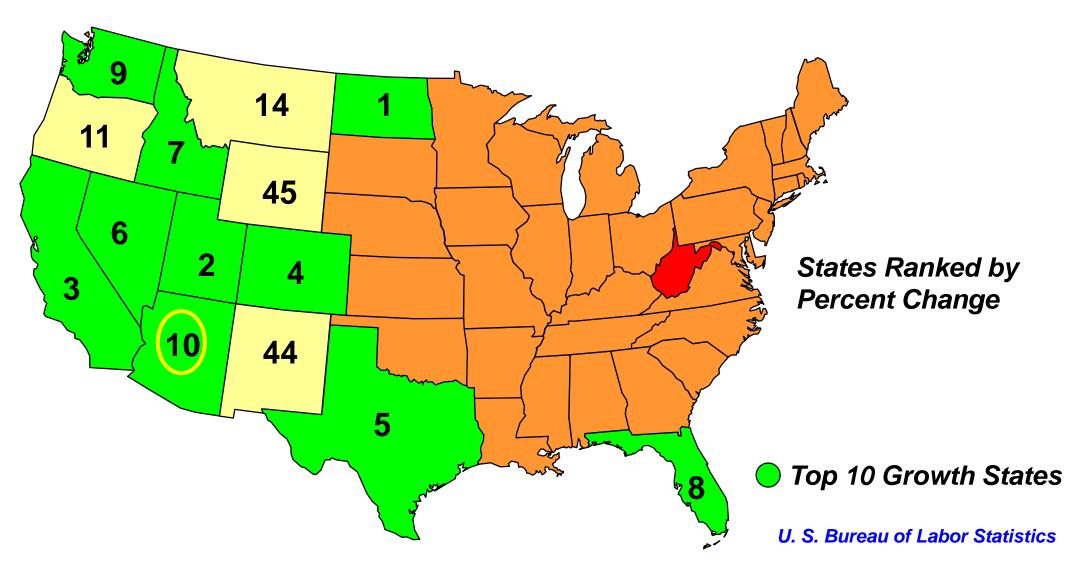
#### Arizona Job Creation is Tracking With the National Business Cycle (+1.9% YTD)



#### Prescott Job Growth To Date in 2014 is Faster (2.7%) Than Arizona and U.S. Pace



#### Arizona 10<sup>th</sup> in Job Growth in 2013 (AZ Jobs Up by <u>2.1%</u> - 25 yr. Average is <u>3.9%</u>)



## Latest Arizona Job Rankings

Ranked by Year-to-Date Growth: August 2014

Arizona Industry	% Growth	U.S. Rank
Overall Job Growth	1.9	16
Health Care	3.4	4
Financial Sector	4.6	5
Retail Trade	2.3	14
Food Services	3.5	20
Manufacturing	-0.1	35
Government	-0.6	35
Construction	-1.0	38

U. S. Bureau Labor Statistics & W. P. Carey School of Business

## **Latest Prescott Job Growth**

#### Year-to-Date Growth Through August 2014

Arizona Industry	% Growth	Job Growth
Overall Job Growth	2.7	1,540
Health Care (+Pvt. Education)	3.5	370
Financial Sector	-5.1	-90
Retail Trade (+ Transport)	6.8	770
Leisure/Hospitality	1.3	100
Manufacturing	4.1	130
Construction (+Logging)	0.7	30
Government	2.8	290

