

# COUNTY PROFILE: Benson 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	Benson County	North Dakota	National	National rank	% change 1980-2014
Female	78.3	82.4	81.5	2522	-1.7
Male	71.0	77.6	76.7	2945	+2.7

life expectancy at birth (years), 2014

Fig. 1: Female life expectancy, 2014

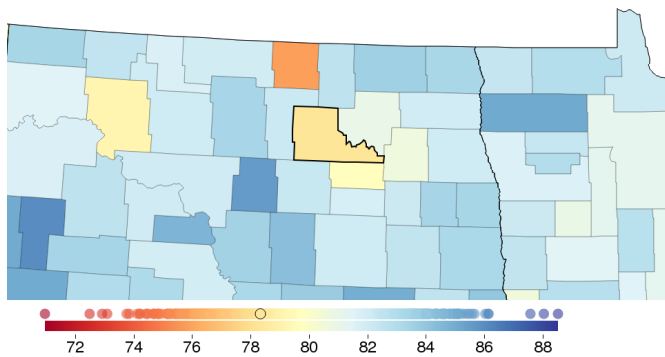
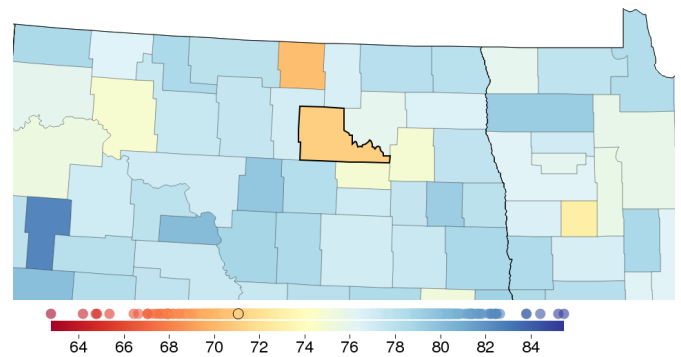


Fig. 2: Male life expectancy, 2014



## FINDINGS: ALL-CAUSE MORTALITY

Sex	Benson County	North Dakota	National	National rank	% change 1980-2014
Female	806.3	605.2	667.8	2244	+24.7
Male	1248.7	888.5	930.1	2688	-3.8

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

Fig. 3: Female all-cause mortality, 2014

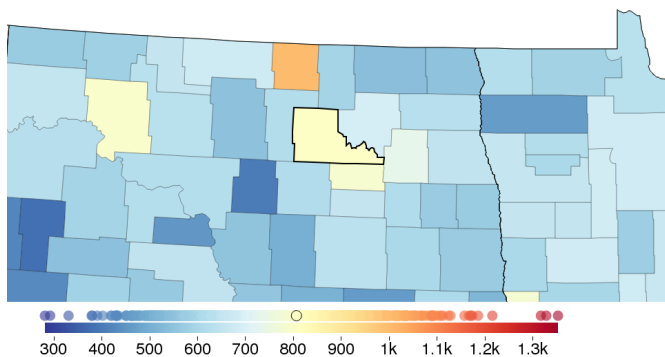
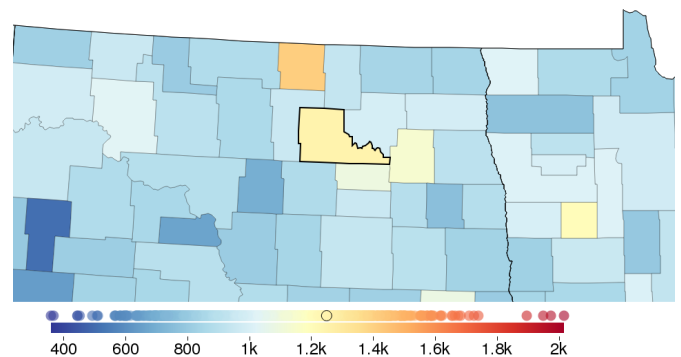


Fig. 4: Male all-cause mortality, 2014



## FINDINGS: ISCHEMIC HEART DISEASE

Sex	Benson County	North Dakota	National	National rank	% change 1980-2014
Female	149.4	105.1	124.9	2054	-9.6
Male	275.1	182.9	191.5	2709	-33.7

