



**Spears School
OF BUSINESS**

2012 Payne County Economic Outlook

by Dan Rickman

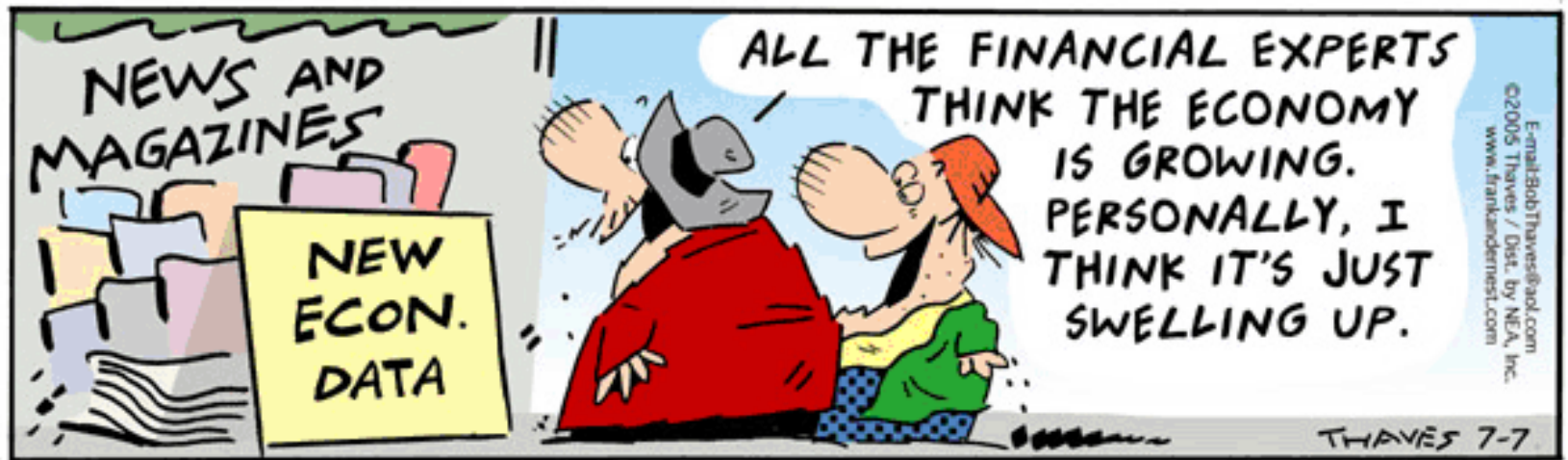
Regents Professor of Economics and Oklahoma Gas and
Electric Services Chair in Regional Economic Analysis



**Spears School
OF BUSINESS**

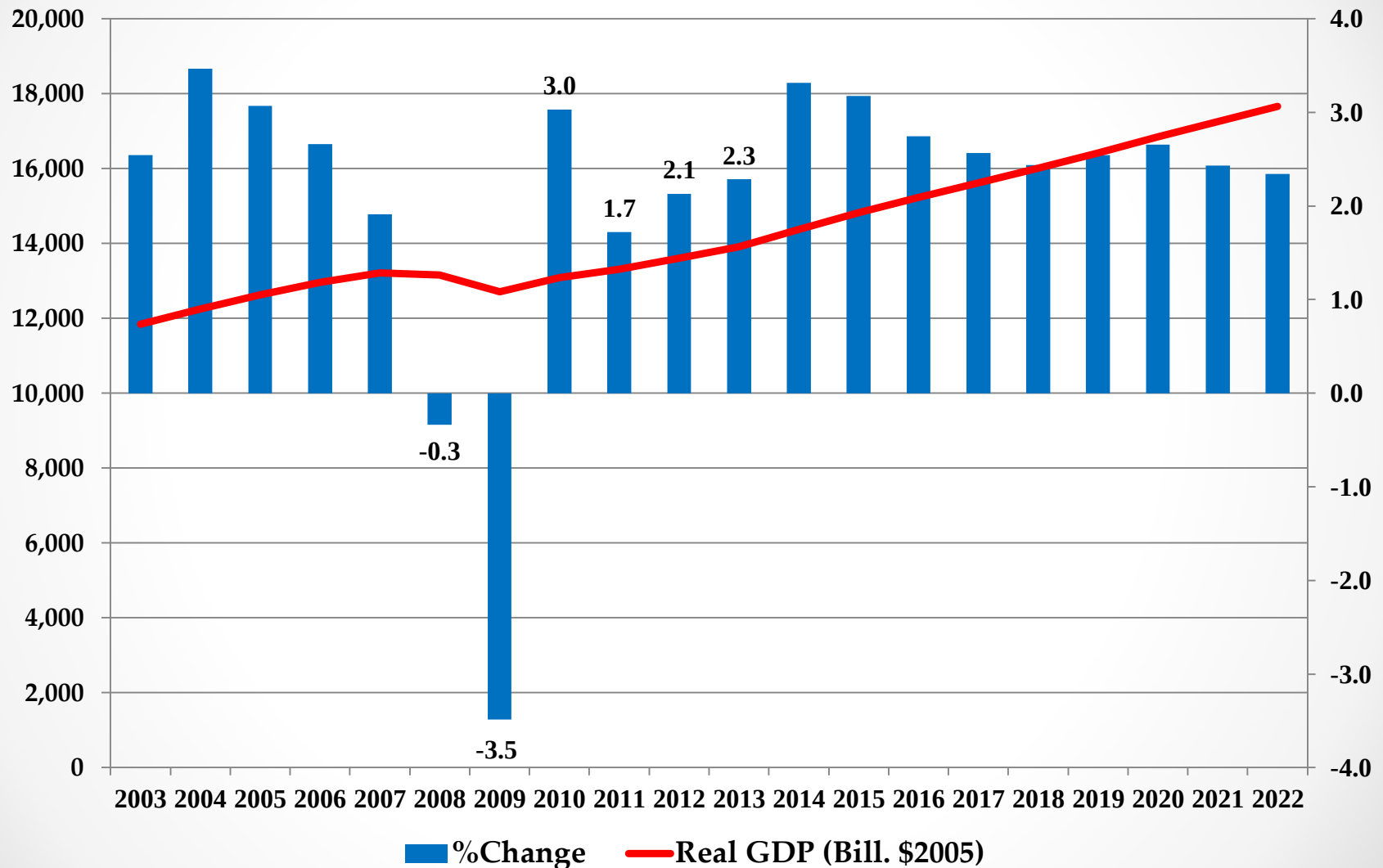
**Center for Applied
Economic Research**

<http://economy.okstate.edu/>

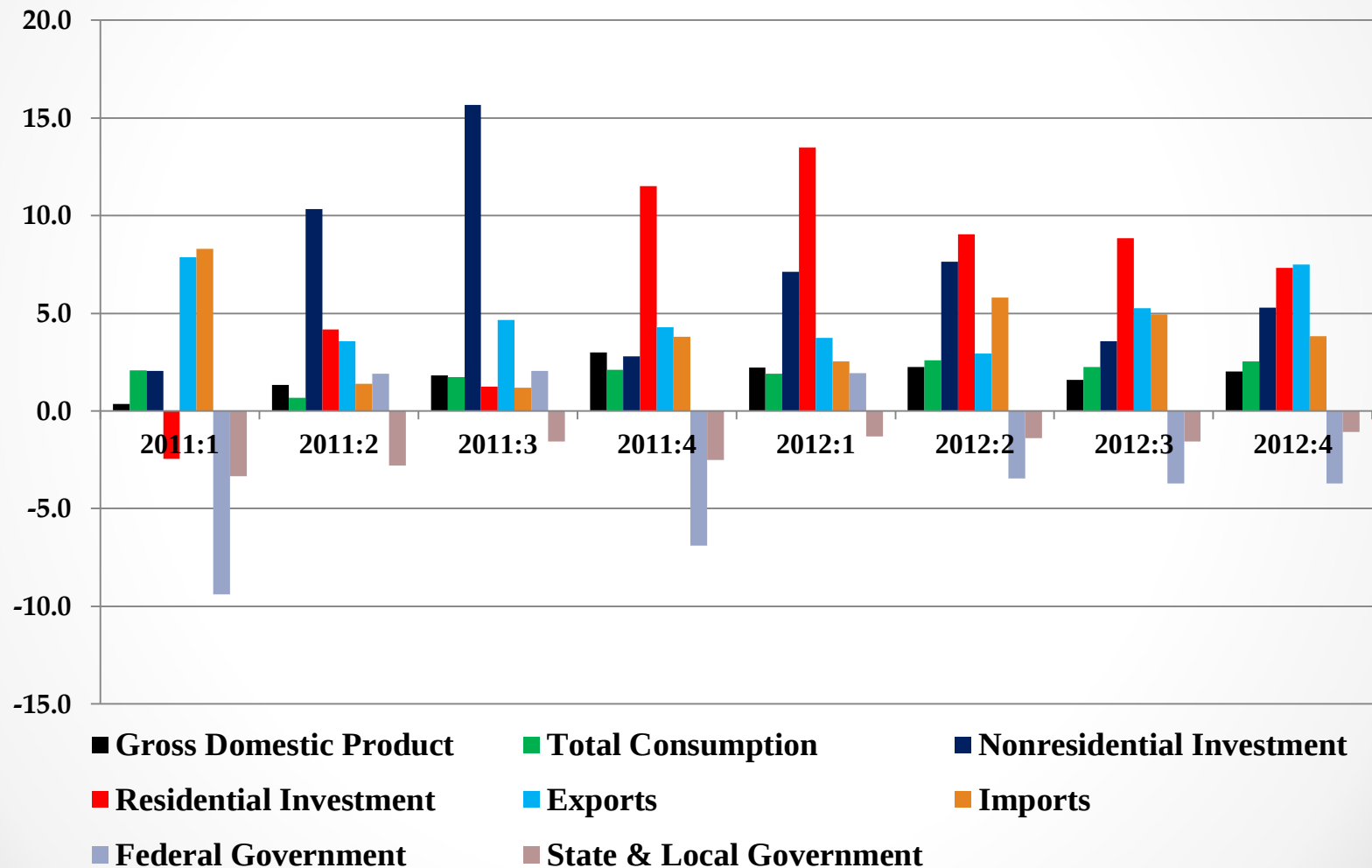


E-mail: BobThaves@aol.com
©2005 Thaves / Dist. by NEA, Inc.
www.frankandernest.com

