

# COUNTY PROFILE: Clay County, Tennessee

## US COUNTY PERFORMANCE

The Institute for Health Metrics and Evaluation (IHME) at the University of Washington analyzed the performance of all 3,142 US counties or county-equivalents in terms of life expectancy at birth, mortality rates for select causes, alcohol use, smoking prevalence, obesity prevalence, and recommended physical activity using novel small area estimation techniques and the most up-to-date county-level information.

Explore more results using the interactive US Health Map data visualization (<http://vizhub.healthdata.org/subnational/usa>).

## FINDINGS: LIFE EXPECTANCY

Sex	Clay County	Tennessee	National	National rank	% change 1980-2014
Female	77.9	78.9	81.5	2671	+0.1
Male	71.4	73.7	76.7	2874	+4.5

life expectancy at birth (years), 2014

Fig. 1: Female life expectancy, 2014

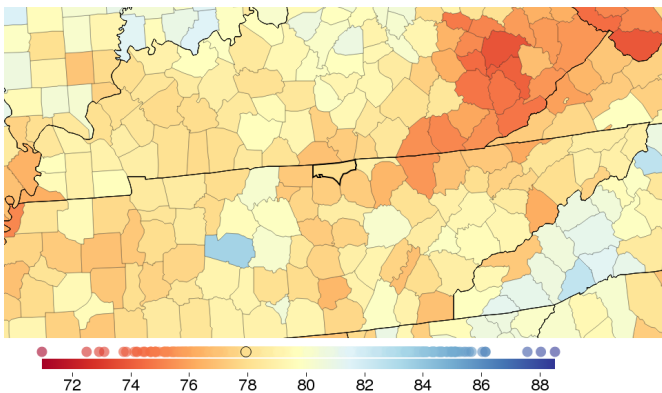
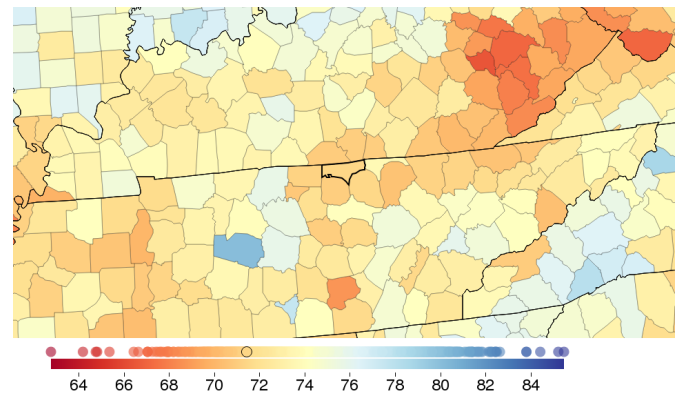


Fig. 2: Male life expectancy, 2014



## FINDINGS: ALL-CAUSE MORTALITY

Sex	Clay County	Tennessee	National	National rank	% change 1980-2014
Female	878.7	811.8	667.8	2721	+9.7
Male	1298.7	1148.8	930.1	2847	-13.4

rate per 100,000 population, age-standardized, 2014

Fig. 3: Female all-cause mortality, 2014

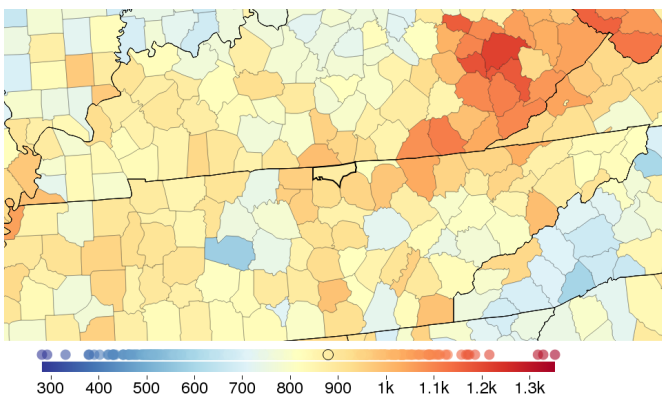
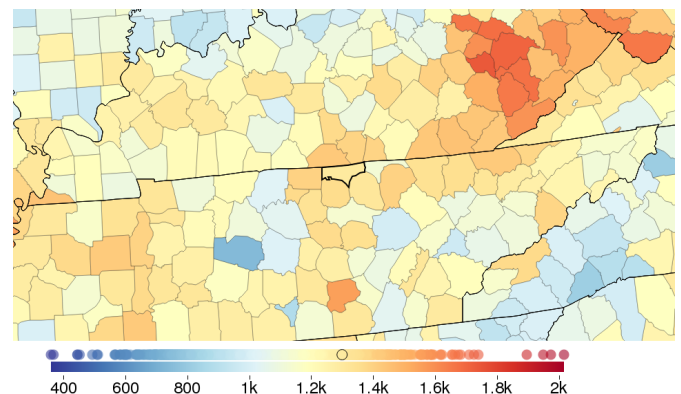