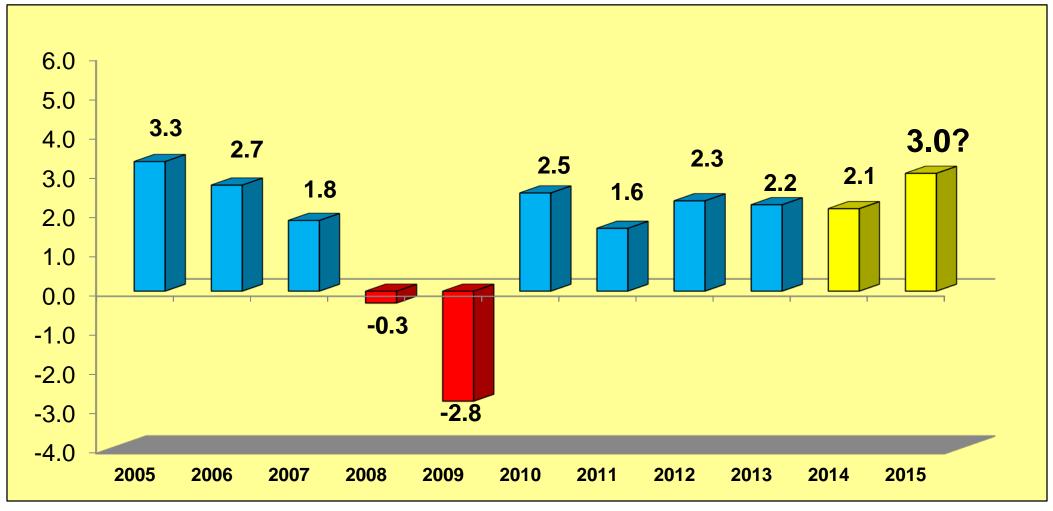
U. S. Bureau Labor Statistics & W. P. Carey School of Business

## **U.S. Economic Outlook** Tight Fiscal Policy, Uncertainty, and Slow Global Growth Affect U.S. GDP

Indicator	2013	2014	2015
Real GDP Growth	2.2%	2.1%	3.0%
<b>10 Year Treasury Note</b>	2.4%	2.7%	3.3%
Inflation (CPI)	1.5%	1.9%	2.1%
Employment (Jobs)	2.3 mil.	2.6 mil.	2.6 mil.
Unemployment Rate	7.4%	6.2%	5.7%

W. P. Carey School of Business, ASU & Blue Chip Economic Indicators, Sept. 2014

### 3% GDP Growth? The Last Time GDP Grew By 3% Was 10 Years Ago!



#### U. S. Bureau of Economic Analysis

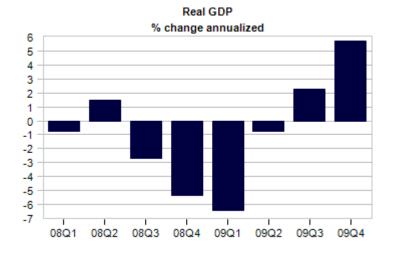
#### Can Anybody See What's Coming? Really?

#### **Statement: December 2007**

"To sum up the story on the outlook for real GDP growth, my own view is that, under appropriate monetary policy, the economy is still likely to achieve a relatively smooth adjustment path, with real GDP growth gradually returning to its roughly 2½ percent trend over the next year or so, and the unemployment rate rising only very gradually to just above its 4¾ percent sustainable level."



Janet Yellen Dec. 2007



GDP fell in five of the next six quarters and unemployment rose to 10 percent within two years

