

COUNTY PROFILE: Williams 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	Williams County	North Dakota	National	National rank	% change 1980-2014
Female	81.5	82.4	81.5	932	+1.8
Male	76.0	77.6	76.7	1389	+5.1

life expectancy at birth (years), 2014

Fig. 1: Female life expectancy, 2014

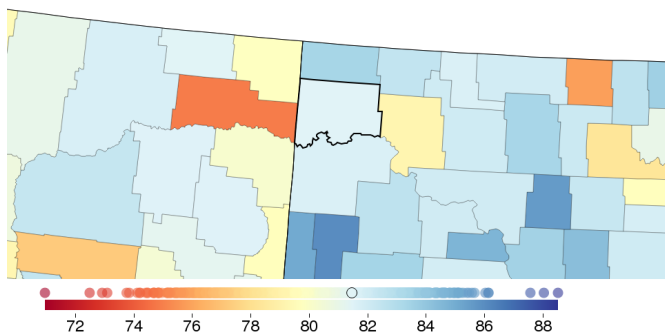
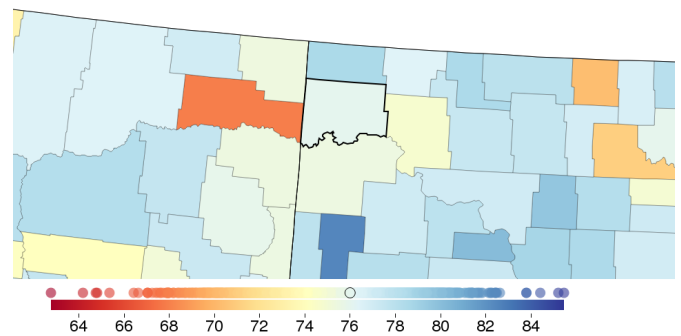


Fig. 2: Male life expectancy, 2014



FINDINGS: ALL-CAUSE MORTALITY

Sex	Williams County	North Dakota	National	National rank	% change 1980-2014
Female	650.9	605.2	667.8	796	-3.7
Male	978.6	888.5	930.1	1344	-18.6

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

Fig. 3: Female all-cause mortality, 2014

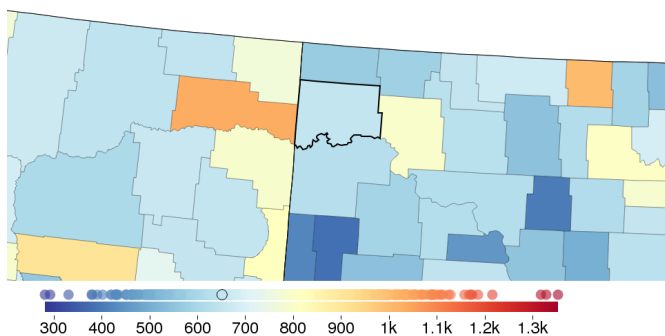
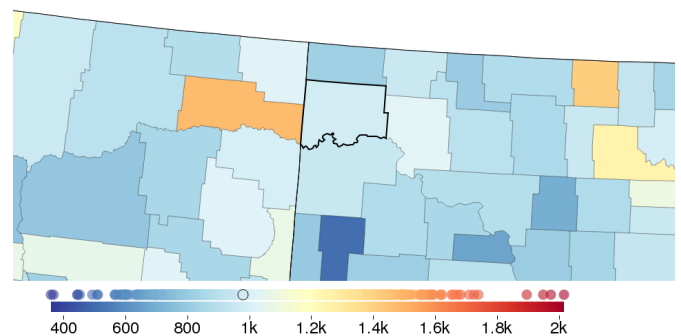


Fig. 4: Male all-cause mortality, 2014



FINDINGS: ISCHEMIC HEART DISEASE

Sex	Williams County	North Dakota	National	National rank	% change 1980-2014
Female	96.4	105.1	124.9	470	-49.8
Male	193.5	182.9	191.5	1242	-50.8

