



Appalachian Region Employment Report, 2009Q2

Employment growth peaked in the last quarter of 2007 in both the U.S. and Appalachia. As of the second quarter of 2009, U.S. employment has fallen back to 2004 levels, giving up all the jobs gained over the past four years. In Appalachia, employment has fallen back to 2002 levels, giving up all the jobs gained during the entire 2002-2008 expansion. The rate of job loss in northern Appalachia was less severe than in the nation as a whole. Job loss was more severe than the nation as a whole in central and southern Appalachia.

Unemployment trends in Appalachia closely followed the pattern for the nation over the expansion phase of the business cycle, but unemployment was 1.5% higher than the nation as a whole in central Appalachia, and 1.2% higher than the nation in southern Appalachia.

Labor force growth was slightly lower in Appalachia than in the nation as a whole, at .1% and .3% respectively. In northern Appalachia labor force growth was more than triple the national rate at .9%, indicating a much higher rate of people searching for work. Labor force growth in central Appalachia was similar to the nation, but in southern Appalachia, labor force growth contracted at -.6%, indicating a high rate of workers giving up on their job search and dropping out of the labor force.

Population growth between 2000 and 2008 was slower in Appalachia than in the nation as a whole, 5% vs. 8%, but again there was great variation between the Appalachian portion of the northern, central, and southern states. Population in northern Appalachia shrunk -1.4% and remained nearly flat in central Appalachia at 0.2%. Population boomed in southern Appalachia, at nearly 12% growth, it was 50% higher than the nation.

The ratio of employment to population, a rough measure of labor force participation, was 2% lower in Appalachia than the nation, at 45.8% and 47.8% respectively. While the northern Appalachian region was close to the nation, the employment-population ratio in southern Appalachia was 1.9% lower, and central Appalachia was 4.7% lower, at 43.1%.

Some areas of Appalachia have been hit harder than others in this recession. Employment in the second quarter dropped by 4% or more in Appalachian Alabama (-7.5%), Georgia (-6.6%), Maryland (-4.7%), Ohio (-5.4%), North Carolina (-4.9%), Tennessee (-5.2) and West Virginia (-6.5%). The Appalachian portion of Kentucky, Maryland, Mississippi, Pennsylvania, and North and South Carolina are faring slightly better than their state as a whole.

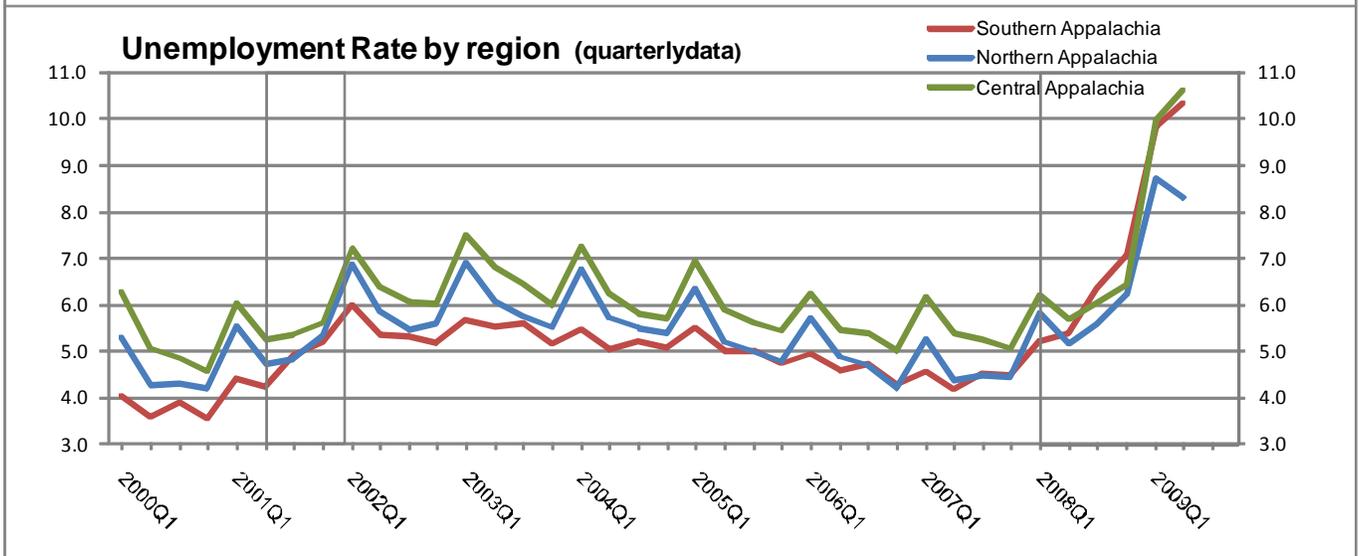
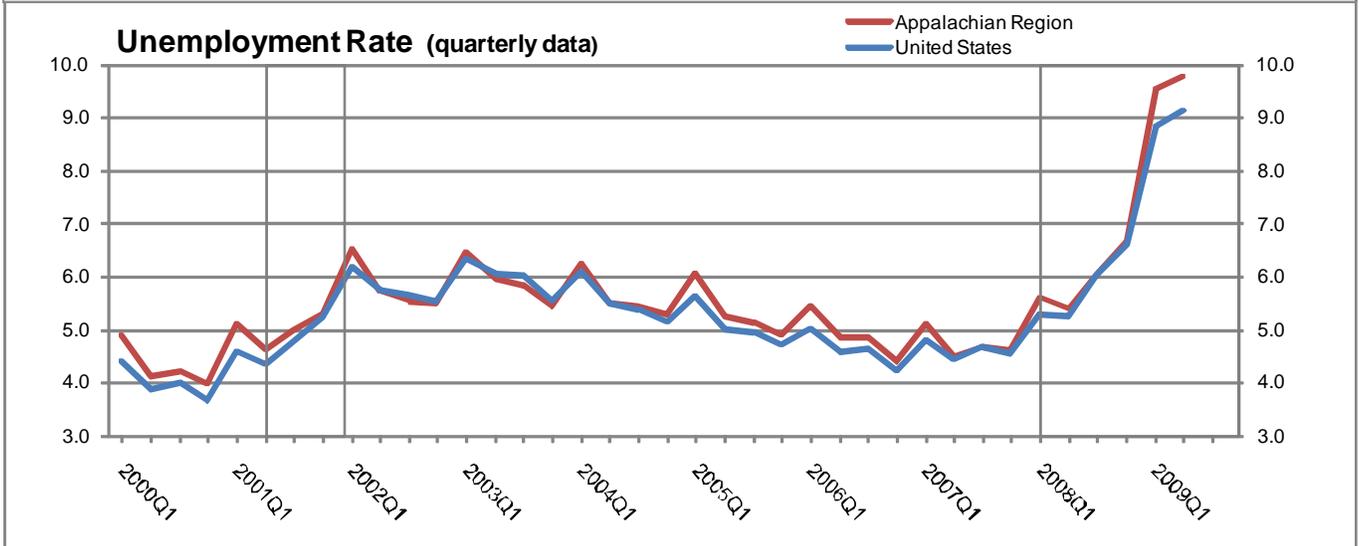
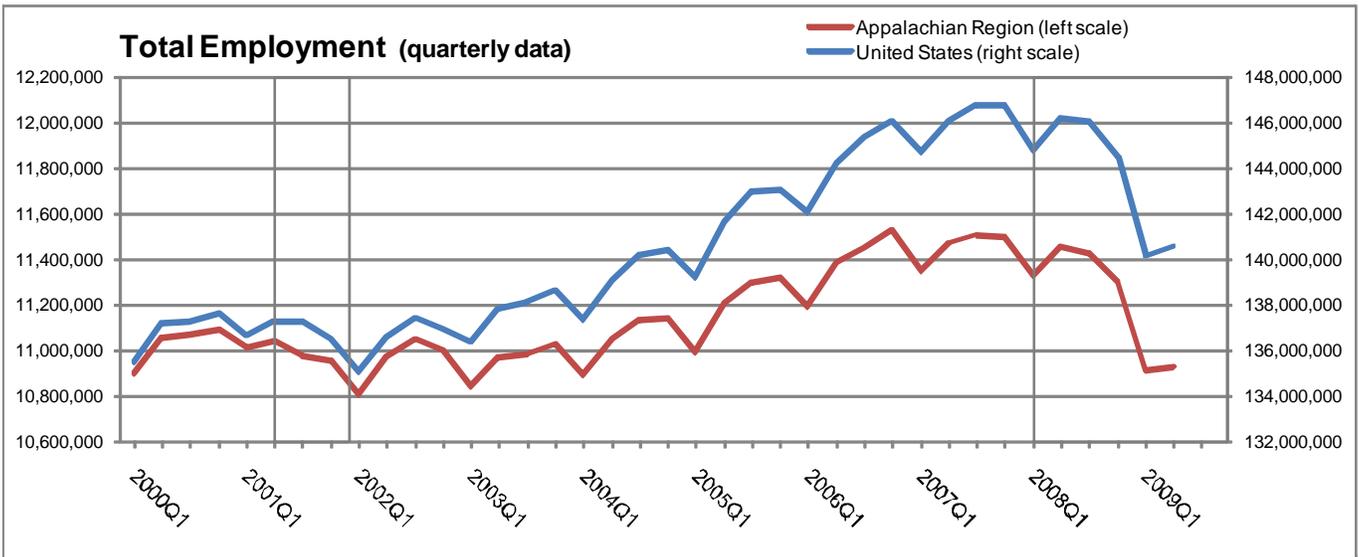
Unemployment exceeded 10% in the Appalachian portion of Kentucky (11.4%), Mississippi (12.0%), North Carolina (11.1%), and South Carolina (11.5%). Unemployment was highest in Appalachian Ohio, at 12.1%. Unemployment rates are higher in the Appalachian portion of every state except Alabama and South Carolina, where the rates are nearly equal.