Fig. 4: Male all-cause mortality, 2014

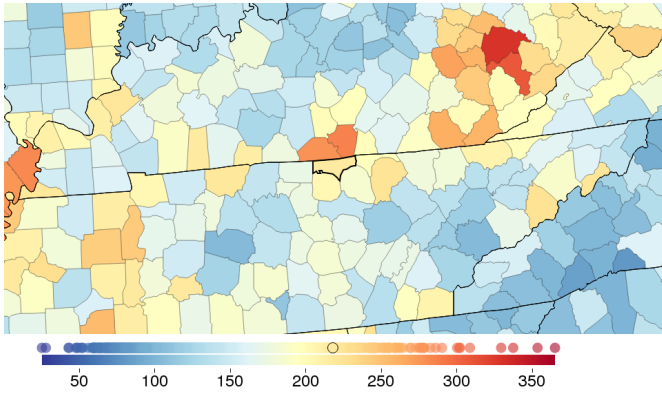


## FINDINGS: ISCHEMIC HEART DISEASE

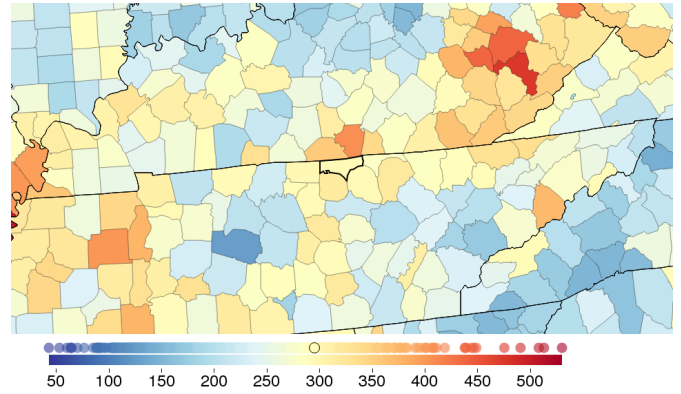
Sex	Clay County	Tennessee	National	National rank	% change 1980-2014
Female	217.9	151.3	124.9	3018	-20.3
Male	295.0	241.0	191.5	2877	-41.0

rate per 100,000 population, age-standardized, 2014

**Fig. 5: Female ischemic heart disease, 2014**



**Fig. 6: Male ischemic heart disease, 2014**

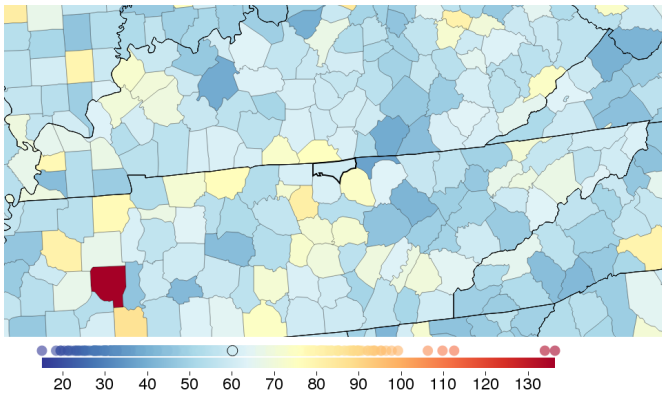


## FINDINGS: CEREBROVASCULAR DISEASE (STROKE)

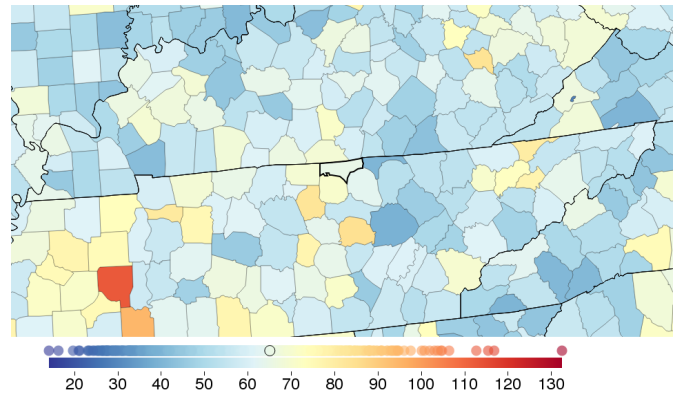
Sex	Clay County	Tennessee	National	National rank	% change 1980-2014
Female	60.1	58.3	47.4	2424	-25.6
Male	65.0	62.0	48.8	2674	-39.3

rate per 100,000 population, age-standardized, 2014

**Fig. 7: Female cerebrovascular disease (stroke), 2014**



**Fig. 8: Male cerebrovascular disease (stroke), 2014**



## FINDINGS: TRACHEAL, BRONCHUS, AND LUNG CANCER

Sex	Clay County	Tennessee	National	National rank	% change 1980-2014
Female	63.6	54.7	43.8	2827	+136.2
Male	114.0	98.5	67.6	2800	-6.2