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

Fig. 5: Female ischemic heart disease, 2014

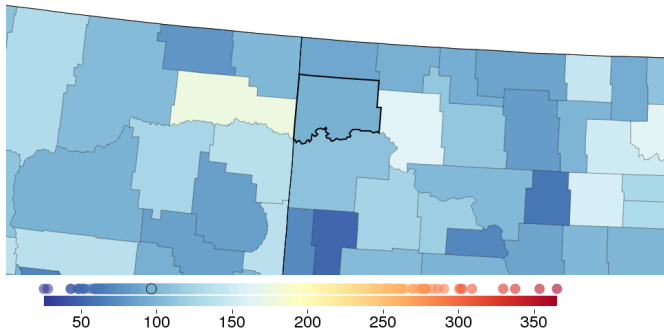
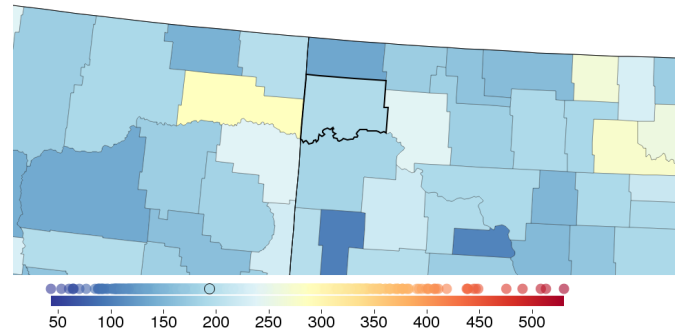


Fig. 6: Male ischemic heart disease, 2014



FINDINGS: CEREBROVASCULAR DISEASE (STROKE)

Sex	Williams County	North Dakota	National	National rank	% change 1980-2014
Female	52.2	48.8	47.4	1672	-15.2
Male	59.0	53.0	48.8	2291	-26.1

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

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

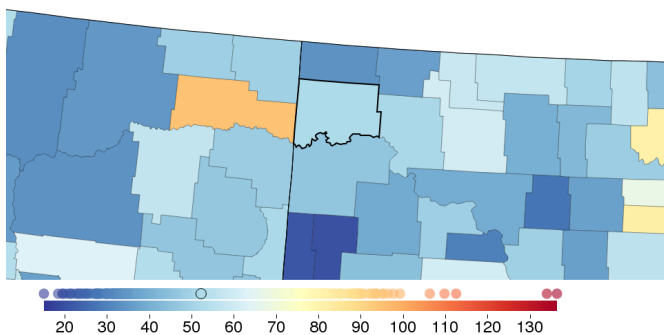
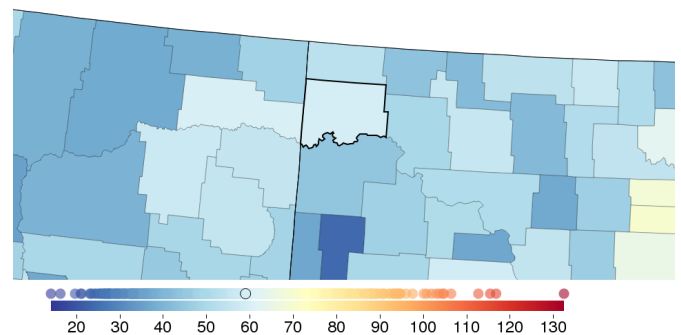