Recession hits harder in Appalachia

Employment Trends	Average annual labor force change			Average annual employment change			Unemployment rate (unemployed/ civilian labor force)					Population change	Employment population	Population estimate
	2001q1-2002q1 recession	2002q1-2008q1 expansion	2008q2-2009q2 recession	2001q1-2002q1 recession	2002q1-2008q1 expansion	2008q2-2009q2 recession	2001 peak	2002 trough	2007 peak	2008	2009 Q2	2000-2008	2008 ratio	2008
Northern= NY, PA, MD Central= OH, KY, VA, WV Southern= TN, NC, SC, GA, AL, MS														
United States	0.5	1.0	0.3	-1.2	1.2	-3.8	4.7	5.8	4.6	5.8	9.1	8.0	47.8	304,059,724
Appalachian Region	-0.4	0.6	0.1	-1.9	0.8	-4.6	5.0	5.8	4.7	5.9	9.8	5.0	45.8	24,831,844
Northern Appalachia	0.5	0.1	0.9	-0.9	0.3	-2.4	5.1	5.9	4.6	5.7	8.3	-1.4	47.9	7,030,492
Central Appalachia	-0.1	0.3	0.4	-1.3	0.5	-4.8	5.6	6.4	5.5	6.1	10.6	0.2	43.1	5,781,407
Southern Appalachia	-1.2	1.1	-0.6	-2.8	1.3	-5.8	4.7	5.5	4.4	6.0	10.3	11.9	45.9	12,019,945

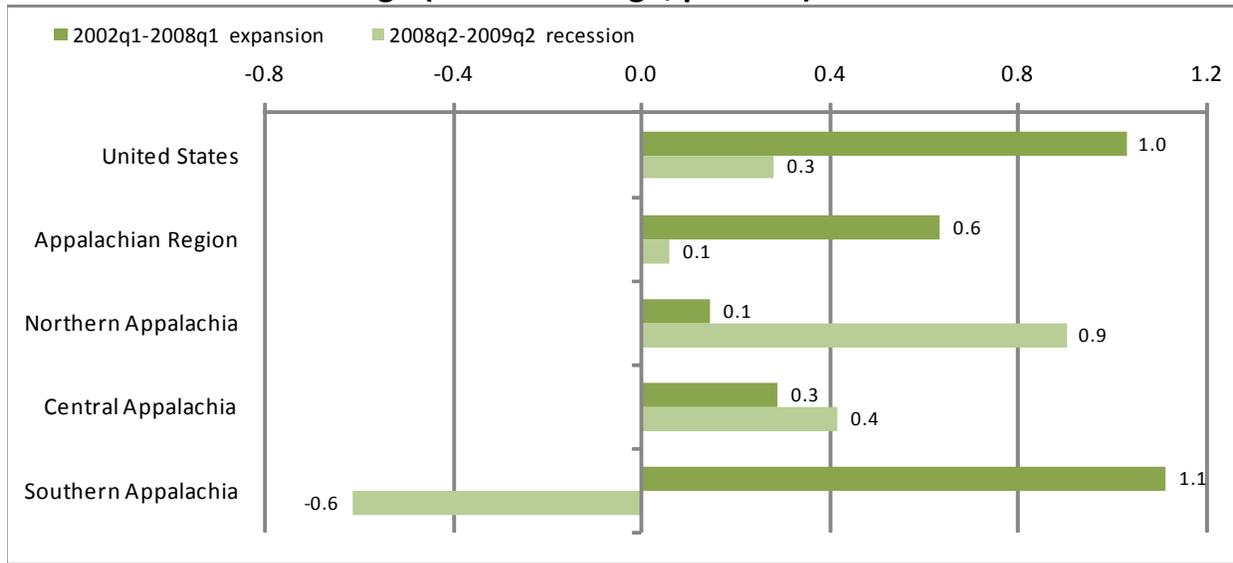


Appalachian Region Employment Report, 2009 Q2

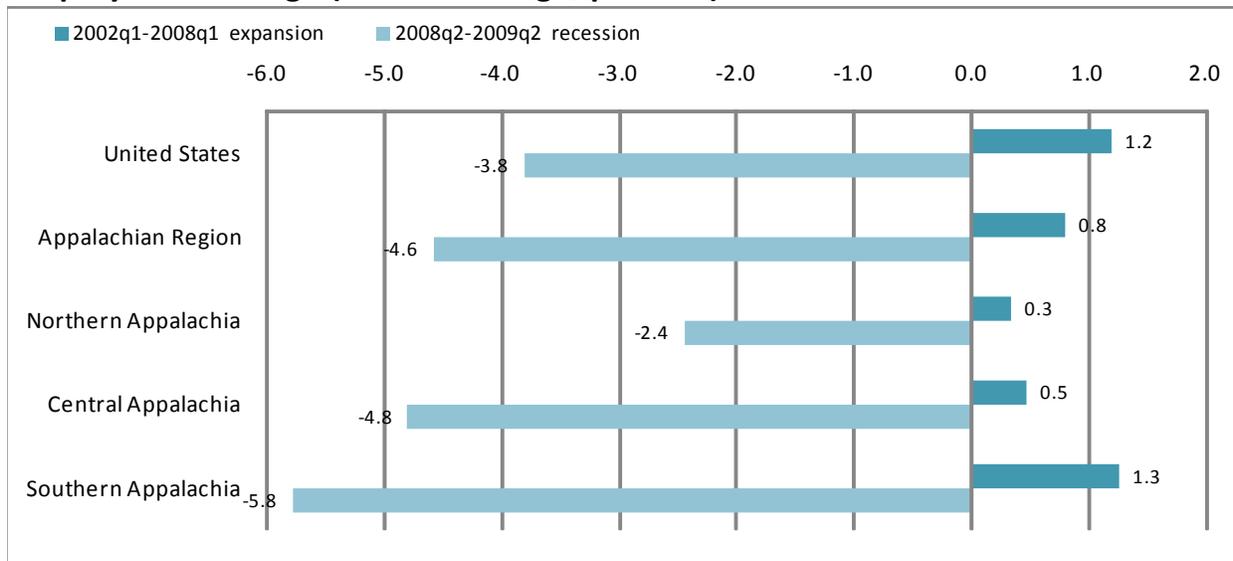




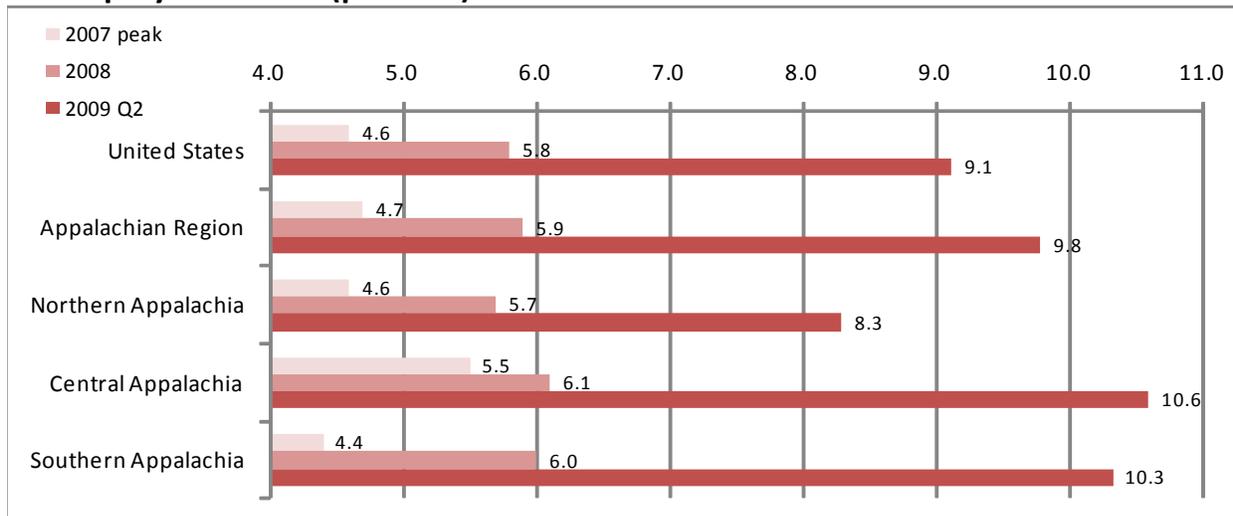
Civilian labor force change (annual average, percent)



Employment change (annual average, percent)

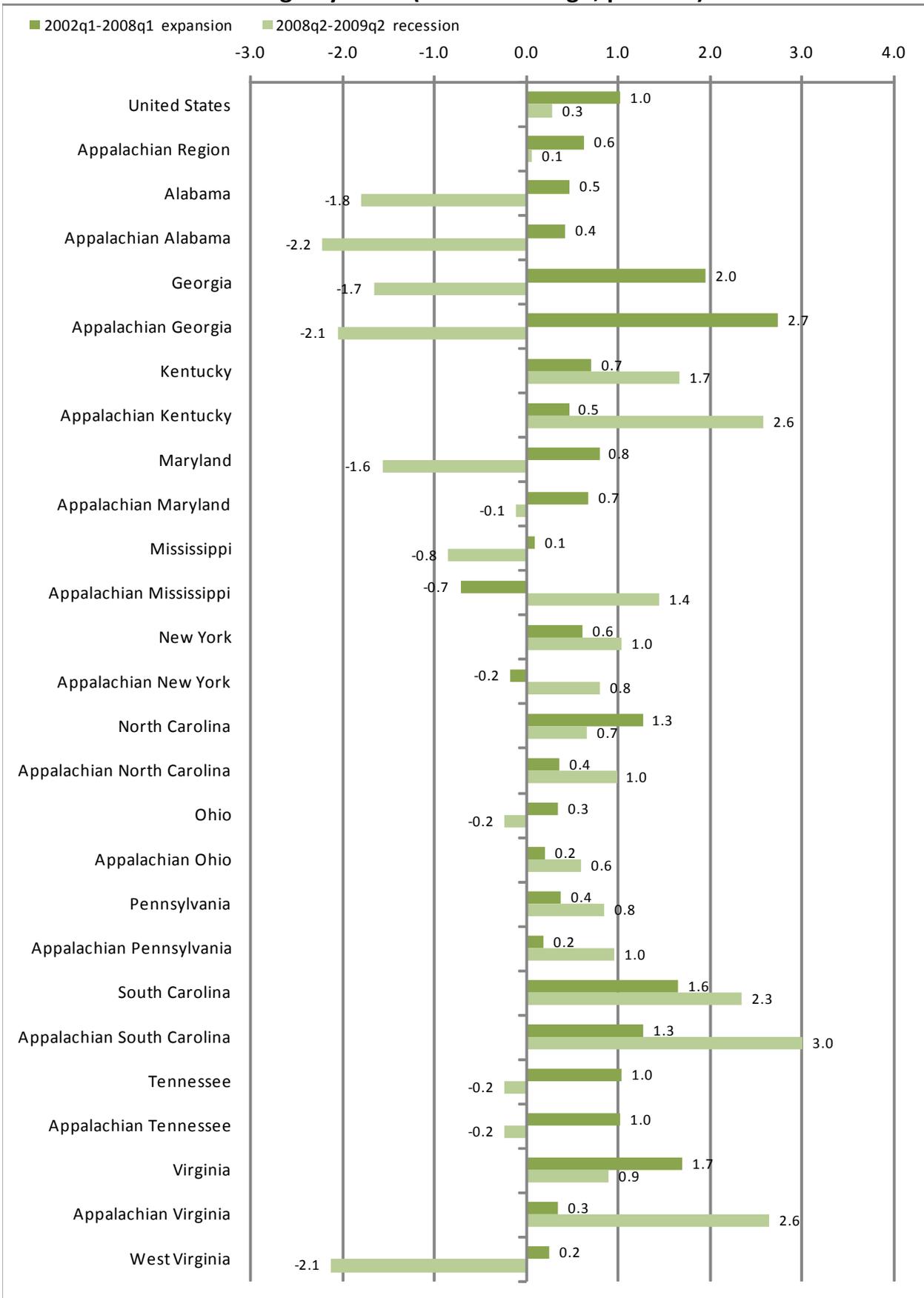


Unemployment rate (percent)



