

# State of the State's Economy

*Presented by*

**Washington State  
Employment Security Department**

Labor Market and Economic Analysis

**Dave Wallace, Acting Chief Economist**  
Spokane, Eastern Washington University Riverpoint Campus  
May 20, 2011

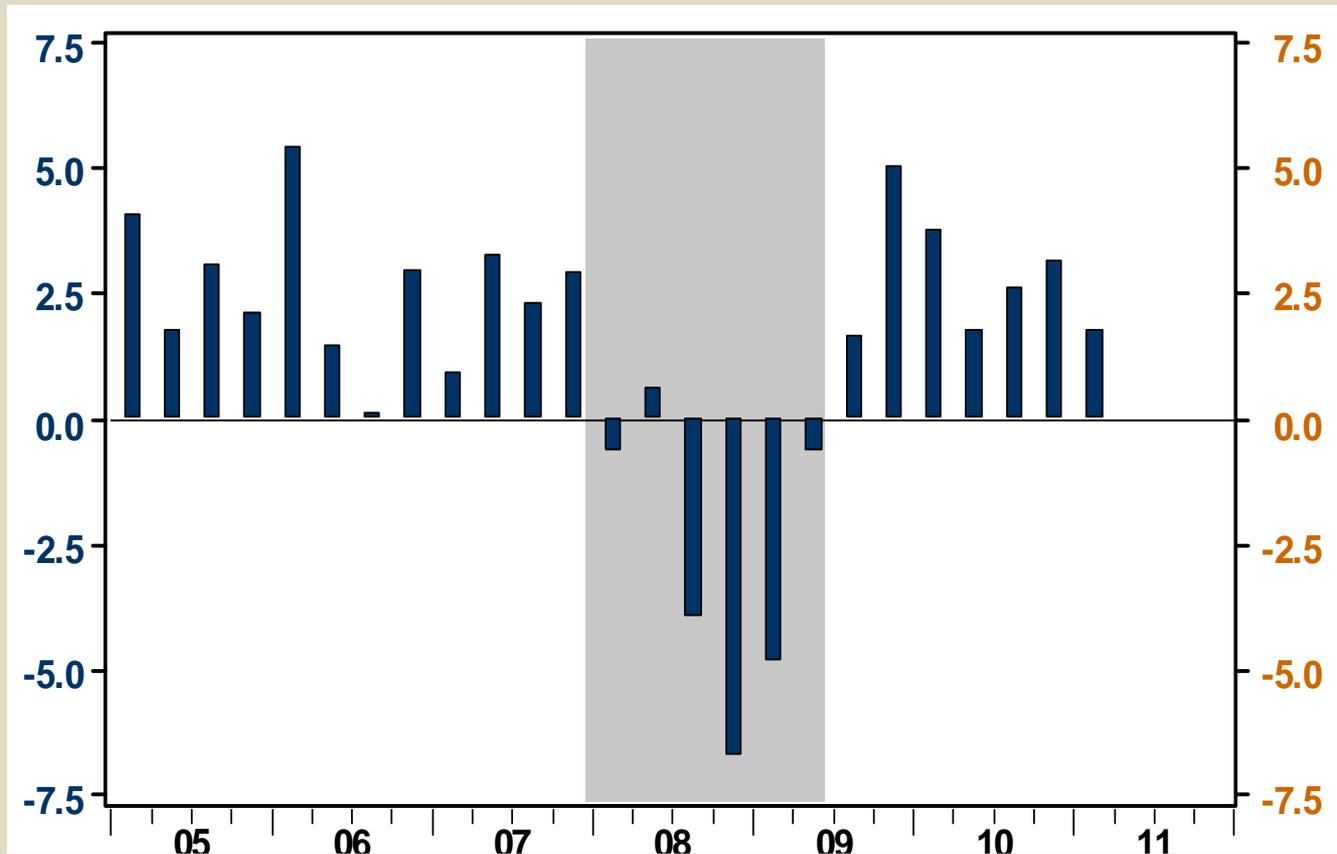
**Washington State  
Employment Security Department**



Labor Market and Economic Analysis

# Real Growth in Gross Domestic Product

## Seasonally Adjusted Annual Rate



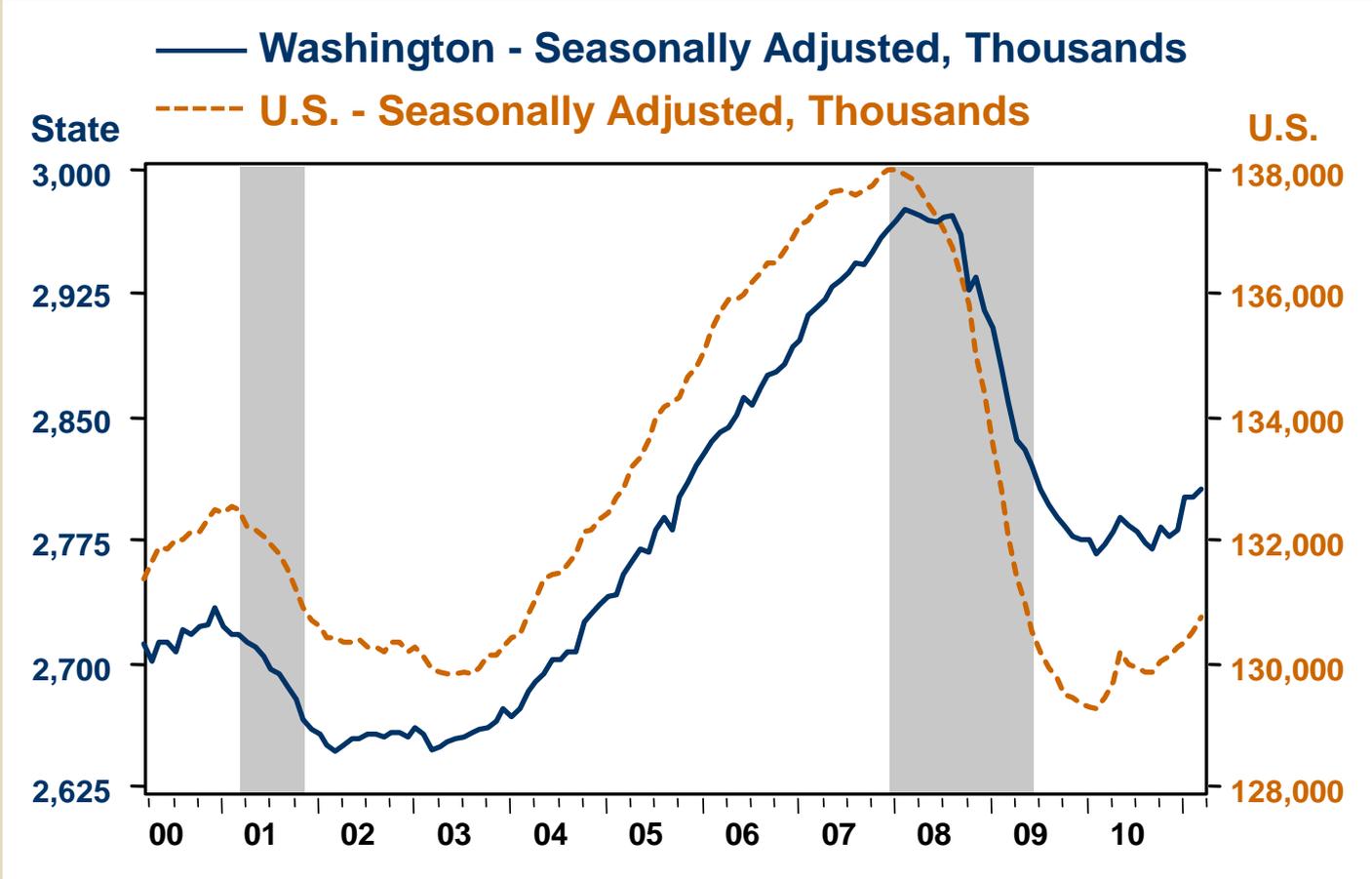
Source: Bureau of Economic Analysis/Haver Analytics/  
Employment Security Department/LMEA

