

# COUNTY PROFILE: Bell County, Kentucky

## 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	Bell County	Kentucky	National	National rank	% change 1980-2014
Female	75.4	78.8	81.5	3106	+0.4
Male	70.1	73.7	76.7	3056	+5.3

life expectancy at birth (years), 2014

Fig. 1: Female life expectancy, 2014

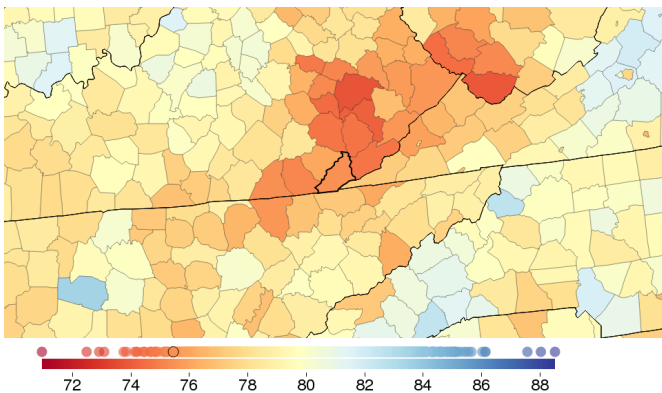
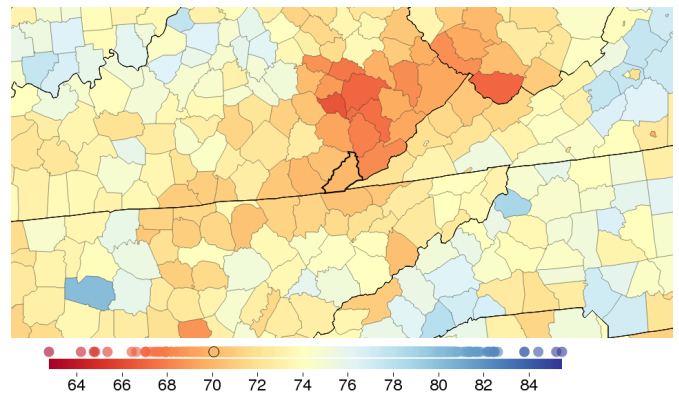


Fig. 2: Male life expectancy, 2014



## FINDINGS: ALL-CAUSE MORTALITY

Sex	Bell County	Kentucky	National	National rank	% change 1980-2014
Female	1036.5	827.2	667.8	3104	+7.2
Male	1427.5	1168.6	930.1	3057	-16.9

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

Fig. 3: Female all-cause mortality, 2014

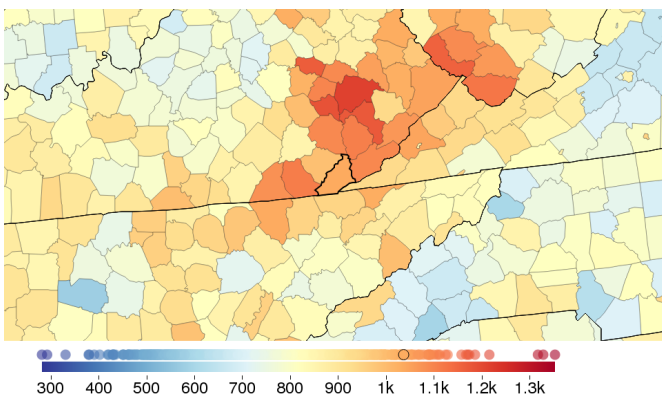
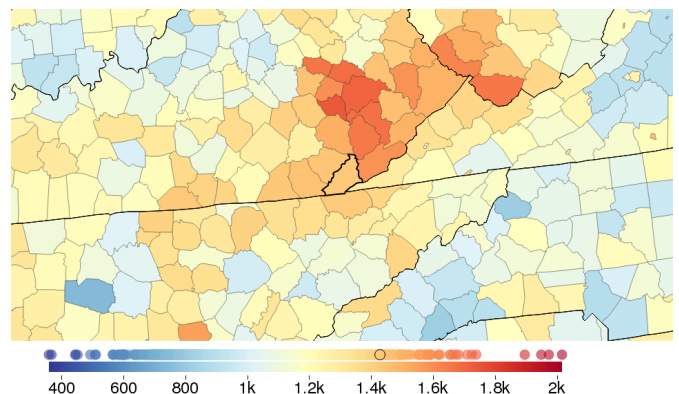