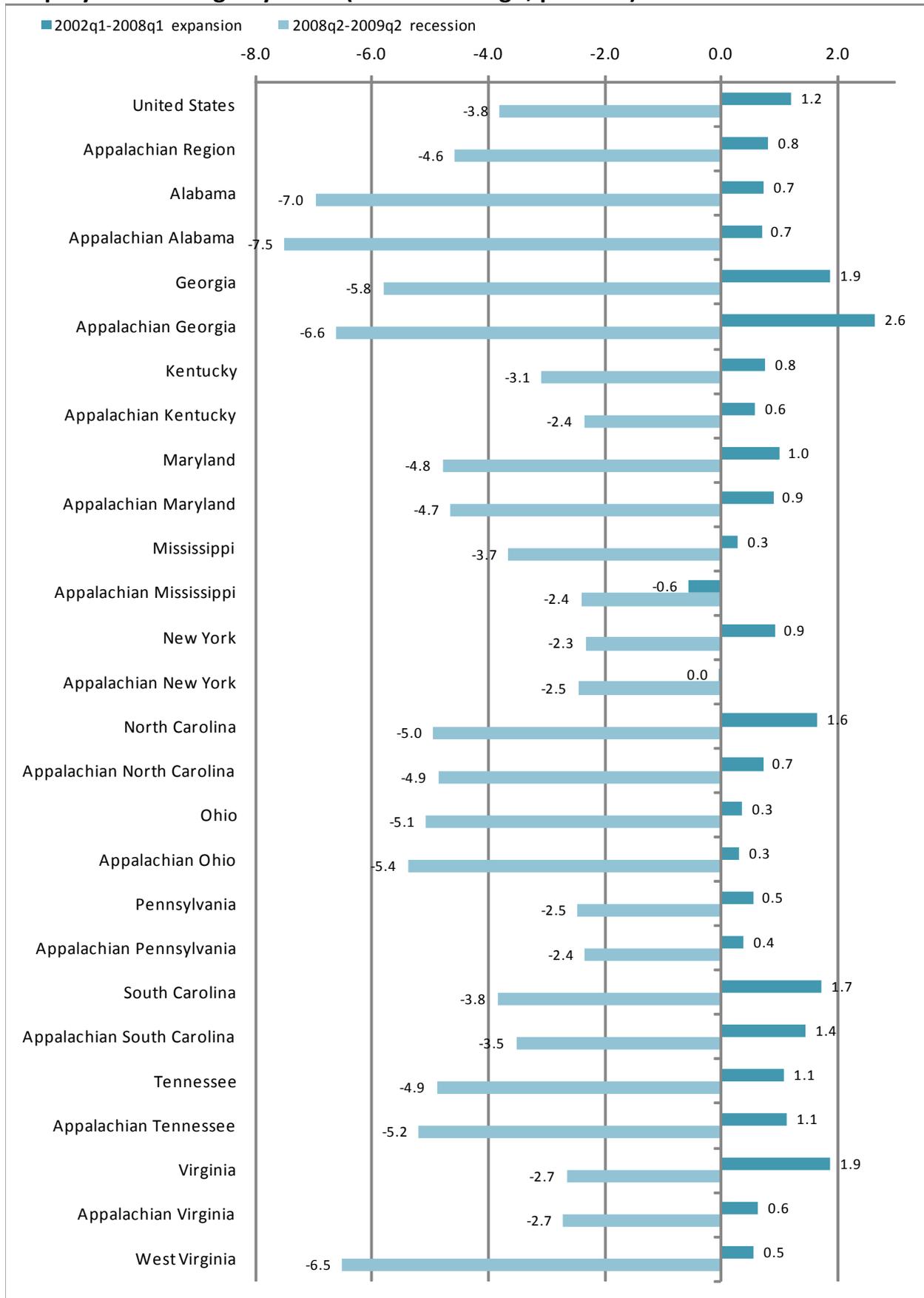


Civilian labor force change by state (annual average, percent)



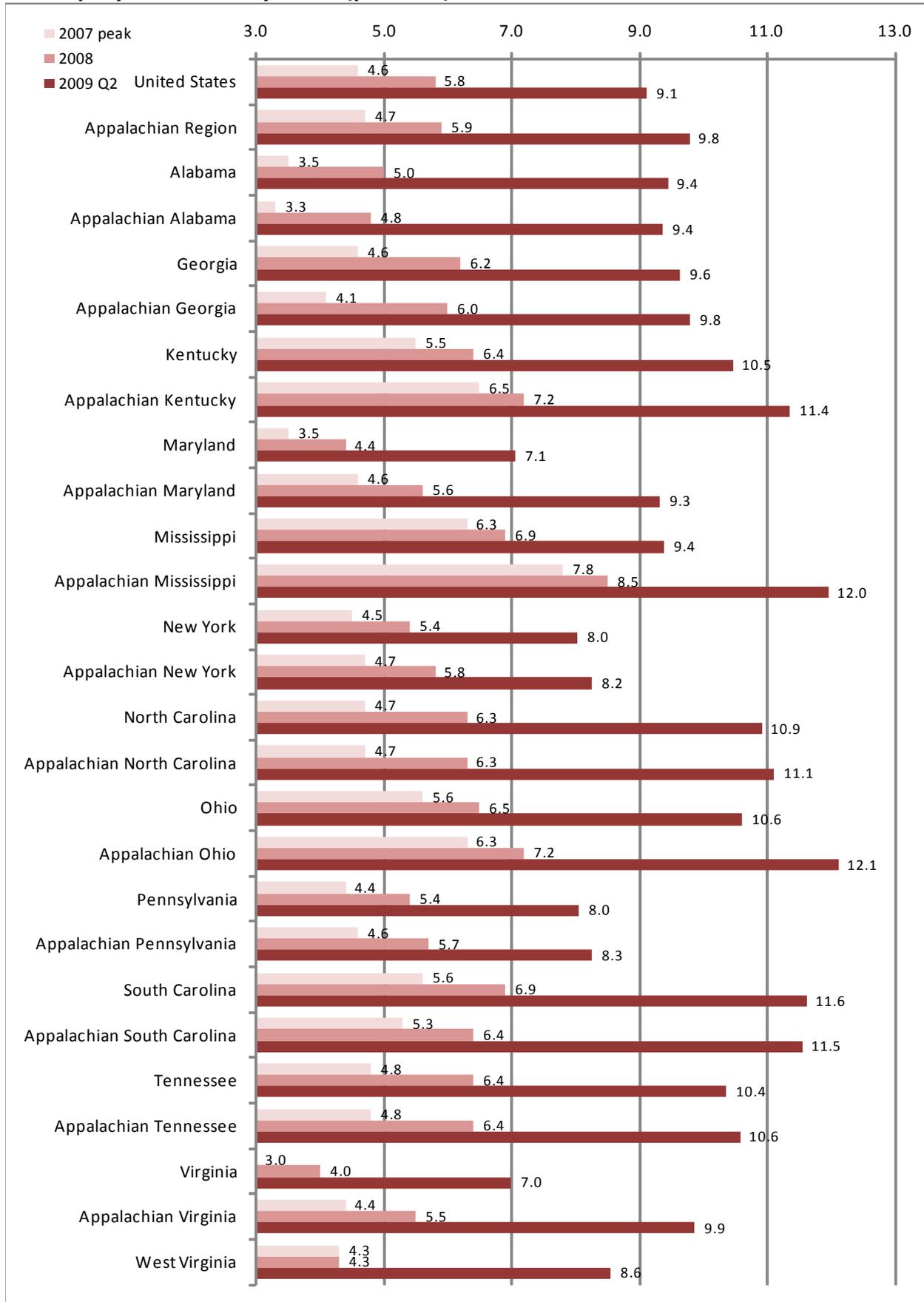


Employment change by state (annual average, percent)