Washington State  
Employment Security Department

Labor Market and Economic Analysis



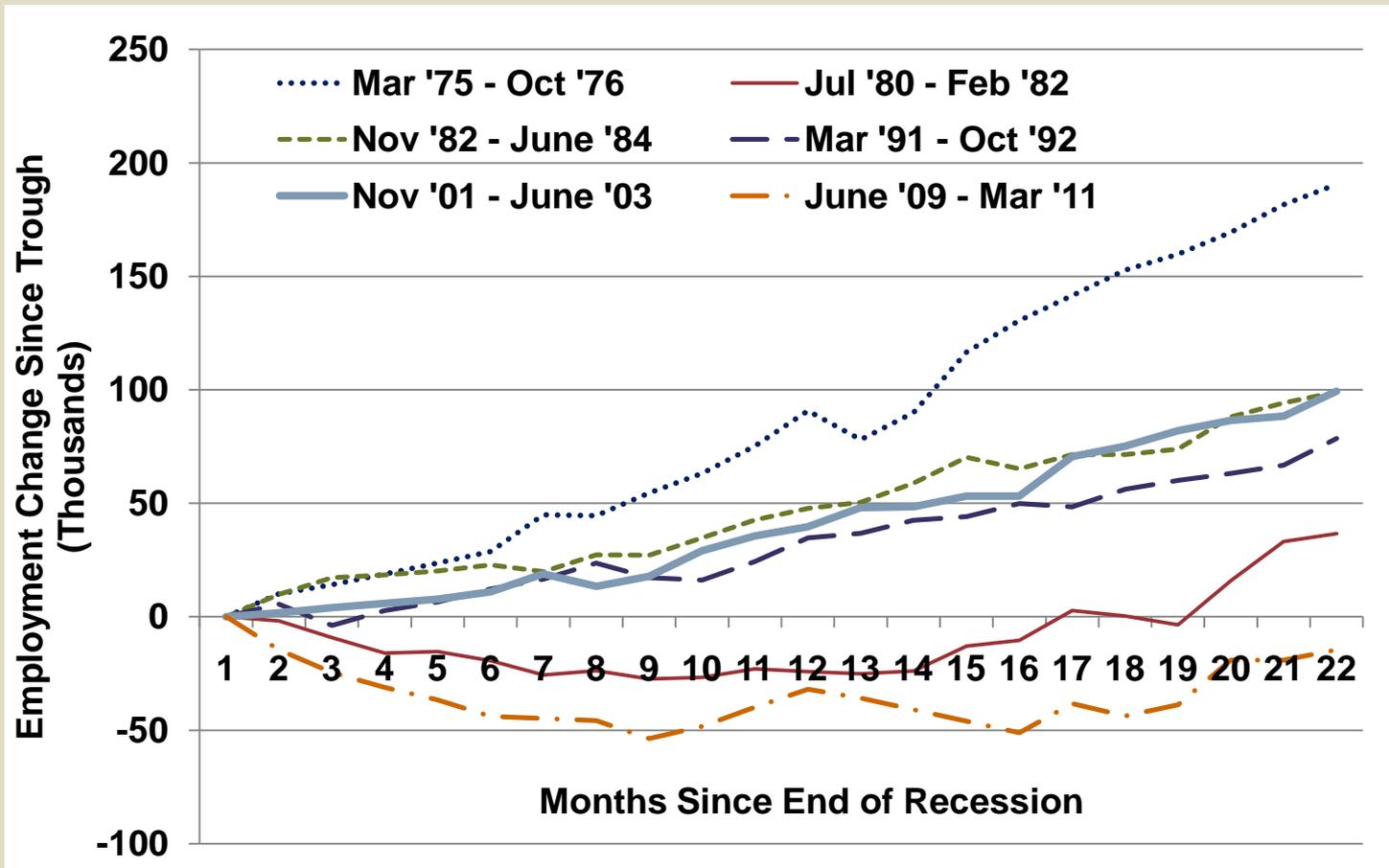
# Nonfarm Employment, Washington State and U.S.



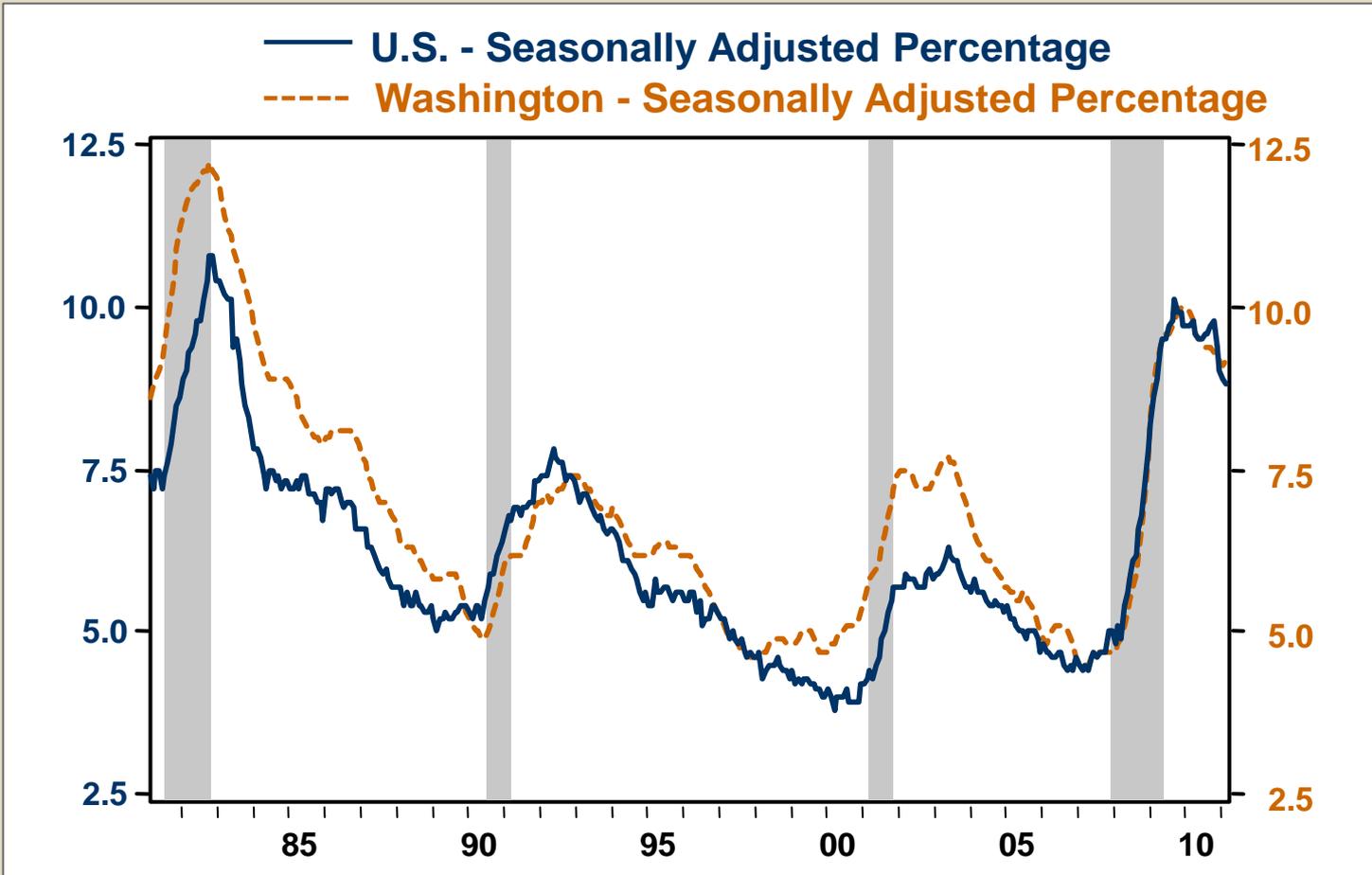
Source: Bureau of Labor Statistics/Haver Analytics/  
 Employment Security Department/LMEA