rate per 100,000 population, age-standardized, 2014

Fig. 9: Female tracheal, bronchus, and lung cancer, 2014

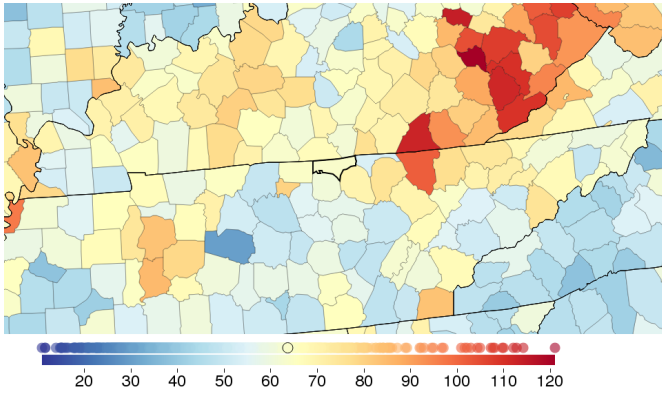
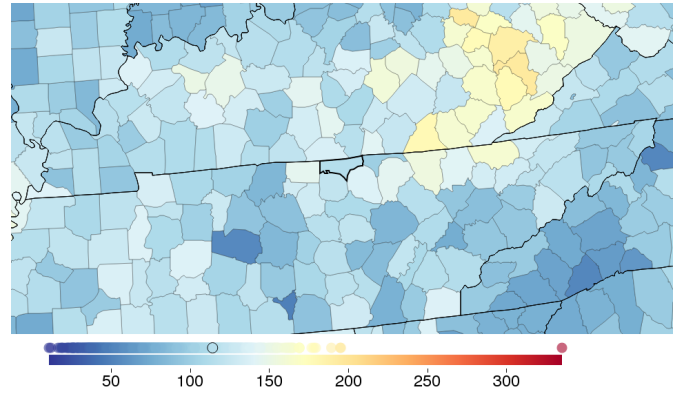


Fig. 10: Male tracheal, bronchus, and lung cancer, 2014



## FINDINGS: BREAST CANCER

Sex	Clay County	Tennessee	National	National rank	% change 1980-2014
Female	25.8	27.9	25.9	1586	-8.7
Male	0.3	0.4	0.3	1254	-14.9

rate per 100,000 population, age-standardized, 2014

Fig. 11: Female breast cancer, 2014

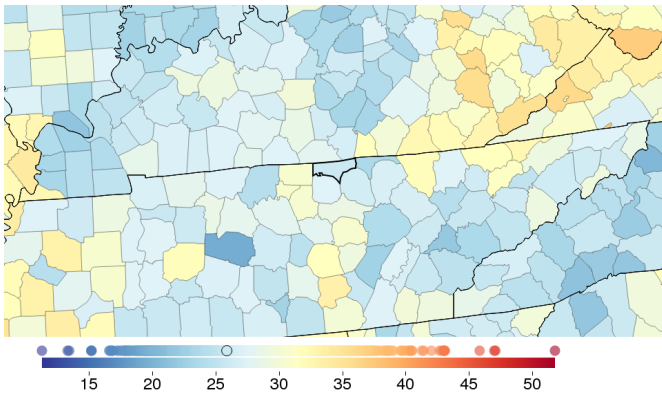
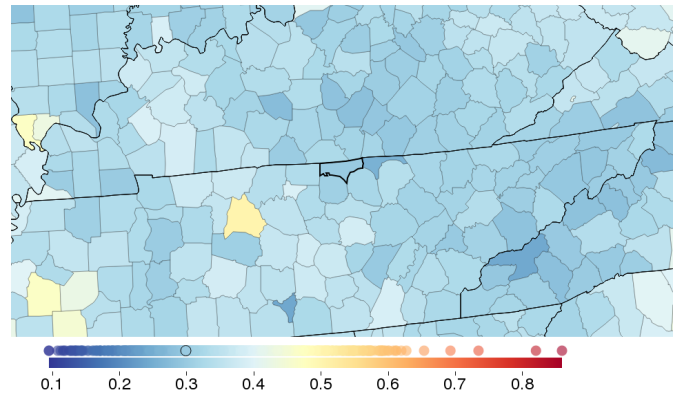