Fig. 8: Male cerebrovascular disease (stroke), 2014



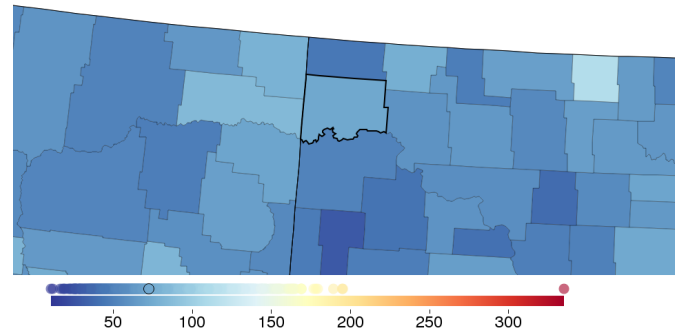
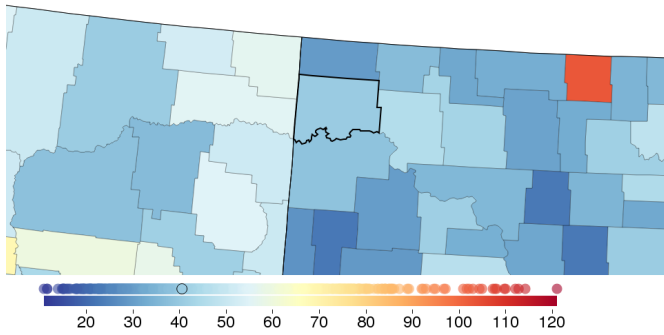
FINDINGS: TRACHEAL, BRONCHUS, AND LUNG CANCER

Sex	Williams County	North Dakota	National	National rank	% change 1980-2014
Female	40.5	38.2	43.8	875	+92.7
Male	72.4	61.5	67.6	1344	-0.7

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



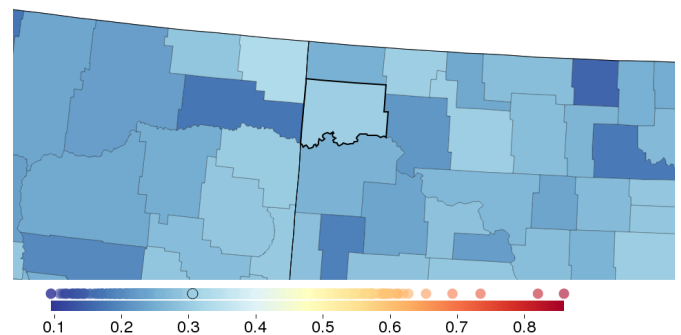
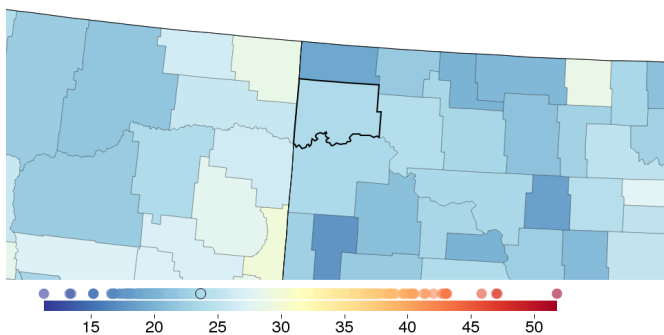
FINDINGS: BREAST CANCER

Sex	Williams County	North Dakota	National	National rank	% change 1980-2014
Female	23.6	22.8	25.9	798	-27.3
Male	0.3	0.3	0.3	1392	+0.8