Fig. 4: Male all-cause mortality, 2014

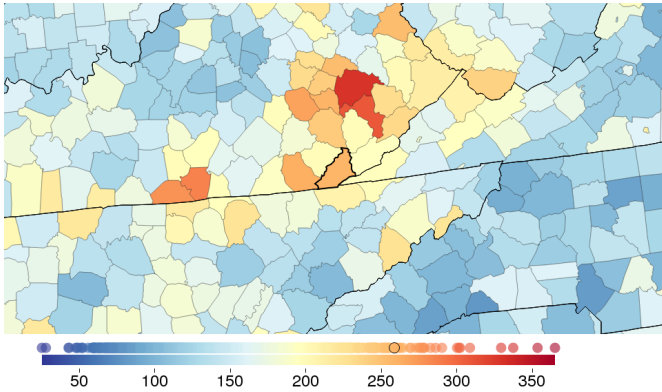


## FINDINGS: ISCHEMIC HEART DISEASE

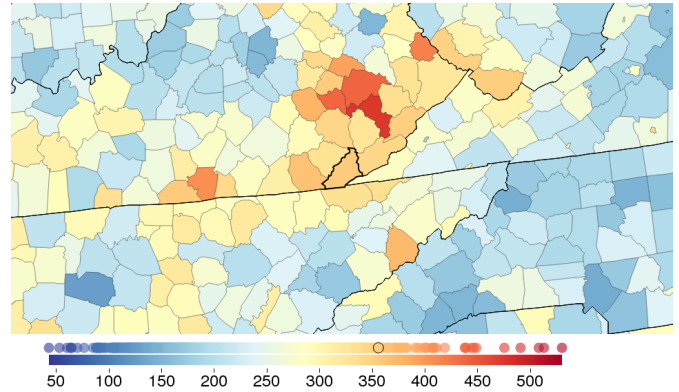
Sex	Bell County	Kentucky	National	National rank	% change 1980-2014
Female	258.6	149.9	124.9	3116	-27.4
Male	355.7	235.3	191.5	3099	-39.6

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

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



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

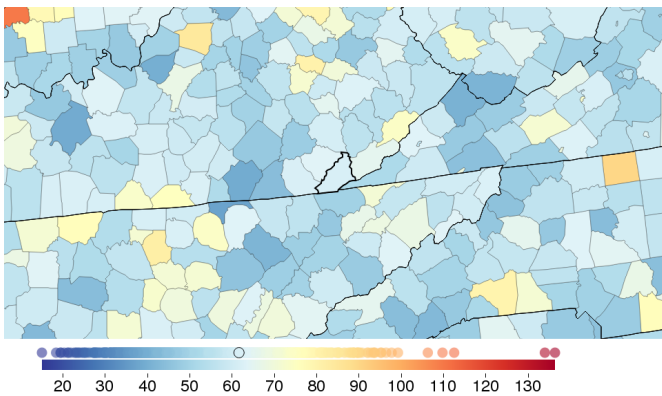


## FINDINGS: CEREBROVASCULAR DISEASE (STROKE)

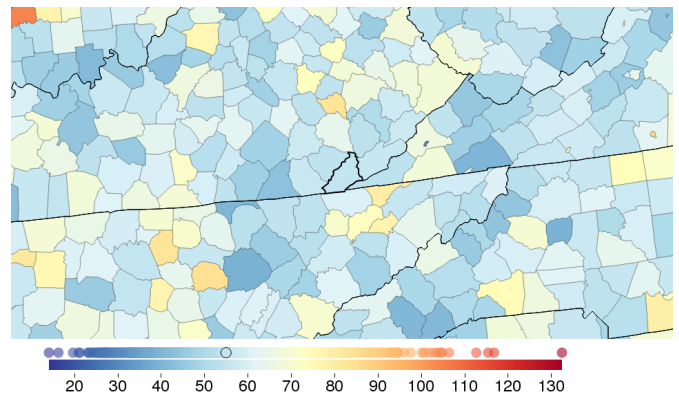
Sex	Bell County	Kentucky	National	National rank	% change 1980-2014
Female	61.6	55.3	47.4	2540	-24.2
Male	54.9	55.4	48.8	1895	-42.0

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	Bell County	Kentucky	National	National rank	% change 1980-2014
Female	84.9	67.8	43.8	3112	+108.5
Male	138.1	113.1	67.6	3069	-17.5