Fig. 12: Male breast cancer, 2014



## FINDINGS: MALIGNANT SKIN MELANOMA

Sex	Clay County	Tennessee	National	National rank	% change 1980-2014
Female	2.5	2.0	1.9	2701	+6.8
Male	5.9	5.3	4.5	2687	+50.0

rate per 100,000 population, age-standardized, 2014

Fig. 13: Female malignant skin melanoma, 2014

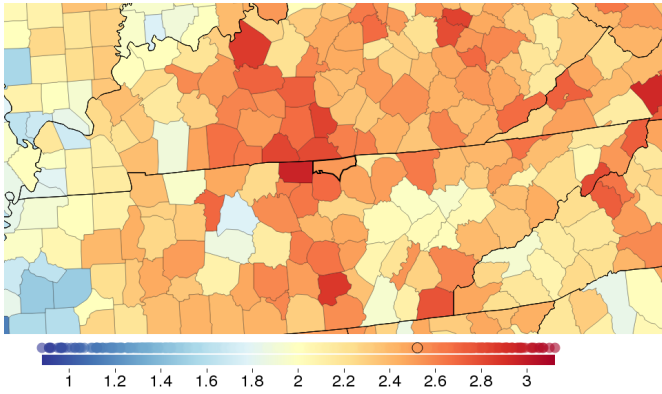
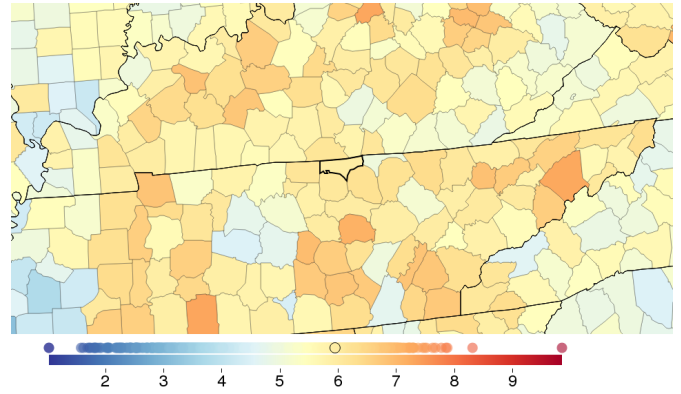


Fig. 14: Male malignant skin melanoma, 2014



## FINDINGS: DIABETES, UROGENITAL, BLOOD, AND ENDOCRINE DISEASES MORTALITY

Sex	Clay County	Tennessee	National	National rank	% change 1980-2014
Female	61.3	61.3	49.6	2015	+32.5
Male	65.5	74.2	63.8	1425	+37.3

rate per 100,000 population, age-standardized, 2014

Fig. 15: Female diabetes, urogenital, blood, and endocrine diseases mortality, 2014

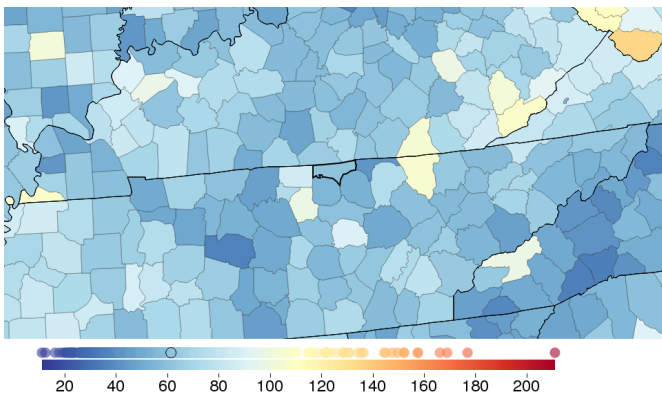
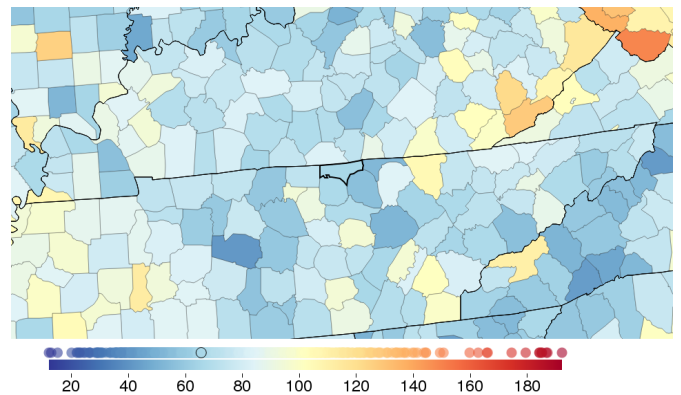


Fig. 16: Male diabetes, urogenital, blood, and endocrine diseases mortality, 2014



## FINDINGS: SELF-HARM AND INTERPERSONAL VIOLENCE MORTALITY

Sex	Clay County	Tennessee	National	National rank	% change 1980-2014
Female	13.5	11.6	9.0	2716	+39.2
Male	49.1	38.9	30.9	2883	+9.5