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

Fig. 11: Female breast cancer, 2014

Fig. 12: Male breast cancer, 2014



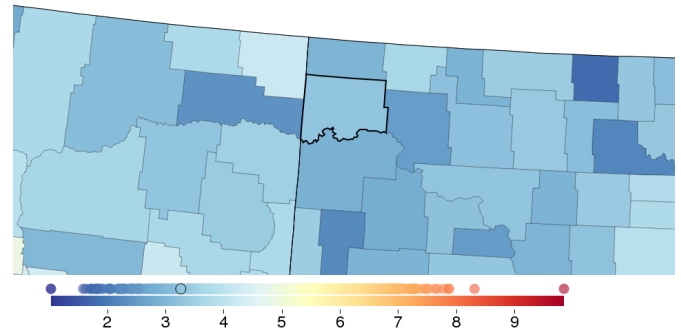
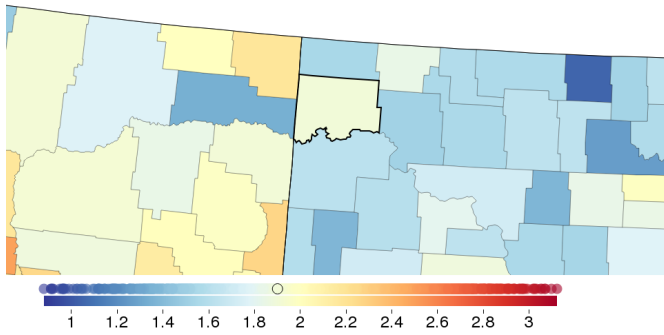
FINDINGS: MALIGNANT SKIN MELANOMA

Sex	Williams County	North Dakota	National	National rank	% change 1980-2014
Female	1.9	1.6	1.9	908	-3.6
Male	3.3	3.3	4.5	175	+24.9

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

Fig. 13: Female malignant skin melanoma, 2014

Fig. 14: Male malignant skin melanoma, 2014



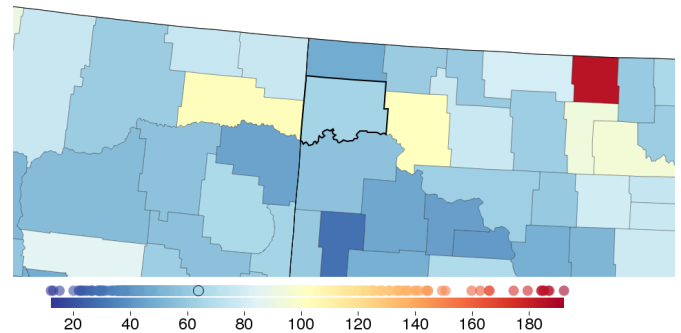
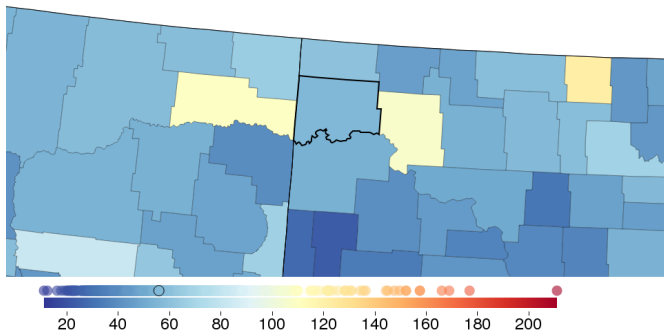
FINDINGS: DIABETES, UROGENITAL, BLOOD, AND ENDOCRINE DISEASES MORTALITY

Sex	Williams County	North Dakota	National	National rank	% change 1980-2014
Female	55.8	46.7	49.6	1613	+62.8
Male	63.8	66.3	63.8	1293	+40.2

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



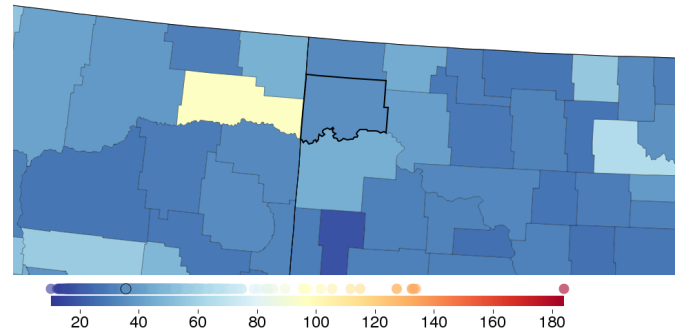
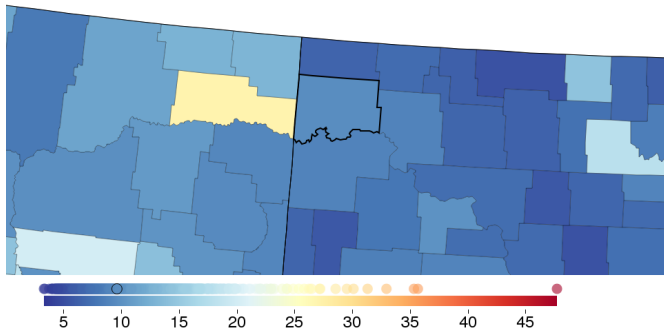
FINDINGS: SELF-HARM AND INTERPERSONAL VIOLENCE MORTALITY