# Comparing Washington Recoveries: Employment Change Since Trough



# Historical Unemployment Rates, Washington State and U.S.



# Washington Unemployment Rates by Age and Gender

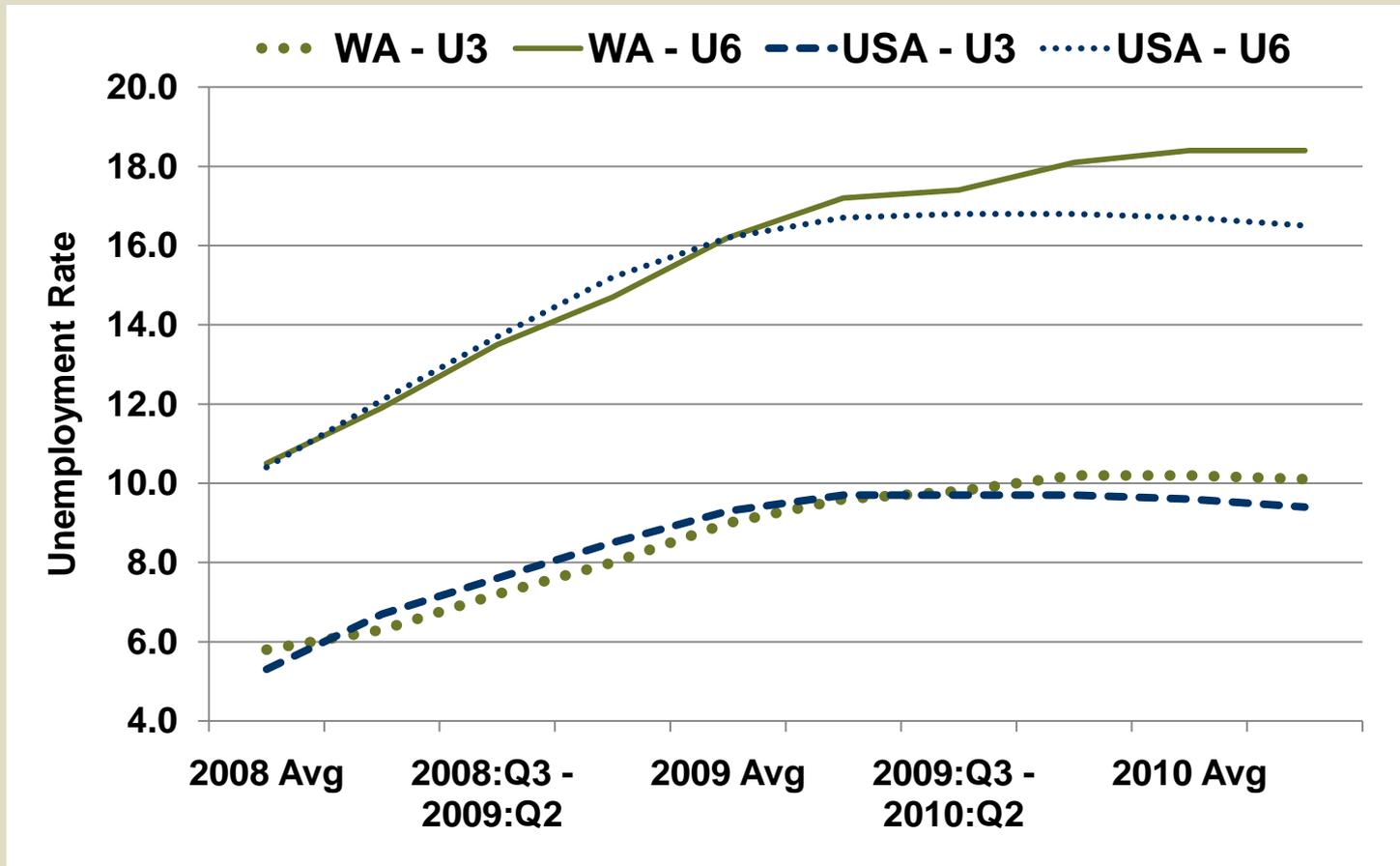
Age Group	2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female
16 to 19 years	20.0	15.1	27	24.3	36.5	25.6	46.1	24.2
20 to 24 years	10.2	7.7	11	4.4	15.2	12.1	20.5	14
25 to 34 years	3.5	3.9	5.2	3.4	10.7	5.8	10.1	9.8
35 to 44 years	3.7	3	4.8	3.9	9.7	7	9.7	7.4
45 to 54 years	2.8	3.1	3.3	3.6	6.2	5.6	7.3	6.7
55 to 64 years	4.1	3.9	4	4.2	8.9	5.3	9	6.3
65 years and over	4.2	2.3	2	NA	8.4	2.9	12.4	5.7