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

Fig. 5: Female ischemic heart disease, 2014

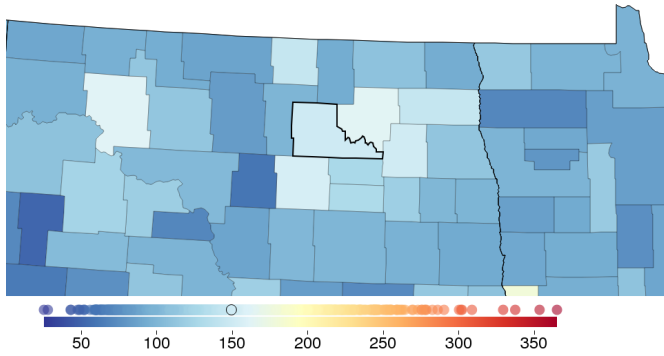
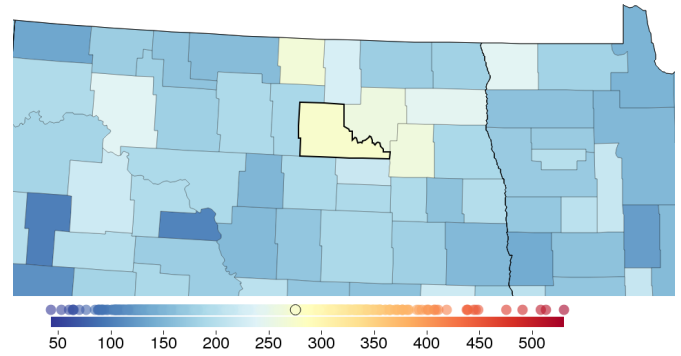


Fig. 6: Male ischemic heart disease, 2014



## FINDINGS: CEREBROVASCULAR DISEASE (STROKE)

Sex	Benson County	North Dakota	National	National rank	% change 1980-2014
Female	48.2	48.8	47.4	1192	-15.3
Male	54.3	53.0	48.8	1826	-37.7

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

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

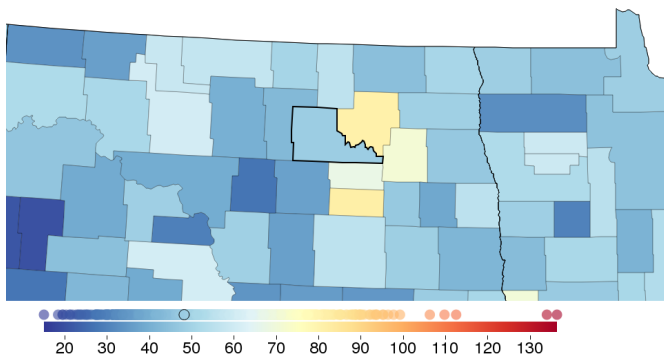
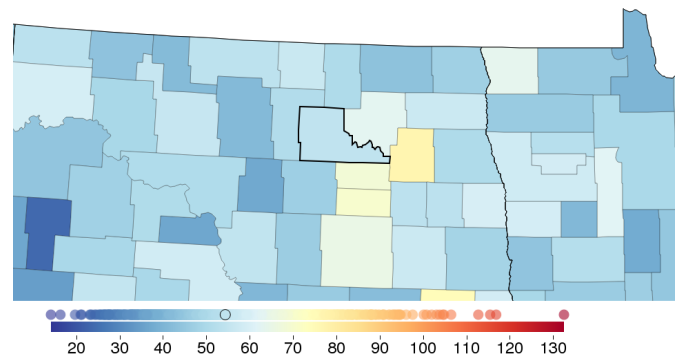


Fig. 8: Male cerebrovascular disease (stroke), 2014



## FINDINGS: TRACHEAL, BRONCHUS, AND LUNG CANCER

Sex	Benson County	North Dakota	National	National rank	% change 1980-2014
Female	41.6	38.2	43.8	970	+116.9
Male	64.5	61.5	67.6	955	+0.8

