# **2018 Community Health Needs Assessment Mercer County, IL**

Sponsored by

**Genesis Medical Center, Aledo Campus** 

## **Table of Contents**

| Exe | ecutive Summary                                    | 4  |
|-----|--|----|
|     | Full Health Indicators Report                      | 11 |
| De  | mographics   | 11 |
|     | Total Population                                   | 12 |
|     | Median Age   | 15 |
|     | Population Under Age 18                            | 16 |
|     | Population Age 18-64                               | 17 |
|     | Population Age 65+                                 | 18 |
|     | Population with Any Disability                     | 20 |
|     | Population in Limited English Households           | 21 |
|     | Population with Limited English Proficiency        | 22 |
|     | Population Geographic Mobility                     | 24 |
|     | Foreign-Born Population                            | 25 |
| So  | cial Economic Factors                              | 27 |
|     | Children Eligible for Free/Reduced Price Lunch     | 27 |
|     | High School Graduation Rate (NCES)                 | 29 |
|     | Income - Families Earning Over \$75,000            | 30 |
|     | Insurance - Population Receiving Medicaid          | 31 |
|     | Insurance - Uninsured Adults                       | 32 |
|     | Insurance - Uninsured Children                     | 33 |
|     | Insurance - Uninsured Population                   | 35 |
|     | Lack of Social or Emotional Support                | 36 |
|     | Population with Associate's Level Degree or Higher | 37 |
|     | Population with No High School Diploma             | 38 |
|     | Poverty - Children Below 100% FPL                  | 39 |
|     | Poverty - Children Below 200% FPL                  | 40 |
|     | Poverty - Population Below 100% FPL                | 41 |
|     | Poverty - Population Below 200% FPL                | 42 |
|     | Teen Births  | 43 |
| Ph  | ysical Environment                                 | 45 |
|     |  |    |

| Air Quality - Ozone   | 45 |
|---|----|
| Air Quality - Particulate Matter 2.5                        | 46 |
| Food Access - Fast Food Restaurants                         | 48 |
| Food Access - Grocery Stores                                | 49 |
| Food Access - Low Food Access                               | 50 |
| Food Access - Low Income Low Food Access                    | 51 |
| Food Access - SNAP-Authorized Food Stores                   | 52 |
| Food Access - WIC-Authorized Food Stores                    | 53 |
| Liquor Store Access   | 54 |
| Clinical Care   | 57 |
| Access to Dentists  | 57 |
| Cancer Screening - Pap Test                                 | 59 |
| Dental Care Utilization                                     | 61 |
| Diabetes Management - Hemoglobin A1c Test                   | 62 |
| Facilities Designated as Health Professional Shortage Areas | 64 |
| Federally Qualified Health Centers                          | 64 |
| HIV Screenings  | 65 |
| Lack of a Consistent Source of Primary Care                 | 66 |
| Pneumonia Vaccination                                       | 67 |
| Population Living in a Health Professional Shortage Area    | 68 |
| Preventable Hospital Events                                 | 69 |
| Health Behaviors  | 71 |
| Alcohol Consumption   | 71 |
| Alcohol Expenditures  | 72 |
| Fruit/Vegetable Consumption                                 | 73 |
| Fruit/Vegetable Expenditures                                | 73 |
| Soda Expenditures   | 76 |
| Tobacco Expenditures  | 77 |
| Tobacco Usage - Current Smokers                             | 78 |
| Tobacco Usage - Former or Current Smokers                   | 79 |
| Tobacco Usage - Quit Attempt                                | 80 |
| Health Outcomes   | 81 |
| Asthma Prevalence   | 81 |
| Cancer Incidence - Breast                                   | 82 |
| Cancer Incidence - Colon and Rectum                         | 83 |
| Cancer Incidence - Lung                                     | 84 |
| Cancer Incidence - Prostate                                 |    |
| Diabetes (Adult)  | 86 |

