

COUNTY PROFILE: Burke County, North Dakota

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>).

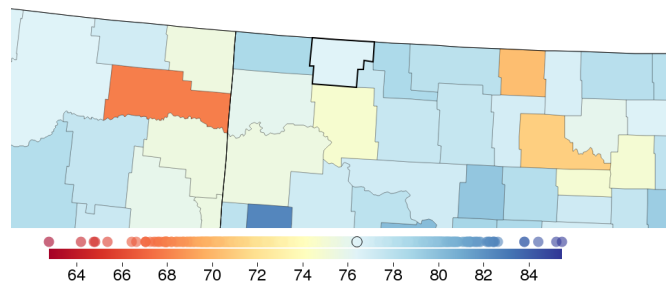
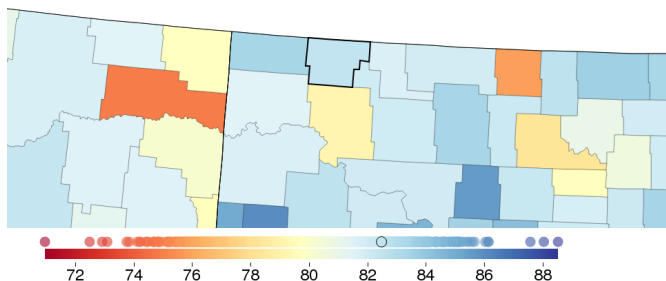
FINDINGS: LIFE EXPECTANCY

Sex	Burke County	North Dakota	National	National rank	% change 1980-2014
Female	82.5	82.4	81.5	450	+2.1
Male	76.4	77.6	76.7	1208	+6.8

life expectancy at birth (years), 2014

Fig. 1: Female life expectancy, 2014

Fig. 2: Male life expectancy, 2014



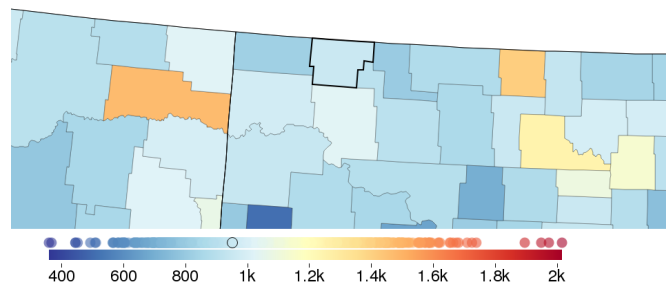
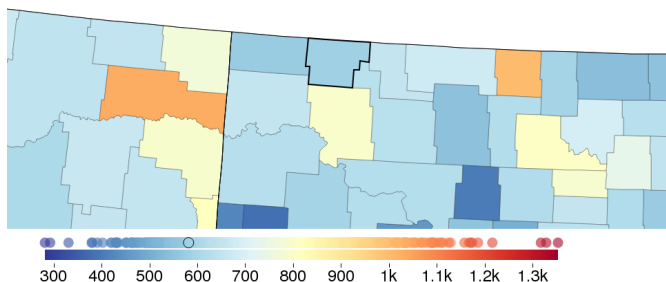
FINDINGS: ALL-CAUSE MORTALITY

Sex	Burke County	North Dakota	National	National rank	% change 1980-2014
Female	581.0	605.2	667.8	306	-7.2
Male	950.7	888.5	930.1	1137	-26.1