# Alternate Unemployment Measures for Selected Areas

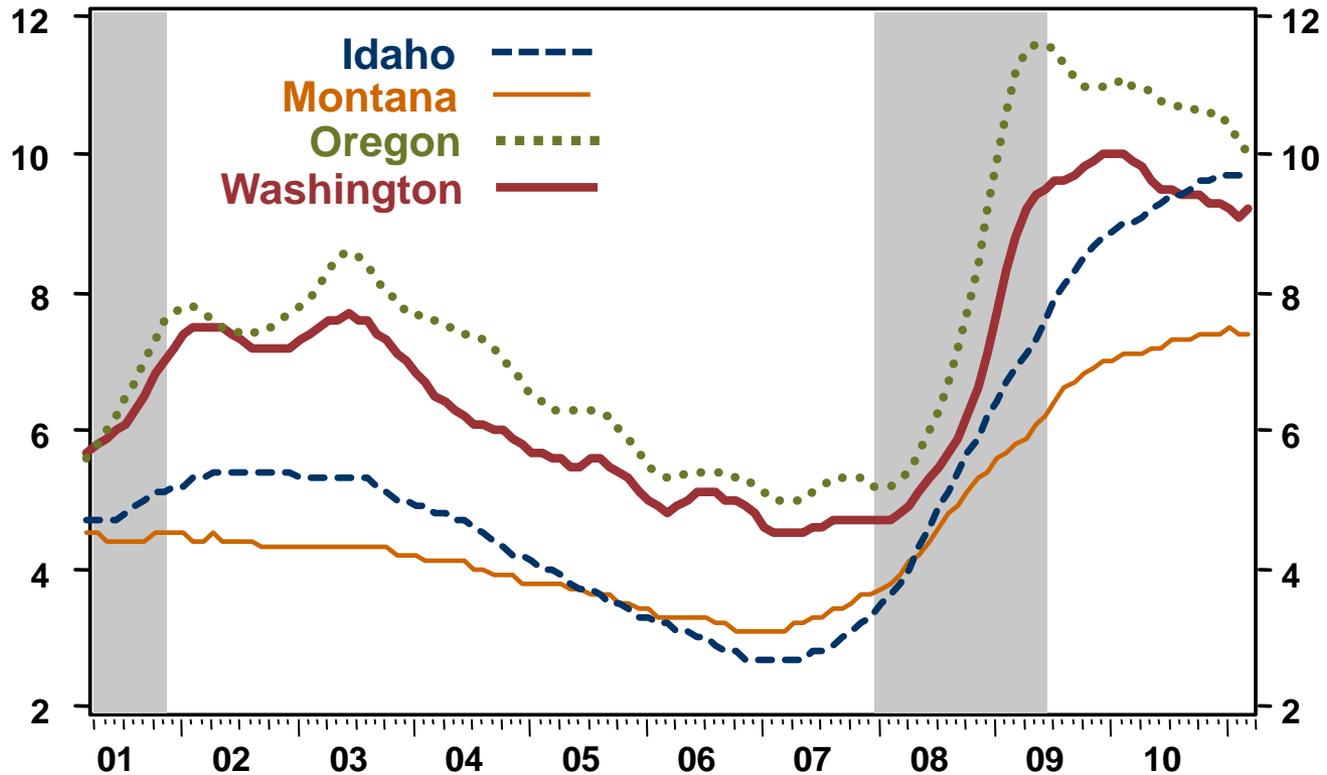
**Second Quarter 2010 – First Quarter 2011**

REGION	U-1	U-2	U-3	U-4	U-5	U-6
United States	5.6	5.8	9.4	10.1	10.9	16.5
Alaska	3.1	4.1	7.6	8.3	9.1	13.7
California	7.6	7.8	12.1	12.9	14.0	22.0
Idaho	4.4	5.0	9.1	9.5	10.1	16.1
Montana	3.2	4.9	7.4	7.8	8.5	14.9
Nevada	9.2	9.7	14.2	15.0	15.9	23.7
North Dakota	1.1	1.7	3.8	4.0	4.5	7.4
Oregon	6.4	7.5	10.7	11.2	12.1	19.6
Washington	5.3	5.8	10.1	10.6	11.7	18.4