| Heart Disease (Adult)                      | 87  |
|--|-----|
| Infant Mortality                           | 88  |
| Low Birth Weight                           | 89  |
| Mortality - Cancer                         | 90  |
| Mortality - Heart Disease                  | 91  |
| Mortality - Lung Disease                   | 92  |
| Mortality - Motor Vehicle Crash            | 93  |
| Mortality - Pedestrian Motor Vehicle Crash | 94  |
| Mortality - Premature Death                | 95  |
| Mortality - Stroke                         | 96  |
| Mortality - Suicide                        | 97  |
| Mortality - Unintentional Injury           | 98  |
| Obesity                                    | 99  |
| Overweight                                 | 101 |
| Poor Dental Health                         | 102 |
| Poor General Health                        | 103 |
| STI - Chlamydia Incidence                  | 104 |
| STI - Gonorrhea Incidence                  | 105 |
| STI - HIV Prevalence                       | 107 |
| waaa                                       | 400 |

## **Executive Summary**

#### INTRODUCTION

This Community Health Needs Assessment (CHNA) was conducted on behalf of Genesis Medical Center –Aledo. This CHNA report yields information specific to the community, allowing for independent determination of health priorities.

Genesis Medical Center, Aledo (GMC-Aledo) has served Mercer County and surrounding communities with compassionate, high quality care since 1950. Throughout the years, the hospital has successfully responded to an evolving health care delivery system. GMC-Aledo is a nonprofit, charitable organization governed by the Genesis Health System Board of Directors. As a member of Genesis Health System, GMC-Aledo patients have access to extended services that a community hospital otherwise may not provide. The hospital is accredited by The Joint Commission (TJC) which ensures that high standards of patient care are met.

#### **Community Definition**

The community defined for this assessment is Mercer County in Illinois. A demographic description of the targeted population can be found in the first set of tables of the "Detailed Health Indicators" section of this report.

#### PROJECT OVERVIEW

## Methods & Approach

To complete this CHNA, existing health-related data was collected via the online Community Commons Community Health Needs Assessment report tool at <a href="http://www.communitycommons.org/maps-data">http://www.communitycommons.org/maps-data</a>. This site allows for identification of 87 distinct health and social indicators at the county level, along with comparisons to state and national data, and Healthy People 2020 Targets, where available. Once an indicator report was generated, relevant indicators were reviewed to determine how Mercer County compared to available state/national data. See the "Detailed Health Indicators" section of this document.

#### **Information Gaps**

Because this CHNA relies on existing datasets, it is limited in scope to those indicators currently available through database collection. It does not include a primary research component, and many important issues are unaddressed (e.g., mental health, children's health, etc.), or only addressed minimally (e.g., access to healthcare). Another limitation is that most measures included in this assessment represent data that are several years old.

#### Community Stakeholder Input

As part of this CHNA, GMC - Aledo partnered with the Mercer County Public Health Department and sought input from public health representatives and other community stakeholders with an interest in the health of the community through a series of discussion meetings.

Organizations and sectors represented at these community stakeholder meetings include:

Private Sector: Business Owners and Representatives

Voluntary Sector: Ministerial and Non-Profit Service Agencies

Informal Sector: Foundation and Daycare

Policy Partners: Law Enforcement, Board of Health and 708 Board

Health practitioners: Home Health, Public Health, Assisted Living, Long-term Care, Primary

Care, Pharmacy, Dental Care and Hospital Care

Beneficiaries: Insurance, Emergency Services, Coroner Resource Partners: Search and Rescue, Extension Office

Public Sector: Schools and County Board

An important component to these meetings was a discussion of the primary and chronic disease needs and other health issues of uninsured persons, low-income persons, and minority groups. This qualitative input was used to further inform the prioritization process described later in this summary.

#### **Existing Health Care Facilities & Resources**

The following represent known existing health care facilities and resources that are available to respond to the health needs of the community. These lists are not exhaustive and are subject to change, but these organizations represent potential partners in improving health in Mercer County:

Advanced Rehab & Sports Medicine

Aledo Rehab and Healthcare

American Red Cross

Brookstone of Aledo

Mercer County Crisis Center

Mercer County School System

Mercer County YMCA

Eagle View Community Health System

Mercer County Health Department

Genesis Ambulance

Genesis Health Group, Aledo

Genesis Medical Center, Aledo

Genesis Senior Living, Aledo

Sherrard School System

University of Illinois Extension

#### **IDENTIFIED HEALTH NEEDS**

Upon reviewing existing health indicator data (see the Detailed Health Indicators section); health needs for the community were identified to include all indicators for which either Mercer County compares unfavorably to state data, national data, established Healthy People 2020 targets, or any combination thereof. These indicators were then grouped into the following health categories, which represent the identified health needs of the community:

Access to Healthcare Services Alcohol, Tobacco & Other Drugs Cancer
Chronic Disease
Heart Disease & Stroke
Injury
Mental Health
Nutrition, Physical Activity & Weight
Oral Health

These health issues, and dispositions of the related health indicators, are outlined in the following table.

| KEY   |        |
|---|--------|
| IL Compares unfavorably to statewide data                       |        |
| US Compares unfavorably to national data.                       |        |
| HP Fails to meet Healthy People 2020 Target (limited metrics)   |        |
| N/A Unknown — data not available or are suppressed              |        |
| Bolded items are those which compare unfavorably at all levels. |        |
|   |        |
| ACCESS TO HEALTHCARE SERVICES                                   | Mercer |
| Access to Primary Care  | IL,US  |
| Uninsured Population (Adults)                                   |        |
| Uninsured Population (Children)                                 |        |
| Uninsured Population (Total)                                    |        |
| Federally Qualified Health Centers                              | N/A    |
| Pneumonia Vaccinations (Age 65+)                                | N/A    |
| Preventable Hospital Events                                     |        |
| Income & Education Barriers                                     |        |
| Children Eligible for Free/Reduced Price Lunch                  |        |
| o Children in Poverty   |        |
| o Income Over \$75,000 (Family)                                 | IL,US  |
| o Population in Poverty (200% FPL)                              |        |

| Population Receiving Medicaid                        |          |
|--|----------|
| o Population With Associate's Level Degree or Higher | IL,US    |
| Population With No High School Diploma               |          |
| ALCOHOL, TOBACCO & OTHER DRUGS                       | Mercer   |
| Alcohol Consumption                                  | N/A      |
| Alcohol Expenditures                                 | N/A      |
| Liquor Store Access                                  |          |
| Tobacco Usage (Current Smokers)                      | N/A      |
| Tobacco Usage (Former or Current Smokers)            | IL,US    |
| Tobacco Expenditures                                 | N/A      |
| Tobacco Usage (Quit Attempt)                         |          |
| CANCER   | Mercer   |
| Cancer Mortality                                     | IL,US,HP |
| Lung Cancer Incidence                                | US       |
| Breast Cancer Incidence                              | IL,US    |
| Colon and Rectum Cancer Incidence                    | IL,US,HP |
| Breast Cancer Screening (Mammogram)                  | , ,      |
| Cervical Screening (Pap Test)                        | N/A      |
| CHRONIC DISEASE                                      | Mercer   |
| Asthma Prevalence                                    | IL,US    |
| Diabetes Management (Hemoglobin A1c Test)            | ,        |
| HIV Screenings                                       | IL,US    |
| Population With Any Disability                       | IL,US    |
| ENVIRONMENTAL HEALTH                                 | Mercer   |
| Air Quality (Particulate Matter 2.5)                 | N/A      |
| HEART DISEASE & STROKE                               | Mercer   |
| Heart Disease Mortality                              | ~        |
| Heart Disease Prevalence                             | IL,US    |
| Stroke Mortality                                     | •        |
| High Blood Pressure Management                       | N/A      |
| INJURY   | Mercer   |
| Motor Vehicle Crash Death                            | ĨL,US    |
| MATERNAL/INFANT HEALTH & FAMILY                      | Mercer   |
| Infant Mortality                                     |          |
| Low Birth Weight                                     |          |
| Teen Births  |          |
| MENTAL HEALTH  | Mercer   |
| Lack of Social & Emotional Support                   | N/A      |
| Suicide  | IL,US,HP |
| NUTRITION, PHYSICAL ACTIVITY &                       | Mercer   |
| Fruit/Vegetable Consumption                          | N/A      |
| Fruit/Vegetable Expenditures                         | N/A      |
| Grocery Store Access                                 | IL,US    |
| Population With Low Food Access                      | IL,US    |
| <u>-</u>   | ,        |

