COUNTY PROFILE: Carroll County, Indiana

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 | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|----------------|--------|
| +4.5 | 508 | 81.5 | 80.0 | 82.3 | Female |
| +7.2 | 762 | 76.7 | 75.3 | 77.4 | Male |

life expectancy at birth (years), 2014

Fig. 1: Female life expectancy, 2014

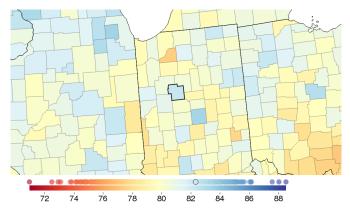
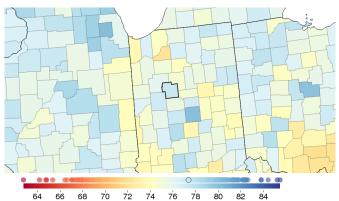


Fig. 2: Male life expectancy, 2014



FINDINGS: ALL-CAUSE MORTALITY

| % change 1980-2014 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|-----------------------|--------|
| -22.4 | 528 | 667.8 | 748.0 | 616.9 | Female |
| -30.8 | 795 | 930.1 | 1050.9 | 899.5 | Male |

Fig. 3: Female all-cause mortality, 2014

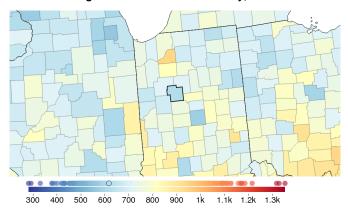
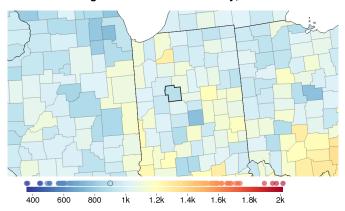


Fig. 4: Male all-cause mortality, 2014



FINDINGS: ISCHEMIC HEART DISEASE

| % change 1980-2014 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|----------------|--------|
| -61.6 | 383 | 124.9 | 135.8 | 93.1 | Female |
| -61.4 | 684 | 191.5 | 213.3 | 168.9 | Male |

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

Fig. 5: Female ischemic heart disease, 2014

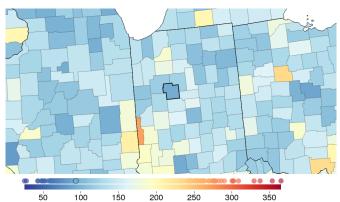


Fig. 6: Male ischemic heart disease, 2014

FINDINGS: CEREBROVASCULAR DISEASE (STROKE)

| % change 1980-2014 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|----------------|--------|
| -45.4 | 1948 | 47.4 | 53.1 | 54.8 | Female |
| -54.0 | 1941 | 48.8 | 55.3 | 55.4 | Male |

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

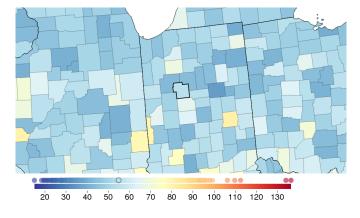
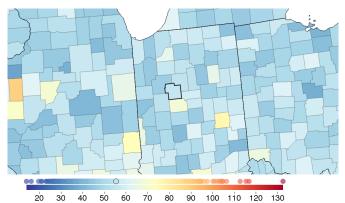


Fig. 8: Male cerebrovascular disease (stroke), 2014



FINDINGS: TRACHEAL, BRONCHUS, AND LUNG CANCER

| % change 1980-2014 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|----------------|--------|
| +54.2 | 890 | 43.8 | 52.9 | 40.7 | Female |
| -17.2 | 1563 | 67.6 | 86.5 | 76.9 | Male |

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

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

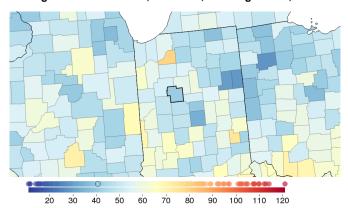
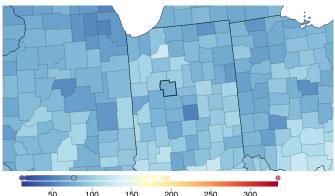


Fig. 10: Male tracheal, bronchus, and lung cancer, 2014



FINDINGS: BREAST CANCER

| % change 1980-2014 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|----------------|--------|
| -25.8 | 1013 | 25.9 | 26.7 | 24.3 | Female |
| -5.8 | 1479 | 0.3 | 0.4 | 0.3 | Male |

Fig. 11: Female breast cancer, 2014

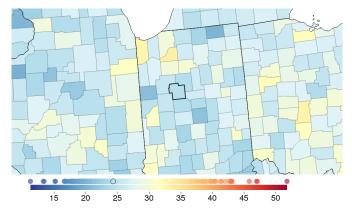
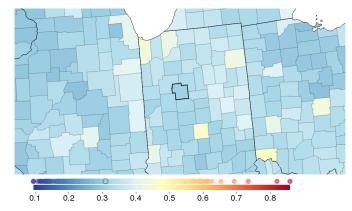