# Standard and Widest Measures of Unemployment, Washington State and U.S.

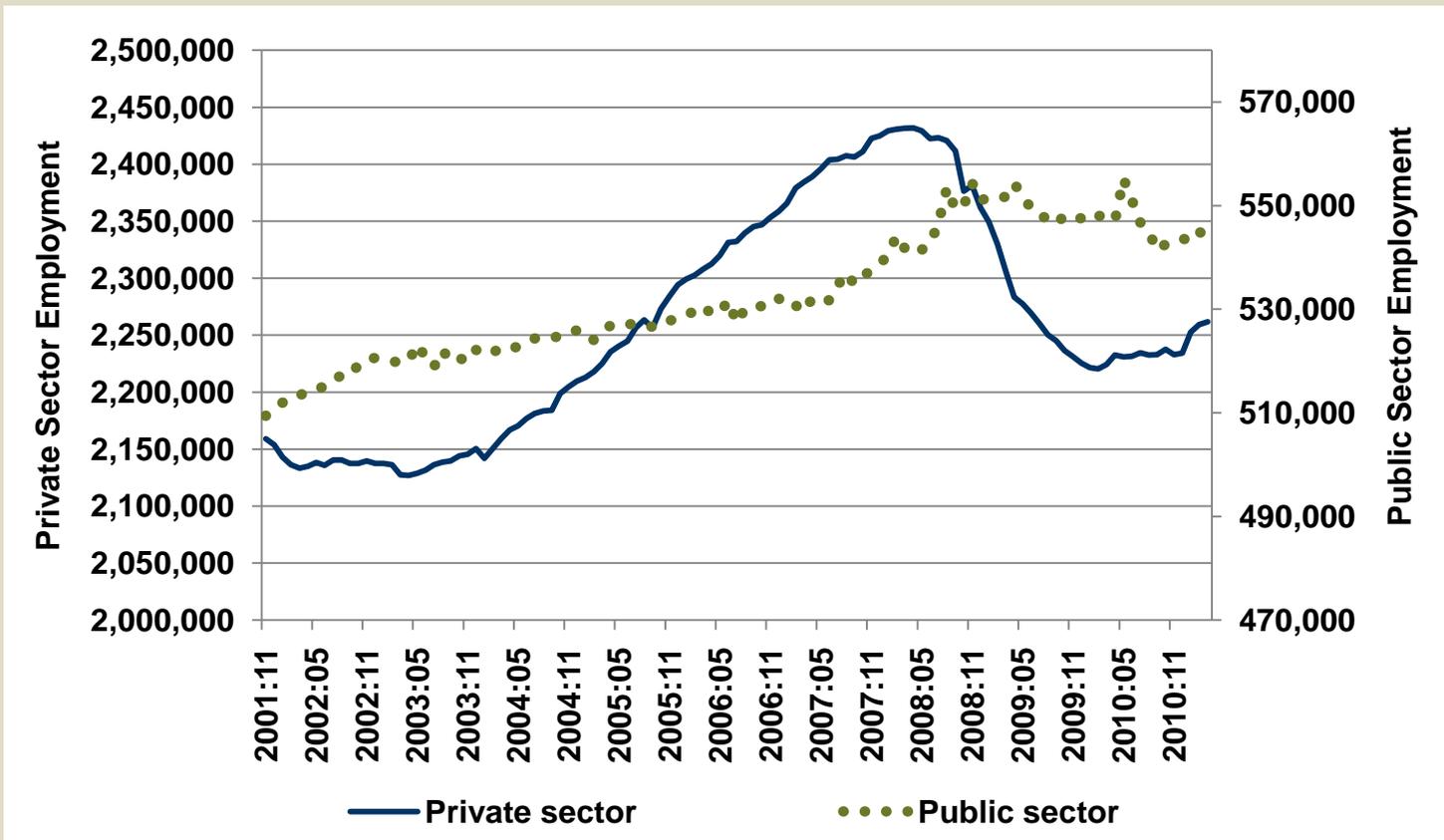


# Seasonally Adjusted Unemployment Rates

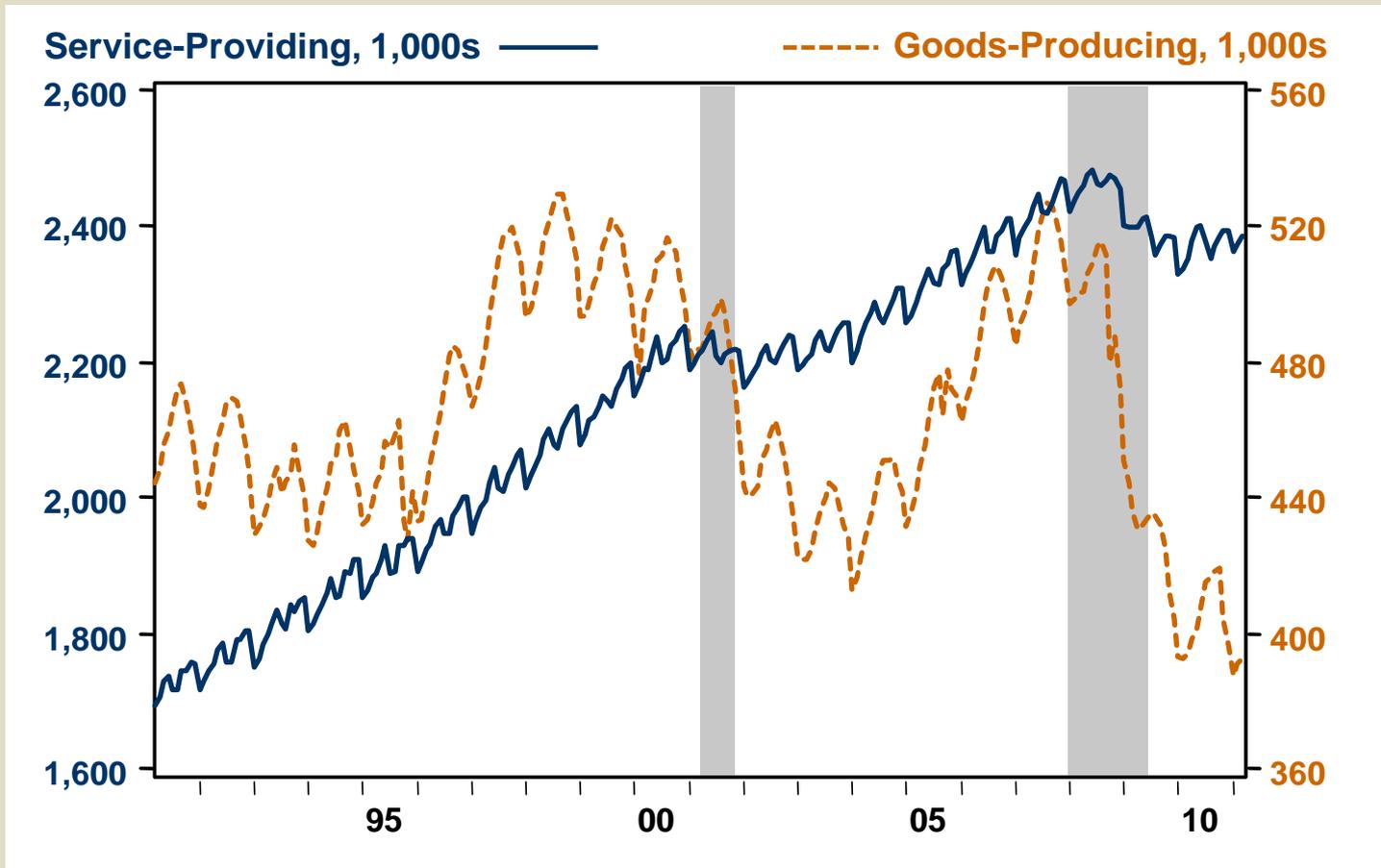


# Public and Private Sector Trends

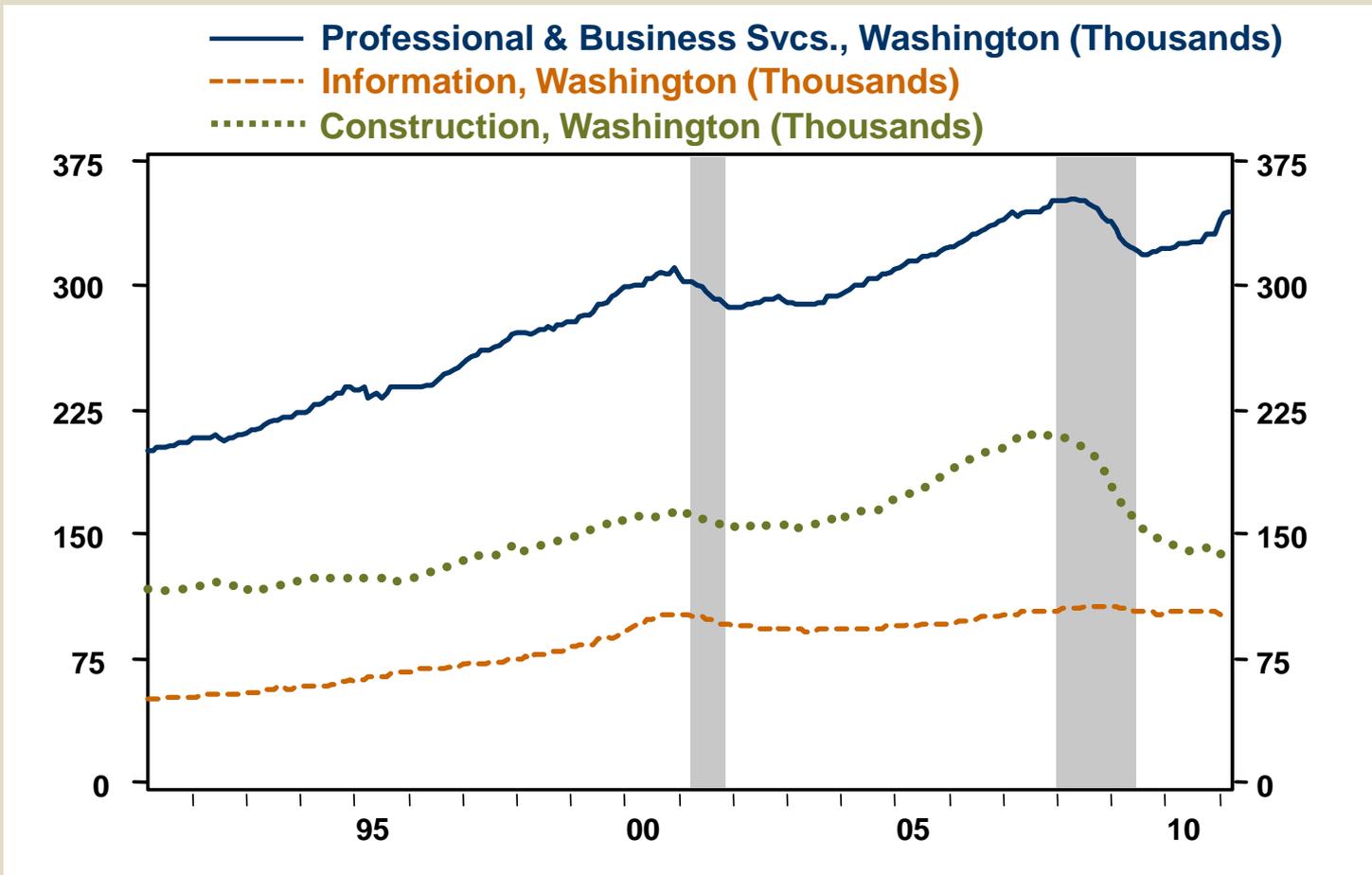
## Washington State, Seasonally Adjusted Employment