| Low Income Population With Low Food Access | IL,US  |
|--|--------|
| SNAP-Authorized Food Store Access          |        |
| WIC-Authorized Food Store Access           | IL     |
| Soda Expenditures                          | N/A    |
| Physical Inactivity (Adults)               | IL,US  |
| Park Access                                | IL,US  |
| Recreation and Fitness Facility Access     | IL,US  |
| Use of Public Transportation               | N/A    |
| Overweight (Adults)                        | IL,US  |
| Obesity (Adults)                           | IL,US  |
| ORAL HEALTH                                | Mercer |
| Dental Care Utilization (Adults)           | IL,US  |
| Poor Dental Health (6+ Teeth Removed)      | IL,US  |
| STDs                                       | Mercer |
| Chlamydia Incidence                        |        |

#### Supportive Data

**Public Health IPLAN**. At least every five years, local boards of health lead a community-wide discussion with stakeholders and residents about their community's health needs. After identifying needs in the community, the next step is to identify objectives and strategies to address those needs. This process - Illinois Project for Local Assessment of Needs (IPLAN) - is a fundamental element in statewide planning. IPLAN has more than a 20-year history in Illinois and represents local action to promote and protect the health of Illinoisans.

Recent IPLAN activities in Mercer County relate to several of the health needs identified in the quantitative data review described above. These include the following health issues:

**Alcohol, Tobacco & Other Drugs** — Identified tobacco use as an issue and developed strategies to increase awareness and expand monitoring programs.

**Vaccine Preventable Diseases** — Identified vaccinations as a problem and developed strategies to monitor and increase vaccination rates.

**Nutrition, Physical Activity & Weight** — Identified obesity as a problem and developed strategies to track weight status and promote healthy lifestyles.

| COUNTY HEALTH RANKINGS (shows rank among 102 Illinois counties)                    | Mercer<br>County |
|--|------------------|
| HEALTH OUTCOMES  | 28               |
| Mortality (premature death)  | 44               |
| Morbidity (e.g., overall health status, low-weight births)                         |                  |
| Quality of Life  | 15               |
| HEALTH FACTORS   | 21               |
| Health Behaviors (e.g., smoking, drinking, weight)                                 | 25               |
| Clinical Care (e.g., uninsured rate, provider ratio, preventable hospitalizations) | 36               |
| Social & Economic Factors (e.g. education, income, crime)                          | 21               |
| Physical Environment (e.g., air/water quality, access to health food)              | 64               |

#### Prioritization of Health Needs

To prioritize the CHNA findings the community, the stakeholder group reviewed the CHNA data and prioritized the identified health needs to establish which would be best addressed. The group considered several criteria in deciding which of the health needs to focus on, including the following:

**Magnitude** — How many people are affected by a given health issue? How do we vary from state or national benchmarks? Healthy People 2020 targets?

**Seriousness & Impact** — To what degree does this health issue lead to death or disability, or impair quality of life? To what degree does this health issue impact other quality of life and health-related issues?

**Feasibility** — What is the likelihood of impacting this health issue, given available resources? **Consequences of Inaction** — What is the risk of exacerbating the problem by not addressing it at the earliest opportunity?

**Community Stakeholder Input** — Was this issue identified as a need in the community stakeholder meetings? What vulnerable populations were identified?

The community stakeholder group met on April 11, 2018 and May 17, 2018 to review the data and discuss the opportunities for improvement. The committee also reviewed the 2015 plan and progress to date on the issues identified in 2015. The committee agreed to keep the same key areas while adding exploration of cancer in access to health care.

- 1. Oral Health
- 2. Nutrition, Physical Activity & Weight
- 3. Mental Health and Substance Abuse
- 4. Access to Health Care including cancer screenings

#### 2018 Goals:

- Increase access to oral health for youth and seniors
- Mercer County residents will support, promote, and implement practices as it relates to healthy behaviors and wellbeing of individuals and families
- Mercer County will increase community access to mental health and substance abuse information, programs, resources and services
- Ensure equal access to health care for all

The remaining identified health needs were not deemed as significant, and a priority for these was not established for GMC-Aledo.