Fig. 12: Male breast cancer, 2014



FINDINGS: MALIGNANT SKIN MELANOMA

| % change 1980-2014 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|----------------|--------|
| +27.2 | 2057 | 1.9 | 2.2 | 2.3 | Female |
| +47.3 | 1709 | 4.5 | 5.1 | 5.0 | Male |

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

Fig. 13: Female malignant skin melanoma, 2014

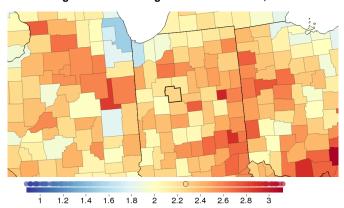


Fig. 14: Male malignant skin melanoma, 2014

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

| % change 1980-2014 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|----------------|--------|
| +46.8 | 1022 | 49.6 | 59.9 | 48.4 | Female |
| +18.9 | 630 | 63.8 | 75.5 | 54.5 | Male |

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

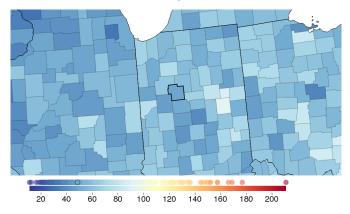
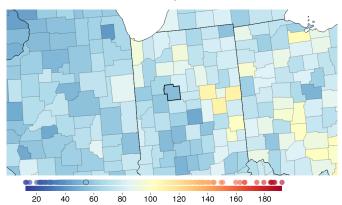


Fig. 16: Male diabetes, urogenital, blood, and endocrine diseases mortality, 2014



FINDINGS: SELF-HARM AND INTERPERSONAL VIOLENCE MORTALITY

| % change 1980-2014 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|----------------|--------|
| +36.2 | 1921 | 9.0 | 10.5 | 10.4 | Female |
| +3.4 | 585 | 30.9 | 34.5 | 24.9 | Male |

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

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

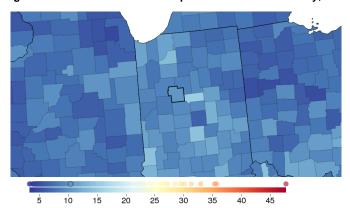


Fig. 18: Male self-harm and interpersonal violence mortality, 2014

FINDINGS: TRANSPORT INJURIES MORTALITY

| % change 1980-2014 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|----------------|--------|
| -41.6 | 1072 | 8.1 | 8.5 | 11.2 | Female |
| -38.6 | 1125 | 19.8 | 20.1 | 26.2 | Male |

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

Fig. 19: Female transport injuries mortality, 2014

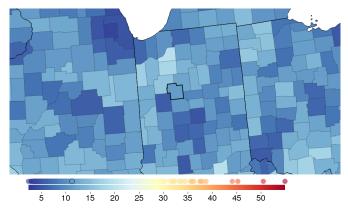
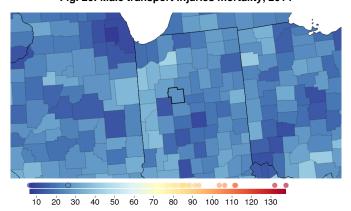


Fig. 20: Male transport injuries mortality, 2014



http://www.healthdata.org

FINDINGS: MENTAL AND SUBSTANCE USE DISORDERS MORTALITY

| % change 1980-2014 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|-----------------------|--------|
| +528.1 | 350 | 8.2 | 9.6 | 4.3 | Female |
| +455.8 | 702 | 18.7 | 20.6 | 10.6 | Male |

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

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

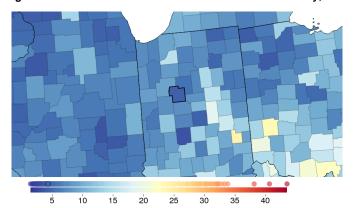
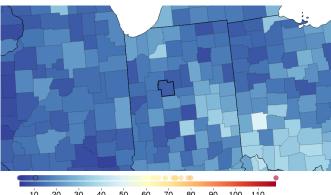


Fig. 22: Male mental and substance use disorders mortality, 2014



FINDINGS: CIRRHOSIS AND OTHER CHRONIC LIVER DISEASES MORTALITY

| % change 1980-2014 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|-----------------------|--------|
| +7.8 | 885 | 11.8 | 11.6 | 10.5 | Female |
| -10.9 | 267 | 22.2 | 21.2 | 13.6 | Male |

 $\label{fig:prop:continuous} \textbf{Fig. 23: Female cirrhosis and other chronic liver diseases mortality,} \\$

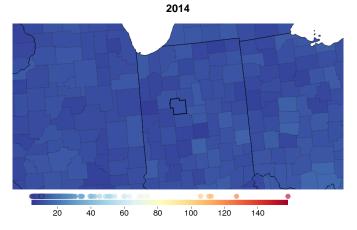
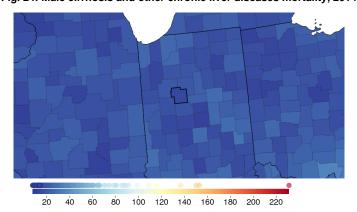