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

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

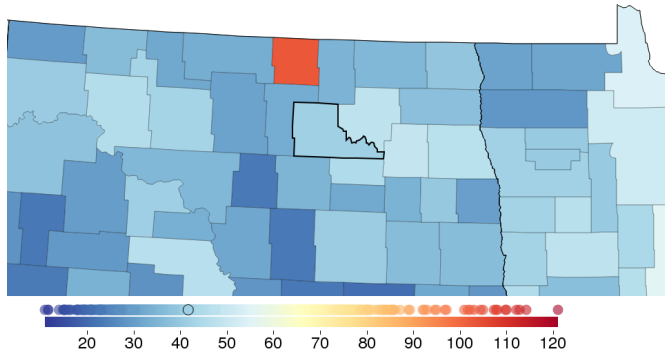
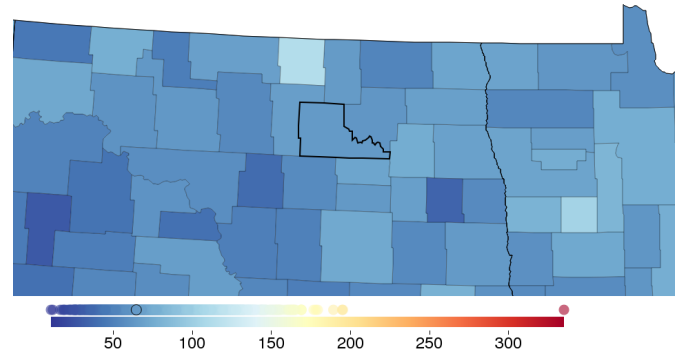


Fig. 10: Male tracheal, bronchus, and lung cancer, 2014



## FINDINGS: BREAST CANCER

Sex	Benson County	North Dakota	National	National rank	% change 1980-2014
Female	24.9	22.8	25.9	1213	-22.2
Male	0.2	0.3	0.3	39	-22.6

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

Fig. 11: Female breast cancer, 2014

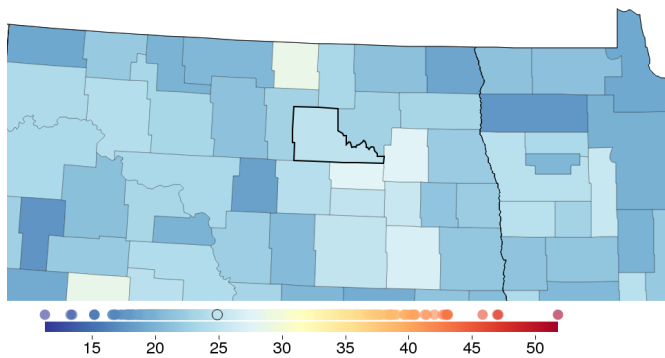
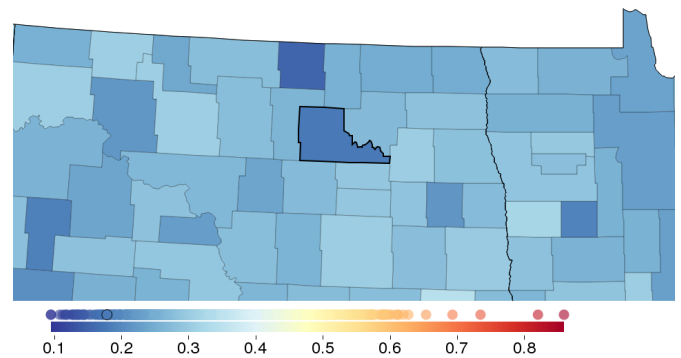


Fig. 12: Male breast cancer, 2014



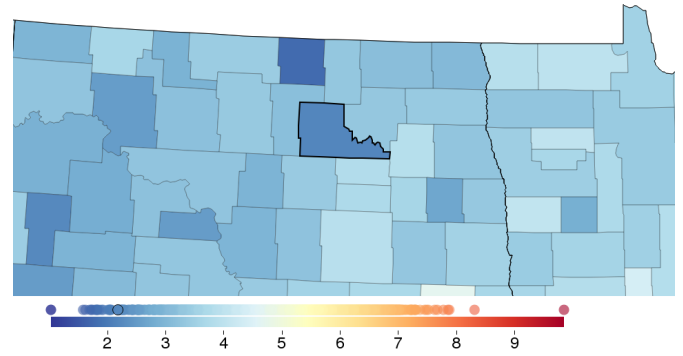
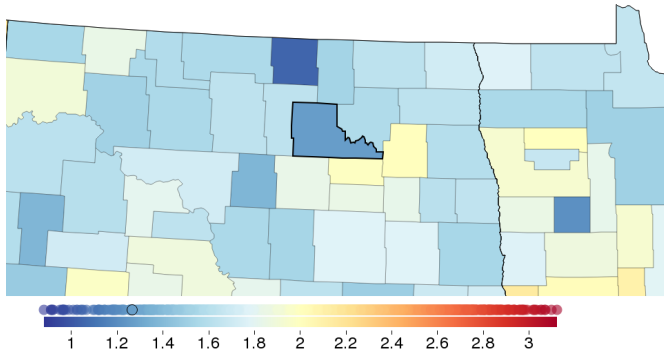
## FINDINGS: MALIGNANT SKIN MELANOMA