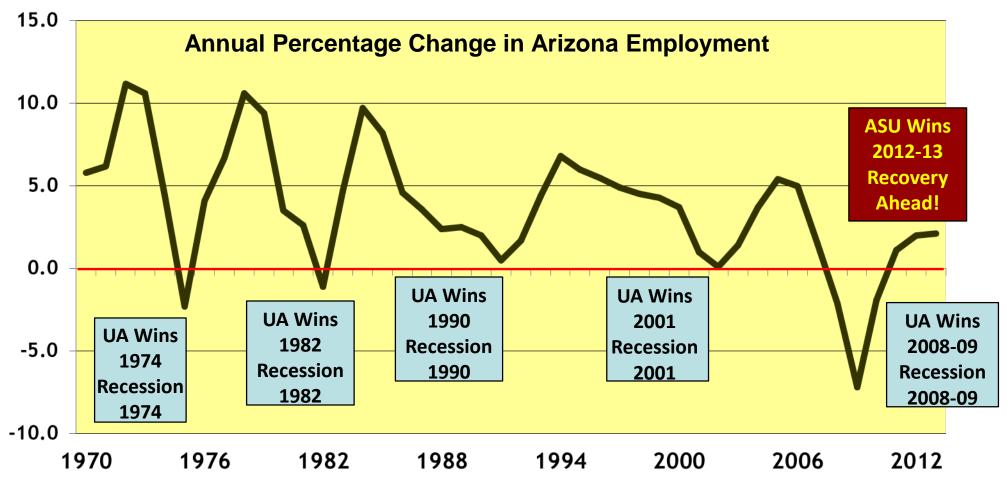
## Arizona Outlook

**Stronger gains** than the average state...but below the historical long term "normal" pace ...an economy still in recovery mode



#### Sharlot Hall Arizona Frontier Historian

#### Research Shows U of A Football Wins vs ASU Typically Associated With Arizona Recessions (Association May Not Necessarily Imply Causation)



W. P. Carey School of Business, ASU

# ARIZONA Economic Outlook



Arizona Indicators	2013	2014	2015
Employment (%)	2.1	2.2	2.5
Unemployment (%)	8.0	7.0	6.2
Population (%)	1.2	1.4	1.5
Single Family Permits	18,386	17,500	20,125

W. P. Carey School of Business, ASU, based on data available September, 2014

# **Prescott** Economic Outlook



Prescott Indicators	2013	2014	2015
Employment (%)	1.5	2.7	2.8
Unemployment (%)	8.1	6.5	6.0
Population (%)	1.2	1.4	1.5
Single Family Permits	841	925	1,020