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

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

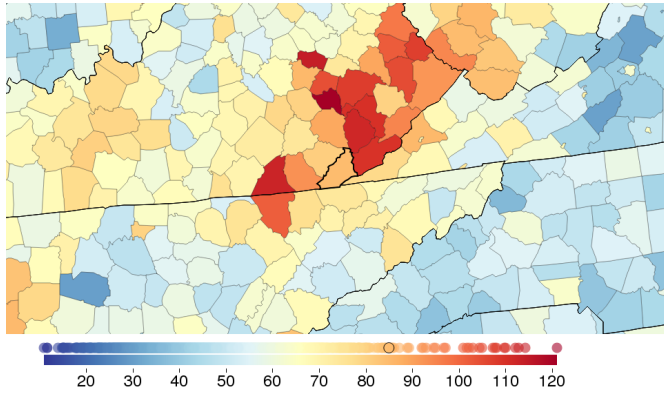
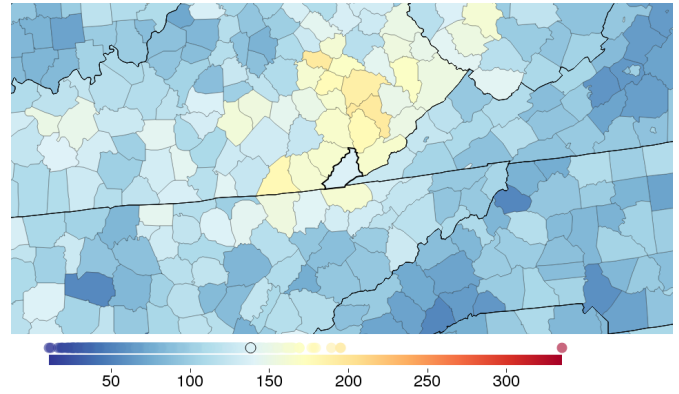


Fig. 10: Male tracheal, bronchus, and lung cancer, 2014



## FINDINGS: BREAST CANCER

Sex	Bell County	Kentucky	National	National rank	% change 1980-2014
Female	32.8	27.6	25.9	2949	-7.1
Male	0.3	0.3	0.3	1552	-19.6

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

Fig. 11: Female breast cancer, 2014

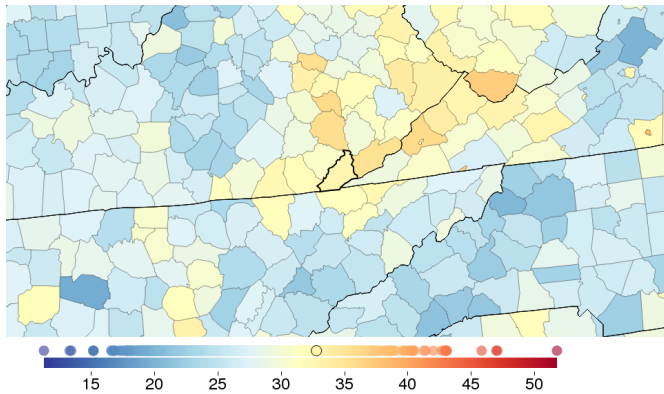
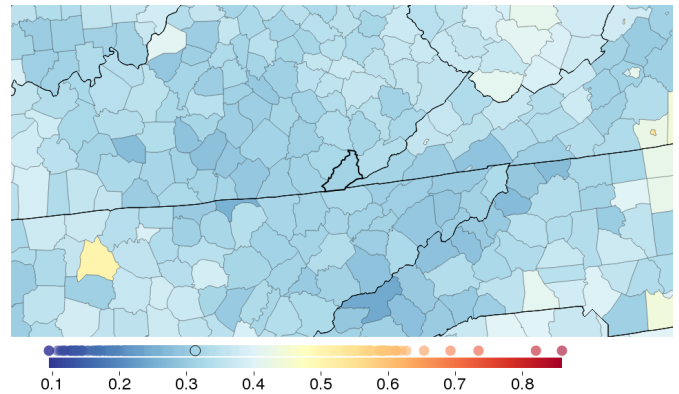


Fig. 12: Male breast cancer, 2014



## FINDINGS: MALIGNANT SKIN MELANOMA

Sex	Bell County	Kentucky	National	National rank	% change 1980-2014
Female	2.4	2.3	1.9	2481	-4.8
Male	4.9	5.6	4.5	1562	+30.7