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

Fig. 3: Female all-cause mortality, 2014

Fig. 4: Male all-cause mortality, 2014



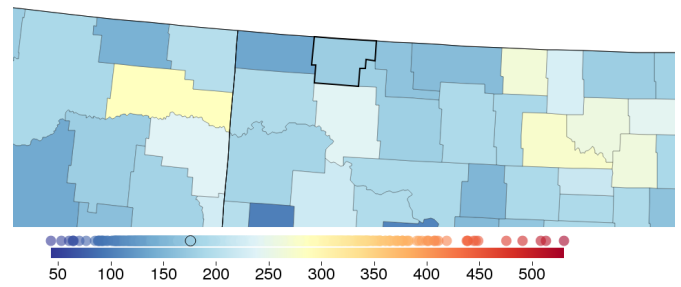
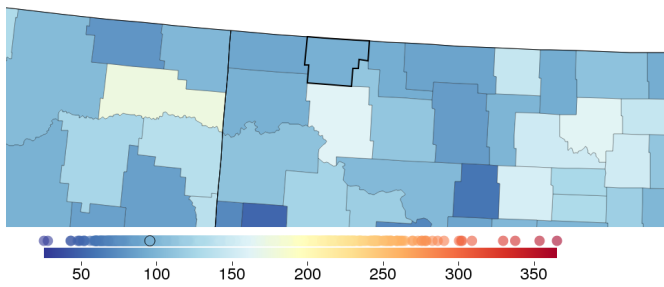
FINDINGS: ISCHEMIC HEART DISEASE

Sex	Burke County	North Dakota	National	National rank	% change 1980-2014
Female	95.4	105.1	124.9	441	-37.3
Male	175.4	182.9	191.5	810	-59.7

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

Fig. 5: Female ischemic heart disease, 2014

Fig. 6: Male ischemic heart disease, 2014



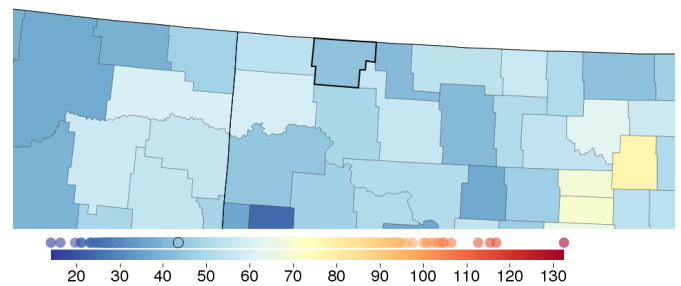
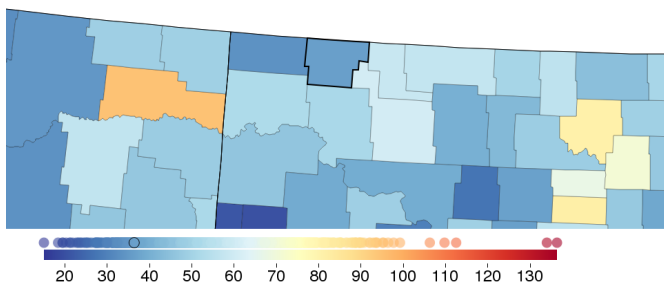
FINDINGS: CEREBROVASCULAR DISEASE (STROKE)

Sex	Burke County	North Dakota	National	National rank	% change 1980-2014
Female	36.4	48.8	47.4	191	-20.1
Male	43.5	53.0	48.8	613	-41.2

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

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

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



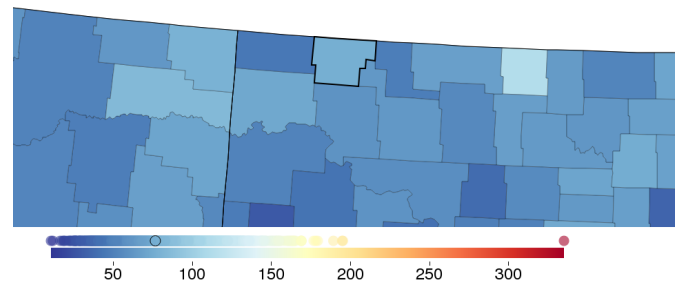
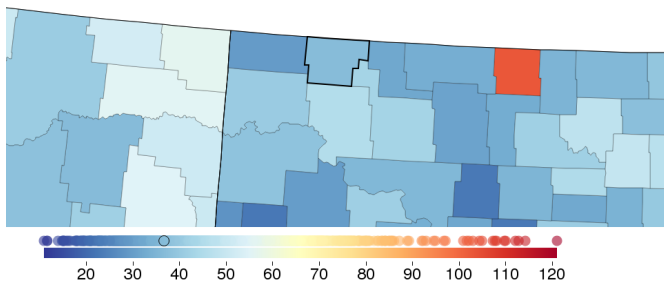
FINDINGS: TRACHEAL, BRONCHUS, AND LUNG CANCER