W. P. Carey School of Business, ASU, based on data available September, 2014

## **Arizona Jobs Grow At Half Speed** 2 More Years to Regain 114,600 Lost Jobs

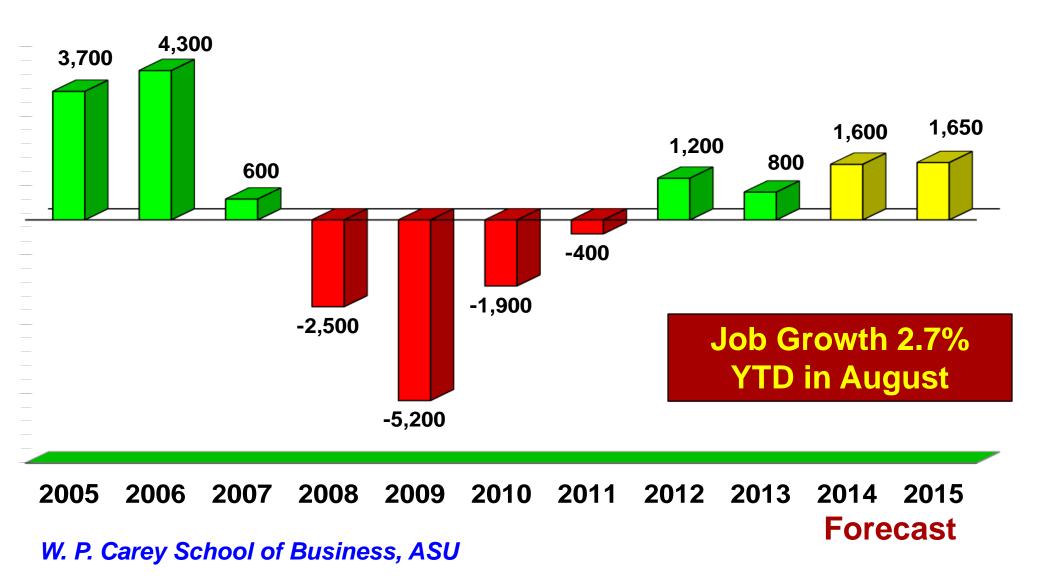
**Annual Employment Change** 



Arizona Department of Administration and W. P. Carey School of Business

### **Prescott Job Growth Improves in 2014**

**Annual Numeric Change In Prescott Employment** 



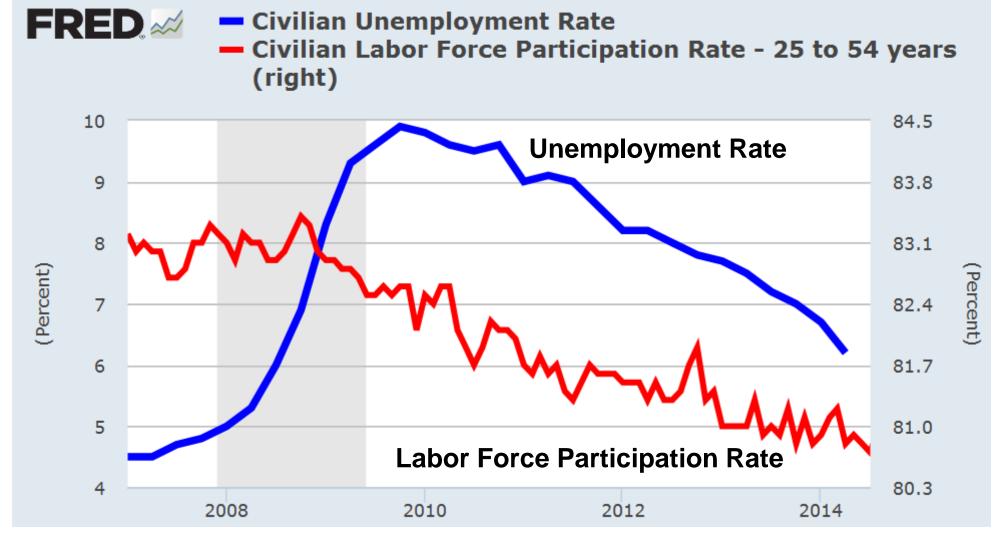
## Prescott Unemployment at 6.7%

Region	Aug. 2014	Aug. 2013
USA	6.1%	7.2%
Arizona	7.1%	8.1%
Phoenix Metro*	6.3%	7.3%
<b>Tucson Metro*</b>	6.6%	7.5%
<b>Prescott Metro*</b>	6.7%	8.1%

**US Bureau of Labor Statistics and AZ Dept of Administration** 

\* unemployment rate not seasonally adjusted

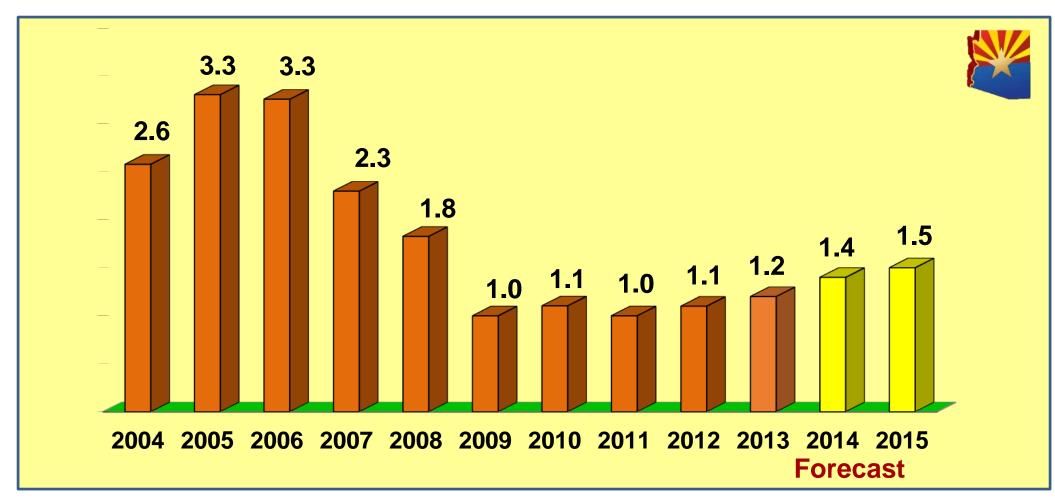
#### Unemployment Rate Falls If Workers Drop Out (U.S. Unemployment Rate vs. Participation Rate: <u>25 – 54 yrs</u>)