Sex	Williams County	North Dakota	National	National rank	% change 1980-2014
Female	9.6	7.6	9.0	1595	+58.5
Male	35.5	29.0	30.9	1921	+37.1

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



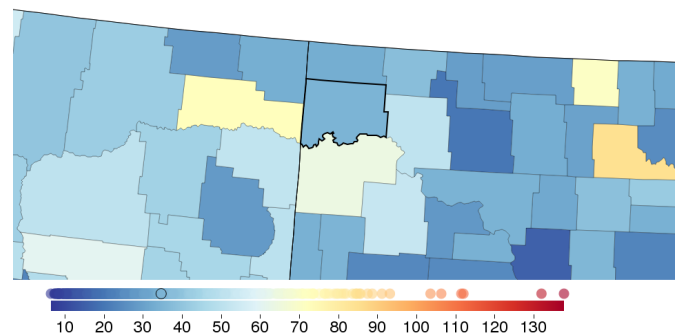
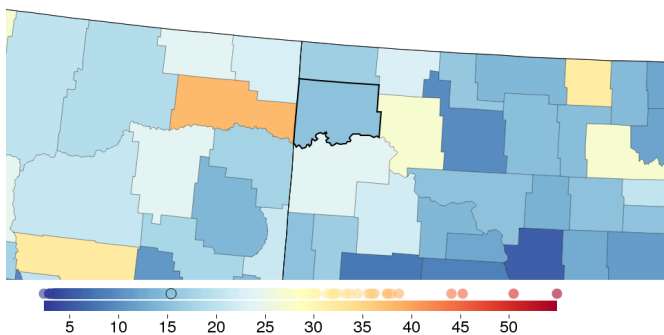
FINDINGS: TRANSPORT INJURIES MORTALITY

Sex	Williams County	North Dakota	National	National rank	% change 1980-2014
Female	15.4	9.9	8.1	1976	-1.9
Male	34.6	23.4	19.8	1934	-26.0

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

Fig. 19: Female transport injuries mortality, 2014

Fig. 20: Male transport injuries mortality, 2014



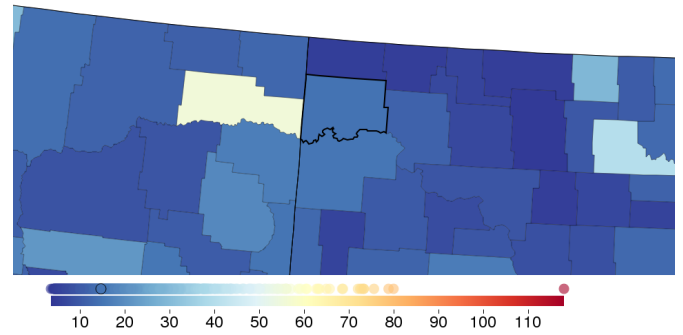
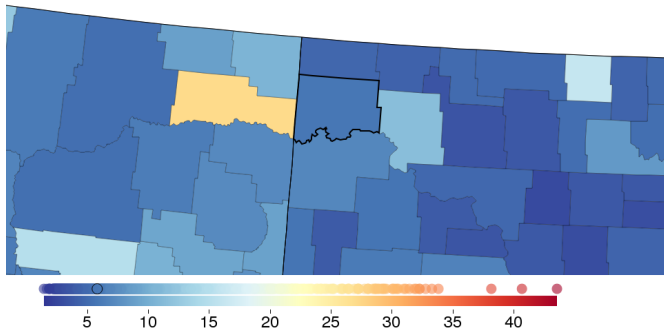
FINDINGS: MENTAL AND SUBSTANCE USE DISORDERS MORTALITY