Sex	Burke County	North Dakota	National	National rank	% change 1980-2014
Female	36.6	38.2	43.8	557	+83.1
Male	76.6	61.5	67.6	1539	-9.6

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



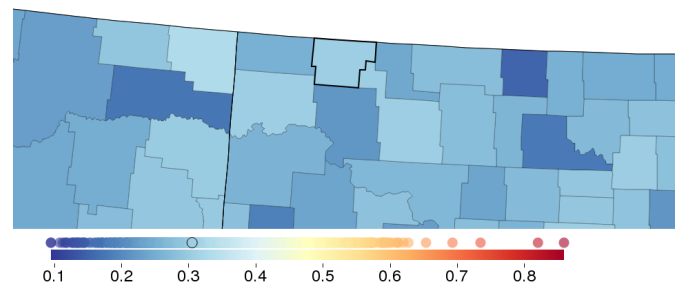
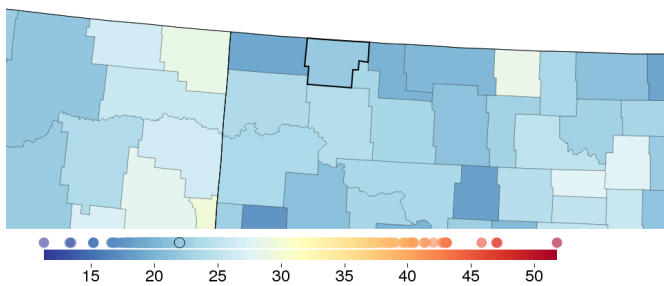
FINDINGS: BREAST CANCER

Sex	Burke County	North Dakota	National	National rank	% change 1980-2014
Female	22.0	22.8	25.9	362	-31.5
Male	0.3	0.3	0.3	1376	-7.5

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

Fig. 11: Female breast cancer, 2014

Fig. 12: Male breast cancer, 2014



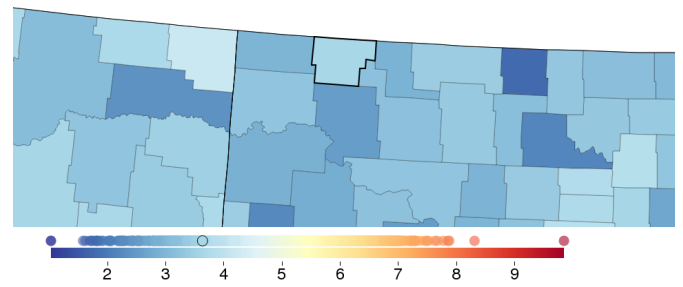
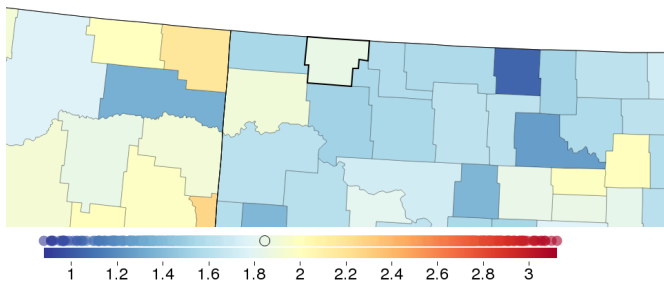
FINDINGS: MALIGNANT SKIN MELANOMA

Sex	Burke County	North Dakota	National	National rank	% change 1980-2014
Female	1.8	1.6	1.9	762	-6.0
Male	3.6	3.3	4.5	355	+25.0