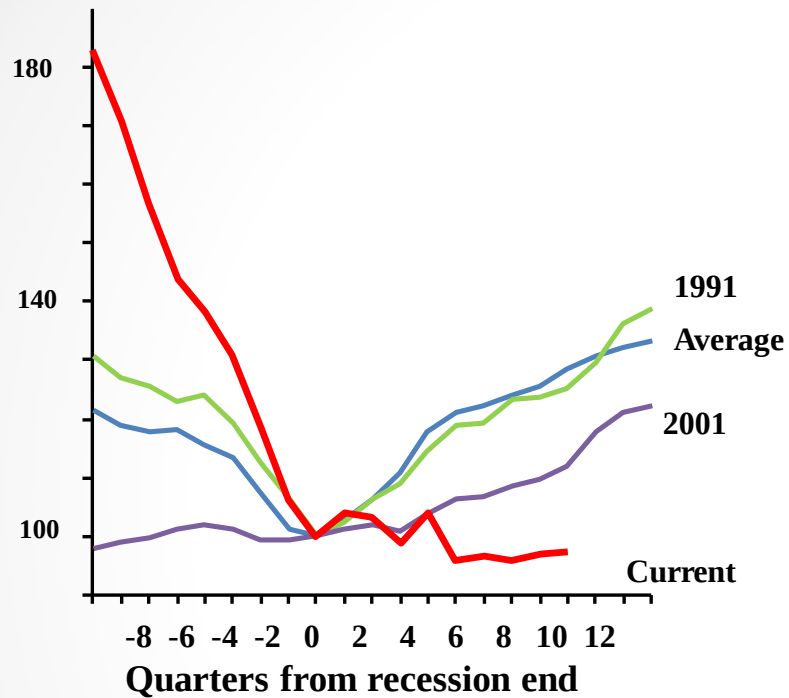
U.S. Real Gross Domestic Product: IHS Global Insight Forecast



Quarterly U.S. Real GDP Component Growth (% Annualized Growth Rates)