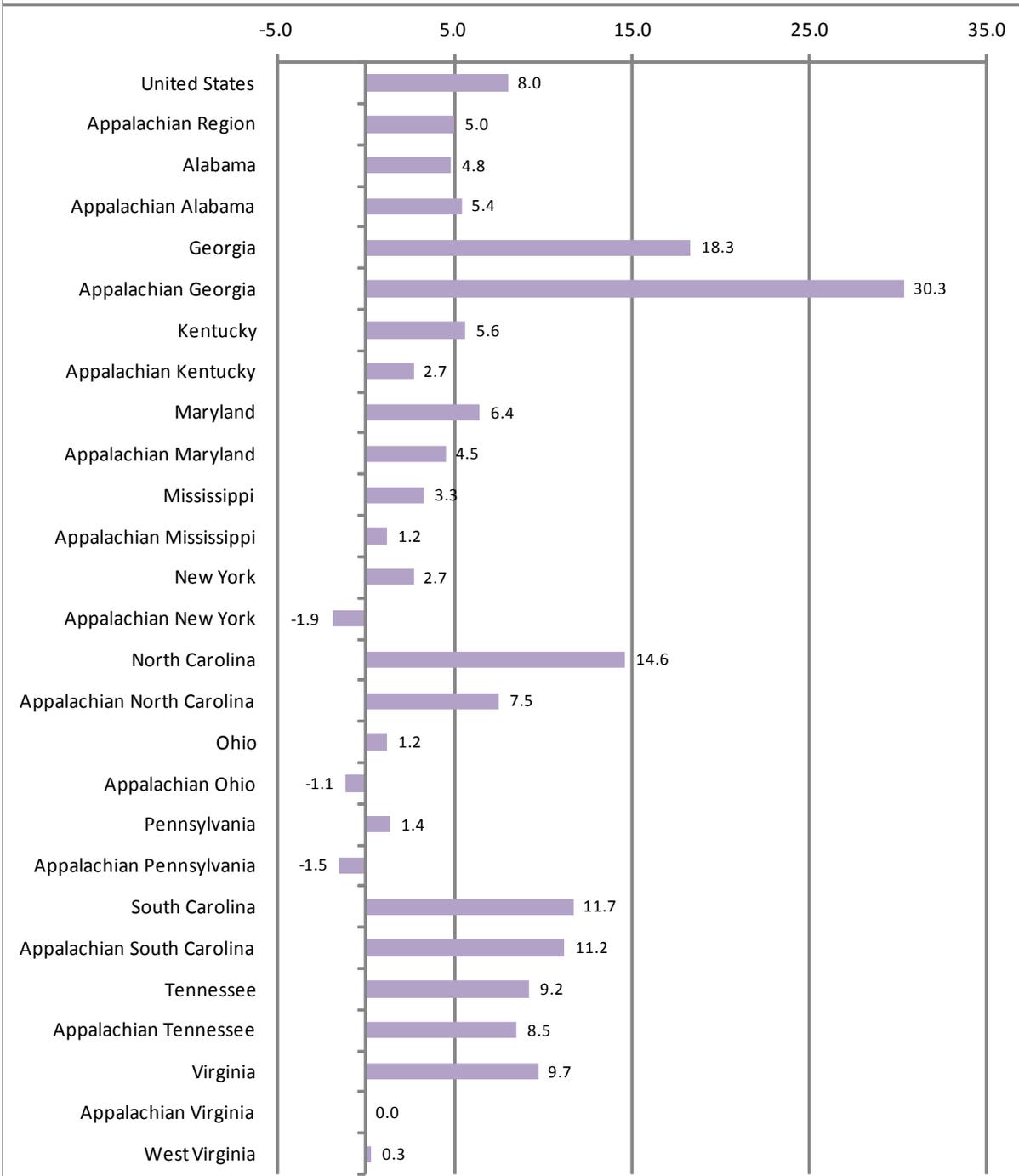
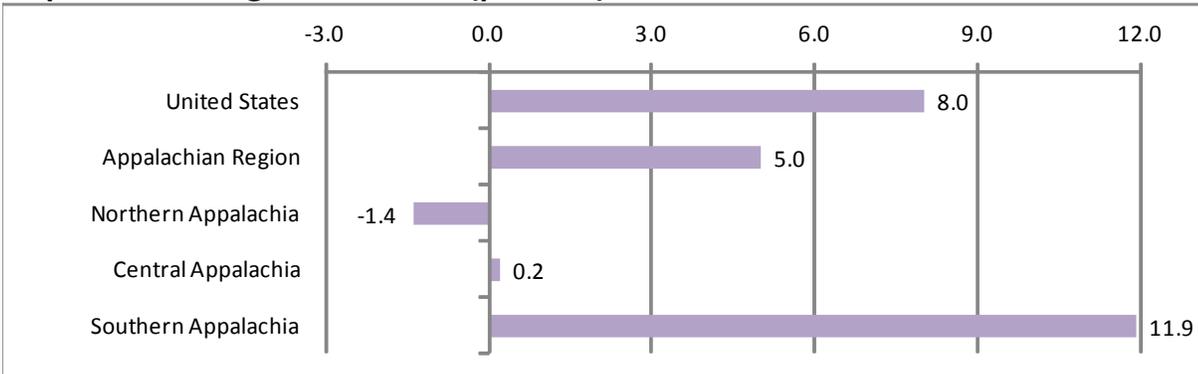


Unemployment rate by state (percent)



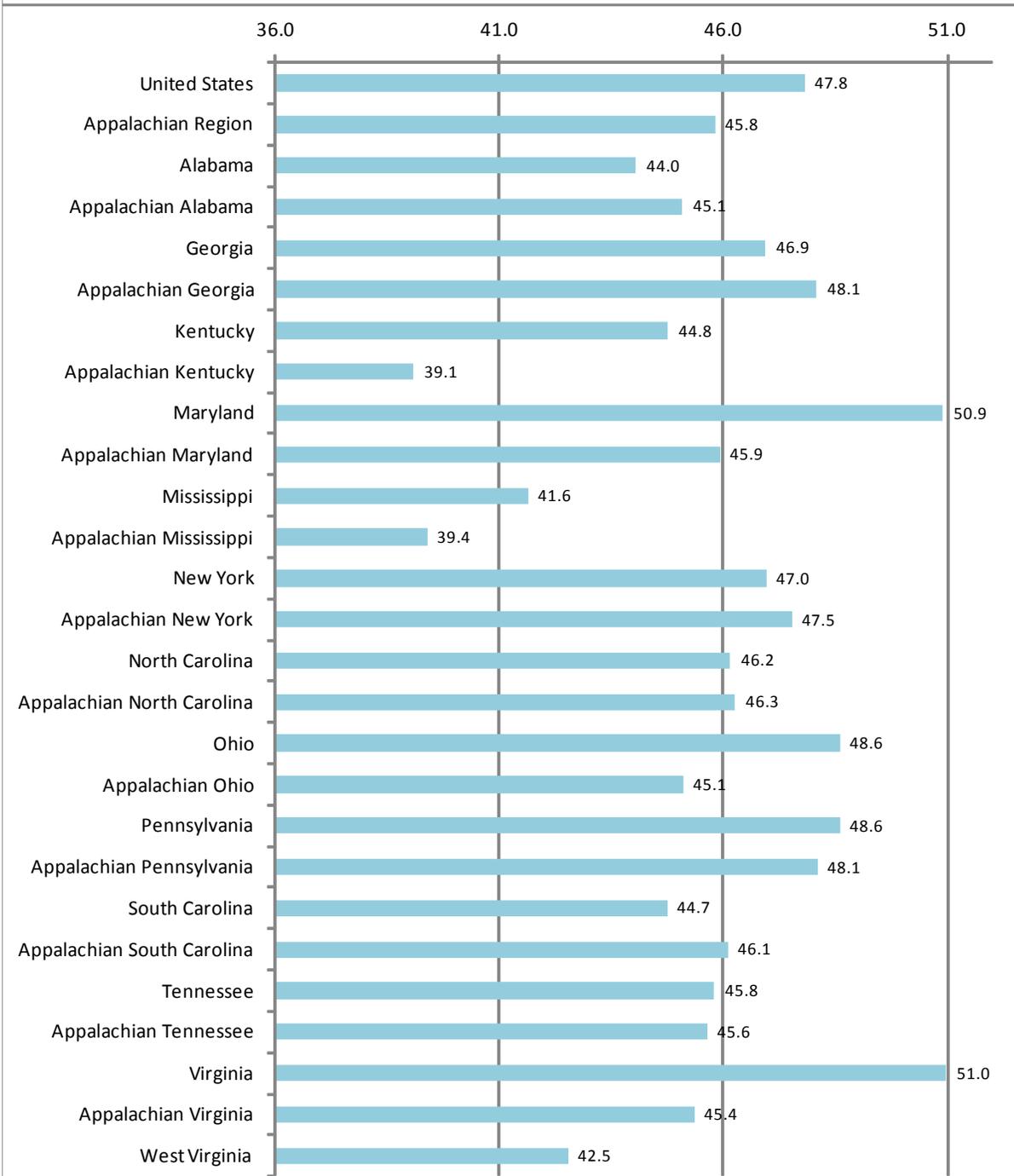
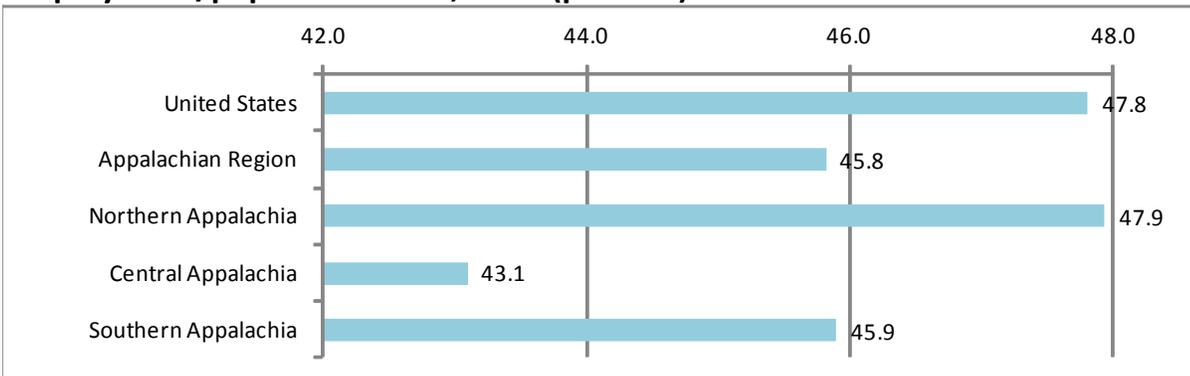


Population change, 2000-2008 (percent)





Employment/population ratio, 2008 (percent)