rate per 100,000 population, age-standardized, 2014

Fig. 17: Female self-harm and interpersonal violence mortality, 2014

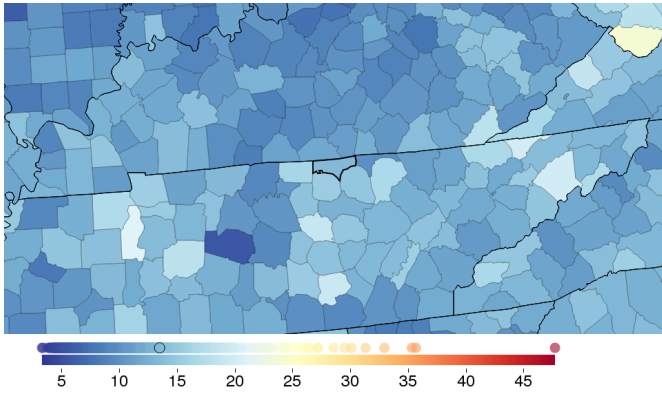
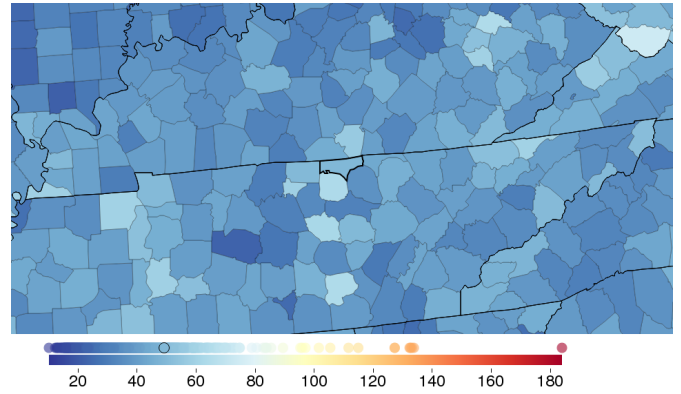


Fig. 18: Male self-harm and interpersonal violence mortality, 2014



## FINDINGS: TRANSPORT INJURIES MORTALITY

Sex	Clay County	Tennessee	National	National rank	% change 1980-2014
Female	22.3	12.1	8.1	2903	+8.5
Male	50.3	28.8	19.8	2869	-20.3

rate per 100,000 population, age-standardized, 2014

Fig. 19: Female transport injuries mortality, 2014

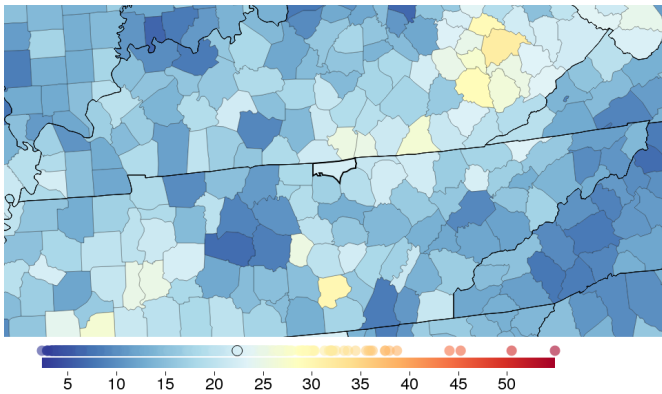
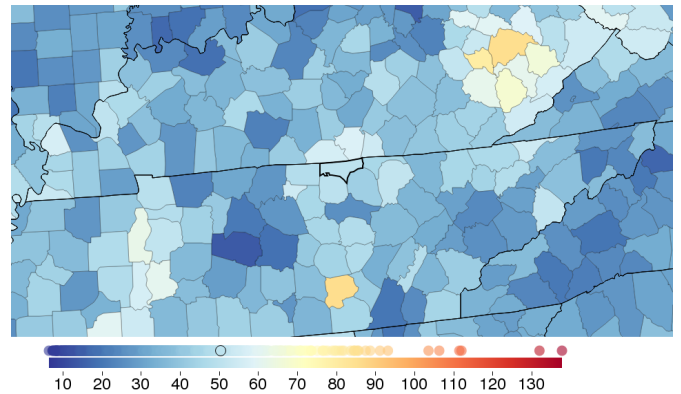


Fig. 20: Male transport injuries mortality, 2014



## FINDINGS: MENTAL AND SUBSTANCE USE DISORDERS MORTALITY

Sex	Clay County	Tennessee	National	National rank	% change 1980-2014
Female	25.8	12.4	8.2	3097	+1473.6
Male	46.4	22.9	18.7	3088	+490.5