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

Fig. 13: Female malignant skin melanoma, 2014

Fig. 14: Male malignant skin melanoma, 2014



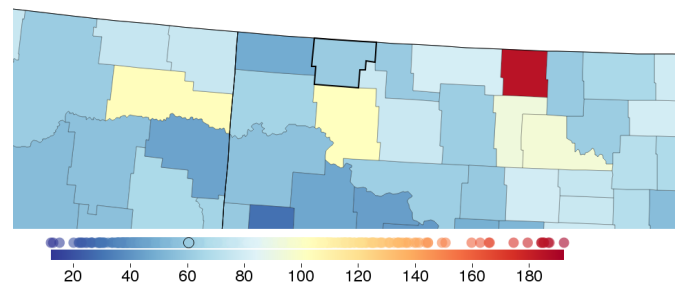
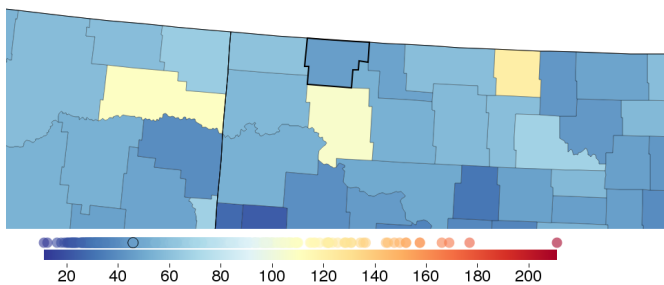
FINDINGS: DIABETES, UROGENITAL, BLOOD, AND ENDOCRINE DISEASES MORTALITY

Sex	Burke County	North Dakota	National	National rank	% change 1980-2014
Female	45.7	46.7	49.6	793	+53.2
Male	60.4	66.3	63.8	1038	+43.7

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



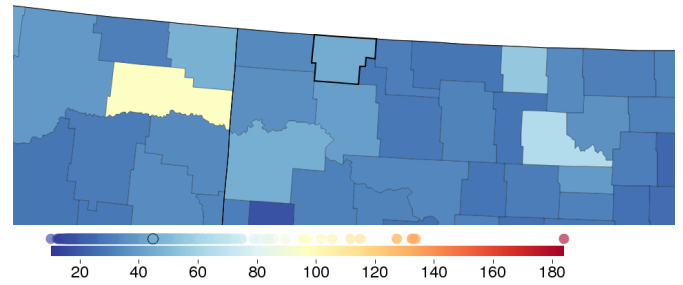
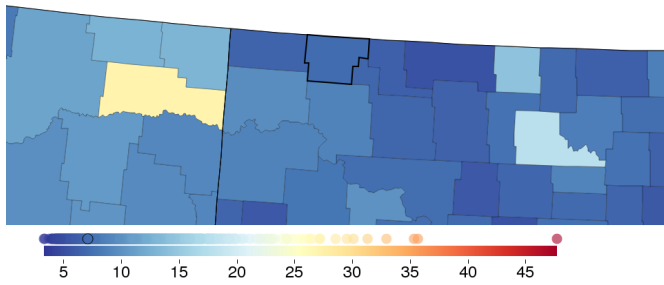
FINDINGS: SELF-HARM AND INTERPERSONAL VIOLENCE MORTALITY

Sex	Burke County	North Dakota	National	National rank	% change 1980-2014
Female	7.1	7.6	9.0	589	+26.3
Male	44.7	29.0	30.9	2694	+50.5

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



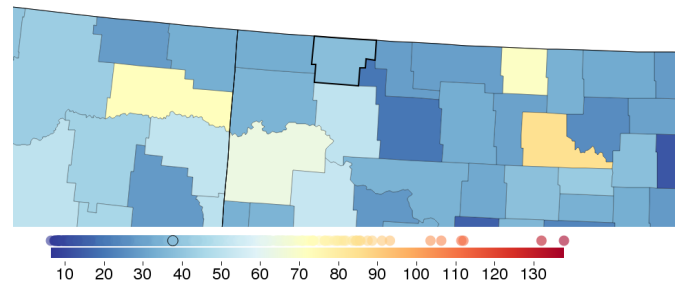
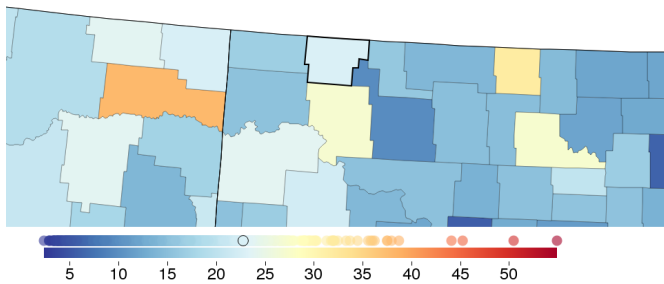
FINDINGS: TRANSPORT INJURIES MORTALITY