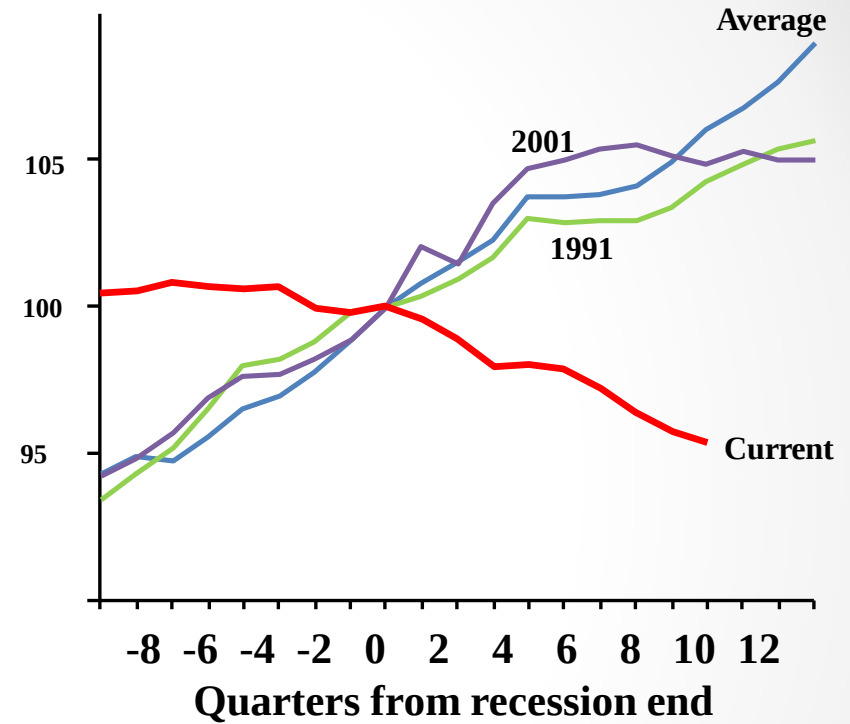


Residential Investment



Recession Trough=100

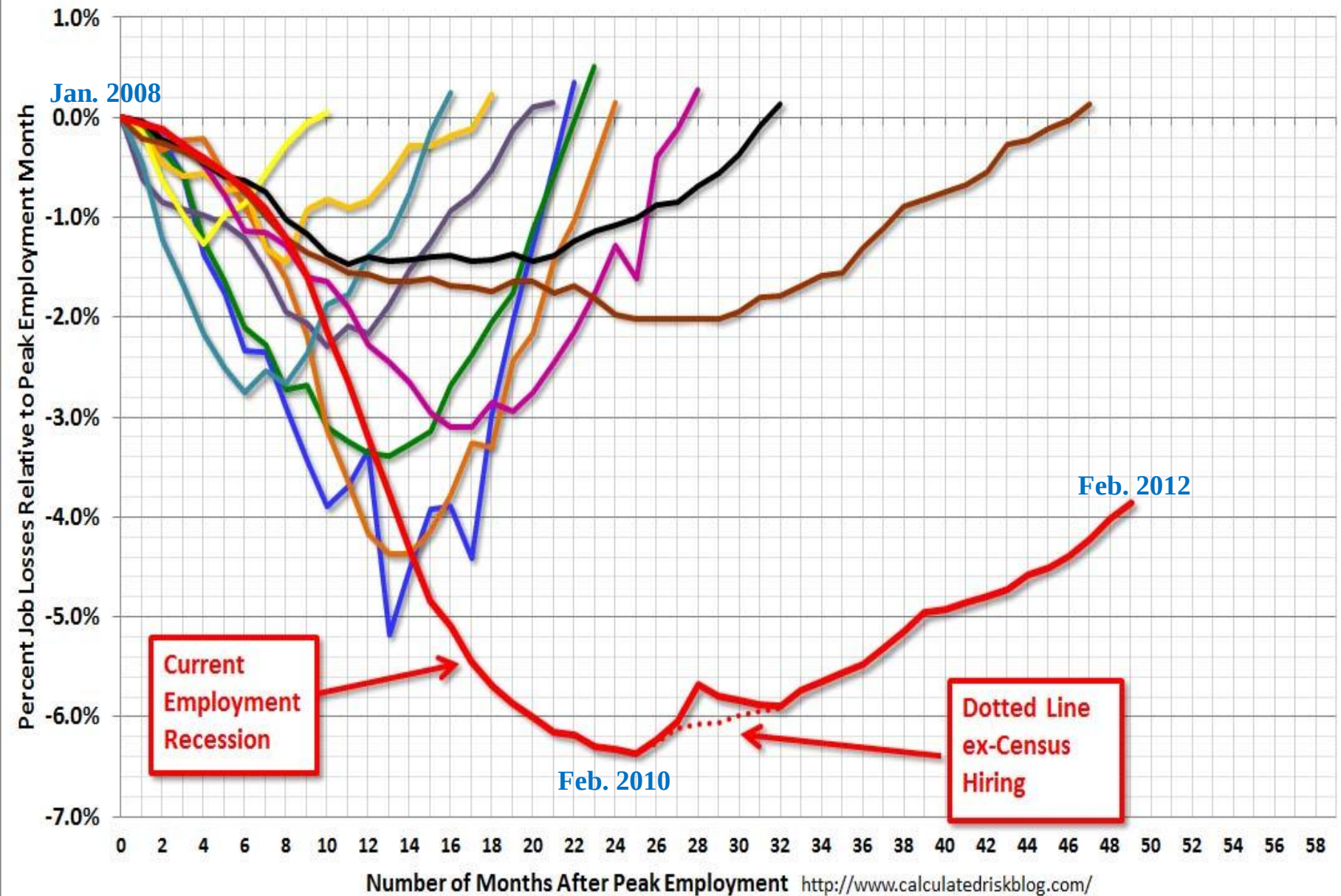
State and Local Government



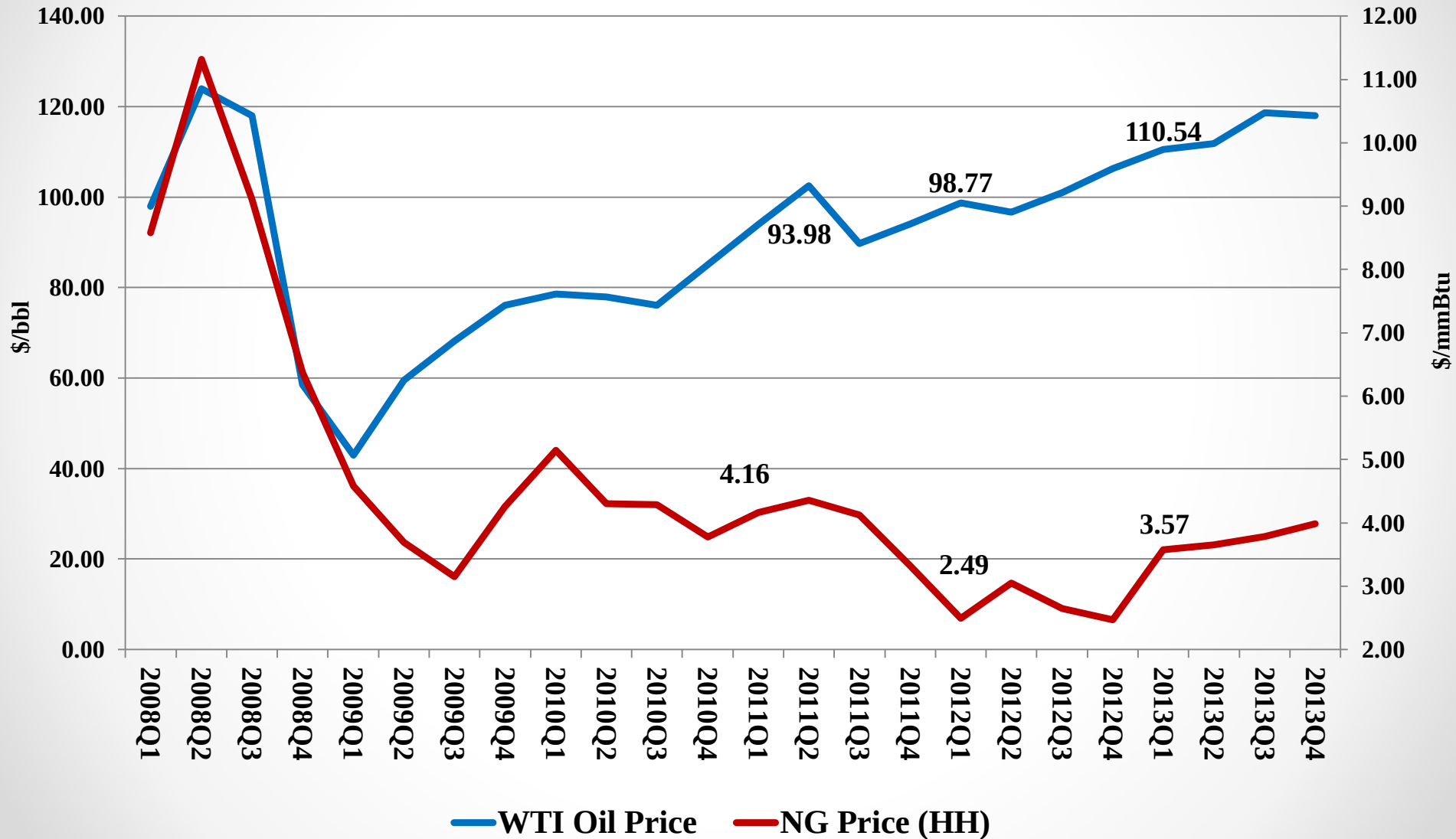
Source: "Housing, Monetary Policy, and the Recovery," Feroli, Harris, Sufi and West (2012)

Percent Job Losses in Post WWII Recessions

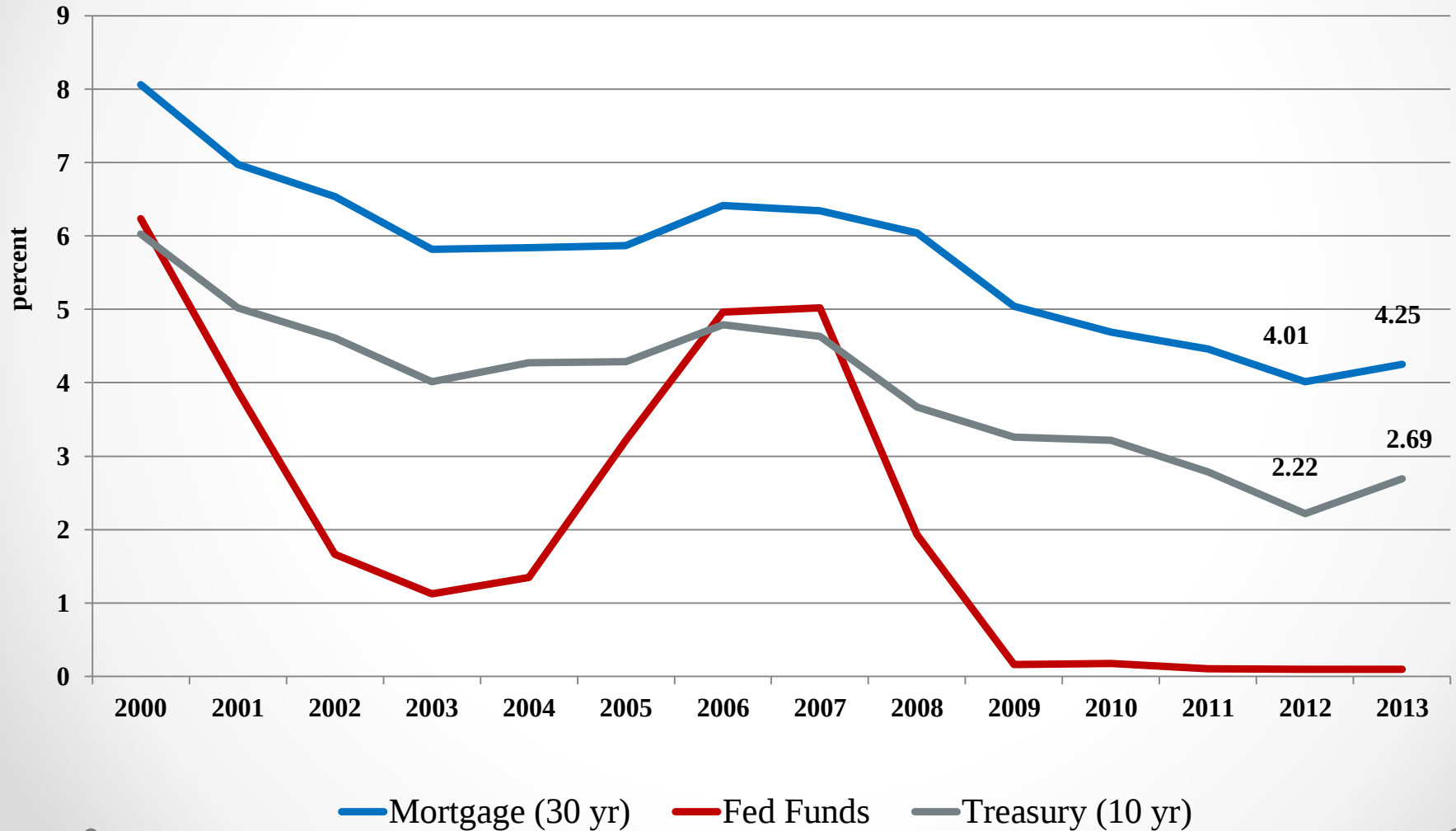
1948 1953 1957 1960 1969 1974 1980 1981 1990 2001 2007



Energy Prices (IHS Global Insight, Inc.)



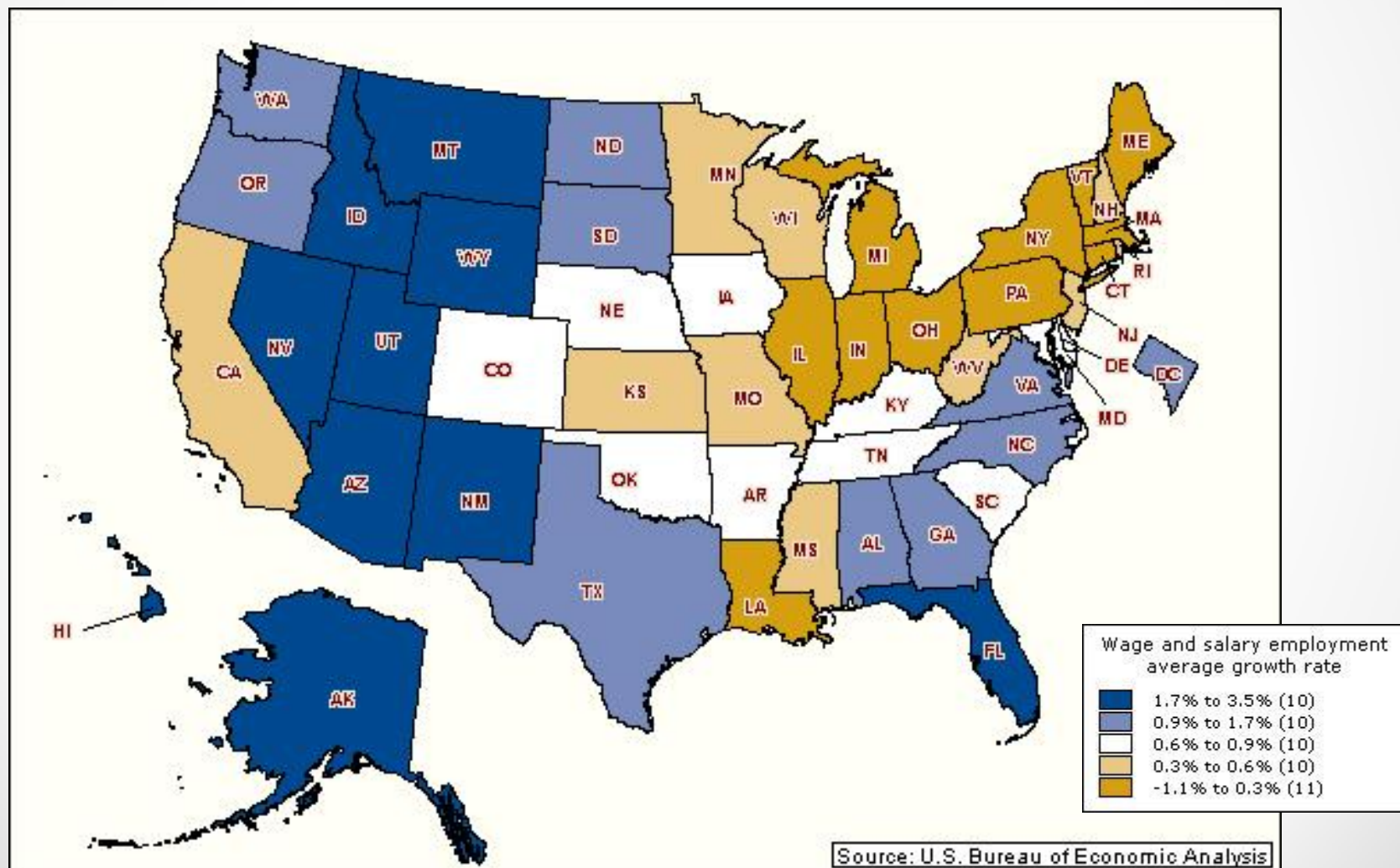
Interest Rates (IHS Global Insight, Inc.)