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

Fig. 13: Female malignant skin melanoma, 2014

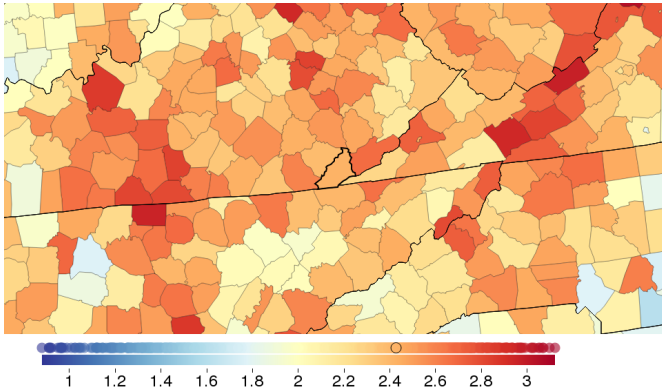
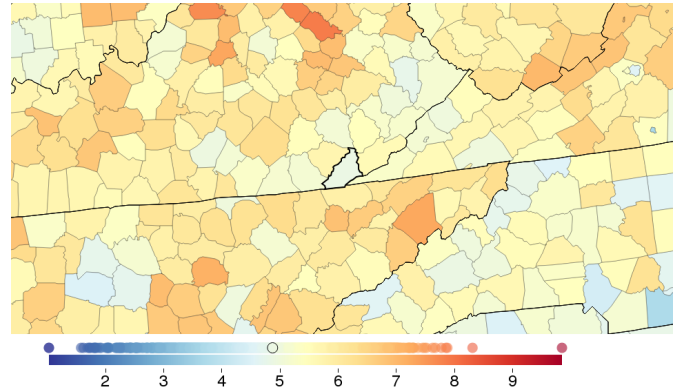


Fig. 14: Male malignant skin melanoma, 2014



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

Sex	Bell County	Kentucky	National	National rank	% change 1980-2014
Female	85.3	62.9	49.6	2947	+70.1
Male	100.0	78.4	63.8	2930	+76.1

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

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

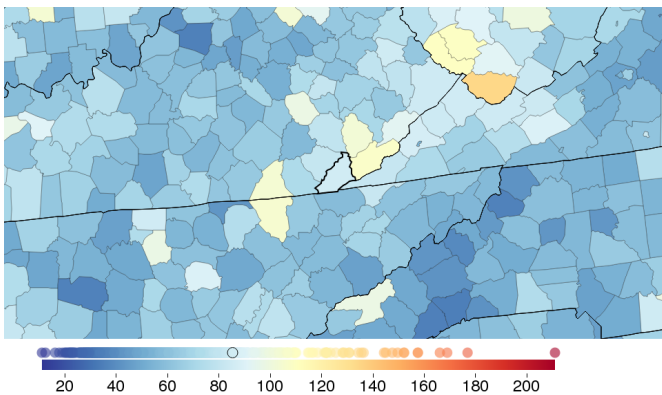
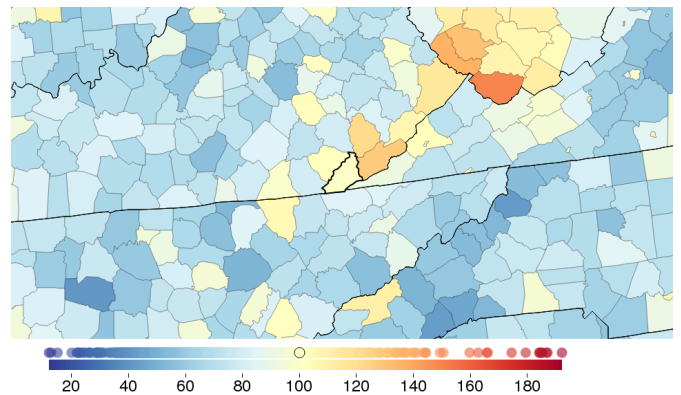


Fig. 16: Male diabetes, urogenital, blood, and endocrine diseases mortality, 2014



## FINDINGS: SELF-HARM AND INTERPERSONAL VIOLENCE MORTALITY

Sex	Bell County	Kentucky	National	National rank	% change 1980-2014
Female	18.0	10.3	9.0	3070	+28.5
Male	49.9	35.4	30.9	2912	-12.7