# Washington State Employment by Major Sector

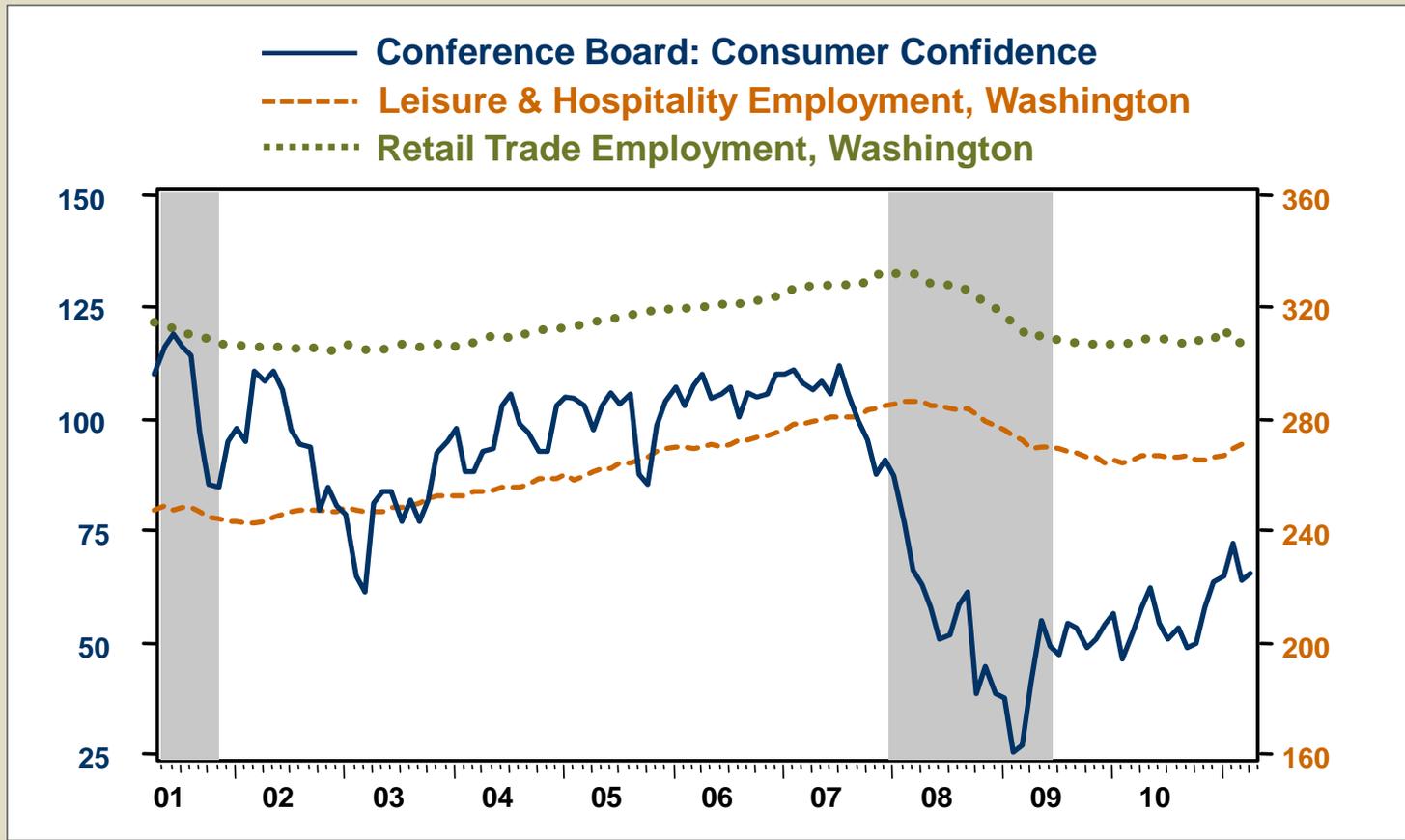


# Selected Seasonally Adjusted Industry Employment Over the Business Cycle



# Consumer Patterns

Seasonally Adjusted, Thousands, 1985 = 100



# Change in Industry Employment

## Washington State, April 2010 through April 2011

<b>Total Nonfarm</b>	<b>41,500</b>
Professional and Business Services	25,500
Education and Health Services	6,300
Manufacturing	5,900
Aerospace Product and Parts Manufacturing	3,100
Leisure and Hospitality	4,200
Transportation, Warehousing and Utilities	3,000
Retail Trade	2,900
Wholesale Trade	2,000
Information	700
Financial Activities	200
Mining and Logging	100
Construction	-600
Other Services	-800
Government	-7,900