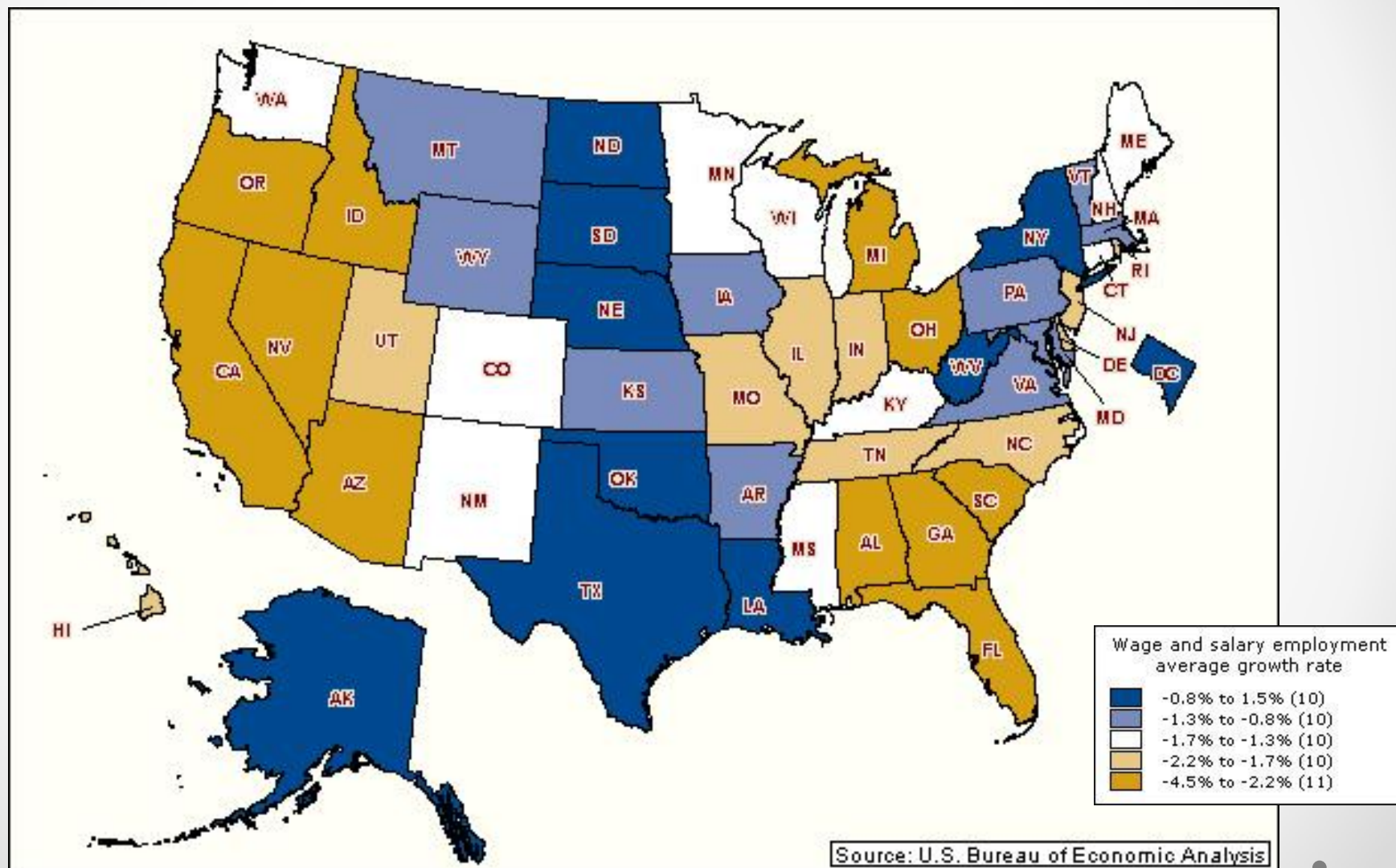
Caveats (IHS Global Insight, Inc.)

- expect the payroll tax cut extension to be carried through for all of 2012
- risk of slowing of growth in China
- risk of rising gasoline prices (effect depends on whether it is demand or supply driven); a \$10 per barrel supply-induced increase in oil prices is estimated to reduce GDP growth by 0.2 percentage points in year 1 and .5 percentage points in year 2
- key recession risk remains the threat from the Eurozone
- European Central Bank's Long-Term Refinancing Operation has pumped liquidity into the system and has reduced the risks of a major banking crisis
- US recession risk reduced further to 25%, from 30% (began year at 40%)

State Employment Growth (Wage and Salary): 2001-2007



State Employment Growth (Wage and Salary): 2007-2010



State Wage and Salary Employment Growth (BEA)

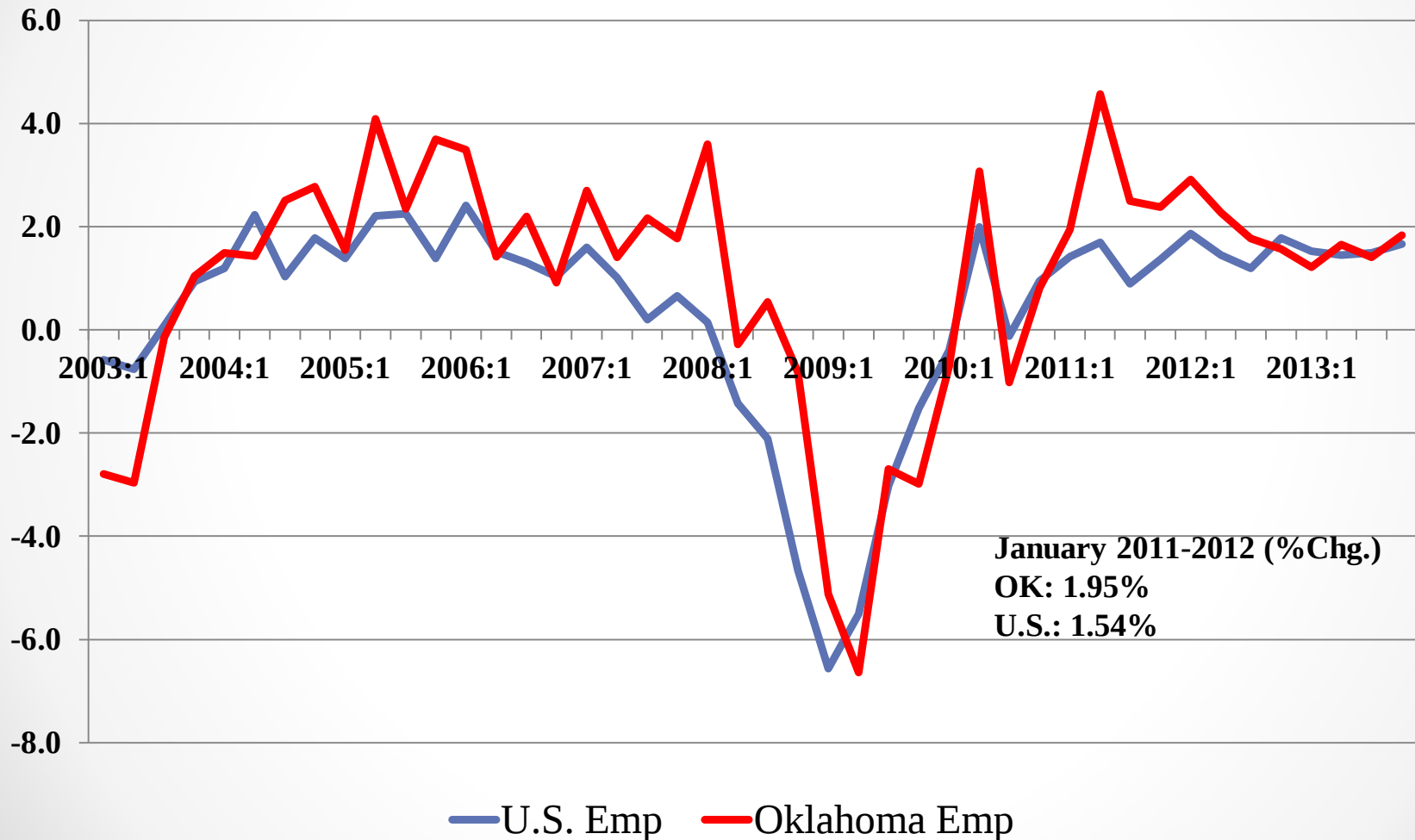
		2001-2007 (%chg)			2007-2010 (%chg)
1	Nevada	23.3	1	North Dakota	4.6
2	Arizona	18.2	2	Alaska	1.7
3	Wyoming	16.2	3	South Dakota	0.0
4	Utah	15.9	4	Texas	-0.4
5	Idaho	14.9	5	Louisiana	-1.3
23	Oklahoma	4.6	8	Oklahoma	-2.2
46	Louisiana	0.1	46	Idaho	-8.0
47	Illinois	-0.1	47	Michigan	-9.6
48	Massachusetts	-1.5	48	Florida	-9.9
49	Ohio	-1.9	49	Arizona	-10.6
50	Michigan	-6.3	50	Nevada	-13.0

Explaining State Employment Growth Differences

	REGRESSIONS	
	2001-2007	2007-2010
Natural Amenity Ranking	Sig. positive (+3.7%)	Sig. negative (-1.0%)
Energy State	0	Sig. positive (+3.4%)
Farm State	Sig. positive (+4.9%)	Sig. positive (+2.6%)
Manufacturing State	0	Sig. negative (-2.8%)
Construction Employment 2002-2006 (%chg)	NA	Sig. negative [+0.7,-3.1]
R-Squared	0.51	0.66