Sex	Burke County	North Dakota	National	National rank	% change 1980-2014
Female	22.7	9.9	8.1	2932	+24.8
Male	37.6	23.4	19.8	2184	-20.0

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

Fig. 19: Female transport injuries mortality, 2014

Fig. 20: Male transport injuries mortality, 2014



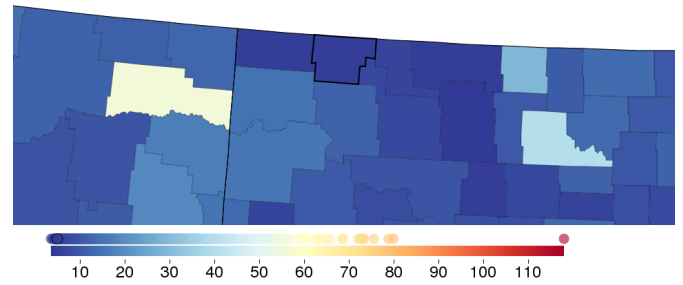
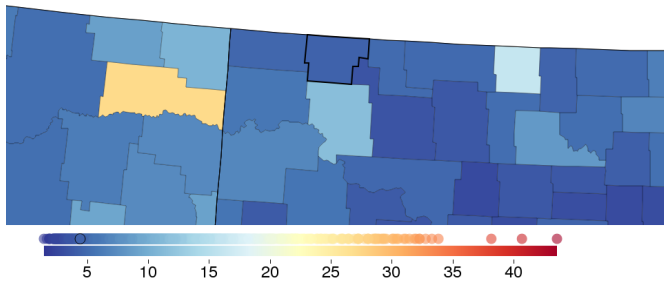
FINDINGS: MENTAL AND SUBSTANCE USE DISORDERS MORTALITY

Sex	Burke County	North Dakota	National	National rank	% change 1980-2014
Female	4.4	5.0	8.2	381	+136.4
Male	4.9	11.1	18.7	25	+27.4

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



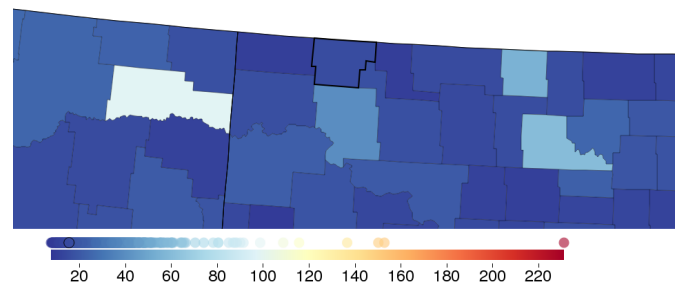
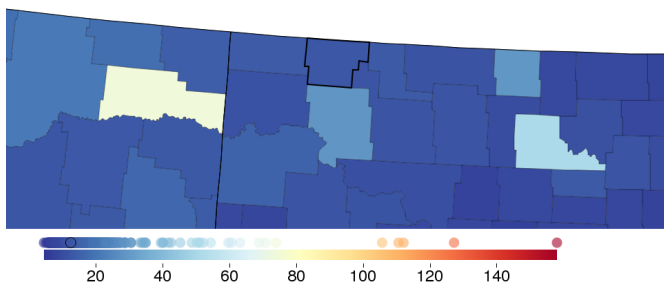
FINDINGS: CIRRHOSIS AND OTHER CHRONIC LIVER DISEASES MORTALITY

Sex	Burke County	North Dakota	National	National rank	% change 1980-2014
Female	12.4	11.3	11.8	1605	+26.4
Male	15.3	18.2	22.2	462	-4.7