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

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

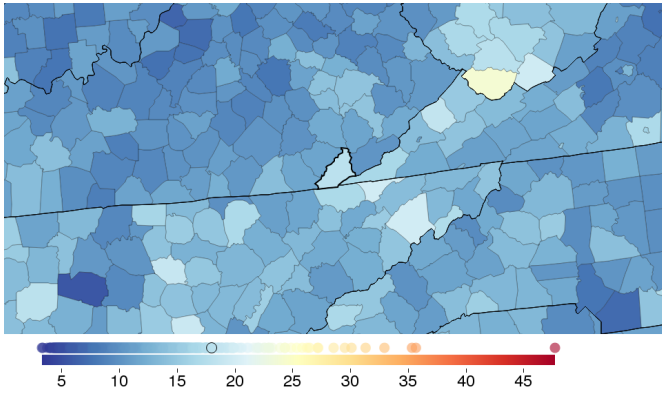
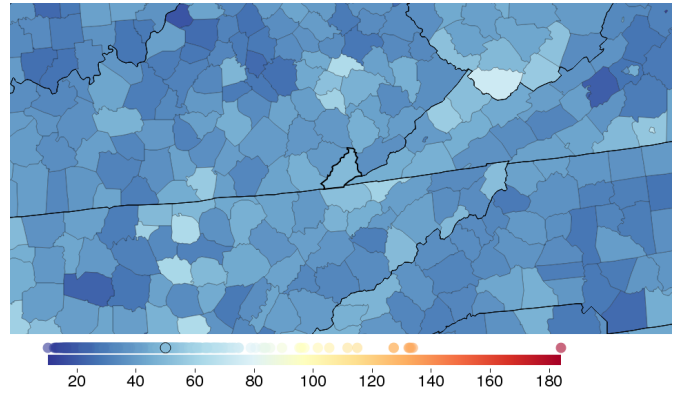


Fig. 18: Male self-harm and interpersonal violence mortality, 2014



## FINDINGS: TRANSPORT INJURIES MORTALITY

Sex	Bell County	Kentucky	National	National rank	% change 1980-2014
Female	19.9	12.7	8.1	2664	+19.0
Male	42.1	29.1	19.8	2479	-20.0

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

Fig. 19: Female transport injuries mortality, 2014

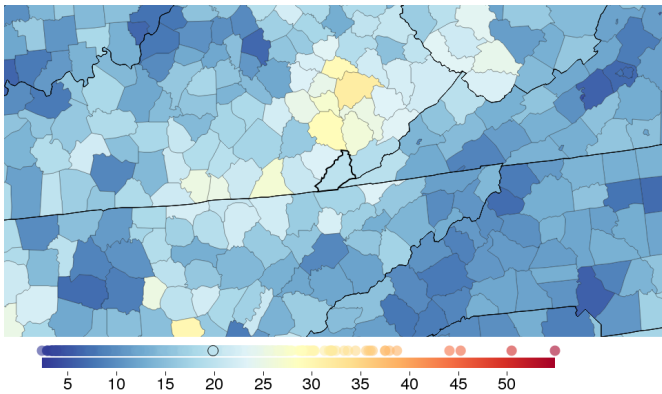
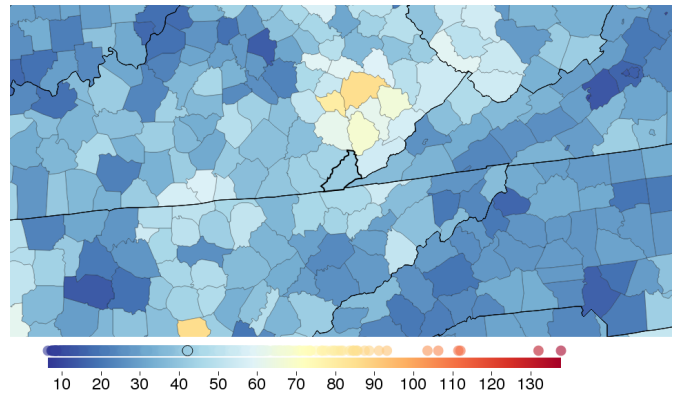


Fig. 20: Male transport injuries mortality, 2014





## FINDINGS: MENTAL AND SUBSTANCE USE DISORDERS MORTALITY

Sex	Bell County	Kentucky	National	National rank	% change 1980-2014
Female	29.2	15.0	8.2	3121	+1627.7
Male	46.6	29.1	18.7	3089	+447.9

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

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

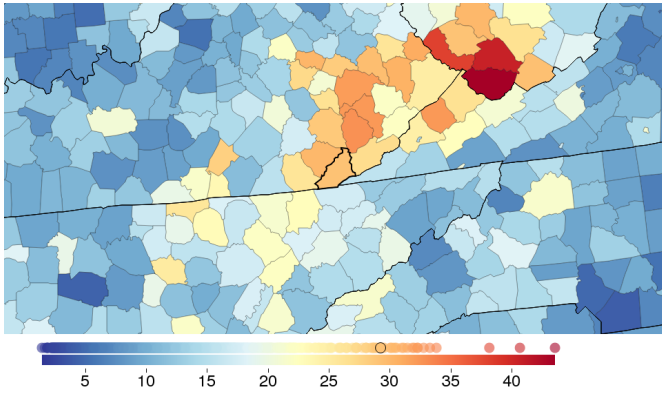
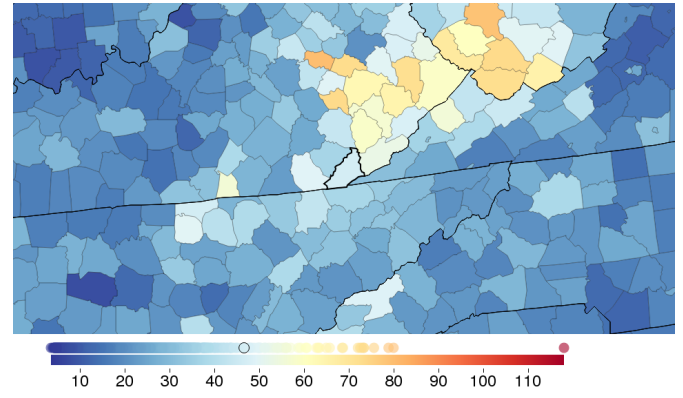