Energy:	AK, CO, LA, MT, ND, OK, TX, WV, WY
Farm:	IA, MT, NE, ND, SD
Manufacturing:	IL, IN, MI, OH, PA, WI

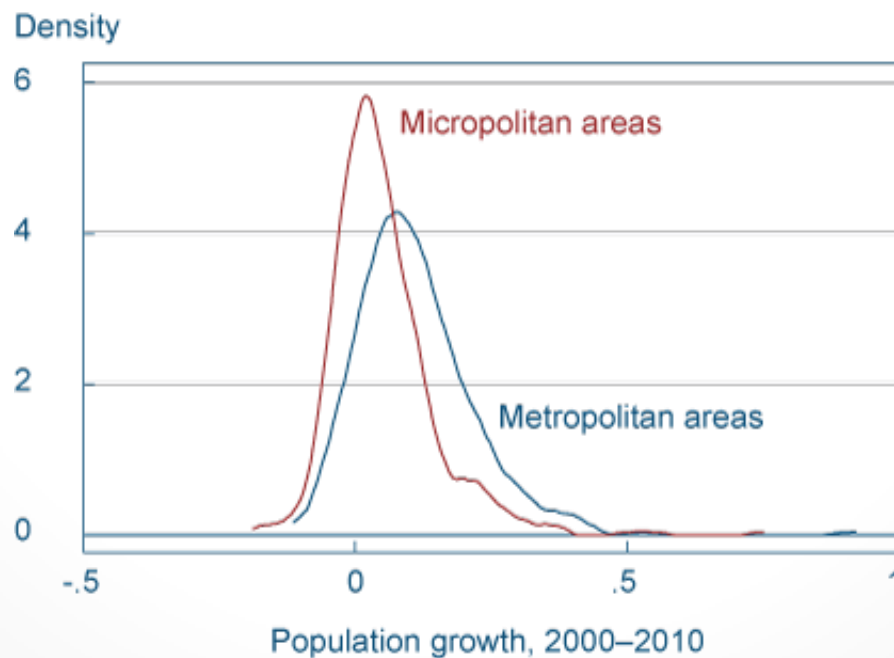
Quarterly U.S. and Oklahoma Nonfarm Employment Growth 2003Q1-2013Q4: (Seasonally-Adjusted Annualized Percent Change)



Area	Population: 2010	%Growth (2000-2010)
United States	308,745,538	9.7
Metropolitan	258,317,763	10.8
Micropolitan	30,943,552	5.9
Rural (non-core)	19,484,223	1.8

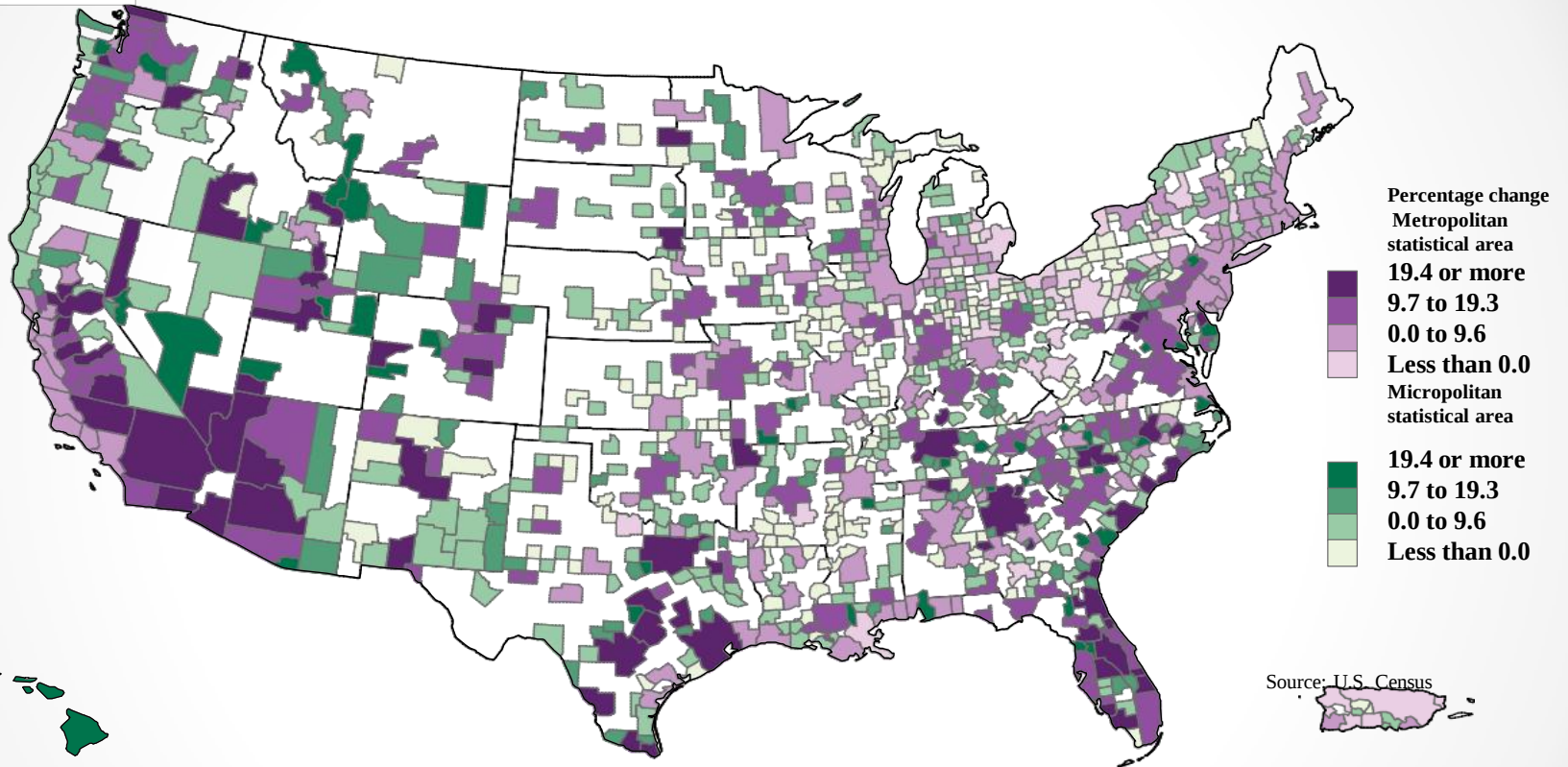
Source: U.S. Census Bureau
"Population Distribution and
Change 2000 to 2010"

Population Growth Distributions: 2000–2010



Federal Reserve Bank of
Cleveland (*Economic Trends*,
June 2, 2011)

Percentage Change in Metropolitan and Micropolitan Statistical Area Population: 2000 to 2010

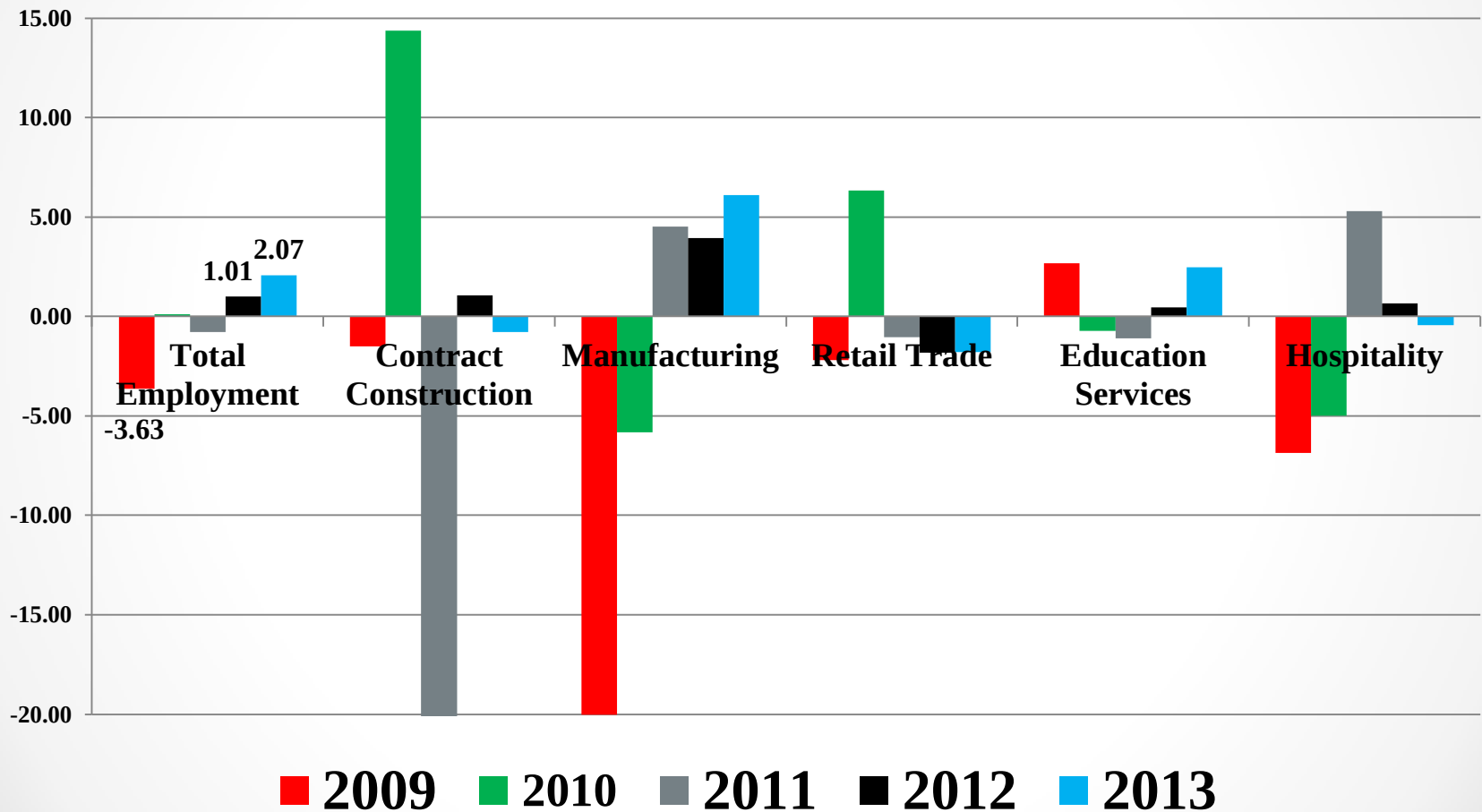


Source: Census Bureau "Population Distribution and Change 2000 to 2010"

