COUNTY PROFILE: Pawnee County, Oklahoma

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

| % change 1980-2014 | National rank | National | Oklahoma | Pawnee County | Sex |
|--------------------|---------------|----------|----------|----------------------|--------|
| -0.2 | 2790 | 81.5 | 78.5 | 77.5 | Female |
| +2.8 | 2702 | 76.7 | 73.7 | 72.3 | Male |

life expectancy at birth (years), 2014

Fig. 1: Female life expectancy, 2014

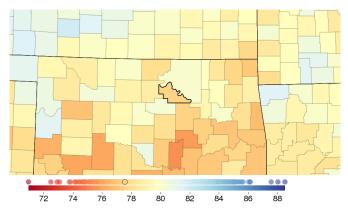
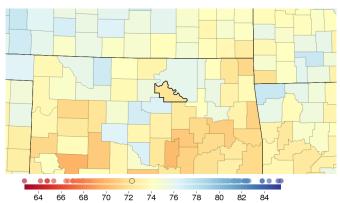


Fig. 2: Male life expectancy, 2014



FINDINGS: ALL-CAUSE MORTALITY

| Sex | Pawnee County | Oklahoma | National | National rank | % change 1980-2014 |
|--------|----------------------|----------|----------|---------------|--------------------|
| Female | 922.3 | 842.9 | 667.8 | 2905 | +12.2 |
| Male | 1252.2 | 1152.3 | 930.1 | 2703 | -6.2 |

Fig. 3: Female all-cause mortality, 2014

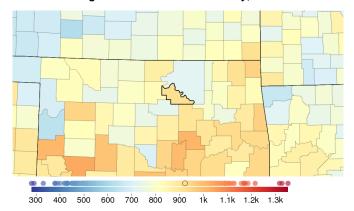
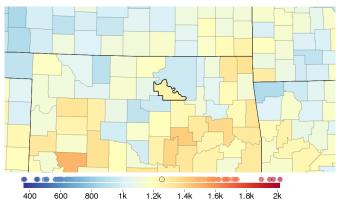


Fig. 4: Male all-cause mortality, 2014



FINDINGS: ISCHEMIC HEART DISEASE

| Sex | Pawnee County | Oklahoma | National | National rank | % change 1980-2014 |
|--------|---------------|----------|----------|---------------|--------------------|
| Female | 203.0 | 178.6 | 124.9 | 2928 | -24.4 |
| Male | 290.2 | 262.6 | 191.5 | 2833 | -37.0 |

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

Fig. 5: Female ischemic heart disease, 2014

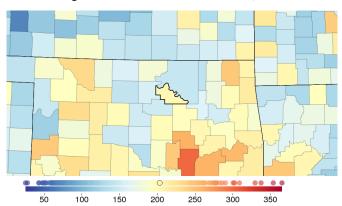
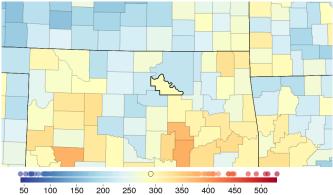


Fig. 6: Male ischemic heart disease, 2014



FINDINGS: CEREBROVASCULAR DISEASE (STROKE)

| % change 1980-2014 | National rank | National | Oklahoma | Pawnee County | Sex |
|--------------------|---------------|----------|----------|---------------|--------|
| -29.4 | 2723 | 47.4 | 58.6 | 65.1 | Female |
| -33.3 | 2605 | 48.8 | 56.7 | 63.7 | Male |

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

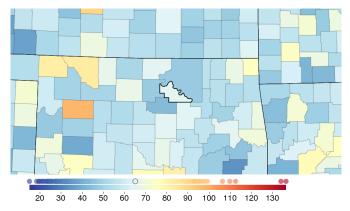
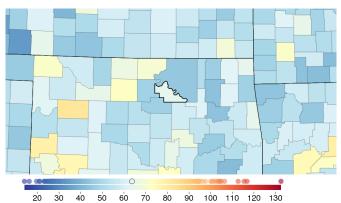