Fig. 22: Male mental and substance use disorders mortality, 2014



## FINDINGS: CIRRHOSIS AND OTHER CHRONIC LIVER DISEASES MORTALITY

Sex	Bell County	Kentucky	National	National rank	% change 1980-2014
Female	15.2	13.2	11.8	2387	+50.3
Male	30.5	25.4	22.2	2618	+11.1

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

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

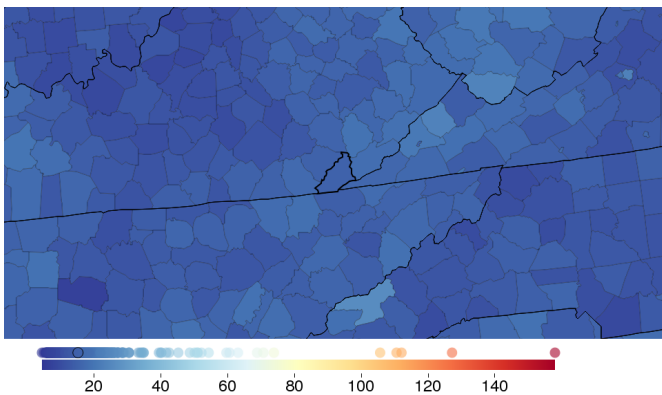
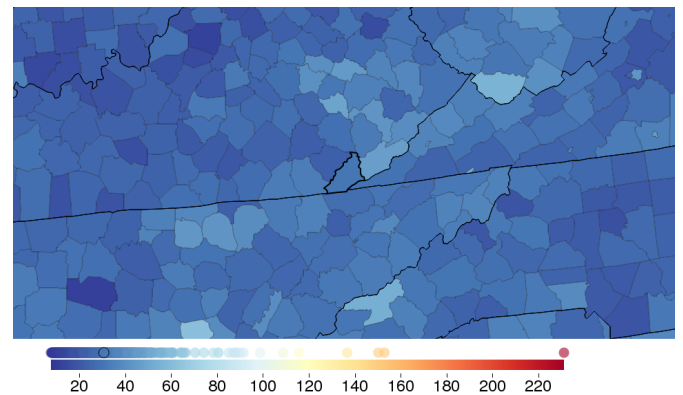


Fig. 24: Male cirrhosis and other chronic liver diseases mortality, 2014



## FINDINGS: HEAVY DRINKING

Sex	Bell County	Kentucky	National	National rank	% change 2005-2012
Female	1.7	4.6	6.7	63	+70.3
Male	5.0	10.0	9.9	19	+19.2

prevalence (%), age-standardized, 2012

Fig. 25: Female heavy drinking, 2012

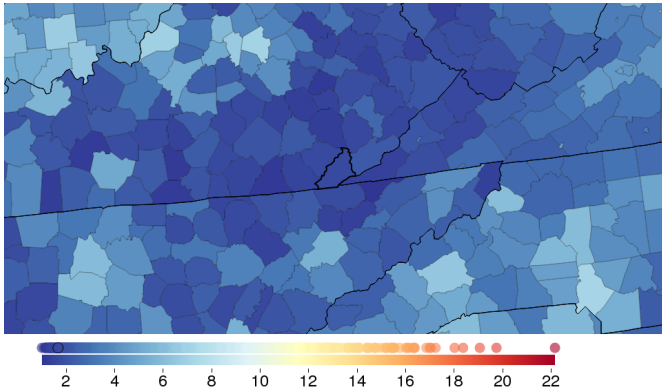
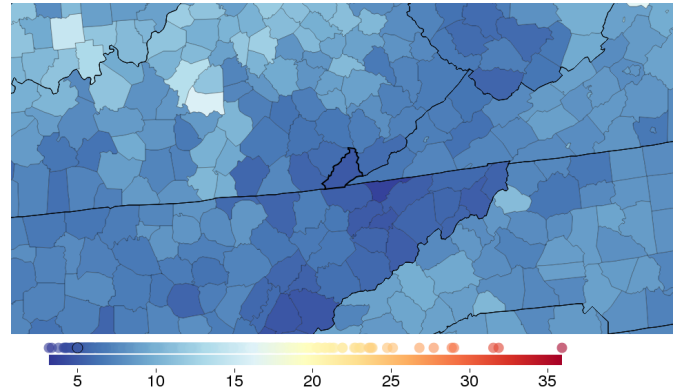