U. S. Bureau of Labor Statistics

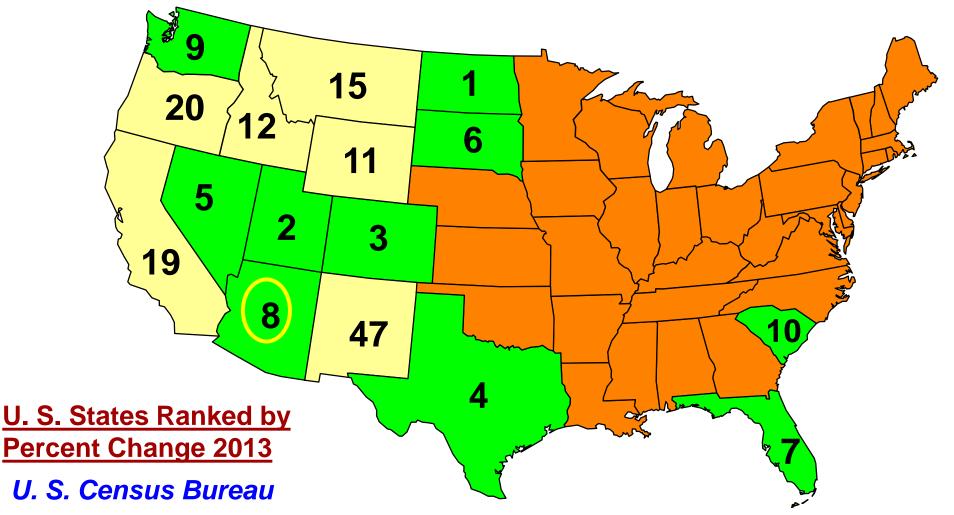
## 2014 Population Growth: 1.4% Not Enough for Robust Recovery