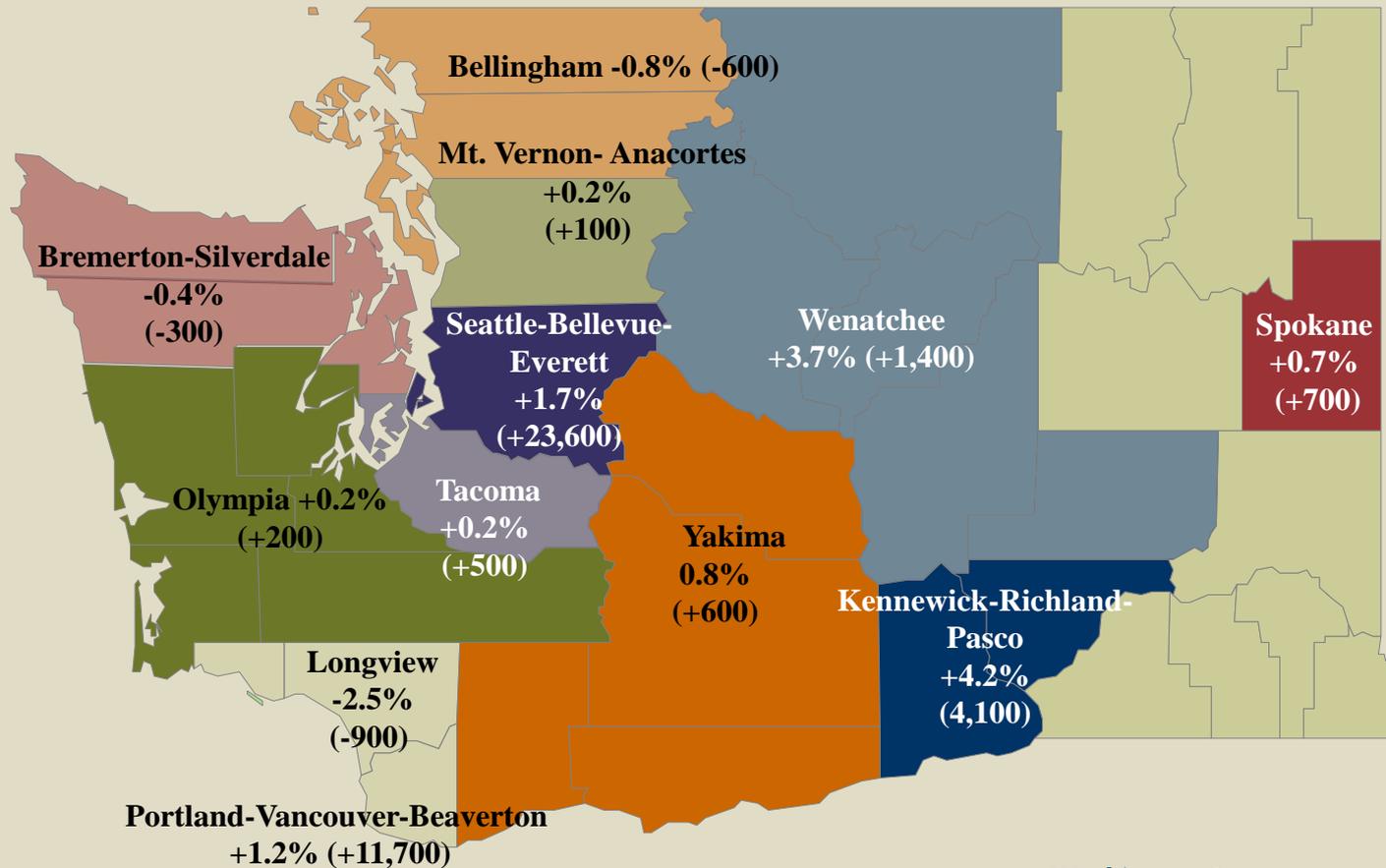
# Change in Wages by Industry

## Washington State, 2002 and 2009

Total	2002	2009	Change
Logging and Mining	\$20,963	\$24,408	16%
Construction	\$39,396	\$51,043	30%
Manufacturing	\$50,901	\$62,931	24%
Wholesale Trade	\$47,774	\$61,569	29%
Retail Trade	\$25,508	\$29,356	15%
Transp., Warehousing, and Util.	\$40,568	\$48,755	20%
Information	\$102,309	\$105,715	3%
Financial Activities	\$45,883	\$59,796	30%
Professional and Business Services	\$54,645	\$71,837	31%
Educational and Health Care Services	\$31,725	\$42,710	35%
Leisure and Hospitality	\$15,297	\$18,507	21%
Other Services	\$25,336	\$24,881	-2%
Government	\$39,360	\$50,420	28%

# Change in Employment by Metropolitan Statistical Area

## Washington State, March 2010 to 2011



# Most Openings in Office and Administrative Occupations

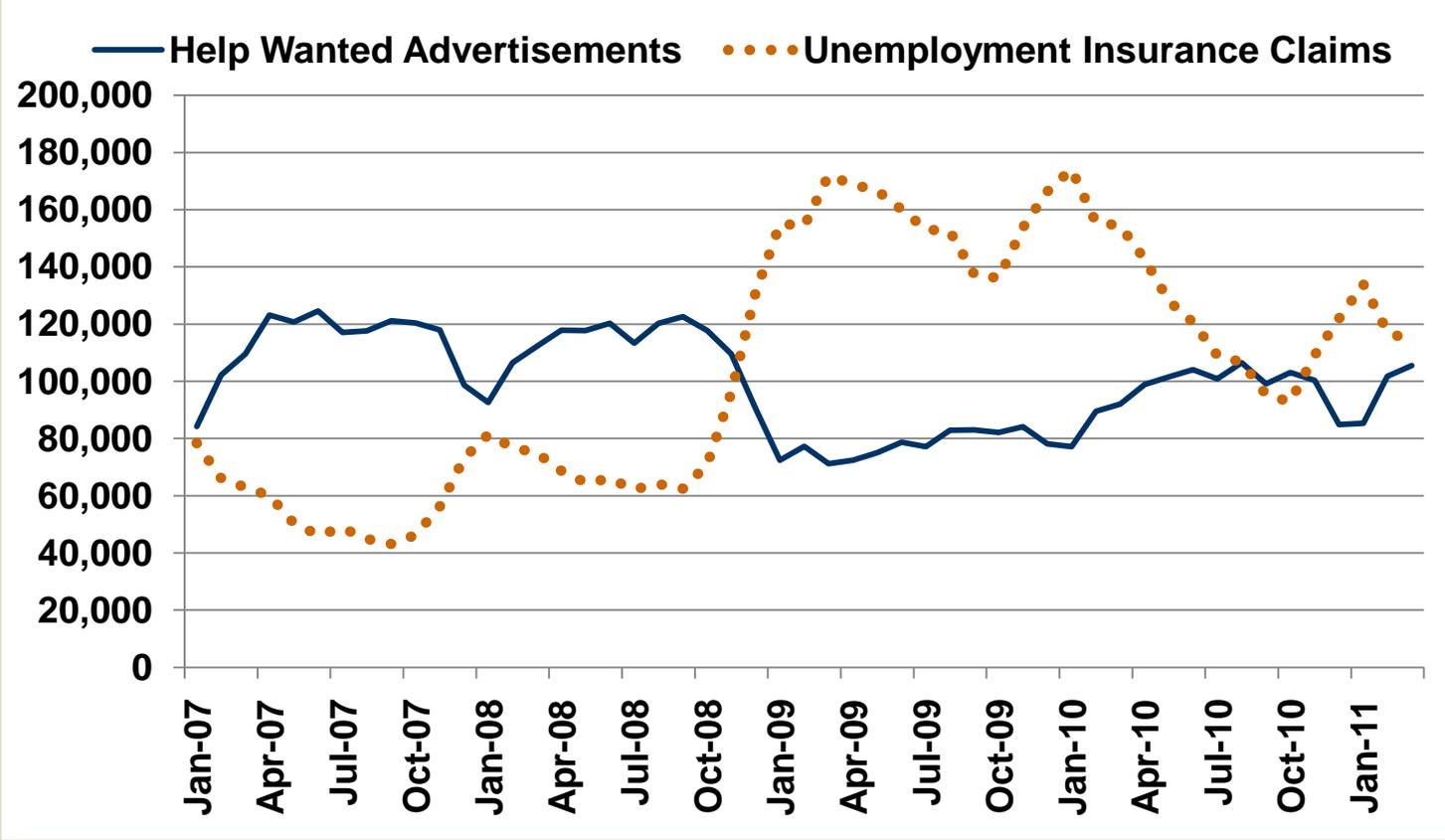
Occupational Family	Est. Emp. 2009	Avg. Annual Growth Rate 2009-2019	Avg. Annual Opening Due to Growth	
			2009-2014	2014-2019
All Occupations	3,235,727	1.4%	47,558	51,470
Office and Administrative Support	450,095	1.3%	5,950	6,455
Sales and Related	334,300	1.1%	4,280	3,447
Computer and Mathematical	117,557	2.7%	3,343	3,726
Food Preparation and Serving Related	244,931	1.3%	3,379	3,495
Transportation and Material Moving	200,451	1.5%	3,458	3,024
Healthcare Practitioners and Technical	149,966	1.9%	2,664	3,584
Personal Care and Service	138,618	2.0%	3,311	2,737
Building and Grounds Cleaning and Maintenance	120,400	2.1%	3,170	2,426
Education, Training, and Library	191,341	1.2%	2,239	2,759
Management	159,137	1.4%	2,193	2,516
Production	161,261	1.4%	2,819	1,851
Business and Financial Operations	151,011	1.4%	2,133	2,390
Construction and Extraction	178,767	1.1%	645	3,494
Healthcare Support	83,555	1.9%	1,473	2,053
Architecture and Engineering	83,948	1.5%	1,372	1,365
Installation, Maintenance, and Repair	121,241	1.0%	1,270	1,175
Arts, Design, Entertainment, Sports, and Media	65,258	1.6%	1,128	1,188
Life, Physical, and Social Science	49,726	1.9%	889	1,135
Community and Social Services	56,446	1.3%	694	890
Protective Service	57,069	1.3%	590	962
Farming, Fishing, and Forestry	93,345	0.4%	308	498
Legal	27,304	1.0%	250	300