Sex	Benson County	North Dakota	National	National rank	% change 1980-2014
Female	1.3	1.6	1.9	60	-12.8
Male	2.2	3.3	4.5	23	+2.9

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

Fig. 13: Female malignant skin melanoma, 2014

Fig. 14: Male malignant skin melanoma, 2014



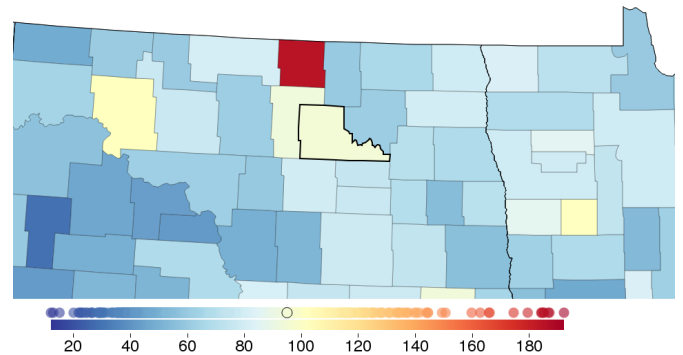
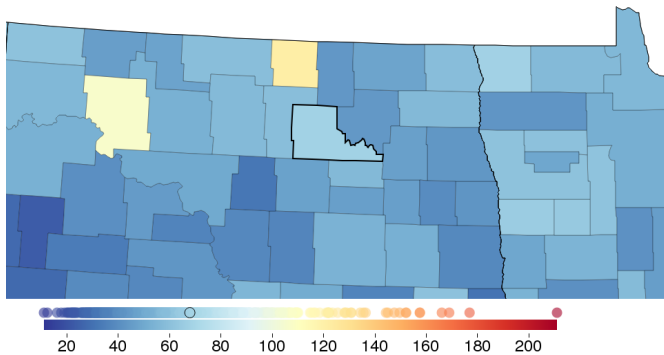
## FINDINGS: DIABETES, UROGENITAL, BLOOD, AND ENDOCRINE DISEASES MORTALITY

Sex	Benson County	North Dakota	National	National rank	% change 1980-2014
Female	67.9	46.7	49.6	2436	+111.7
Male	94.9	66.3	63.8	2853	+93.2

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



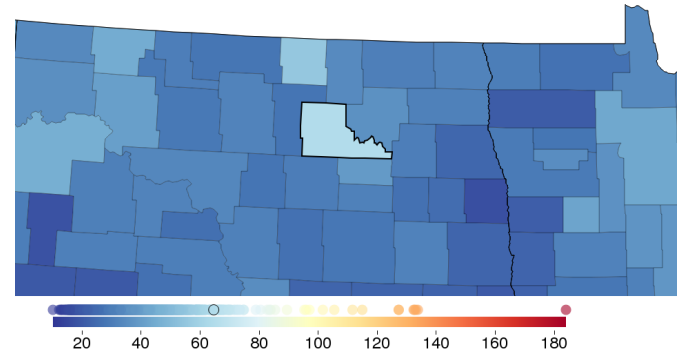
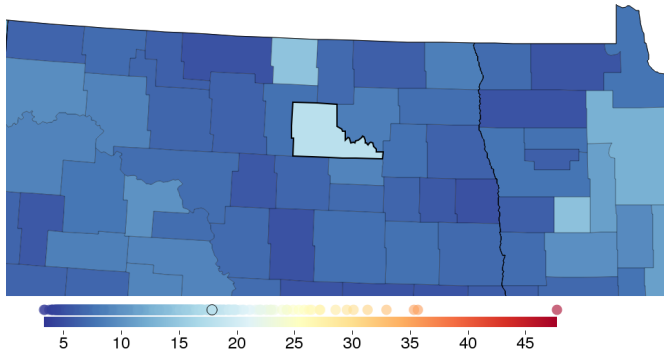
## FINDINGS: SELF-HARM AND INTERPERSONAL VIOLENCE MORTALITY