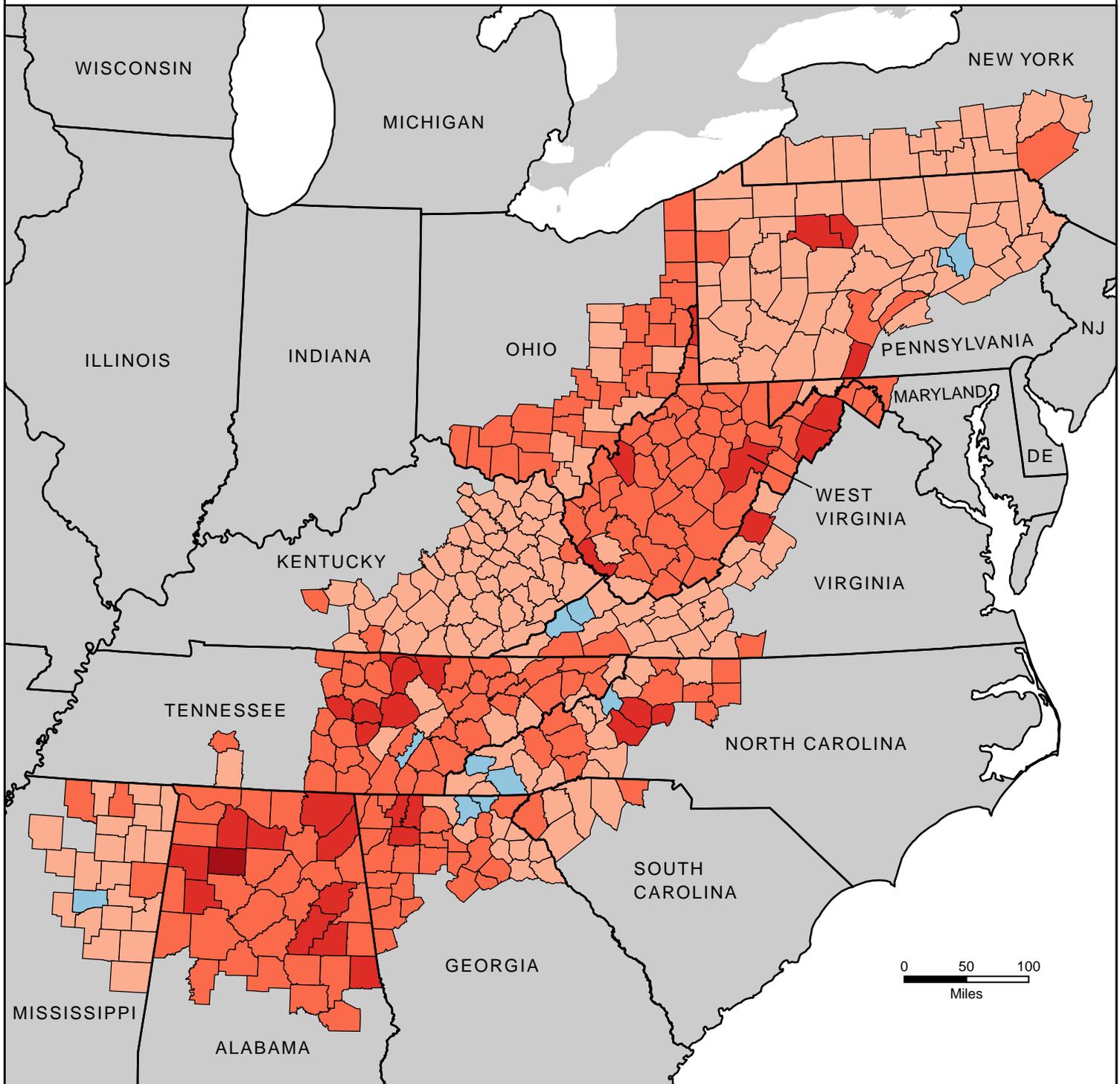




Appalachian States Employment Report, 2009 Q2

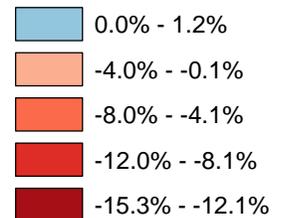
Employment Trends	Average annual labor force change			Average annual employment change			Unemployment rate (unemployed/ civilian labor force)					Population change	Employment population	Population estimate
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United States	0.5	1.0	0.3	-1.2	1.2	-3.8	4.7	5.8	4.6	5.8	9.1	8.0	47.8	304,059,724
Appalachian Region	-0.4	0.6	0.1	-1.9	0.8	-4.6	5.0	5.8	4.7	5.9	9.8	5.0	45.8	24,831,844
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Central Appalachia	-0.1	0.3	0.4	-1.3	0.5	-4.8	5.6	6.4	5.5	6.1	10.6	0.2	43.1	5,781,407
Southern Appalachia	-1.2	1.1	-0.6	-2.8	1.3	-5.8	4.7	5.5	4.4	6.0	10.3	11.9	45.9	12,019,945
United States	0.5	1.0	0.3	-1.2	1.2	-3.8	4.7	5.8	4.6	5.8	9.1	8.0	47.8	304,059,724
Appalachian Region	-0.4	0.6	0.1	-1.9	0.8	-4.6	5.0	5.8	4.7	5.9	9.8	5.0	45.8	24,831,844
Alabama	-2.6	0.5	-1.8	-3.8	0.7	-7.0	4.7	5.4	3.5	5.0	9.4	4.8	44.0	4,661,900
Appalachian Alabama	-2.5	0.4	-2.2	-3.8	0.7	-7.5	4.5	5.2	3.3	4.8	9.4	5.4	45.1	2,991,150
Georgia	0.4	2.0	-1.7	-0.9	1.9	-5.8	4.0	4.8	4.6	6.2	9.6	18.3	46.9	9,685,744
Appalachian Georgia	1.4	2.7	-2.1	0.1	2.6	-6.6	3.6	4.4	4.1	6.0	9.8	30.3	48.1	2,875,926
Kentucky	-1.3	0.7	1.7	-2.6	0.8	-3.1	5.2	5.7	5.5	6.4	10.5	5.6	44.8	4,269,245
Appalachian Kentucky	0.5	0.5	2.6	-0.7	0.6	-2.4	6.5	6.9	6.5	7.2	11.4	2.7	39.1	1,191,592
Maryland	0.3	0.8	-1.6	-0.6	1.0	-4.8	4.1	4.5	3.5	4.4	7.1	6.4	50.9	5,633,597
Appalachian Maryland	0.5	0.7	-0.1	-0.2	0.9	-4.7	5.1	5.4	4.6	5.6	9.3	4.5	45.9	247,320
Mississippi	-1.1	0.1	-0.8	-3.2	0.3	-3.7	5.6	6.7	6.3	6.9	9.4	3.3	41.6	2,938,618
Appalachian Mississippi	-2.7	-0.7	1.4	-5.1	-0.6	-2.4	6.6	7.9	7.8	8.5	12.0	1.2	39.4	622,875
New York	1.2	0.6	1.0	-0.9	0.9	-2.3	4.9	6.2	4.5	5.4	8.0	2.7	47.0	19,490,297
Appalachian New York	1.2	-0.2	0.8	-1.1	0.0	-2.5	4.5	5.7	4.7	5.8	8.2	-1.9	47.5	1,051,882
North Carolina	0.1	1.3	0.7	-2.2	1.6	-5.0	5.6	6.6	4.7	6.3	10.9	14.6	46.2	9,222,414
Appalachian North Carolina	-0.3	0.4	1.0	-2.6	0.7	-4.9	5.5	6.5	4.7	6.3	11.1	7.5	46.3	1,640,226
Ohio	0.2	0.3	-0.2	-1.7	0.3	-5.1	4.4	5.7	5.6	6.5	10.6	1.2	48.6	11,485,910
Appalachian Ohio	0.6	0.2	0.6	-1.1	0.3	-5.4	5.5	6.7	6.3	7.2	12.1	-1.1	45.1	2,017,575
Pennsylvania	0.7	0.4	0.8	-0.6	0.5	-2.5	4.8	5.6	4.4	5.4	8.0	1.4	48.6	12,448,279
Appalachian Pennsylvania	0.3	0.2	1.0	-0.9	0.4	-2.4	5.2	6.0	4.6	5.7	8.3	-1.5	48.1	5,731,290
South Carolina	-3.5	1.6	2.3	-5.1	1.7	-3.8	5.2	5.9	5.6	6.9	11.6	11.7	44.7	4,479,800
Appalachian South Carolina	-5.2	1.3	3.0	-7.3	1.4	-3.5	4.8	5.9	5.3	6.4	11.5	11.2	46.1	1,144,265
Tennessee	-1.3	1.0	-0.2	-3.0	1.1	-4.9	4.7	5.3	4.8	6.4	10.4	9.2	45.8	6,214,888
Appalachian Tennessee	-0.7	1.0	-0.2	-2.4	1.1	-5.2	4.9	5.4	4.8	6.4	10.6	8.5	45.6	2,745,503
Virginia	2.0	1.7	0.9	0.1	1.9	-2.7	3.2	4.2	3.0	4.0	7.0	9.7	51.0	7,769,089
Appalachian Virginia	1.3	0.3	2.6	-0.7	0.6	-2.7	5.1	6.2	4.4	5.5	9.9	0.0	45.4	757,772
West Virginia	-1.8	0.2	-2.1	-2.3	0.5	-6.5	5.2	5.9	4.3	4.3	8.6	0.3	42.5	1,814,468