Chronic Disease

**Environmental Health** 

Injury

Screening and Immunizations

**STDs** 

Maternal/Infant Health & Family Planning

#### PUBLIC DISSEMINATION

This Community Health Needs Assessment will be made available to the public on the websites of the individual hospital facilities at <a href="www.genesishealth.com/community">www.genesishealth.com/community</a> and <a href="http://www.genesishealth.com/aledo/about-us/community-benefit/">http://www.genesishealth.com/aledo/about-us/community-benefit/</a>

#### These sites:

Inform readers that the CHNA Report is available and provides instructions for downloading it;

Offers the CHNA Report document in a format that, when accessed, downloaded, viewed, and printed in hard copy, exactly reproduces the image of the report;

Grants access to download, view, and print the document without special computer hardware or software required for that format (other than software that is readily available to members of the public without payment of any fee) and without payment of a fee to the hospital organization or facility or to another entity maintaining the website.

Each hospital facility will provide any individual requesting a copy of the written report with the direct website address, or URL, where the document can be accessed. Each will also maintain at its facilities a hardcopy of the CHNA report that may be viewed by any who request.



# Full Health Indicators Report

## **Demographics**

Current population demographics and changes in demographic composition over time play a determining role in the types of health and social services needed by communities.

#### Data Indicators

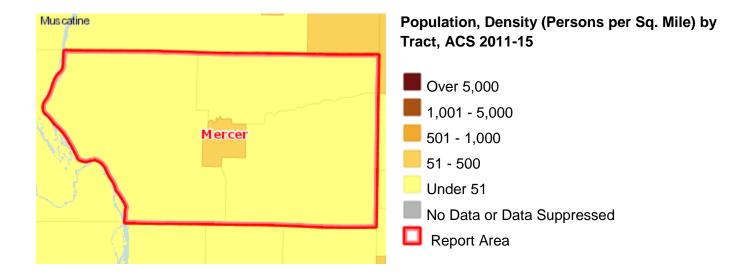
- Total Population
- Median Age
- Population Under Age 18
- Population Age 18-64
- Population Age 65
- · Population with Any Disability
- Population in Limited English Households
- Population with Limited English Proficiency
- Population Geographic Mobility
- Foreign-Born Population
- Hispanic Population
- Urban and Rural Population

# **Total Population**

A total of 16,107 people live in the 561.20 square mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2011-15 5-year estimates. The population density for this area, estimated at 28.7 persons per square mile, is less than the national average population density of 89.61 persons per square mile.

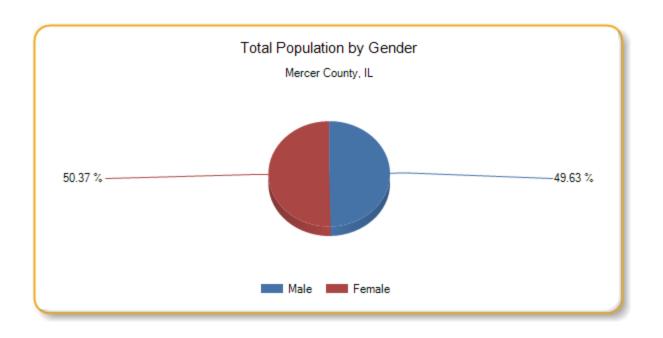
| Report Area       | Total Population |              | Population Density (Per Square Mile) |
|-------------------|------------------|--------------|--------------------------------------|
| Mercer County, IL | 16,107           | 561.20       | 28.7                                 |
| Illinois          | 12,873,761       | 55,519.52    | 231.88                               |
| United States     | 316,515,021      | 3,532,070.45 | 89.61                                |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract



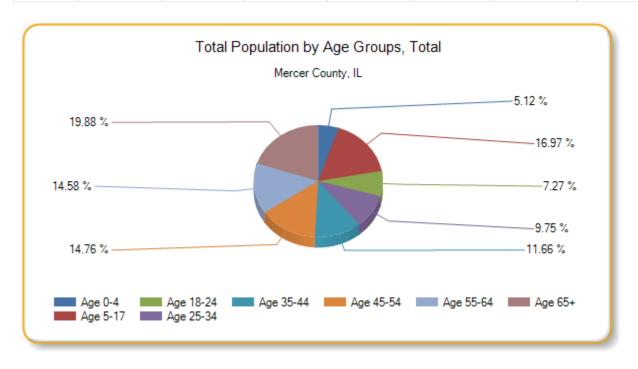
#### **Total Population by Gender**

| Report Area       | Male        | Female      | Percent Male | Percent Female |
|-------------------|-------------|-------------|--------------|----------------|
| Mercer County, IL | 7,994       | 8,113       | 49.63%       | 50.37%         |
| Illinois          | 6,316,899   | 6,556,862   | 49.07%       | 50.93%         |
| United States     | 155,734,280 | 160,780,741 | 49.2%        | 50.8%          |