Sex	Williams County	North Dakota	National	National rank	% change 1980-2014
Female	5.8	5.0	8.2	858	+167.8
Male	14.6	11.1	18.7	1429	+116.3

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



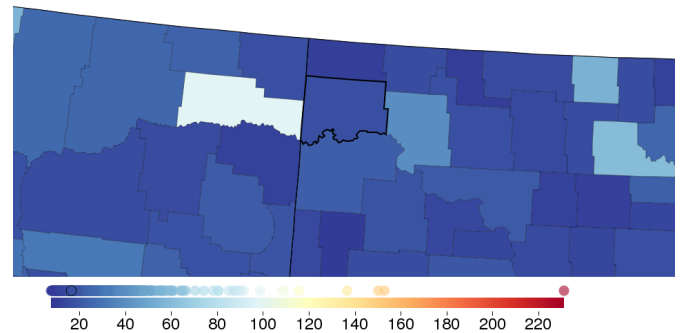
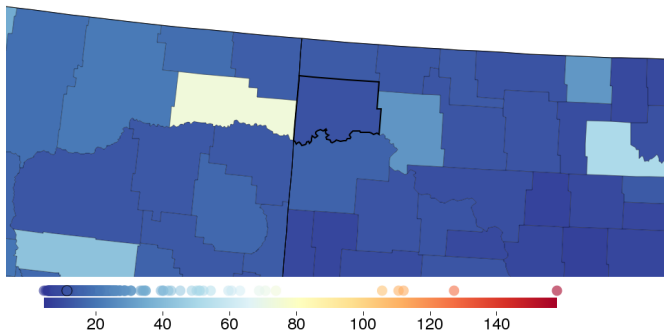
FINDINGS: CIRRHOSIS AND OTHER CHRONIC LIVER DISEASES MORTALITY

Sex	Williams County	North Dakota	National	National rank	% change 1980-2014
Female	11.3	11.3	11.8	1152	+34.1
Male	16.4	18.2	22.2	619	+20.0

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	Williams County	North Dakota	National	National rank	% change 2005-2012
Female	7.4	7.1	6.7	2432	+33.4
Male	11.8	11.7	9.9	2177	+37.1

prevalence (%), age-standardized, 2012

Fig. 25: Female heavy drinking, 2012

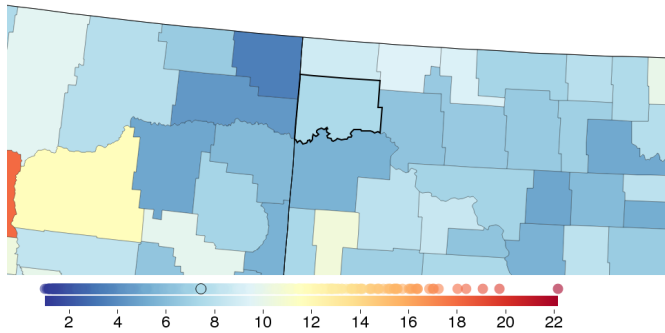
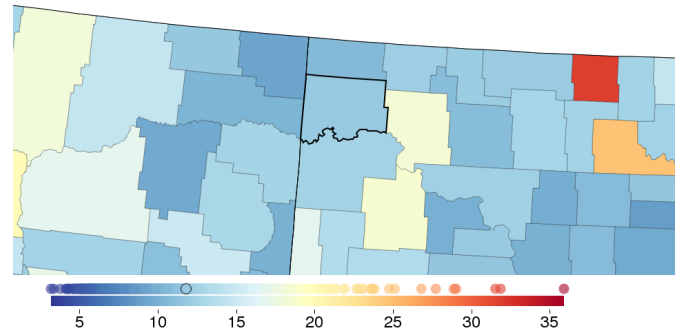