Fig. 8: Male cerebrovascular disease (stroke), 2014



FINDINGS: TRACHEAL, BRONCHUS, AND LUNG CANCER

| % change 1980-2014 | National rank | National | Oklahoma | Pawnee County | Sex |
|--------------------|---------------|----------|----------|---------------|--------|
| +85.2 | 2422 | 43.8 | 54.1 | 56.6 | Female |
| -9.7 | 2512 | 67.6 | 86.9 | 102.4 | Male |

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

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

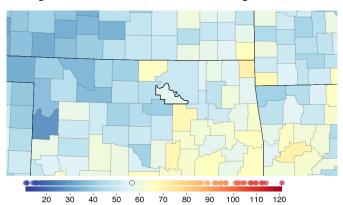


Fig. 10: Male tracheal, bronchus, and lung cancer, 2014

100

150

FINDINGS: BREAST CANCER

| % change 1980-2014 | National rank | National | Oklahoma | Pawnee County | Sex |
|--------------------|---------------|----------|----------|---------------|--------|
| +1.0 | 2655 | 25.9 | 28.4 | 30.0 | Female |
| -7.8 | 927 | 0.3 | 0.3 | 0.3 | Male |

Fig. 11: Female breast cancer, 2014

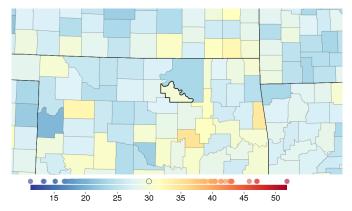
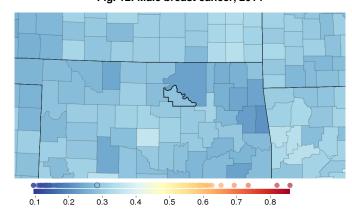


Fig. 12: Male breast cancer, 2014

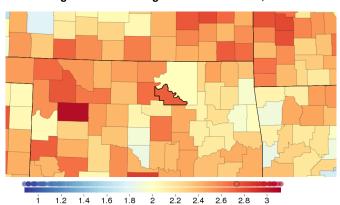


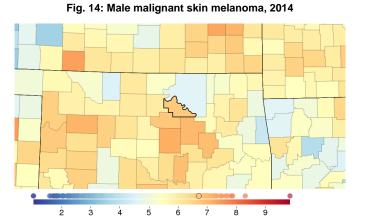
FINDINGS: MALIGNANT SKIN MELANOMA

| % change 1980-2014 | National rank | National | Oklahoma | Pawnee County | Sex |
|--------------------|---------------|----------|----------|---------------|--------|
| +11.5 | 3027 | 1.9 | 2.2 | 2.7 | Female |
| +67.4 | 3047 | 4.5 | 5.7 | 6.7 | Male |

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

Fig. 13: Female malignant skin melanoma, 2014





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

| % change 1980-2014 | National rank | National | Oklahoma | Pawnee County | Sex |
|--------------------|---------------|----------|----------|----------------------|--------|
| +45.7 | 2268 | 49.6 | 61.7 | 64.8 | Female |
| +47.5 | 1771 | 63.8 | 73.5 | 70.4 | Male |

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

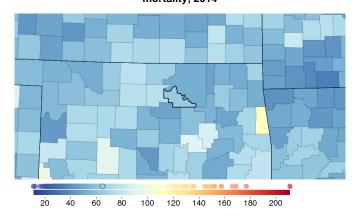
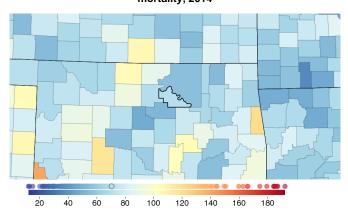


Fig. 16: Male diabetes, urogenital, blood, and endocrine diseases mortality, 2014



FINDINGS: SELF-HARM AND INTERPERSONAL VIOLENCE MORTALITY

| % change 1980-2014 | National rank | National | Oklahoma | Pawnee County | Sex |
|--------------------|---------------|----------|----------|----------------------|--------|
| +15.3 | 2621 | 9.0 | 12.9 | 12.9 | Female |
| +29.7 | 2702 | 30.9 | 40.2 | 44.9 | Male |