## **Total Population by Age Groups, Total**

| Report<br>Area          | Age 0-4    | Age 5-17   | Age 18-24  | Age 25-34  | Age 35-44  | Age 45-54  | Age 55-64  | Age 65     |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Mercer<br>County,<br>IL | 825        | 2,734      | 1,171      | 1,570      | 1,878      | 2,378      | 2,349      | 3,202      |
| Illinois                | 801,195    | 2,222,539  | 1,249,849  | 1,781,564  | 1,688,662  | 1,799,314  | 1,592,650  | 1,737,988  |
| United<br>States        | 19,912,018 | 53,771,807 | 31,368,674 | 42,881,649 | 40,651,910 | 43,895,858 | 39,417,628 | 44,615,477 |

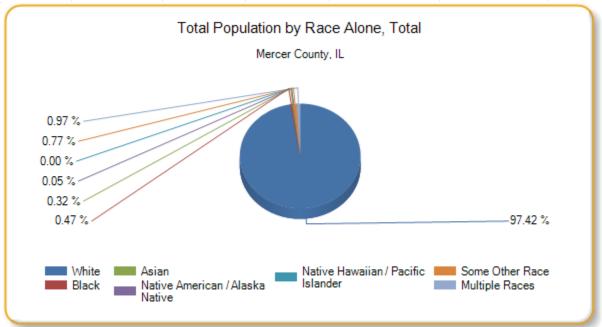


## **Total Population by Age Groups, Percent**

| Report Area       | Age 0-4 | Age 5-17 | Age 18-24 | Age 25-34 | Age 35-44 | Age 45-54 | Age 55-64 | Age 65 |
|-------------------|---------|----------|-----------|-----------|-----------|-----------|-----------|--------|
| Mercer County, IL | 5.12%   | 16.97%   | 7.27%     | 9.75%     | 11.66%    | 14.76%    | 14.58%    | 19.88% |
| Illinois          | 6.22%   | 17.26%   | 9.71%     | 13.84%    | 13.12%    | 13.98%    | 12.37%    | 13.5%  |
| United States     | 6.29%   | 16.99%   | 9.91%     | 13.55%    | 12.84%    | 13.87%    | 12.45%    | 14.1%  |

# **Total Population by Race Alone, Total**

| Report<br>Area       | White       | Black      | Asian      | Native<br>American /<br>Alaska Native | Native<br>Hawaiian /<br>Pacific<br>Islander | Some Other<br>Race | Multiple<br>Races |
|----------------------|-------------|------------|------------|---------------------------------------|---|--------------------|-------------------|
| Mercer<br>County, IL | 15,692      | 76         | 51         | 8                                     | 0   | 124                | 156               |
| Illinois             | 9,312,771   | 1,846,108  | 645,642    | 28,363                                | 3,407                                       | 747,933            | 289,537           |
| United<br>States     | 232,943,055 | 39,908,095 | 16,235,305 | 2,569,170                             | 546,255                                     | 14,865,258         | 9,447,883         |



## **Total Population by Race Alone, Percent**

| Report Area          | White  | Black  | Asian | Native American /<br>Alaska Native | Native Hawaiian /<br>Pacific Islander | Some Other Race | Multiple<br>Races |
|----------------------|--------|--------|-------|------------------------------------|---------------------------------------|-----------------|-------------------|
| Mercer<br>County, IL | 97.42% | 0.47%  | 0.32% | 0.05%                              | 0%                                    | 0.77%           | 0.97%             |
| Illinois             | 72.34% | 14.34% | 5.02% | 0.22%                              | 0.03%                                 | 5.81%           | 2.25%             |
| United<br>States     | 73.6%  | 12.61% | 5.13% | 0.81%                              | 0.17%                                 | 4.7%            | 2.98%             |