Fig. 26: Male heavy drinking, 2012



FINDINGS: BINGE DRINKING

Sex	Williams County	North Dakota	National	National rank	% change 2002-2012
Female	21.3	19.0	12.4	3051	+19.2
Male	35.2	33.7	24.5	2956	+6.1

prevalence (%), age-standardized, 2012

Fig. 27: Female binge drinking, 2012

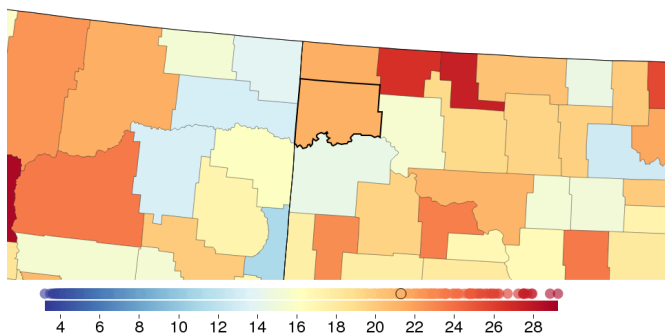
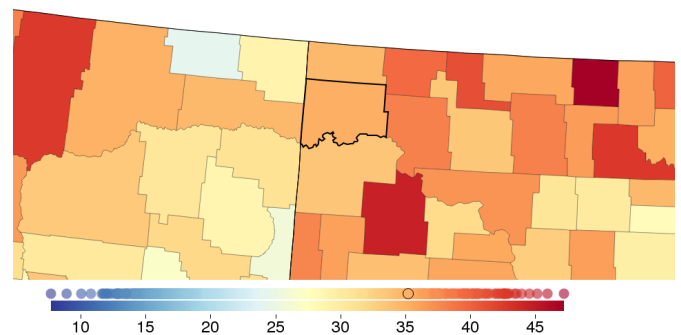


Fig. 28: Male binge drinking, 2012



FINDINGS: SMOKING

Sex	Williams County	North Dakota	National	National rank	% change 1996-2012
Female	27.0	20.0	17.9	2813	+0.3
Male	26.9	23.4	22.2	1958	-5.2

prevalence (%), age-standardized, 2012

Fig. 29: Female smoking, 2012

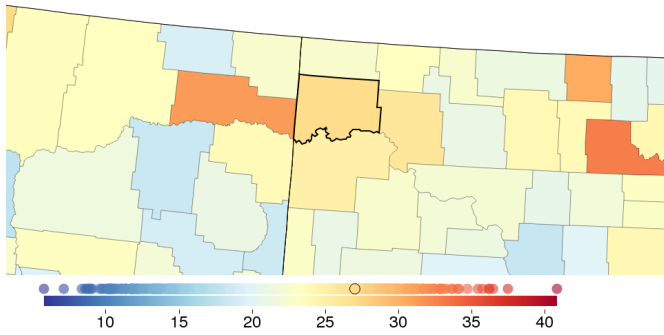
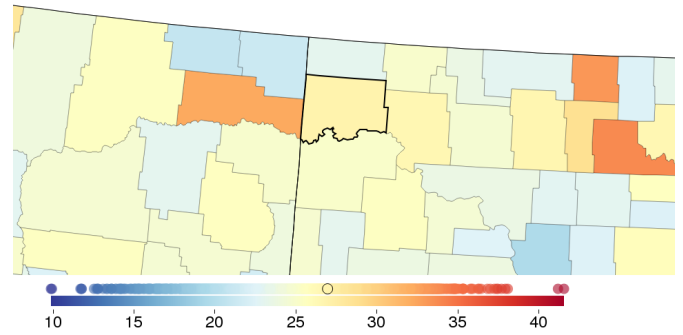