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

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

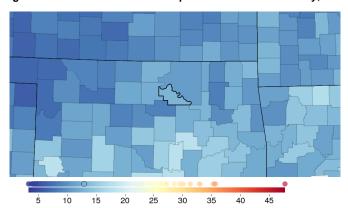


Fig. 18: Male self-harm and interpersonal violence mortality, 2014

FINDINGS: TRANSPORT INJURIES MORTALITY

| % change 1980-2014 | National rank | National | Oklahoma | Pawnee County | Sex |
|--------------------|---------------|----------|----------|----------------------|--------|
| -5.2 | 2832 | 8.1 | 13.3 | 21.4 | Female |
| -19.9 | 2811 | 19.8 | 29.5 | 48.5 | Male |

Fig. 19: Female transport injuries mortality, 2014

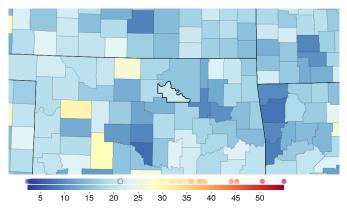
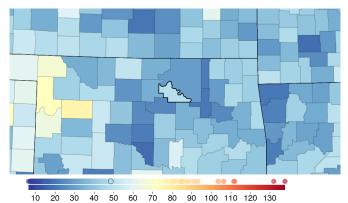


Fig. 20: Male transport injuries mortality, 2014



FINDINGS: MENTAL AND SUBSTANCE USE DISORDERS MORTALITY

| Sex | Pawnee County | Oklahoma | National | National rank | % change 1980-2014 |
|--------|---------------|----------|----------|---------------|--------------------|
| Female | 21.8 | 13.9 | 8.2 | 3064 | +1367.6 |
| Male | 34.5 | 23.5 | 18.7 | 2996 | +504.1 |

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

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

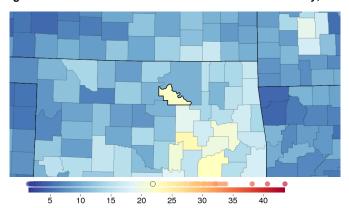
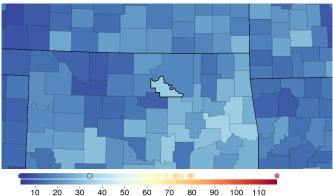


Fig. 22: Male mental and substance use disorders mortality, 2014



FINDINGS: CIRRHOSIS AND OTHER CHRONIC LIVER DISEASES MORTALITY

| % change 1980-2014 | National rank | National | Oklahoma | Pawnee County | Sex |
|--------------------|---------------|----------|----------|----------------------|--------|
| +94.0 | 3077 | 11.8 | 16.5 | 24.4 | Female |
| +90.1 | 2970 | 22.2 | 29.7 | 38.4 | Male |

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

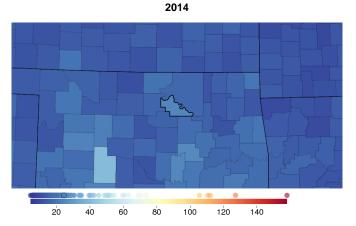
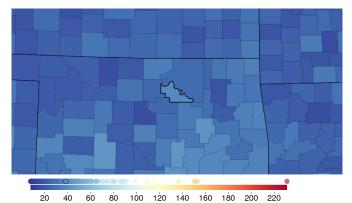


Fig. 24: Male cirrhosis and other chronic liver diseases mortality, 2014



FINDINGS: HEAVY DRINKING

| Sex | Pawnee County | Oklahoma | National | National rank | % change 2005-2012 |
|--------|----------------------|----------|----------|---------------|--------------------|
| Female | 3.6 | 4.6 | 6.7 | 775 | +73.6 |
| Male | 8.8 | 8.2 | 9.9 | 908 | +15.2 |

prevalence (%), age-standardized, 2012

Fig. 25: Female heavy drinking, 2012

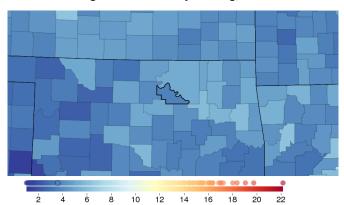
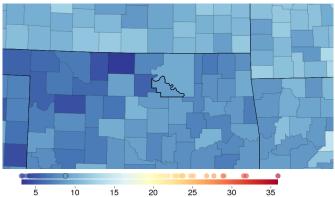