Fig. 24: Male cirrhosis and other chronic liver diseases mortality, 2014

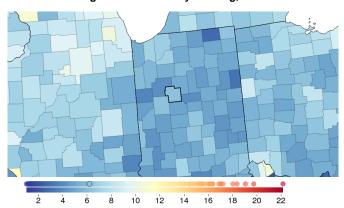


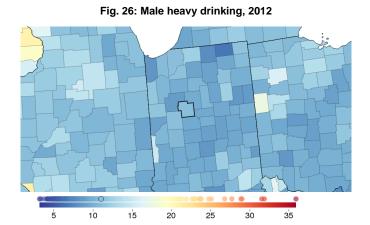
FINDINGS: HEAVY DRINKING

| Sex | Carroll County | Indiana | National | National rank | % change 2005-2012 |
|--------|-----------------------|---------|----------|---------------|--------------------|
| Female | 6.2 | 5.6 | 6.7 | 1983 | +61.3 |
| Male | 11.0 | 9.7 | 9.9 | 1895 | +21.1 |

prevalence (%), age-standardized, 2012

Fig. 25: Female heavy drinking, 2012





FINDINGS: BINGE DRINKING

| % change 2002-2012 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|----------------|--------|
| +47.6 | 2260 | 12.4 | 12.1 | 13.8 | Female |
| +15.0 | 1839 | 24.5 | 24.1 | 25.7 | Male |

prevalence (%), age-standardized, 2012

Fig. 27: Female binge drinking, 2012

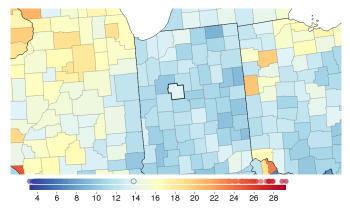
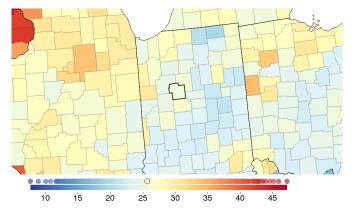


Fig. 28: Male binge drinking, 2012

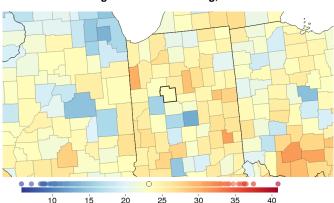


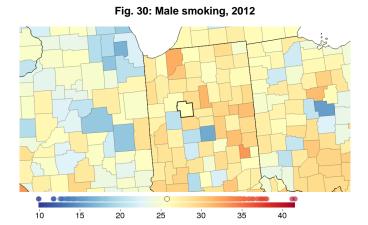
FINDINGS: SMOKING

| % change 1996-2012 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|----------------|--------|
| -5.7 | 1994 | 17.9 | 22.5 | 23.2 | Female |
| -20.3 | 1660 | 22.2 | 26.4 | 25.7 | Male |

prevalence (%), age-standardized, 2012

Fig. 29: Female smoking, 2012





FINDINGS: OBESITY

| % change 2001-2011 | National rank | National | Indiana | Carroll County | Sex |
|--------------------|---------------|----------|---------|----------------|--------|
| +22.6 | 1301 | 36.1 | 39.5 | 37.5 | Female |
| +39.3 | 2236 | 33.8 | 36.3 | 39.0 | Male |

prevalence (%), age-standardized, 2011

Fig. 31: Female obesity, 2011

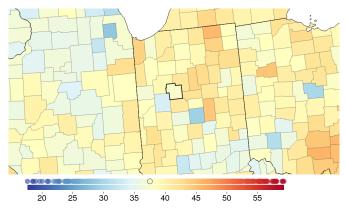
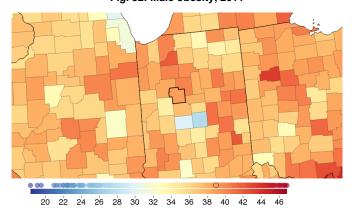


Fig. 32: Male obesity, 2011



FINDINGS: RECOMMENDED PHYSICAL ACTIVITY

| Sex | Carroll County | Indiana | National | National rank | % change 2001-2011 |
|--------|-----------------------|---------|----------|---------------|--------------------|
| Female | 46.3 | 47.6 | 52.6 | 2152 | +1.4 |
| Male | 54.9 | 52.5 | 56.3 | 1262 | +3.2 |

prevalence (%), age-standardized, 2011

Fig. 33: Female recommended physical activity, 2011

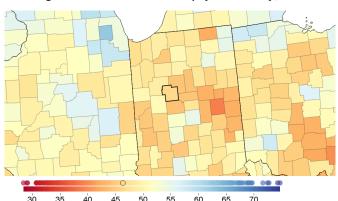


Fig. 34: Male recommended physical activity, 2011

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