Average Annual Employment Change Q2 2008 - Q2 2009



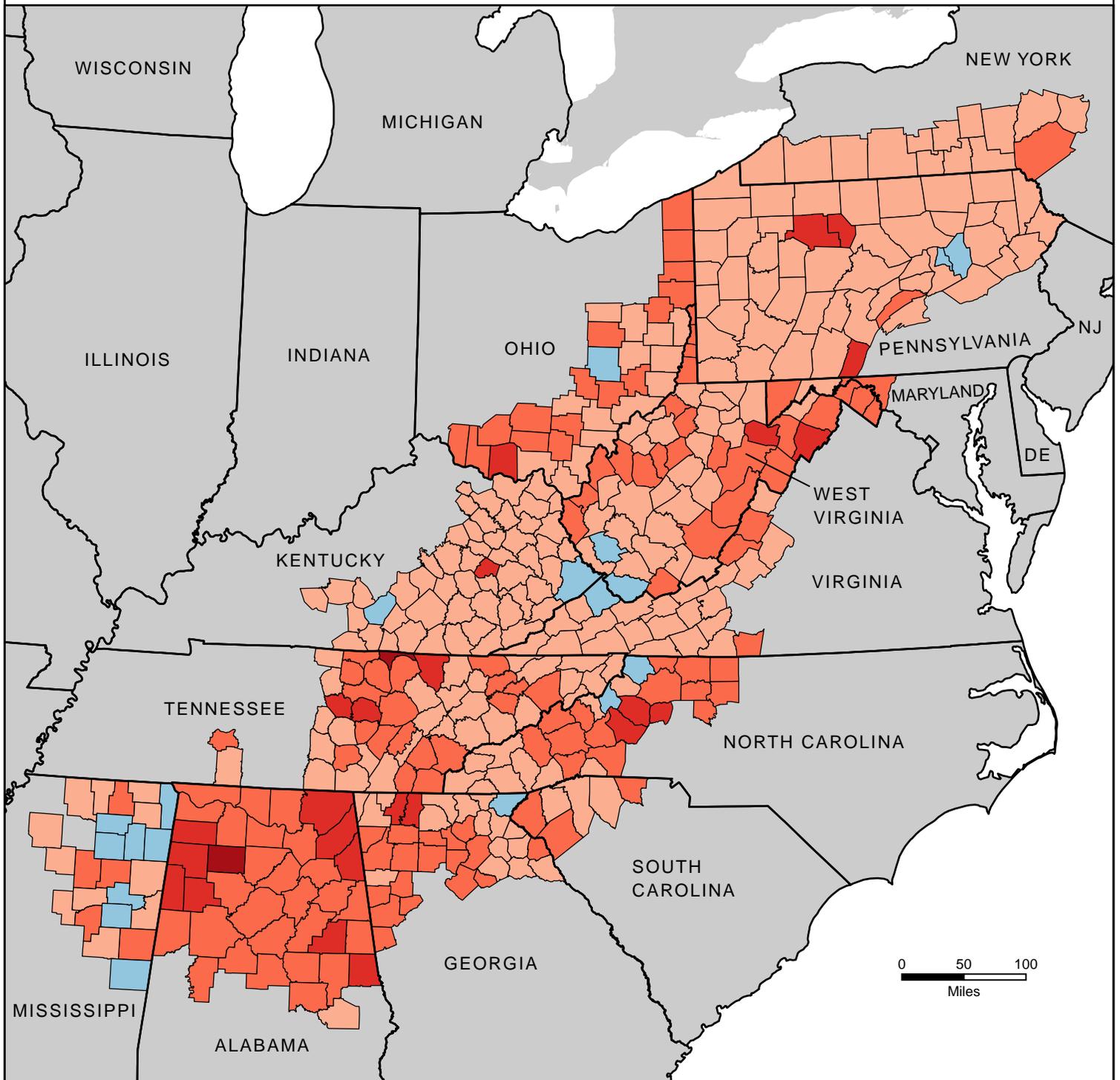
Employment Change

Q2 2008 - Q2 2009



U.S. average = -3.8%
Appalachian average = -4.6%

Average Annual Employment Change Q1 2008 - Q1 2009



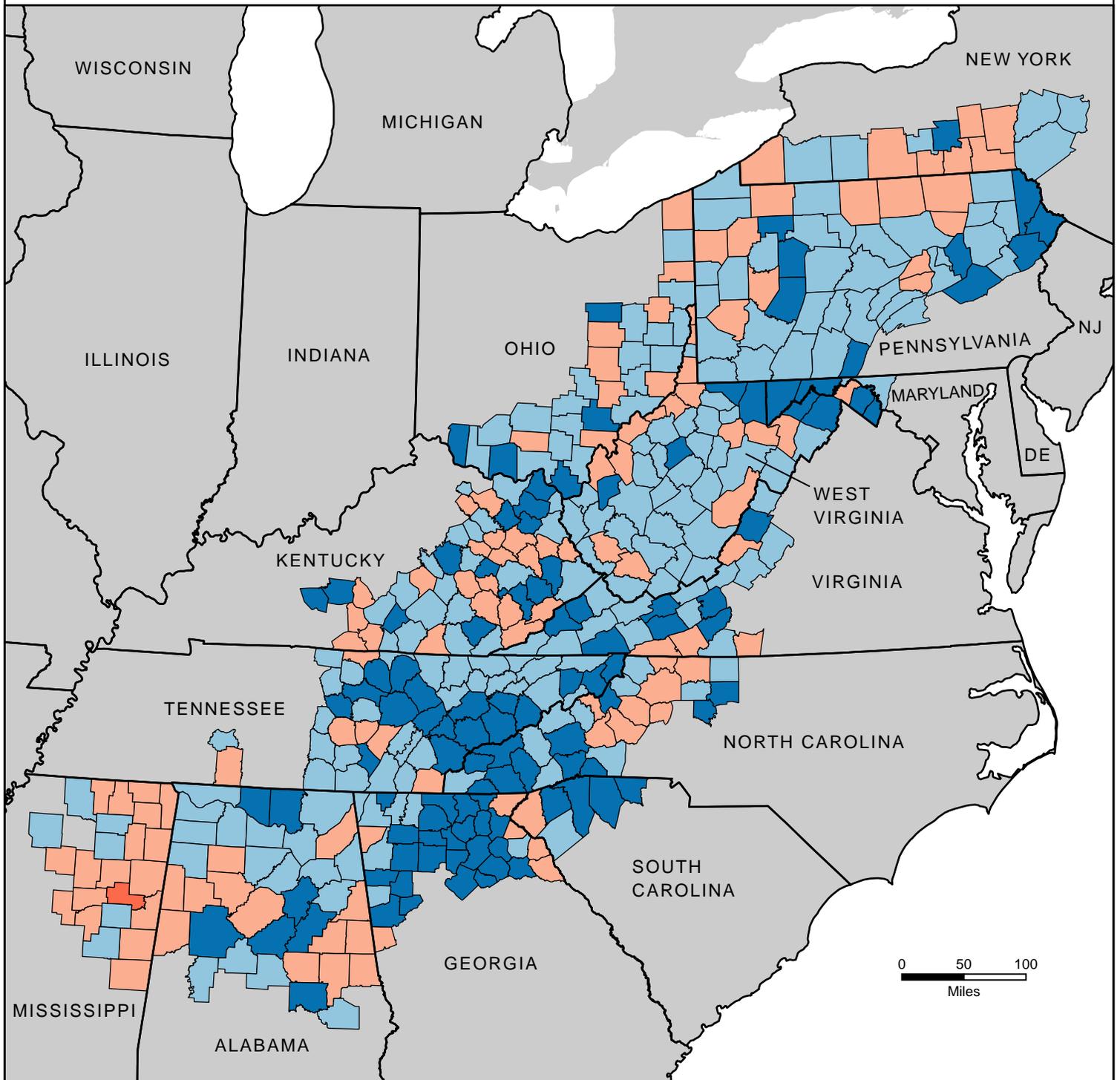
Employment Change

Q1 2008 - Q1 2009



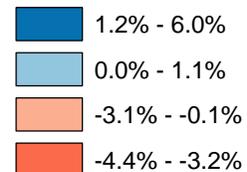
U.S. average = -3.2%
Appalachian average = -3.6%