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	Burke County	North Dakota	National	National rank	% change 2005-2012
Female	9.4	7.1	6.7	2873	+60.3
Male	12.1	11.7	9.9	2301	+35.8

prevalence (%), age-standardized, 2012

Fig. 25: Female heavy drinking, 2012

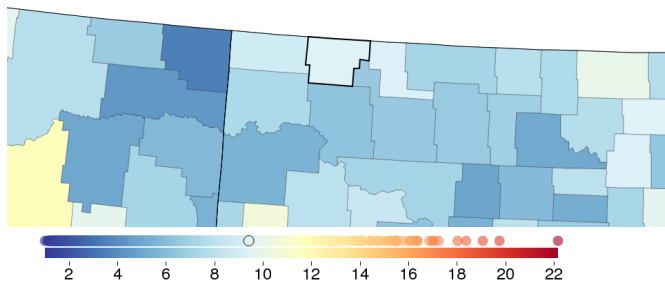
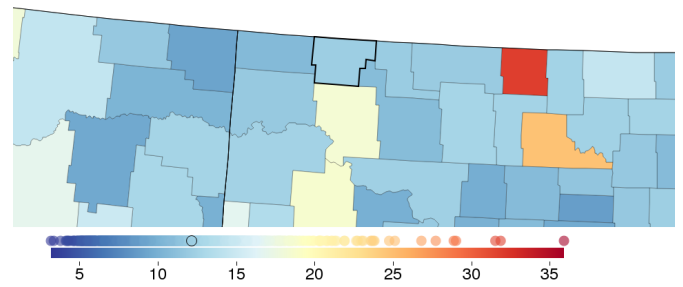


Fig. 26: Male heavy drinking, 2012



FINDINGS: BINGE DRINKING

Sex	Burke County	North Dakota	National	National rank	% change 2002-2012
Female	26.7	19.0	12.4	3132	+27.1
Male	39.5	33.7	24.5	3090	+2.1

prevalence (%), age-standardized, 2012

Fig. 27: Female binge drinking, 2012

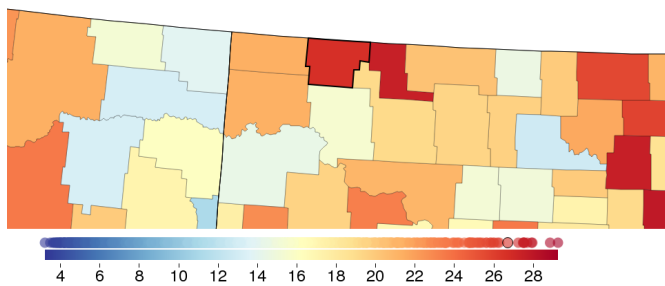
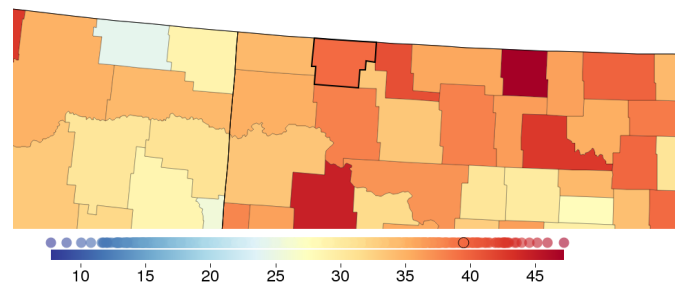


Fig. 28: Male binge drinking, 2012



FINDINGS: SMOKING

Sex	Burke County	North Dakota	National	National rank	% change 1996-2012
Female	23.2	20.0	17.9	2000	+1.0
Male	25.0	23.4	22.2	1445	-8.9