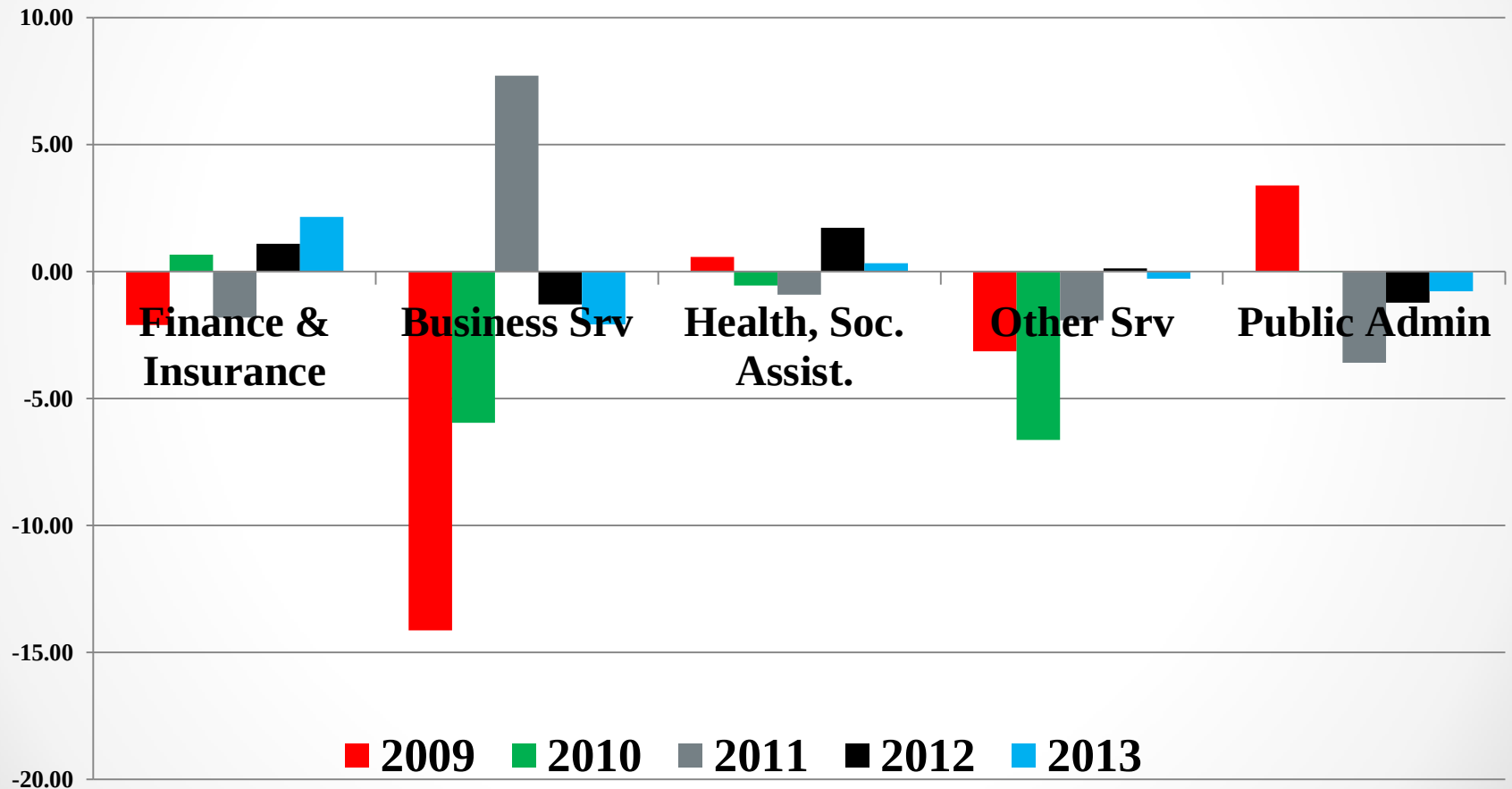
Rank	Micropolitan Area	2010 Pop.	%Chg. (2000-2010)
1	The Villages, FL	93,420	75.1
2	Heber, UT	23,530	54.7
3	Fernley, NV	51,980	50.7
4	Gillette, WY	46,133	36.9
5	Cedar City, UT	46,163	36.7
6	Culpeper, VA	46,689	36.3
7	Pahrump, NV	43,946	35.3
8	Hilton Head Island-Beaufort, SC	187,010	32.1
9	Bozeman, MT	89,513	32.0
10	Statesville-Mooresville, NC	159,437	30.0
11	Daphne-Fairhope-Foley, AL	182,265	29.8
12	Jackson, WY-ID	31,464	29.7
13	Rexburg, ID	50,778	29.3
14	Vernal, UT	32,588	29.2
15	Fort Leonard Wood, MO	52,274	27.0
76	Stillwater, OK	77,350	13.4
562	El Dorado, AR	41,639	-8.7
563	Camden, AR	31,488	-8.8
564	Wahpeton, ND-MN	22,897	-8.9
565	St. Marys, PA	31,946	-9.0
566	Garden City, KS	36,776	-9.2
567	Bastrop, LA	27,979	-9.8
568	Blytheville, AR	46,480	-10.6
569	Tuskegee, AL	21,452	-11.0
570	Greenwood, MS	42,914	-11.9
571	Tallulah, LA	12,093	-11.9
572	Indianola, MS	29,450	-14.3
573	Clarksdale, MS	26,151	-14.6
574	Cleveland, MS	34,145	-16.0
575	Helena-West Helena, AR	21,757	-17.7
576	Greenville, MS	51,137	-18.8

Rank	Micropolitan Area	2010 Pop.	%Chg. (2000-2010)
58	Durant	42,416	16.1
76	Stillwater	77,350	13.4
100	Elk City	22,119	11.7
117	Tahlequah	46,987	10.5
156	Woodward	20,081	8.6
193	Ada	37,492	6.7
212	Shawnee	69,442	6.0
234	Weatherford	27,469	5.1
245	Enid	60,580	4.8
248	Ardmore	56,980	4.6
260	Duncan	45,048	4.3
262	McAlester	45,837	4.3
275	Bartlesville	50,976	4.0
320	Guymon	20,640	2.7
335	Muskogee	70,990	2.2
500	Ponca City	46,562	-3.2
517	Miami	31,848	-4.1
555	Altus	26,446	-7.0
Rank	Metropolitan Area	2010 Pop.	%Chg. (2000-2010)
114	Oklahoma City	1,252,987	14.4
187	Fort Smith	298,592	9.3
197	Tulsa	937,478	9.1
216	Lawton	124,098	7.9