## **Total Population by Ethnicity Alone**

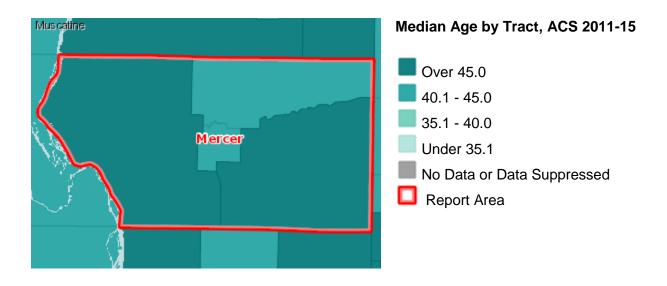
| Report<br>Area       | Total<br>Population | Hispanic or Latino Population | Percent Population<br>Hispanic or Latino | Non-Hispanic<br>Population | Percent Population<br>Non-Hispanic |
|----------------------|---------------------|-------------------------------|--|----------------------------|------------------------------------|
| Mercer<br>County, IL | 16,107              | 344                           | 2.14%                                    | 15,763                     | 97.86%                             |
| Illinois             | 12,873,761          | 2,122,841                     | 16.49%                                   | 10,750,920                 | 83.51%                             |
| United<br>States     | 316,515,021         | 54,232,205                    | 17.13%                                   | 262,282,816                | 82.87%                             |

# **Median Age**

This indicator reports population median age based on the 5-year American Community Survey estimate.

| Report Area       | Total Population | Median Age |
|-------------------|------------------|------------|
| Mercer County, IL | 16,107           | 44.3       |
| Illinois          | 12,873,761       | 37.3       |
| United States     | 316,515,021      | 37.6       |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract

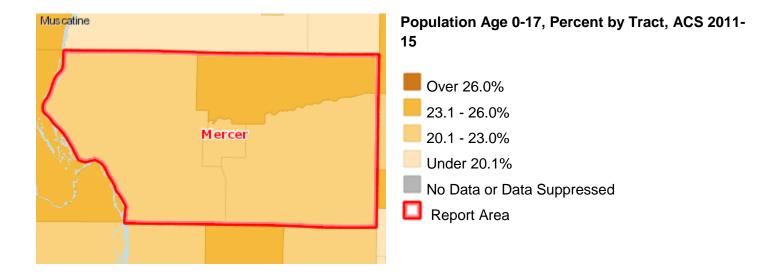


# **Population Under Age 18**

An estimated 22.1% of the population in the report area is under the age of 18 according to the U.S. Census Bureau American Community Survey 2011-15 5-year estimates. An estimated total of 3,559 youths resided in the area during this time period. The number of persons under age 18 is relevant because this population has unique health needs which should be considered separately from other age groups.

| Report Area       | Total Population | Population Age 0-17 | Percent Population Age 0-17 |
|-------------------|------------------|---------------------|-----------------------------|
| Mercer County, IL | 16,107           | 3,559               | 22.1%                       |
| Illinois          | 12,873,761       | 3,023,734           | 23.49%                      |
| United States     | 316,515,021      | 73,683,825          | 23.28%                      |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract



# Population Under Age 18 by Gender

This indicator reports the percentage of population that is under age 18 by gender.

| Report Area       | Total Male | Total Female | Percent Male | Percent Female |
|-------------------|------------|--------------|--------------|----------------|
| Mercer County, IL | 1,819      | 1,740        | 22.75%       | 21.45%         |
| Illinois          | 1,542,306  | 1,481,428    | 24.42%       | 22.59%         |
| United States     | 37,654,776 | 36,029,049   | 24.18%       | 22.41%         |

## Population Under Age 18 by Race Alone, Total

This indicator reports the proportion of each race (alone) making up the population under age 18.