rate per 100,000 population, age-standardized, 2014

Fig. 21: Female mental and substance use disorders mortality, 2014

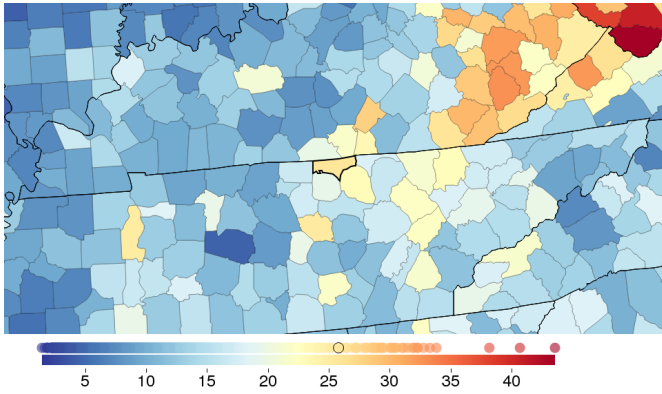
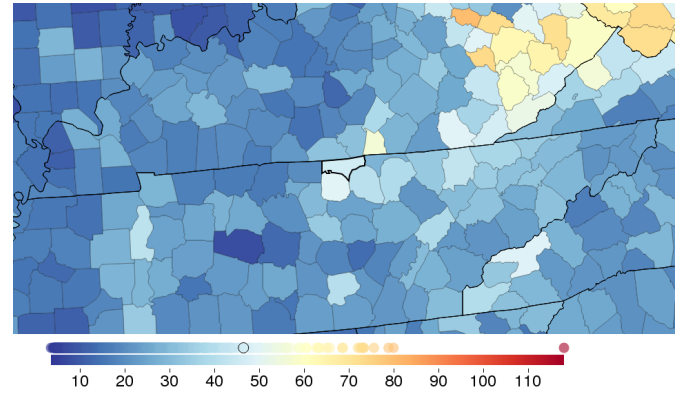


Fig. 22: Male mental and substance use disorders mortality, 2014



## FINDINGS: CIRRHOSIS AND OTHER CHRONIC LIVER DISEASES MORTALITY

Sex	Clay County	Tennessee	National	National rank	% change 1980-2014
Female	12.4	13.5	11.8	1578	+60.5
Male	37.1	26.7	22.2	2938	+41.6

rate per 100,000 population, age-standardized, 2014

Fig. 23: Female cirrhosis and other chronic liver diseases mortality, 2014

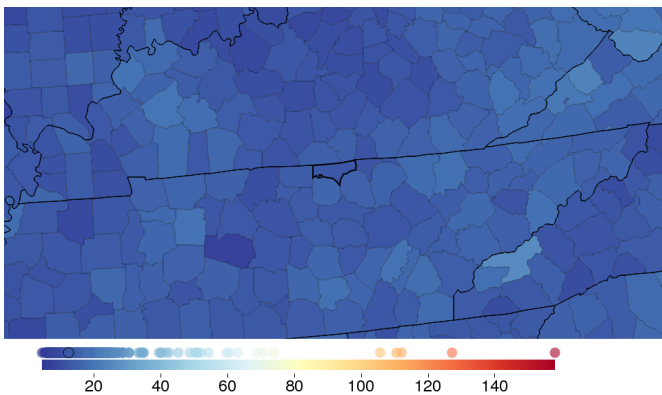
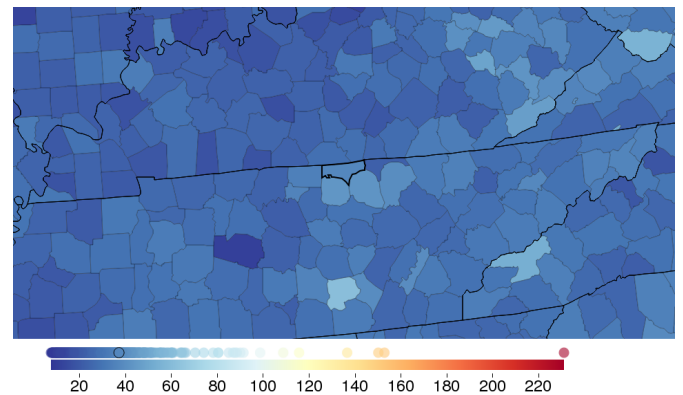


Fig. 24: Male cirrhosis and other chronic liver diseases mortality, 2014

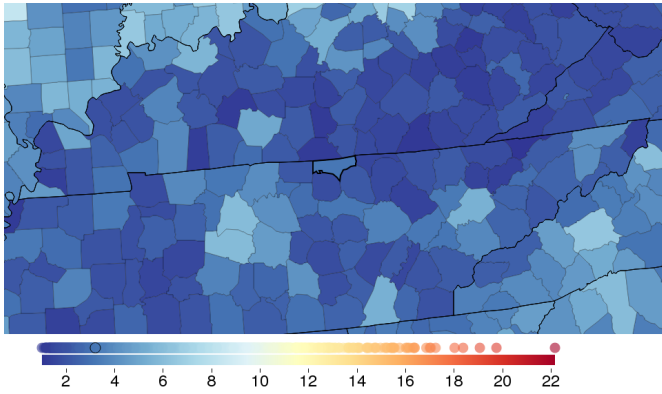


## FINDINGS: HEAVY DRINKING

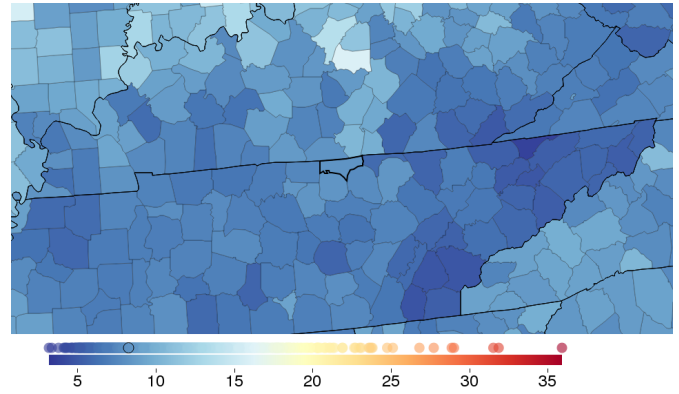
Sex	Clay County	Tennessee	National	National rank	% change 2005-2012
Female	3.2	4.0	6.7	605	+54.3
Male	8.2	7.0	9.9	666	+55.8