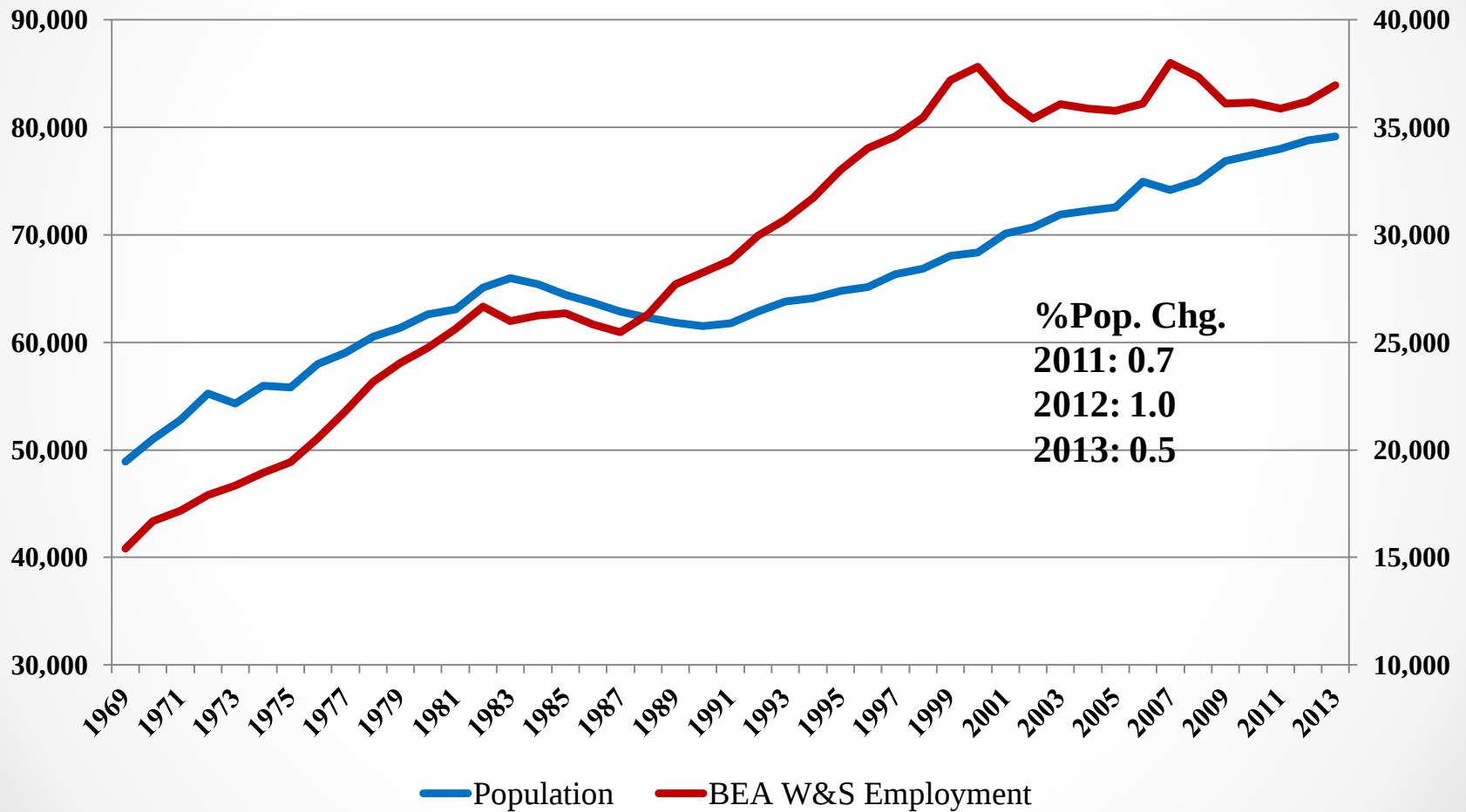
Payne County QCEW Employment Growth



Payne County QCEW Employment Growth

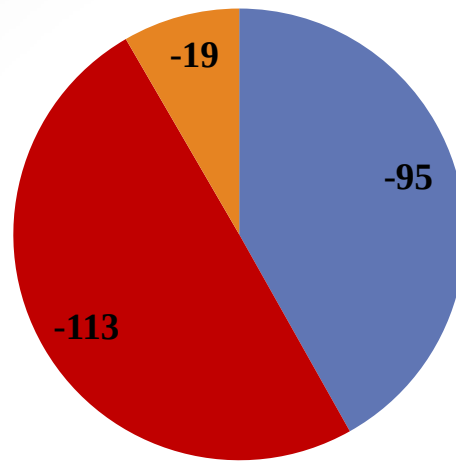


Payne County Population



Payne County Net-Migration: 2009-2010

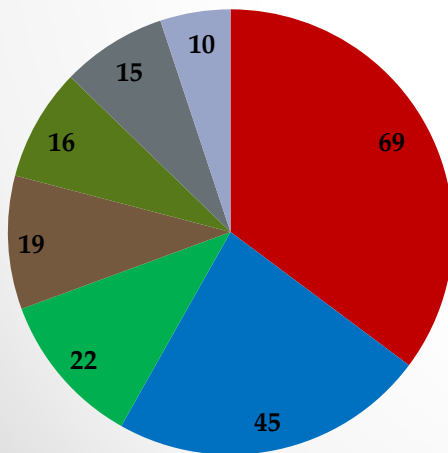
Source: IRS
Statistics of Income



- Payne County Tot Mig-Same St
- Payne County Tot Mig-Diff St
- Payne County Tot Mig-Foreign

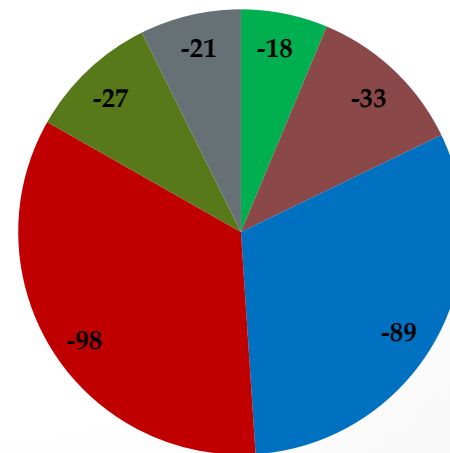
Total: -227

Common Sources of In-migrants



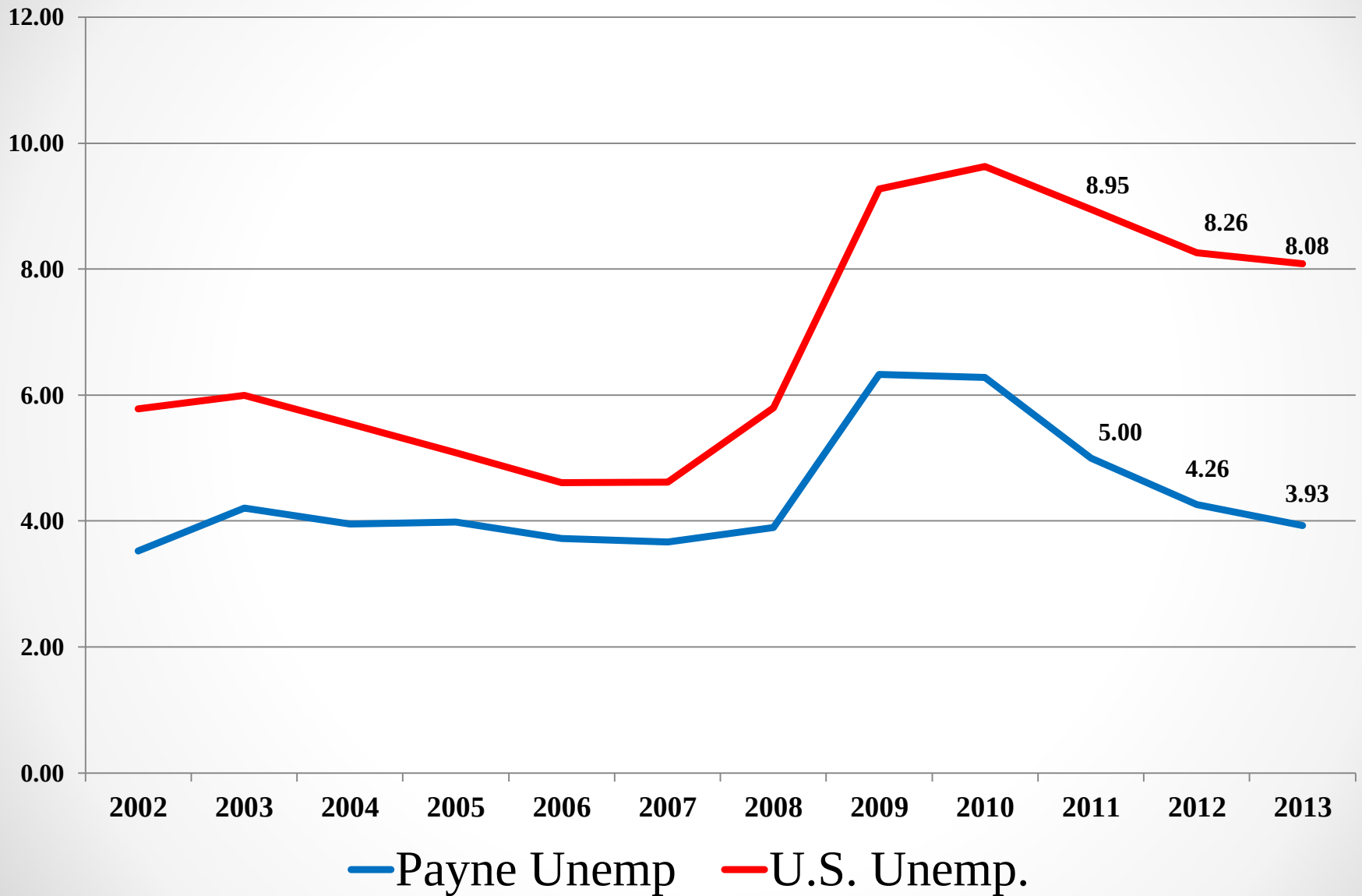
- Kay County
- Garfield County
- Logan County
- Rogers County
- Pottawatomie County
- Noble County
- Creek County