Sex	Benson County	North Dakota	National	National rank	% change 1980-2014
Female	17.8	7.6	9.0	3062	+99.9
Male	64.6	29.0	30.9	3088	+57.4

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



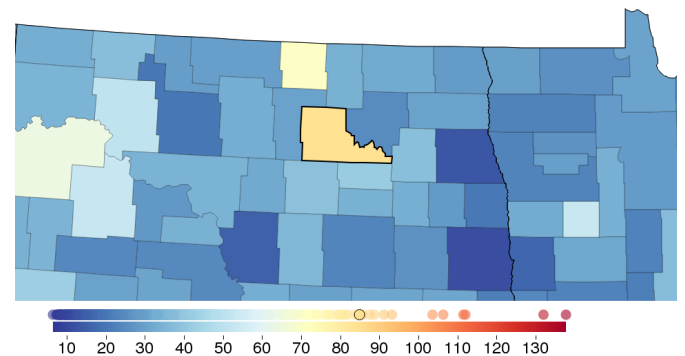
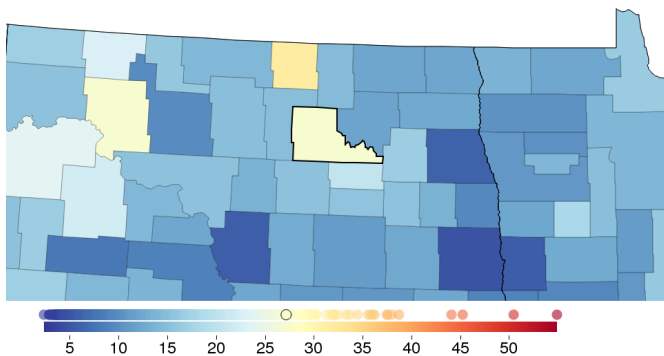
## FINDINGS: TRANSPORT INJURIES MORTALITY

Sex	Benson County	North Dakota	National	National rank	% change 1980-2014
Female	27.1	9.9	8.1	3087	+18.3
Male	84.9	23.4	19.8	3130	+6.6

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

Fig. 19: Female transport injuries mortality, 2014

Fig. 20: Male transport injuries mortality, 2014



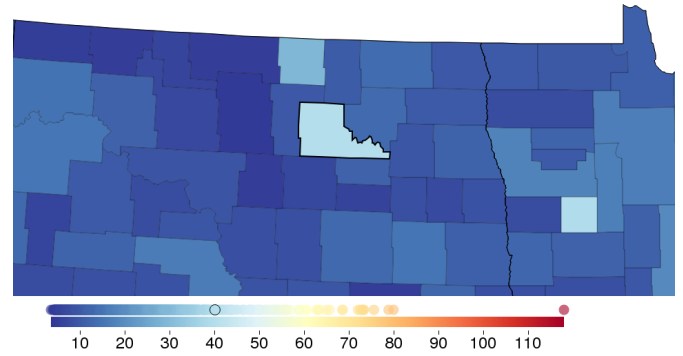
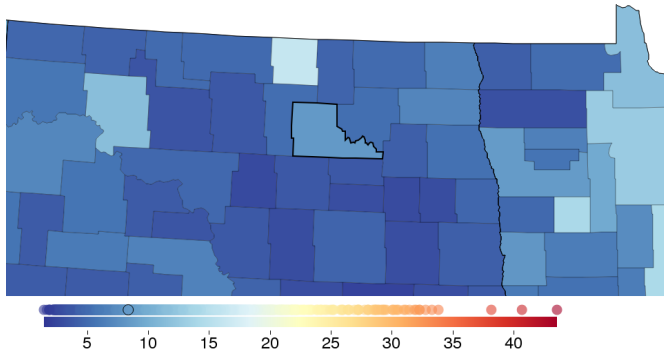
## FINDINGS: MENTAL AND SUBSTANCE USE DISORDERS MORTALITY