prevalence (%), age-standardized, 2012

**Fig. 25: Female heavy drinking, 2012**



**Fig. 26: Male heavy drinking, 2012**

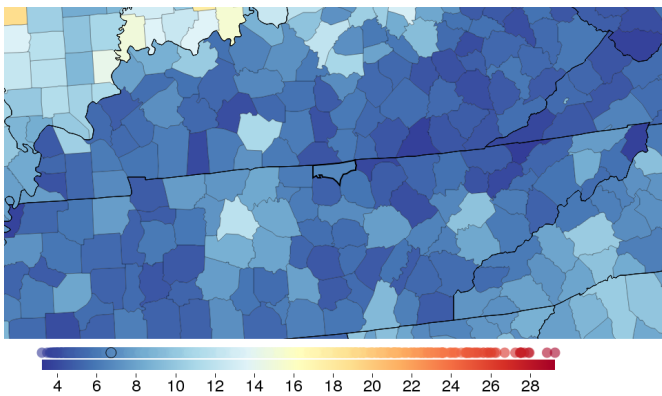


## FINDINGS: BINGE DRINKING

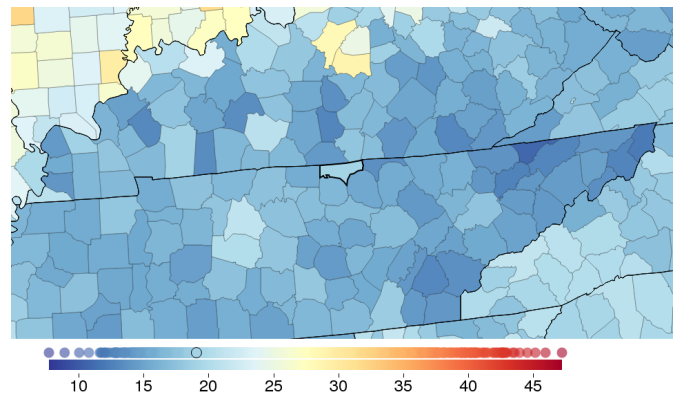
Sex	Clay County	Tennessee	National	National rank	% change 2002-2012
Female	6.7	7.9	12.4	514	+97.3
Male	19.0	17.4	24.5	554	+54.2

prevalence (%), age-standardized, 2012

**Fig. 27: Female binge drinking, 2012**



**Fig. 28: Male binge drinking, 2012**

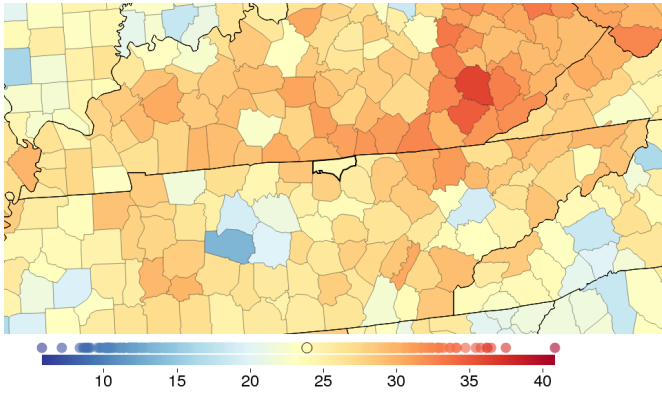


## FINDINGS: SMOKING

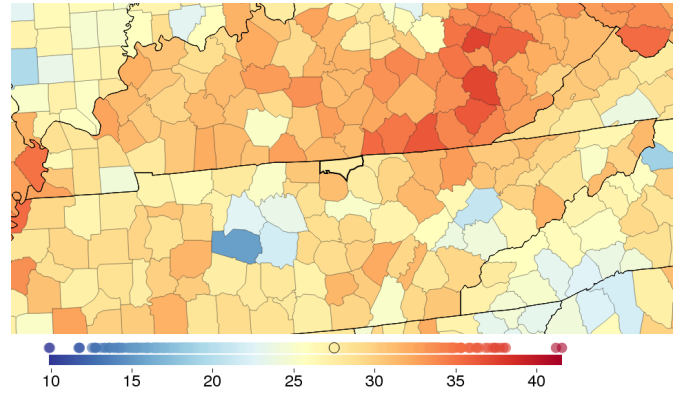
Sex	Clay County	Tennessee	National	National rank	% change 1996-2012
Female	23.9	22.1	17.9	2191	-18.3
Male	27.5	25.9	22.2	2079	-19.5