Average Annual Employment Change Q1 2002 - Q1 2008



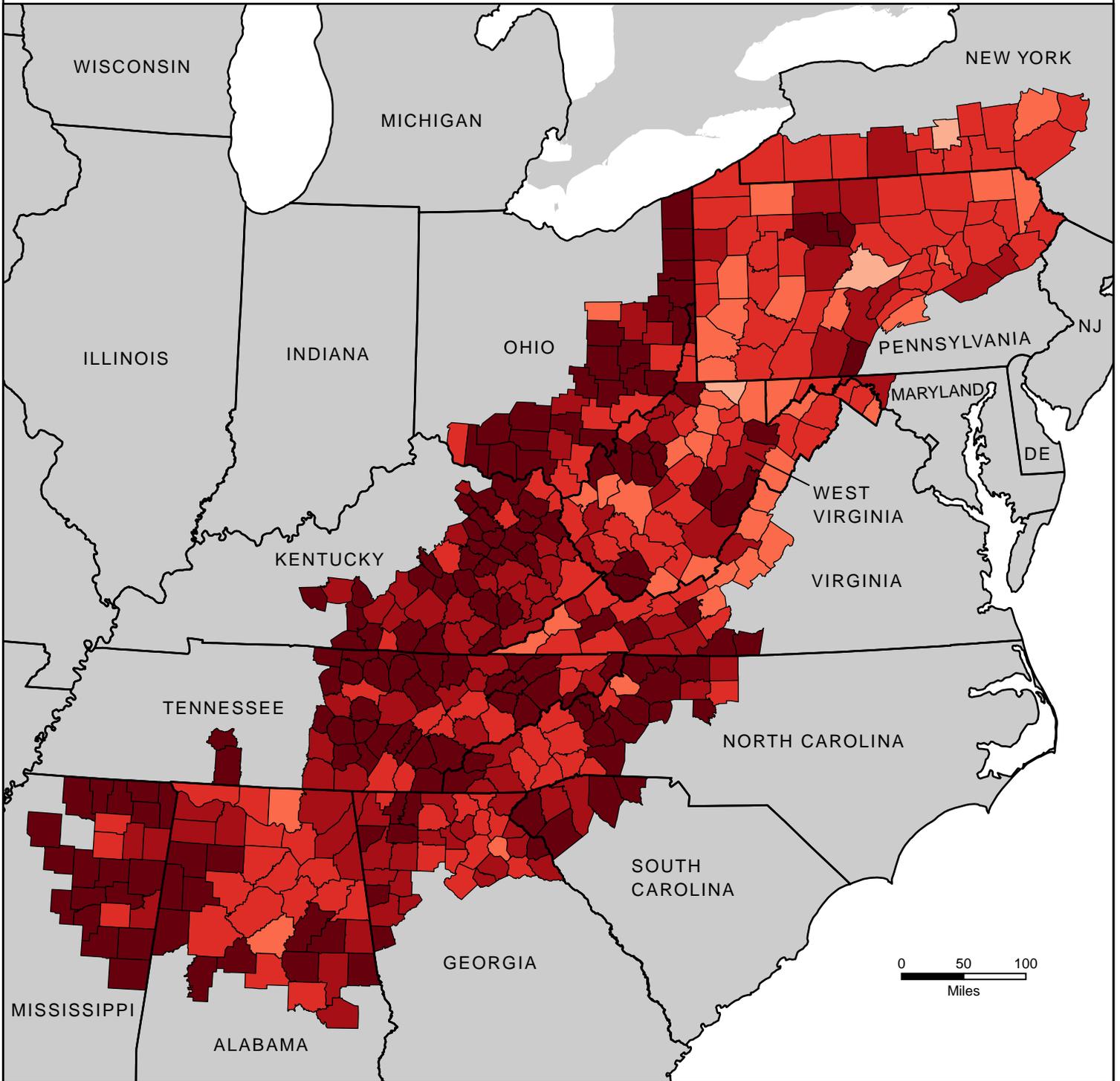
Employment Change

Q1 2002 - Q1 2008

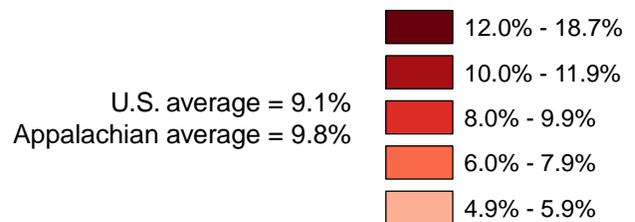


U.S. average = 1.2%
Appalachian average = 0.8%

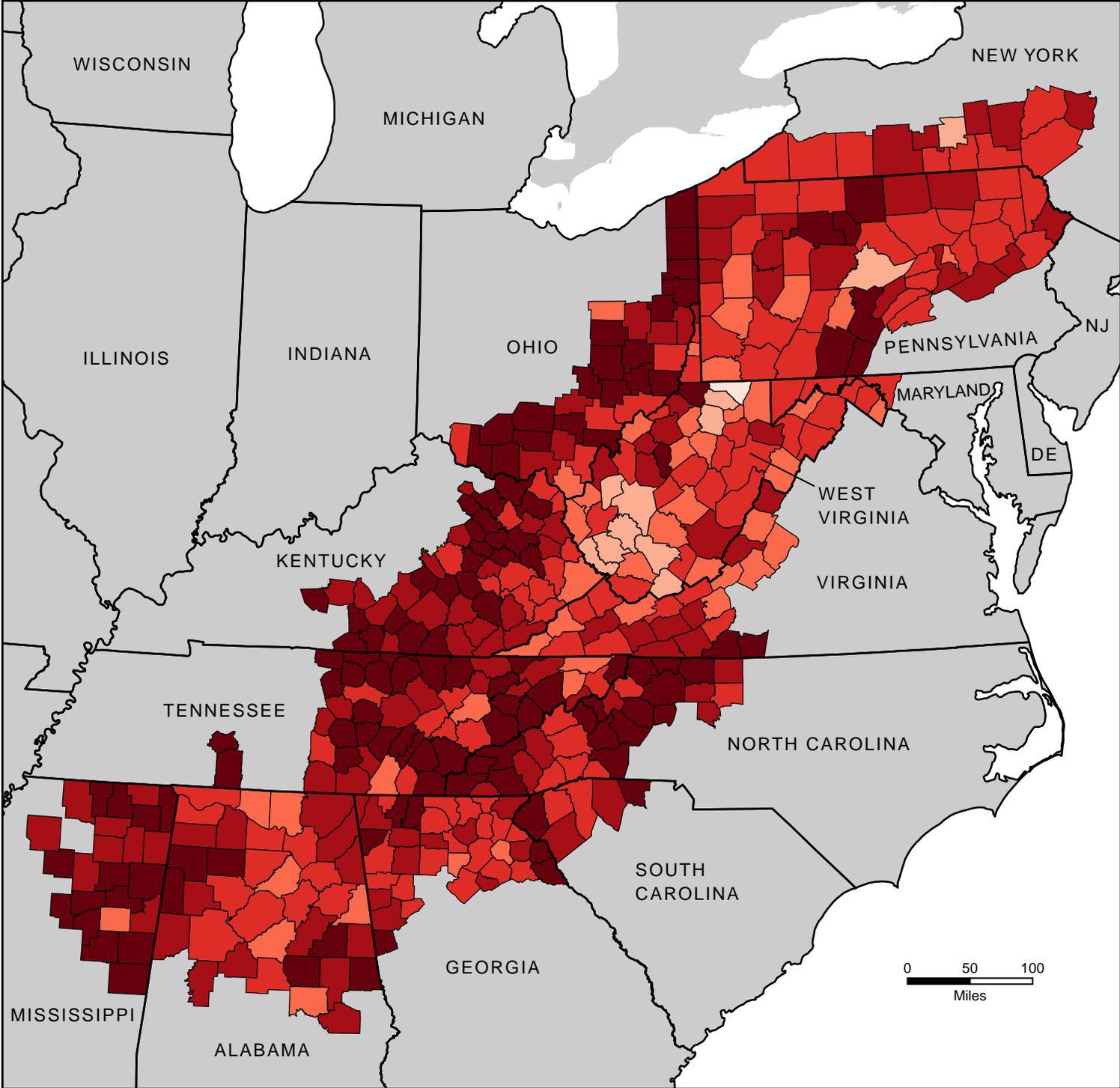
Unemployment Rate, Q2 2009



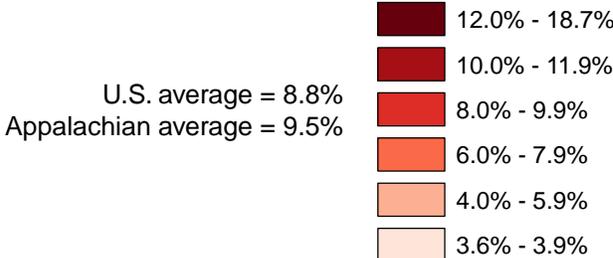
Unemployment Rate, Q2 2009



Unemployment Rate, Q1 2009

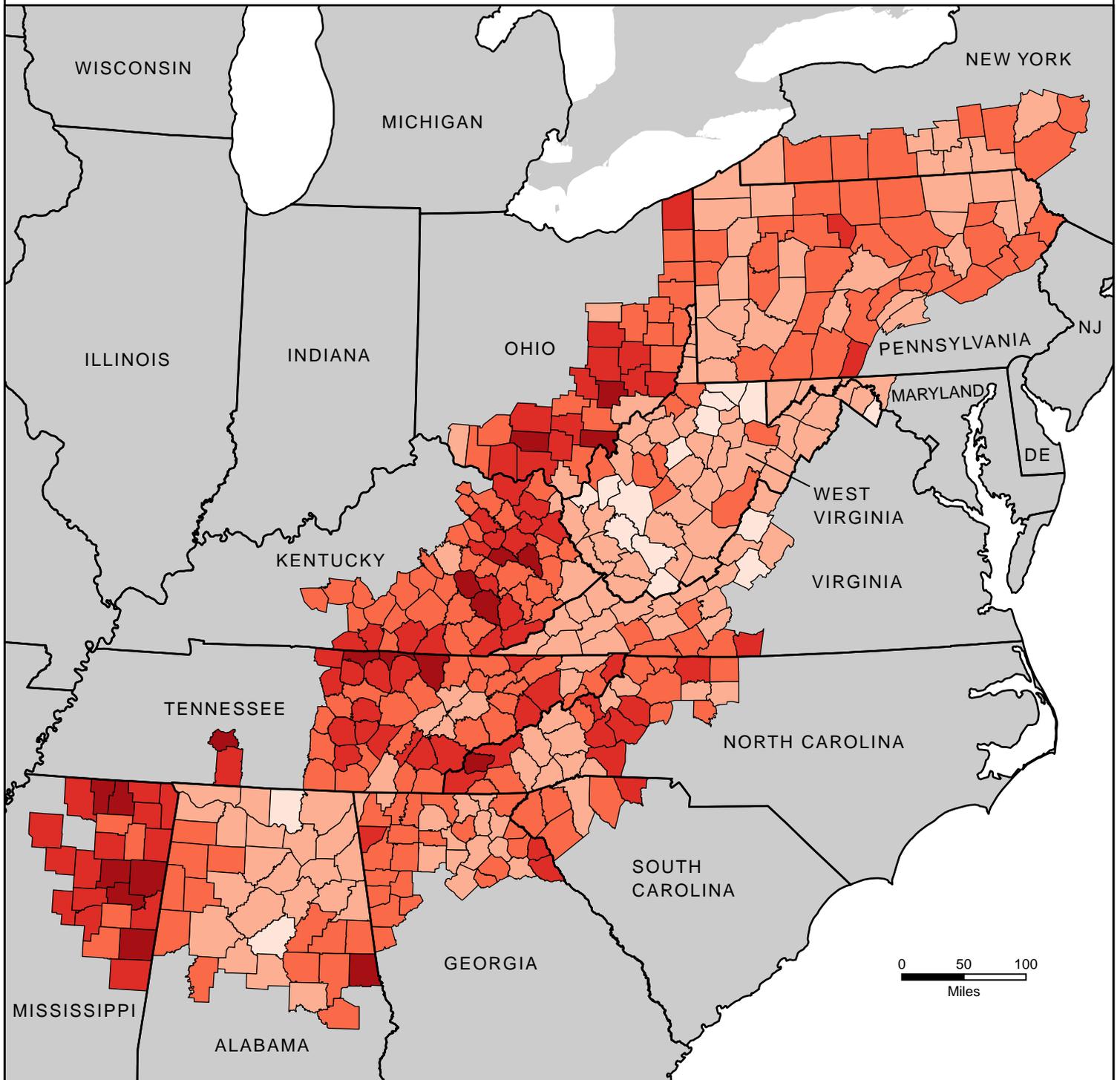


Unemployment Rate, Q1 2009

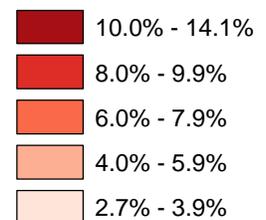


Map Created: June 2009.
Data Source: U.S. Bureau of Labor Statistics, LAUS, 2009.