Sex	Benson County	North Dakota	National	National rank	% change 1980-2014
Female	8.3	5.0	8.2	1709	+289.9
Male	40.1	11.1	18.7	3060	+391.9

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



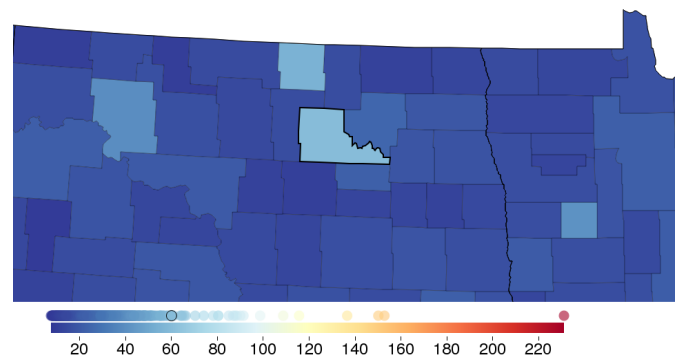
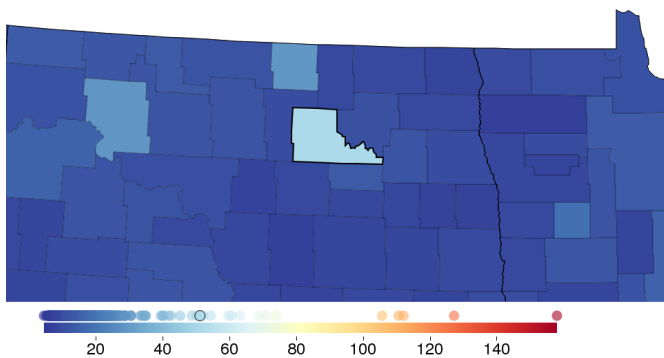
## FINDINGS: CIRRHOSIS AND OTHER CHRONIC LIVER DISEASES MORTALITY

Sex	Benson County	North Dakota	National	National rank	% change 1980-2014
Female	51.1	11.3	11.8	3129	+150.9
Male	60.0	18.2	22.2	3116	+67.3

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	Benson County	North Dakota	National	National rank	% change 2005-2012
Female	5.1	7.1	6.7	1549	+11.5
Male	24.7	11.7	9.9	3134	+43.9

prevalence (%), age-standardized, 2012

Fig. 25: Female heavy drinking, 2012

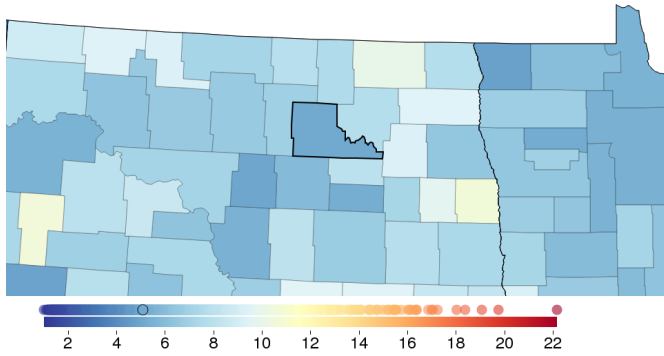
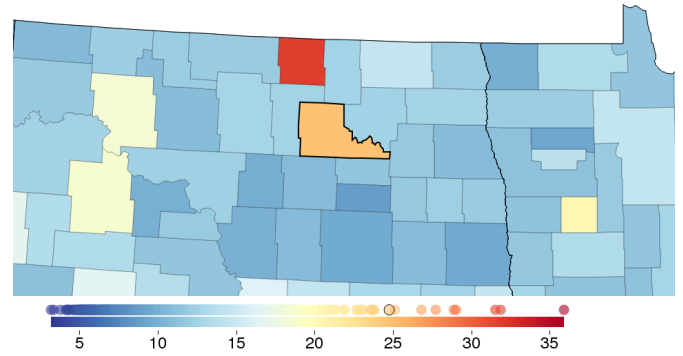