prevalence (%), age-standardized, 2012

**Fig. 29: Female smoking, 2012**



**Fig. 30: Male smoking, 2012**

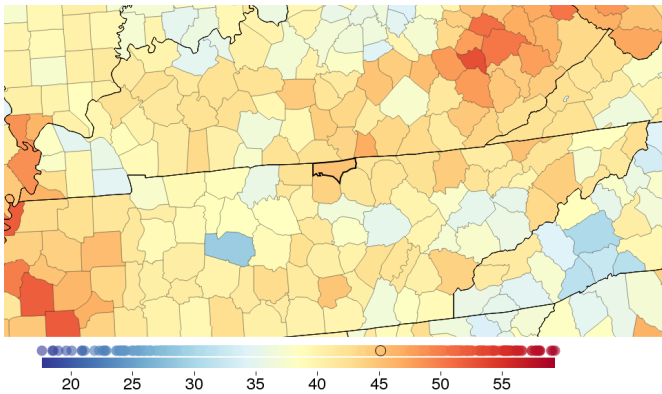


## FINDINGS: OBESITY

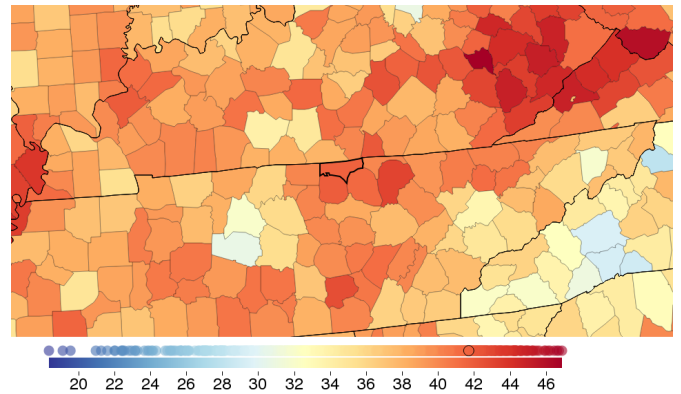
Sex	Clay County	Tennessee	National	National rank	% change 2001-2011
Female	45.1	39.9	36.1	2759	+23.6
Male	41.7	36.1	33.8	2923	+28.4

prevalence (%), age-standardized, 2011

**Fig. 31: Female obesity, 2011**



**Fig. 32: Male obesity, 2011**



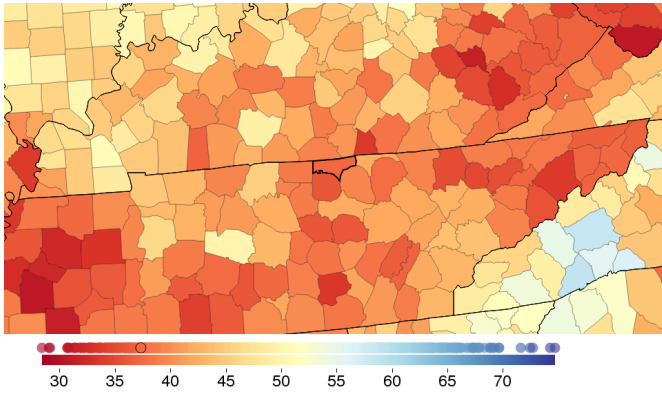


## FINDINGS: RECOMMENDED PHYSICAL ACTIVITY

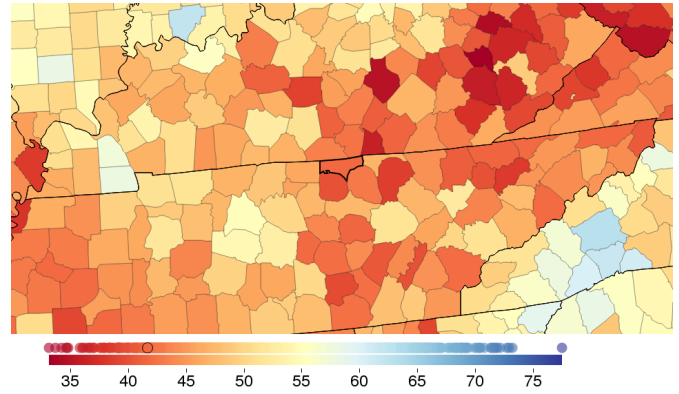
Sex	Clay County	Tennessee	National	National rank	% change 2001-2011
Female	37.3	39.9	52.6	2992	+26.8
Male	41.6	46.7	56.3	3044	+8.9

prevalence (%), age-standardized, 2011

**Fig. 33: Female recommended physical activity, 2011**



**Fig. 34: Male recommended physical activity, 2011**



### CITATION:

Institute for Health Metrics and Evaluation (IHME),  
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