Fig. 26: Male heavy drinking, 2012



## FINDINGS: BINGE DRINKING

Sex	Bell County	Kentucky	National	National rank	% change 2002-2012
Female	4.5	9.5	12.4	54	+125.1
Male	14.1	21.0	24.5	45	+61.7

prevalence (%), age-standardized, 2012

Fig. 27: Female binge drinking, 2012

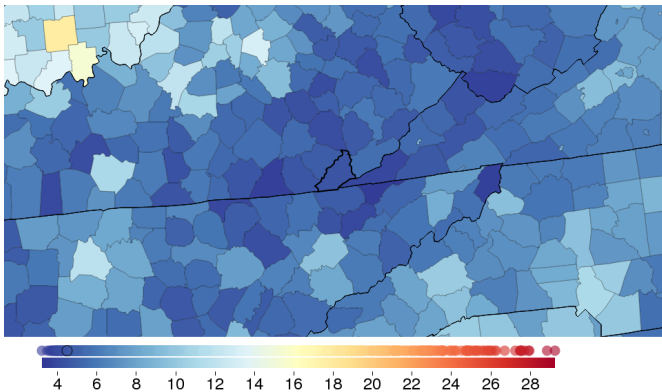
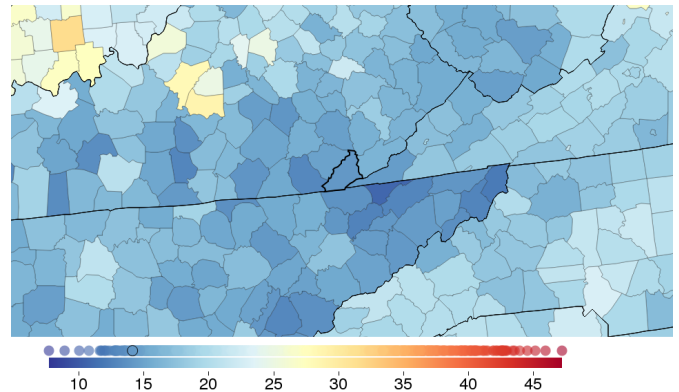


Fig. 28: Male binge drinking, 2012

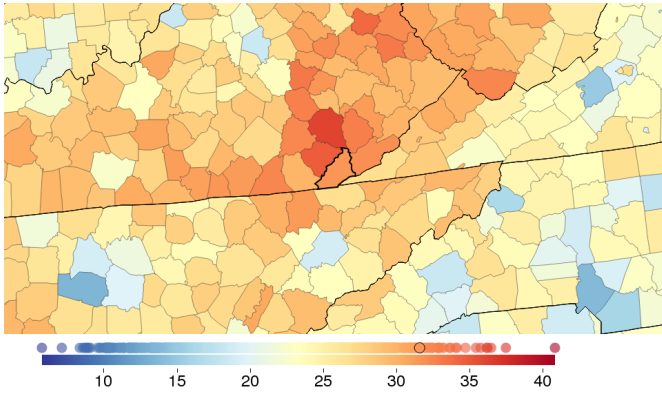


## FINDINGS: SMOKING

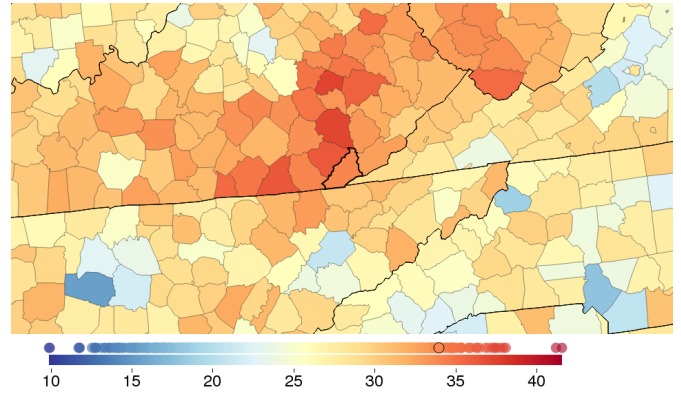
Sex	Bell County	Kentucky	National	National rank	% change 1996-2012
Female	31.6	26.0	17.9	3106	-7.4
Male	33.9	28.8	22.2	3096	-13.5