Fig. 26: Male heavy drinking, 2012



FINDINGS: BINGE DRINKING

| % change 2002-2012 | National rank | National | Oklahoma | Pawnee County | Sex |
|--------------------|---------------|----------|----------|----------------------|--------|
| +13.3 | 656 | 12.4 | 9.3 | 7.3 | Female |
| +7.9 | 1196 | 24.5 | 21.8 | 22.3 | Male |

prevalence (%), age-standardized, 2012

Fig. 27: Female binge drinking, 2012

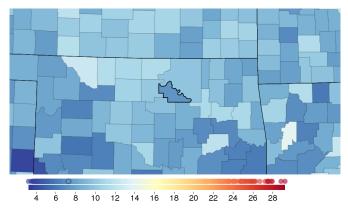
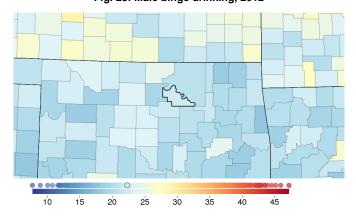


Fig. 28: Male binge drinking, 2012

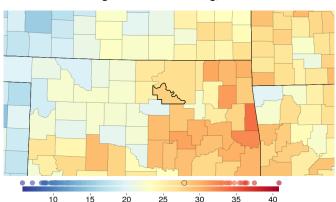


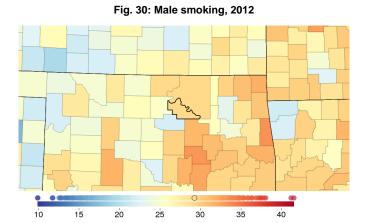
FINDINGS: SMOKING

| % change 1996-2012 | National rank | National | Oklahoma | Pawnee County | Sex |
|--------------------|---------------|----------|----------|---------------|--------|
| +9.3 | 2914 | 17.9 | 24.1 | 27.9 | Female |
| -5.1 | 2490 | 22.2 | 26.6 | 29.3 | Male |

prevalence (%), age-standardized, 2012

Fig. 29: Female smoking, 2012





FINDINGS: OBESITY

| % change 2001-201 | National rank | National | Oklahoma | Pawnee County | Sex |
|-------------------|---------------|----------|----------|---------------|--------|
| +28 | 2237 | 36.1 | 39.4 | 41.4 | Female |
| +32 | 1578 | 33.8 | 37.2 | 37.4 | Male |

prevalence (%), age-standardized, 2011

Fig. 31: Female obesity, 2011

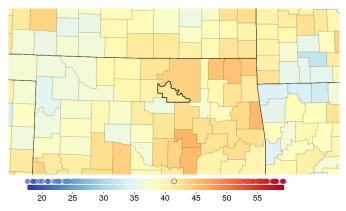
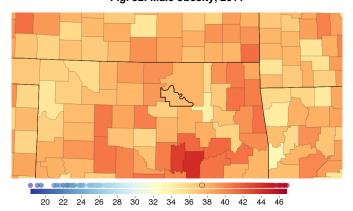


Fig. 32: Male obesity, 2011



FINDINGS: RECOMMENDED PHYSICAL ACTIVITY

| Sex | Pawnee County | Oklahoma | National | National rank | % change 2001-2011 |
|--------|----------------------|----------|----------|---------------|--------------------|
| Female | 48.0 | 46.7 | 52.6 | 1904 | +27.9 |
| Male | 48.3 | 50.6 | 56.3 | 2476 | +6.8 |

prevalence (%), age-standardized, 2011

Fig. 33: Female recommended physical activity, 2011

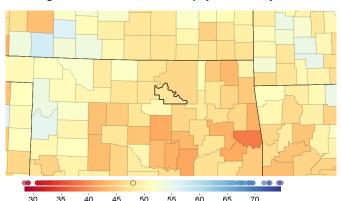
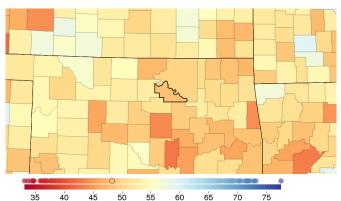


Fig. 34: Male recommended physical activity, 2011



CITATION:

Institute for Health Metrics and Evaluation (IHME), US County Profile: Pawnee County, Oklahoma. Seattle, WA: IHME, 2016.

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