Unemployment Rate, 2008

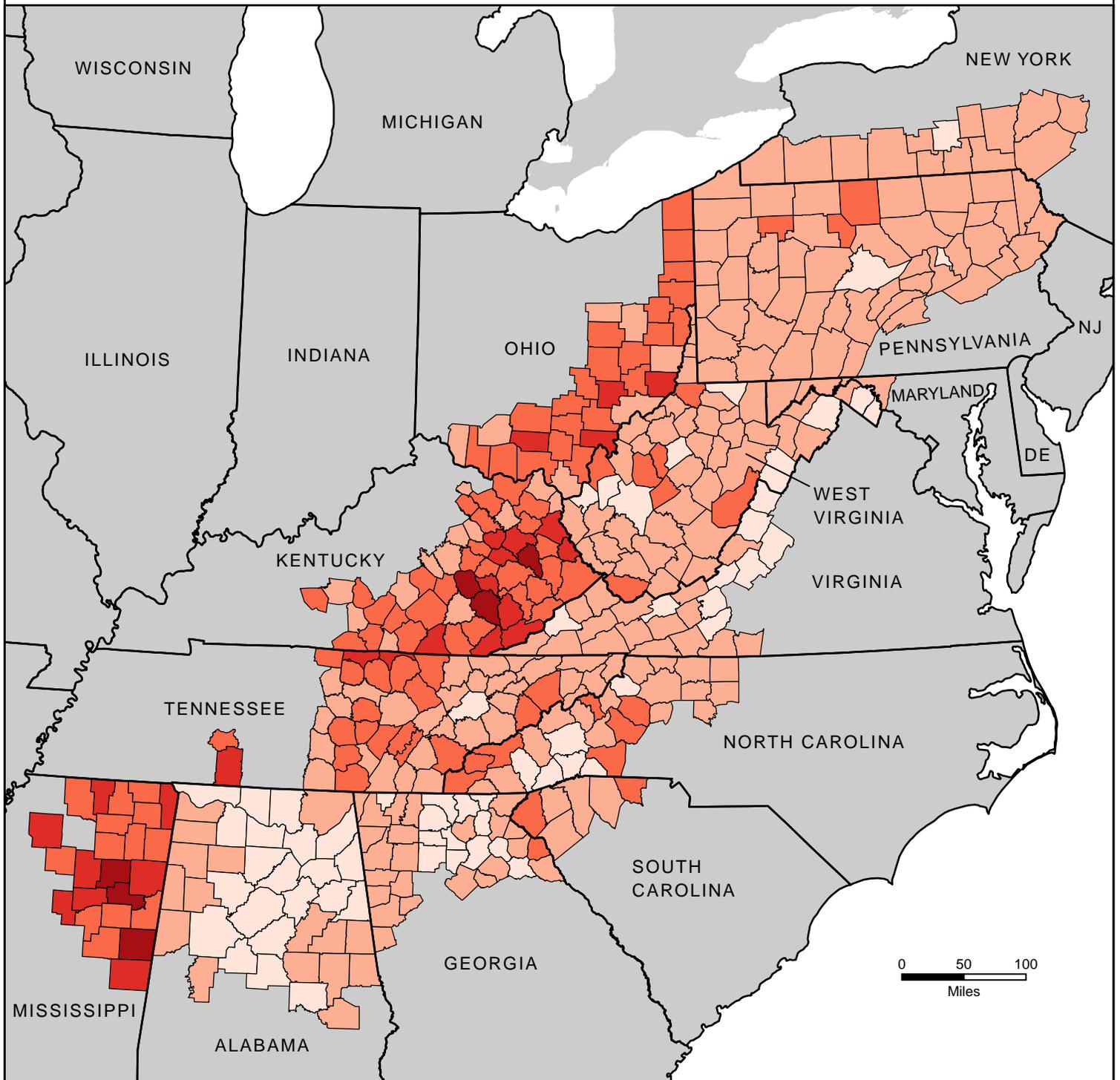


Unemployment Rate, 2008

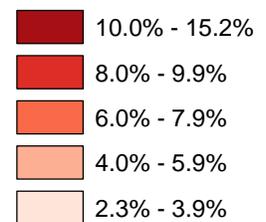


U.S. average = 5.8%
Appalachian average = 5.9%

Unemployment Rate, 2007

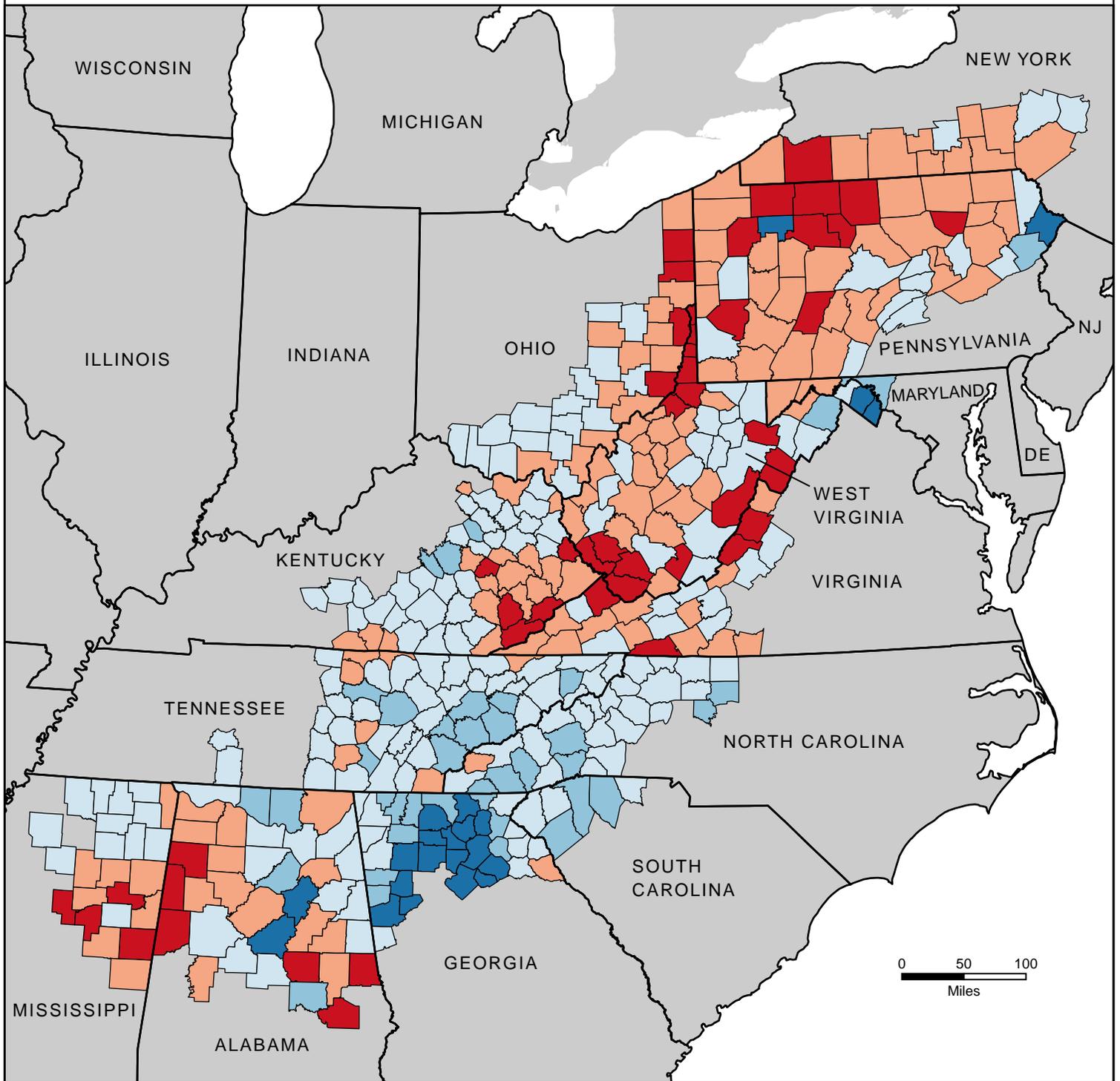


Unemployment Rate, 2007



U.S. average = 4.6%
Appalachian average = 4.7%

Percent Population Change, 2000 - 2008

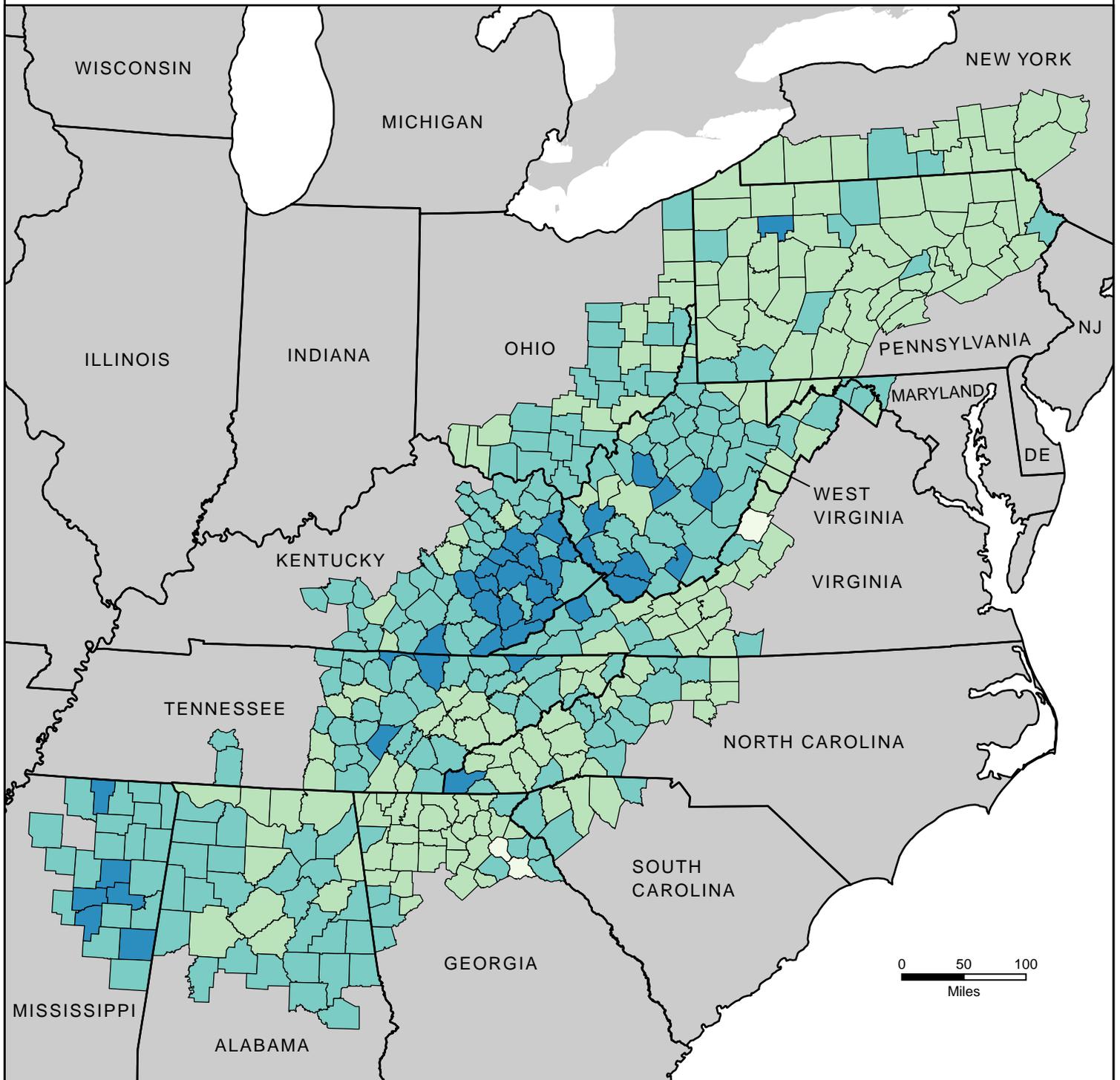


Percent Pop. Change

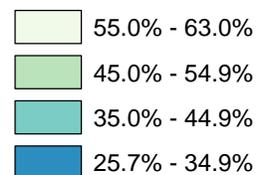


U.S. average = 8.0%
Appalachian average = 5.0%

Employment - Population Ratio, 2008



Emp. - Pop. Ratio



U.S. average = 47.8%
Appalachian average = 45.8%