prevalence (%), age-standardized, 2012

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



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

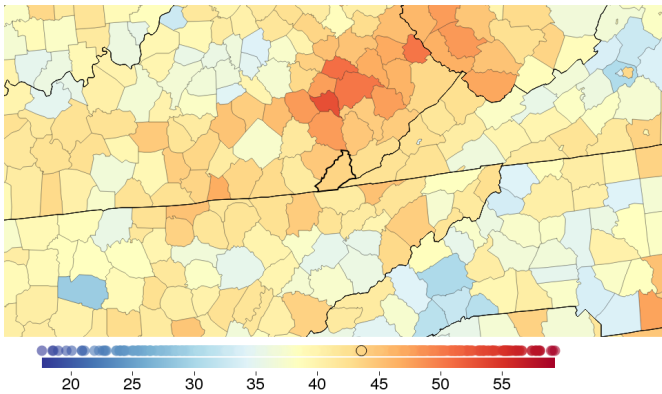


## FINDINGS: OBESITY

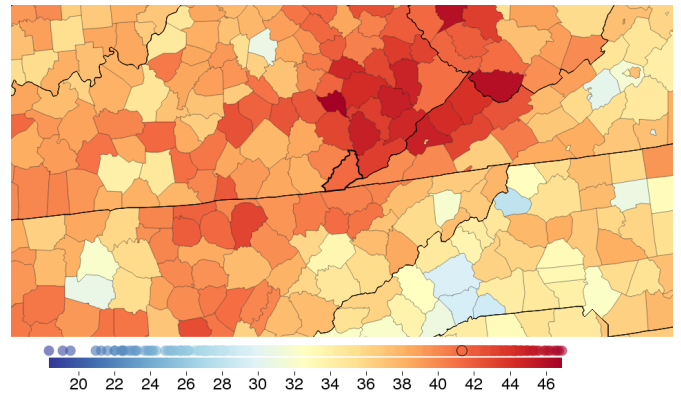
Sex	Bell County	Kentucky	National	National rank	% change 2001-2011
Female	43.5	39.3	36.1	2597	+22.6
Male	41.3	37.5	33.8	2864	+18.6

prevalence (%), age-standardized, 2011

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



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



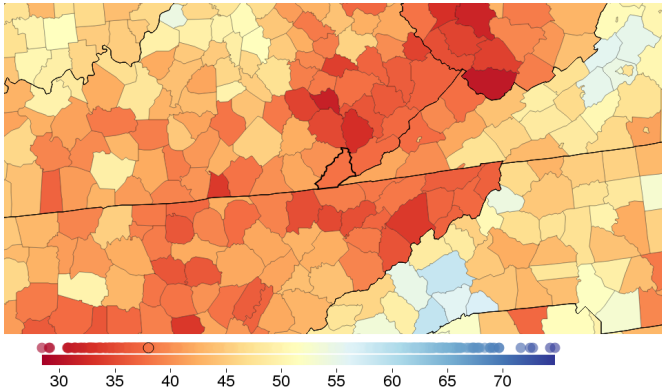


## FINDINGS: RECOMMENDED PHYSICAL ACTIVITY

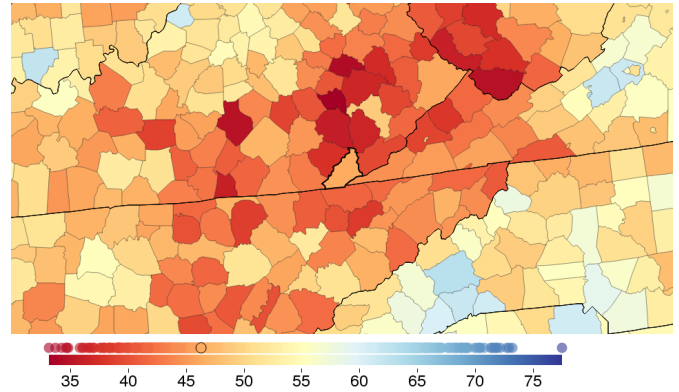
Sex	Bell County	Kentucky	National	National rank	% change 2001-2011
Female	38.0	45.8	52.6	2953	+47.0
Male	46.3	49.9	56.3	2729	+29.6

prevalence (%), age-standardized, 2011

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



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



### CITATION:

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 Seattle, WA: IHME, 2016.

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