Annual Percent Change

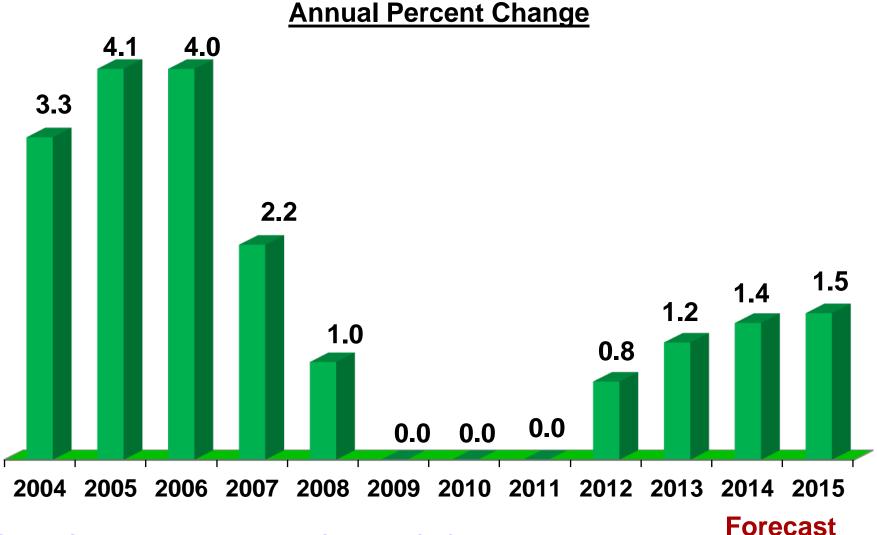


#### W. P. Carey School of Business, ASU & U. S. Census Bureau

## Arizona Ranked 8<sup>th</sup> (1.2%) in Population Growth in 2013

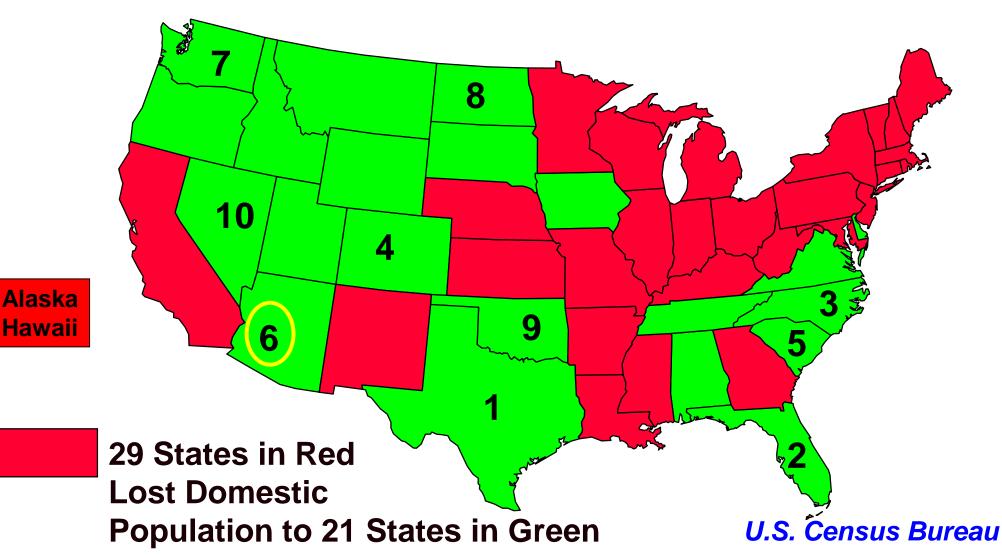


## **Prescott Population Growth: The Driver is Net Migration**



#### W. P. Carey School of Business, ASU & U. S. Census Bureau

## Arizona 6<sup>th</sup> in Domestic Migration In 2013 – Down from 3<sup>rd</sup> in 2012



## Phoenix 3<sup>rd</sup> as Domestic Migration Destination (Gained 96,000 in 2006)

<b>Top Ten Metro Destinations: 2013</b>		
1. Houston (55,620)	6. San Antonio (22,392)	
2. Dallas (32,641)	7. Charlotte (21,382)	
3. Phoenix (32,014)	8. Nashville (17,975)	
4. Denver (26,536)	9. Seattle (17,926)	
5. Austin (25,908	10. Orlando (17,316)	