Common Destinations of Out-migrants

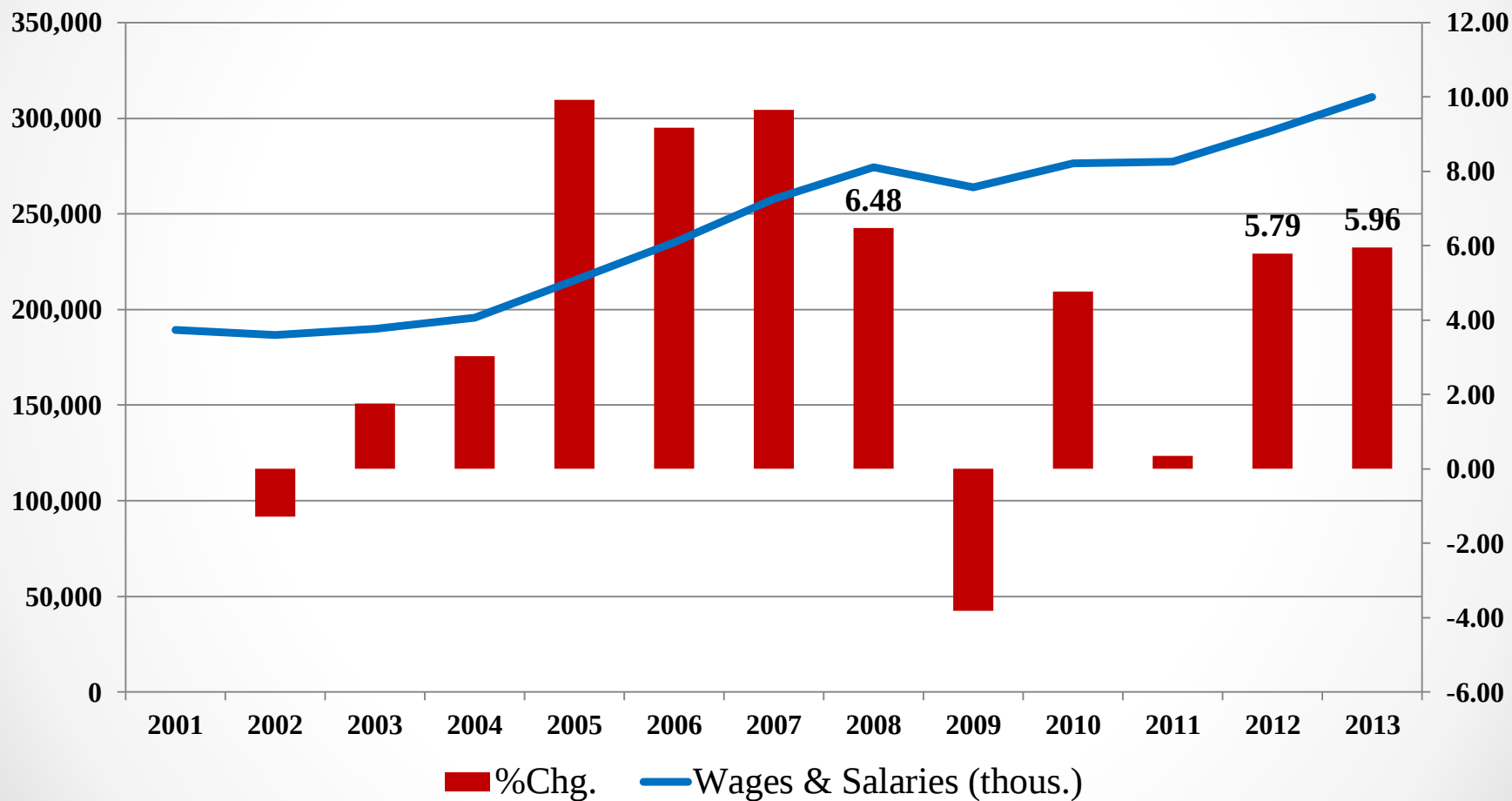


- Cleveland County
- Pawnee County
- Tulsa County
- Oklahoma County
- Washington
- Wagoner

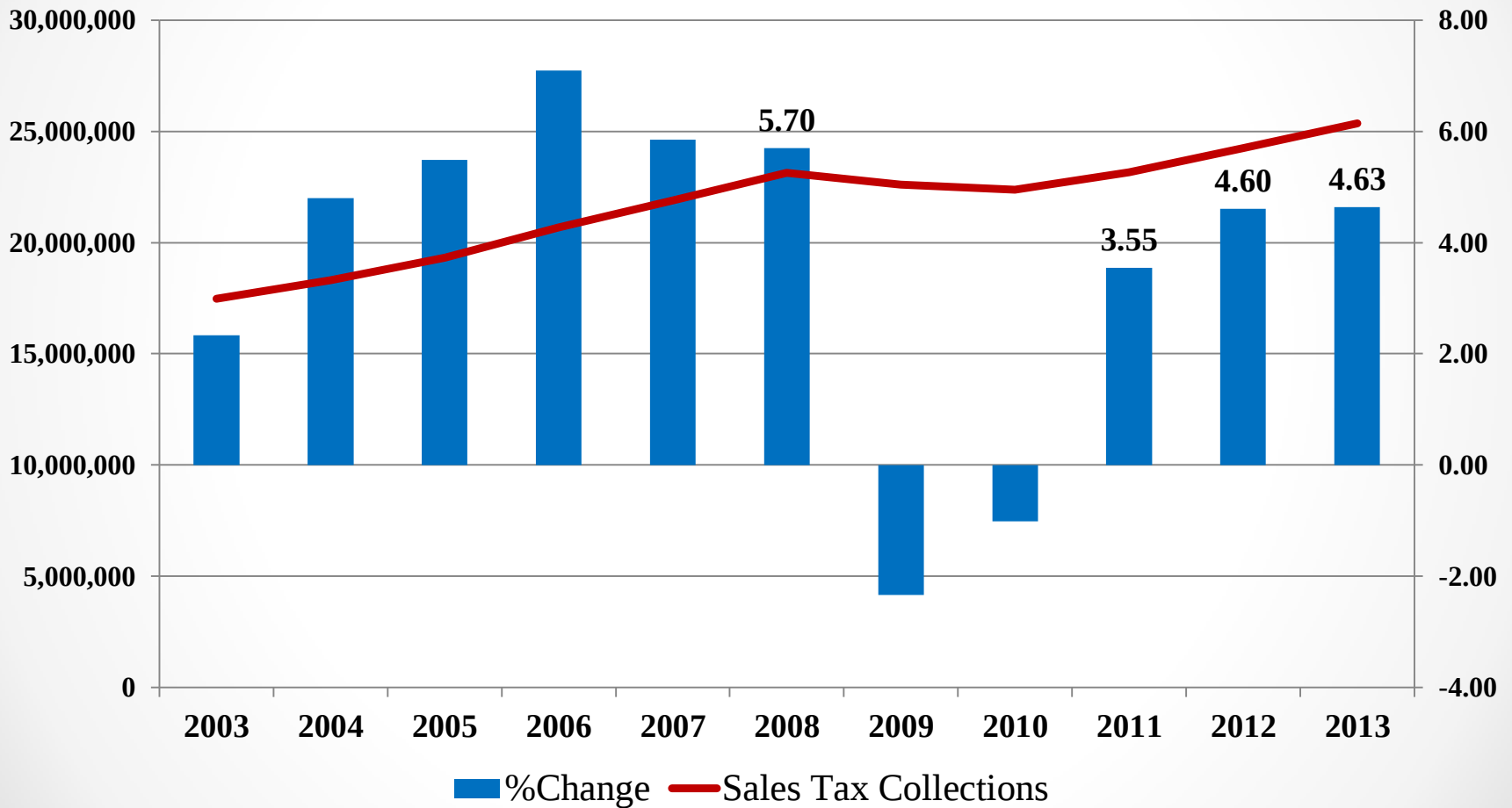
Annual Average Unemployment Rates (Percent)



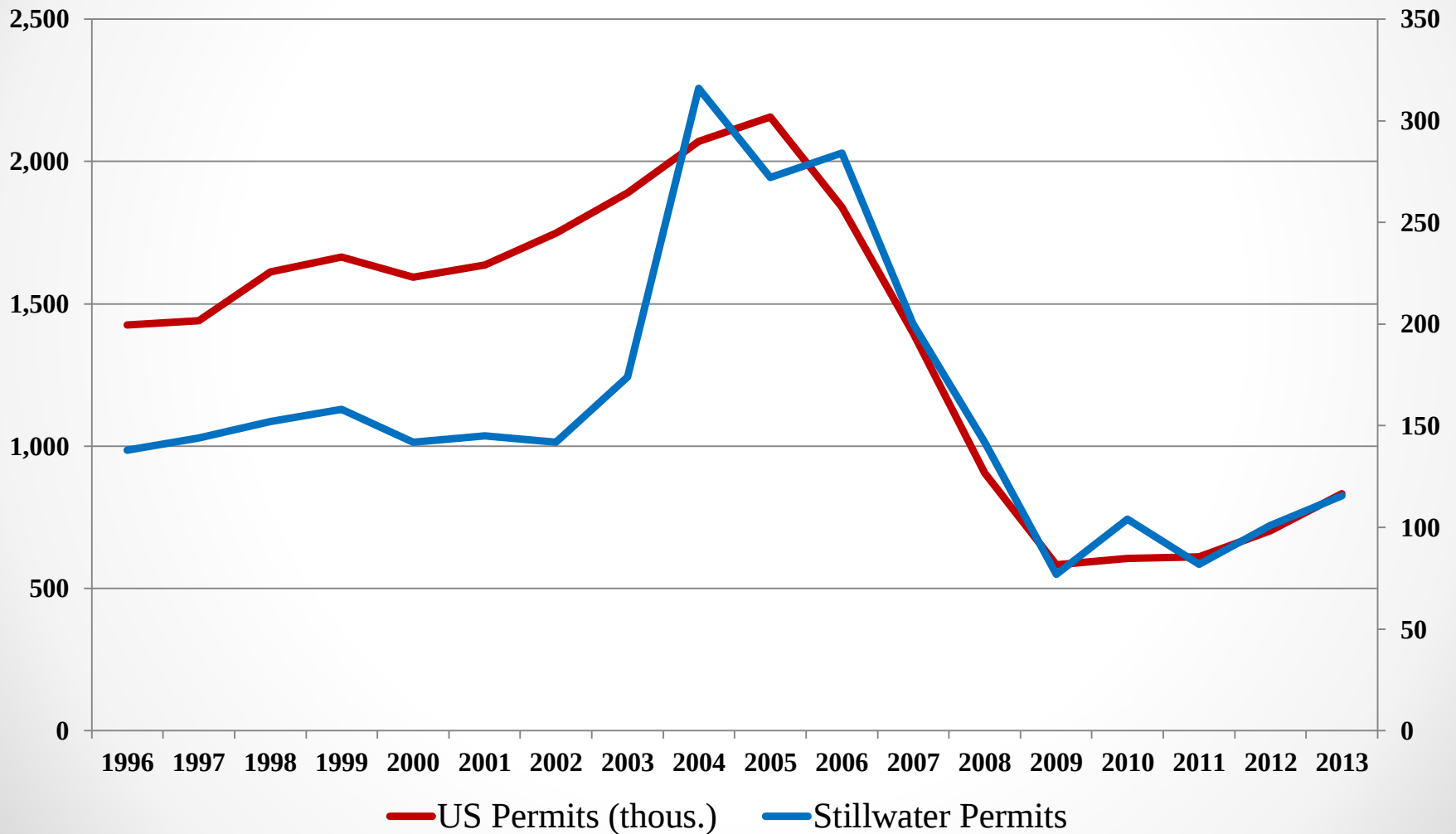
Payne County Total Wages



Stillwater City Sales Tax Collections



Stillwater City Census Building Permits (Buildings)



Thank you for your attention