# Nurses Still Projected to be in Demand

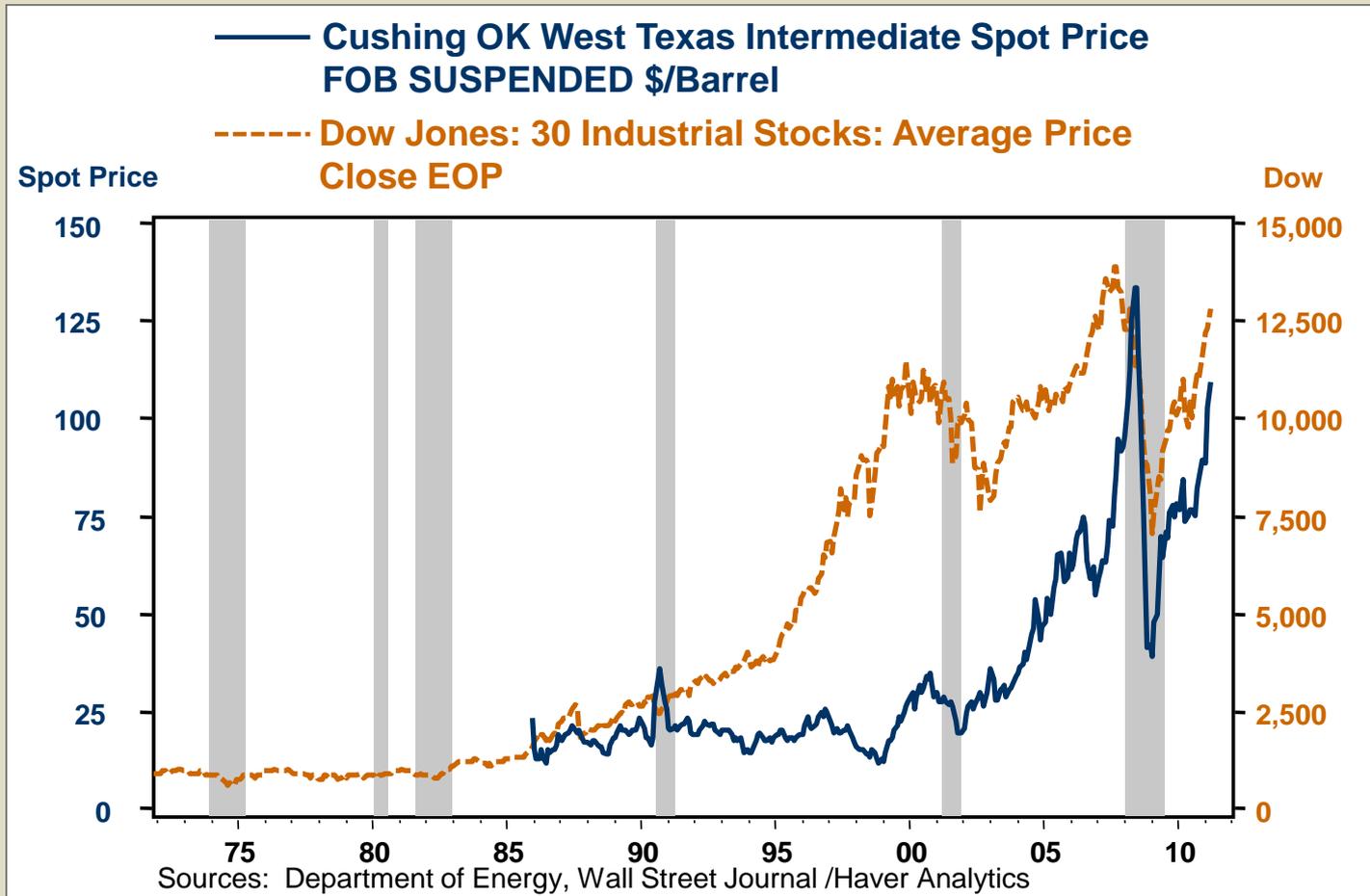
Occupational Family	Est. Emp. 2009	Avg. Annual Growth Rate 2009-2019	Avg. Annual Opening Due to Growth	
			2009-2014	2014-2019
Registered Nurses	53,450	2.3%	1,157	1,580
Maids and Housekeeping Cleaners	41,945	2.8%	1,759	936
Child Care Workers	39,271	2.8%	1,544	955
Retail Salespersons	96,066	1.1%	1,284	875
Combined Food Prep. & Serving Workers	62,372	1.5%	977	1,082
Computer Software Engineers, Applications	28,593	3.0%	915	1,067
Personal and Home Care Aides	24,683	3.4%	1,025	948
Laborers and Freight, Stock, & Mat. Movers, Hand	40,738	2.1%	1,016	862
Office Clerks, General	52,731	1.5%	801	863
Janitors and Cleaners	43,454	1.5%	665	703
Bookkeeping, Accounting, and Auditing Clerks	47,845	1.3%	583	720
Cashiers	63,992	0.9%	669	569
Accountants and Auditors	24,867	2.2%	515	707
Truck Drivers, Heavy and Tractor-Trailer	31,234	1.8%	655	544
Network Sys. & Data Comm. Analysts	11,611	4.2%	564	633

# Claims are Falling and Help-Wanted Adverts Rising

Washington State, 2007 to 2011



# Stock Prices Up, but so is Oil



Source: Department of Energy, Wall Street Journal/  
Haver Analytics

Washington State  
Employment Security Department

Labor Market and Economic Analysis



**Dave Wallace**  
**Acting Chief Economist**  
[dbwallace@esd.wa.gov](mailto:dbwallace@esd.wa.gov)  
**360-407-4577**

**Washington State**  
**Employment Security Department**



Labor Market and Economic Analysis