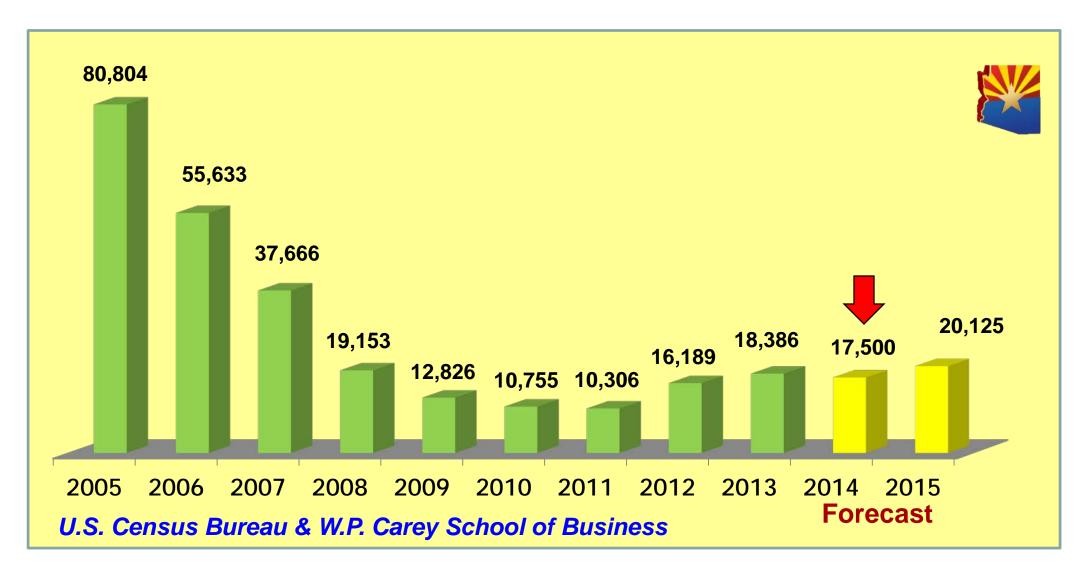
U. S. Census Bureau

## **Arizona Net Migration : 2013**

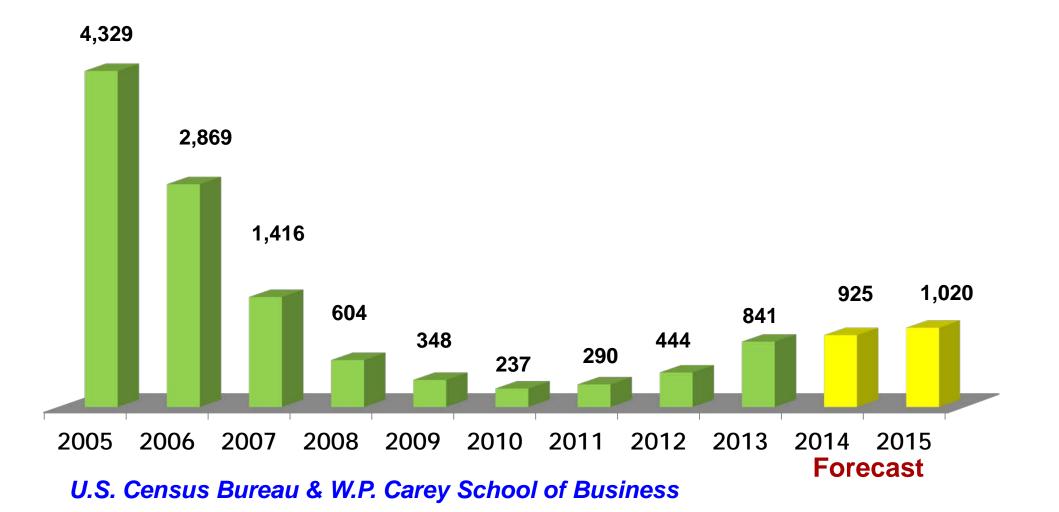
Metro	Total	Internat.	Domestic
Phoenix	40,451	8,437	32,014
Prescott	3,323	117	3,206
Tucson	774	1,754	-980
Lake Havasu	336	-1	337
Flagstaff	-342	72	-414
Yuma	-2,464	219	-2,683

U.S. Census Bureau & W.P. Carey School of Business

### **Arizona Home Building Slows Down** Single Family Permits Year-to-Date Down by 5%



### **Prescott Home Building Advances** Single Family Permits Year-to-Date Up By 11%



## **Millennials Replace Boomers**

- Age 19 37 today; 39 57 in 20 years
- A larger group (83 mil.) than Boomers
- Millennials will dominate economy as Boomer group shrinks over time



	2015 Age Py	ramid
75 - 79	3.4	4.4
70 - 74	5.0	6.0
65 - 69	7.3	8.3
60 - 54	9.0 Roomore F	1-69 (74M) <sup>9.8</sup>
55 - 59	10.5 BOOMers 5	11.1 11.1
50 - 54	11,0	11.4
45 - 49	10.4	10.5
40 - 44	10.1	10.1
35 - 39	10.4	10.2
30 - 34	11.1	10.8
25 - 29	11.3 Millennials	19-37 (83IVI) 10.9
20 - 24	11.2	10.7
15 - 19	10.4	9.9
10 - 14	10.7	10.3
05 - 09	11.0	10.6
00 - 04	11.4	10.9
Age	Men	Women