Fig. 26: Male heavy drinking, 2012



## FINDINGS: BINGE DRINKING

Sex	Benson County	North Dakota	National	National rank	% change 2002-2012
Female	12.8	19.0	12.4	2024	-22.0
Male	42.7	33.7	24.5	3132	+8.9

prevalence (%), age-standardized, 2012

Fig. 27: Female binge drinking, 2012

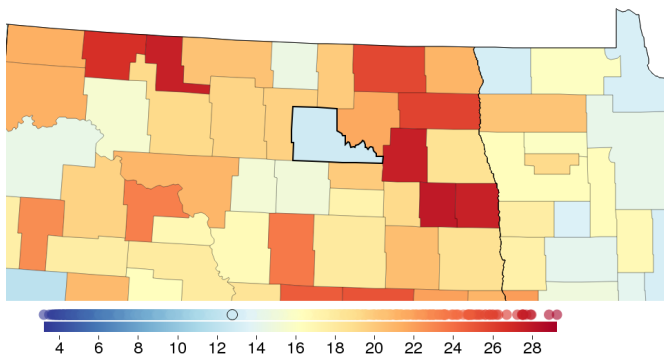
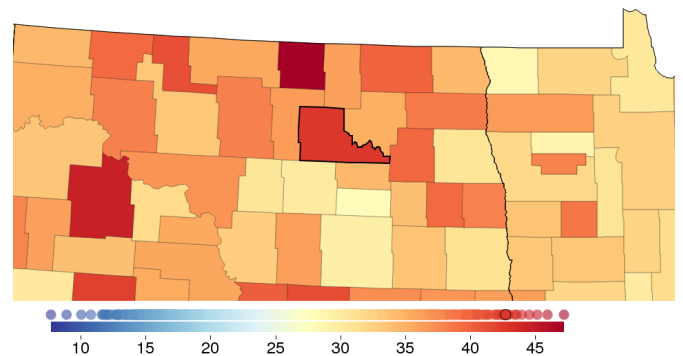


Fig. 28: Male binge drinking, 2012



## FINDINGS: SMOKING

Sex	Benson County	North Dakota	National	National rank	% change 1996-2012
Female	32.9	20.0	17.9	3128	+22.3
Male	33.8	23.4	22.2	3089	+8.2

prevalence (%), age-standardized, 2012

Fig. 29: Female smoking, 2012

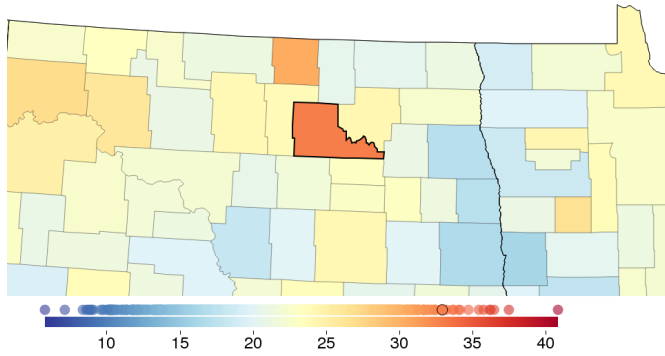
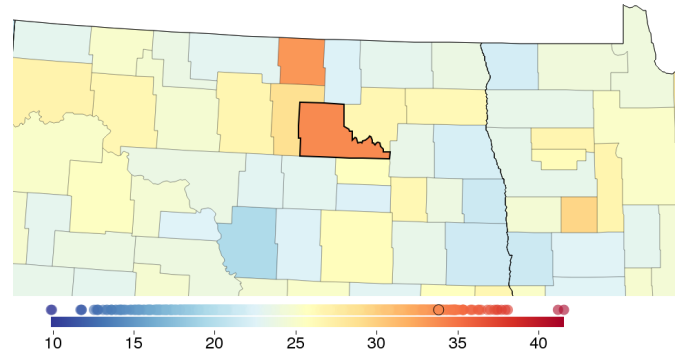