prevalence (%), age-standardized, 2012

Fig. 29: Female smoking, 2012

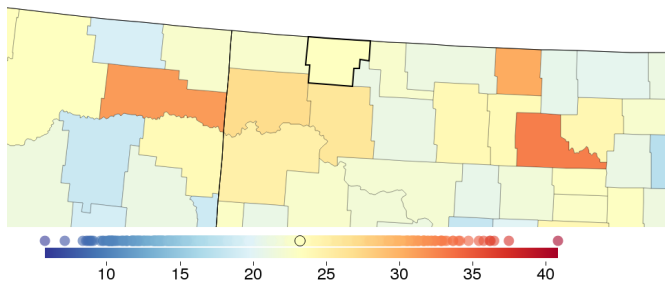
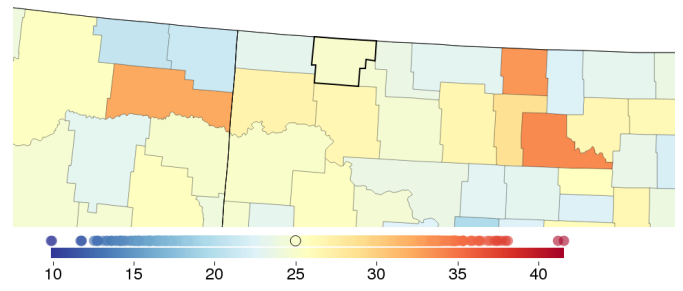


Fig. 30: Male smoking, 2012



FINDINGS: OBESITY

Sex	Burke County	North Dakota	National	National rank	% change 2001-2011
Female	35.7	35.6	36.1	808	+13.0
Male	38.9	36.5	33.8	2196	+29.7

prevalence (%), age-standardized, 2011

Fig. 31: Female obesity, 2011

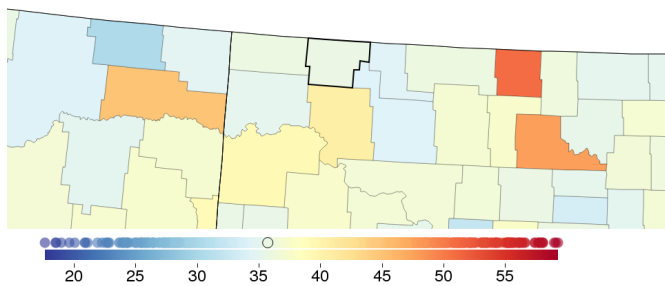
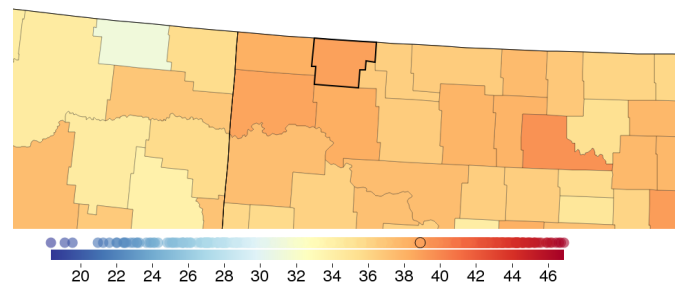


Fig. 32: Male obesity, 2011



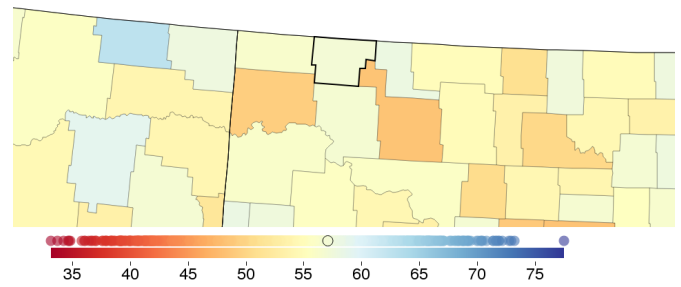
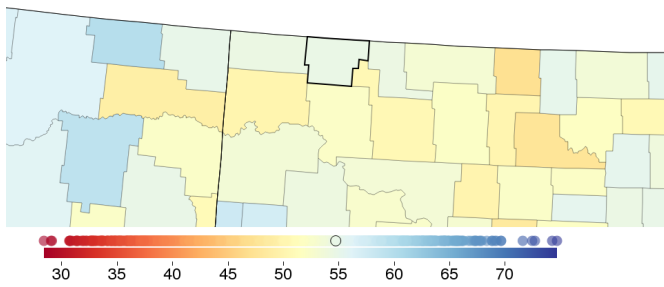
FINDINGS: RECOMMENDED PHYSICAL ACTIVITY

Sex	Burke County	North Dakota	National	National rank	% change 2001-2011
Female	54.7	52.8	52.6	795	+24.5
Male	57.1	53.7	56.3	801	+9.2

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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