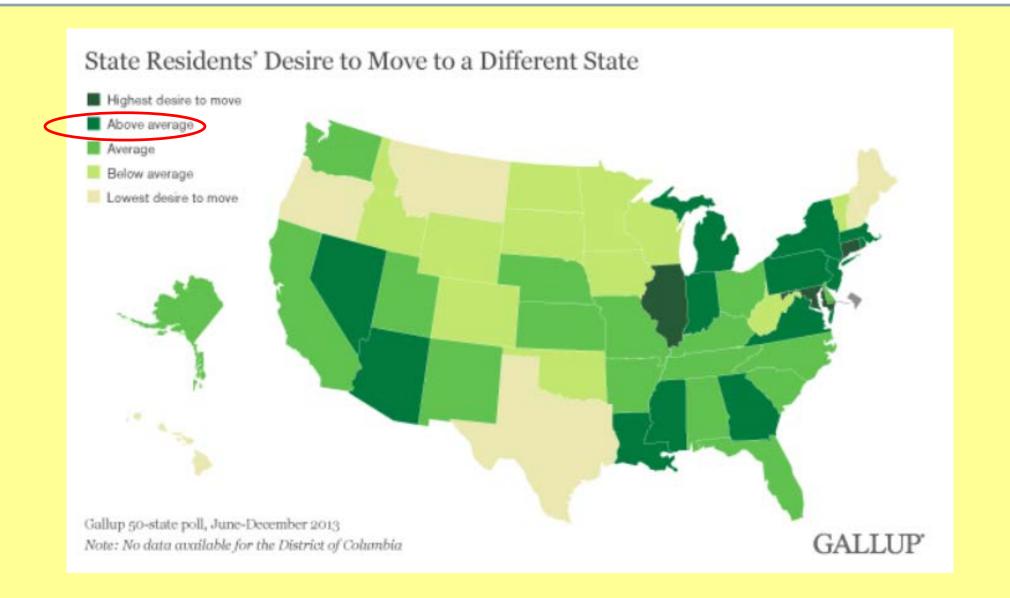
## **Millennials Leaving Prescott Area?**

#### 10 places millennials are leaving fastest

Population change from 2007-2013

COUNTY, STATE	CITY / NEARBY CITY	MILLENNIALS POPULATION*	CHANGE IN POPULATION OF MILLENNIALS
Fayette, Ga.	Atlanta	15,608	-31.1%
Citrus, Fla.	Homosassa Springs	16,847	-26.9%
El Dorado, Calif.	Sacramento	29,288	-24.8%
Yavapai, Ariz.	Prescott	30,989	-22.6%
St. Clair, Mich.	Detroit	27,670	-22.3%
Livingston, Mich.	Detroit	30,262	-20.4%
DeKalb, Ill.	Chicago	29,234	-20.2%
Monroe, Mich.	Monroe	27,133	-19.2%
Monroe, Pa.	East Stroudsburg	29,889	-18.6%
Orange, N.Y.	Poughkeepsie	72,552	-18.5%
*As of 2013			Source: RealtyTrac

## Many Arizonans Want to Move



Arizona Economic Outlook Summary

- 2014 better than most states but
   8<sup>th</sup> lean year of subpar Arizona growth
- Indicators show "not out of the woods"
- Still 2 3 years before full recovery
- Major risk is continued ineffective growth policies at national level

# Arizona Advantages for Economic Development

- Pro-growth economic setting
- Competitive tax structure
- Affordable space, labor, housing
- Relatively new infrastructure
- National brand needs tune-up

### Media Obsessed With Arizona

- MLK Day History
- Foreclosures
- Sale of State Buildings
- Fast & Furious
- Fiesta Bowl Politics
- Border Issues
- SB 1070 Publicity
- SB 1062 Backlash
- Can Super Bowl Help?





# So...what became of the wolf .... and the girl...

in the woods?



# All is Well that Ends Well...



# ECONOMIC UPDATE & OUTLOOK

#### Lee McPheters lee.mcpheters@asu.edu



#### ARIZONA STATE UNIVERSITY

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