Fig. 30: Male smoking, 2012



FINDINGS: OBESITY

Sex	Williams County	North Dakota	National	National rank	% change 2001-2011
Female	35.1	35.6	36.1	636	+21.5
Male	38.7	36.5	33.8	2134	+34.3

prevalence (%), age-standardized, 2011

Fig. 31: Female obesity, 2011

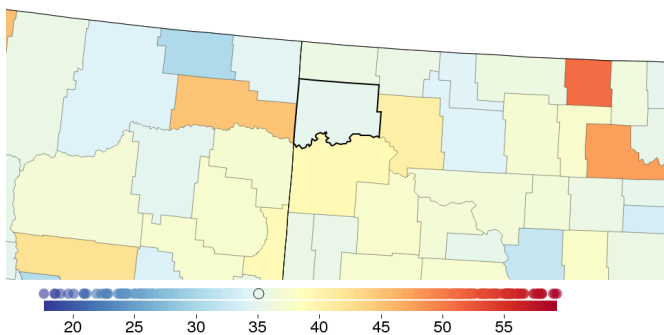
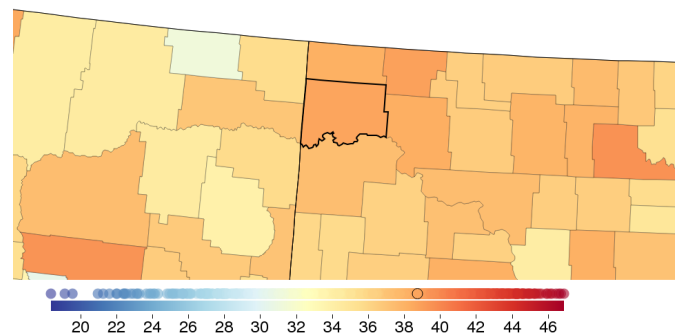


Fig. 32: Male obesity, 2011



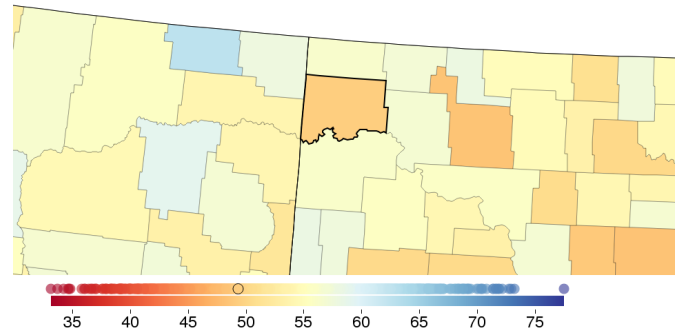
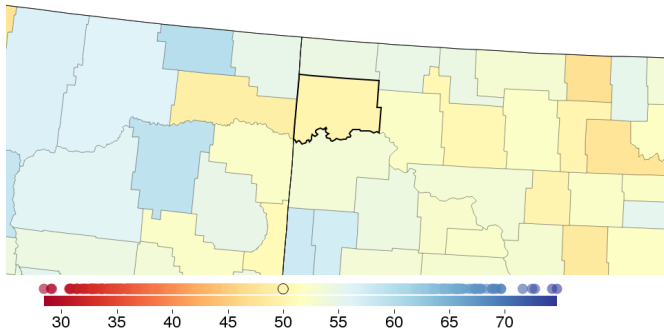
FINDINGS: RECOMMENDED PHYSICAL ACTIVITY

Sex	Williams County	North Dakota	National	National rank	% change 2001-2011
Female	50.0	52.8	52.6	1622	+0.5
Male	49.3	53.7	56.3	2329	-10.8

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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