Fig. 30: Male smoking, 2012



## FINDINGS: OBESITY

Sex	Benson County	North Dakota	National	National rank	% change 2001-2011
Female	47.8	35.6	36.1	2936	+16.1
Male	39.5	36.5	33.8	2446	+16.4

prevalence (%), age-standardized, 2011

Fig. 31: Female obesity, 2011

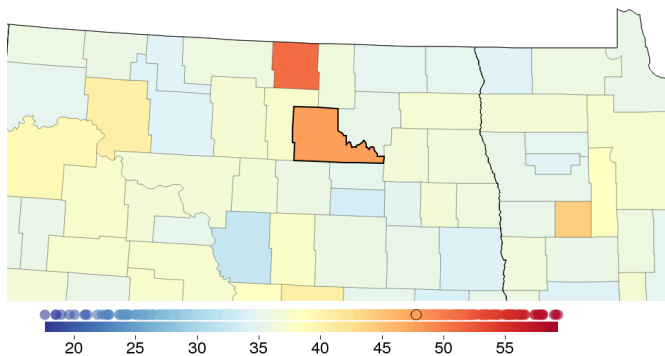
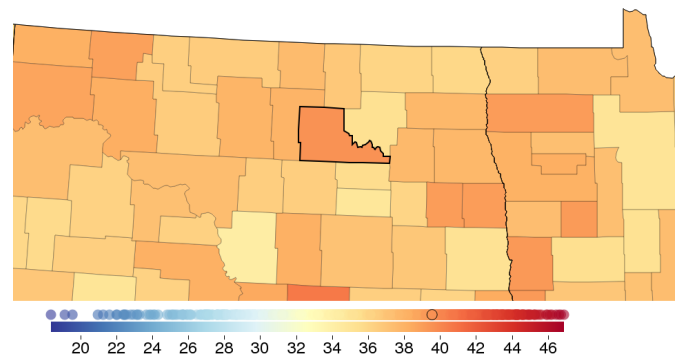


Fig. 32: Male obesity, 2011





## FINDINGS: RECOMMENDED PHYSICAL ACTIVITY

Sex	Benson County	North Dakota	National	National rank	% change 2001-2011
Female	47.7	52.8	52.6	1952	+17.0
Male	50.2	53.7	56.3	2181	+14.5

prevalence (%), age-standardized, 2011

Fig. 33: Female recommended physical activity, 2011

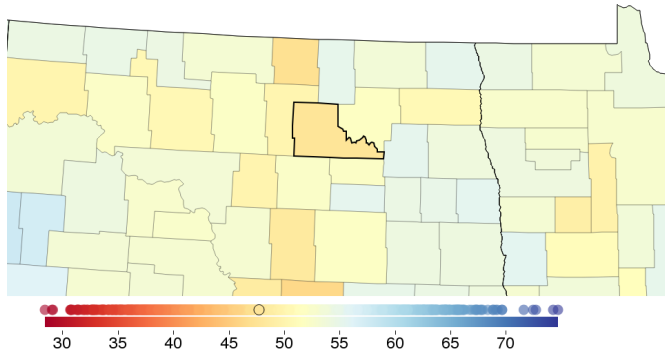
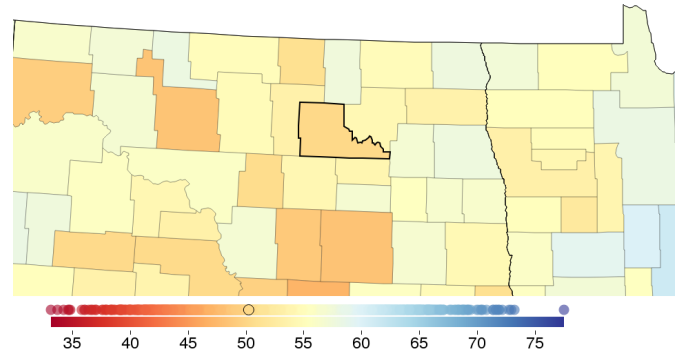


Fig. 34: Male recommended physical activity, 2011



## CITATION:

Institute for Health Metrics and Evaluation (IHME),  
US County Profile: Benson County, North Dakota.  
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Institute for Health Metrics and Evaluation  
2301 Fifth Ave., Suite 600  
Seattle, WA 98121 USA

Telephone: +1-206-897-2800  
E-mail: [engage@healthdata.org](mailto:engage@healthdata.org)  
[www.healthdata.org](http://www.healthdata.org)