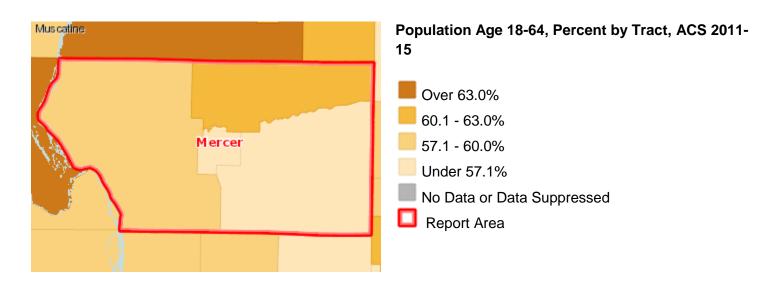
| Report<br>Area       | White      | Black or<br>African<br>American | Native<br>American /<br>Alaska Native | Asian     | Native<br>Hawaiian /<br>Pacific Islander | Some<br>Other Race | Multiple<br>Race |
|----------------------|------------|---------------------------------|---------------------------------------|-----------|--|--------------------|------------------|
| Mercer<br>County, IL | 3,411      | 6                               | 1                                     | 7         | 0  | 43                 | 91               |
| Illinois             | 2,004,170  | 482,741                         | 6,923                                 | 137,173   | 623                                      | 247,174            | 144,930          |
| United<br>States     | 49,982,166 | 10,457,998                      | 719,034                               | 3,380,436 | 149,702                                  | 4,582,944          | 4,411,545        |

## **Population Age 18-64**

This indicator reports the percentage of population age 18-64 in the designated geographic area. This indicator is relevant because it is important to understand the percentage of adults in the community, as this population has unique health needs which should be considered separately from other age groups.

| Report Area       | Total Population | Population Age 18-64 | Percent Population Age 18-64 |
|-------------------|------------------|----------------------|------------------------------|
| Mercer County, IL | 16,107           | 9,346                | 58.02%                       |
| Illinois          | 12,873,761       | 8,112,039            | 63.01%                       |
| United States     | 316,515,021      | 198,215,719          | 62.62%                       |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract



#### Population Age 18-64 by Gender

This indicator reports the percentage of population that are at age 18 to 64 by gender. In the report area, 59.04% of male population are at age 18-64, and 57.02% of female population are at age 18-64.

| Report Area       | Males<br>Age 18-64 | Females<br>Age 18-64 | Percent of Males<br>Age 18-64 | Percent of Females<br>Age 18-64 |
|-------------------|--------------------|----------------------|-------------------------------|---------------------------------|
| Mercer County, IL | 4,720              | 4,626                | 59.04%                        | 57.02%                          |
| Illinois          | 4,030,173          | 4,081,866            | 63.8%                         | 62.25%                          |
| United States     | 98,539,826         | 99,675,893           | 63.27%                        | 61.99%                          |

## Population Age 18-64 by Race Alone, Total

This indicator reports the proportion of each race (alone) making up the population aged 18 to 64.

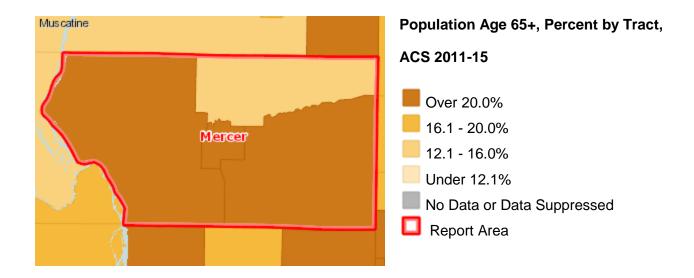
| Report<br>Area          | White<br>Age 18-64 | Black or<br>African<br>American<br>Age 18-64 | Native<br>American /<br>Alaska Native<br>Age 18-64 | Asian<br>Age 18-64 | Native<br>Hawaiian /<br>Pacific<br>Islander<br>Age 18-64 | Some<br>Other Race<br>Age 18-64 | Multiple<br>Race<br>Age 18-64 |
|-------------------------|--------------------|--|--|--------------------|--|---------------------------------|-------------------------------|
| Mercer<br>County,<br>IL | 9,104              | 65   | 6  | 31                 | 0  | 80                              | 60                            |
| Illinois                | 5,877,921          | 1,166,221                                    | 18,676   | 442,458            | 2,559  | 471,464                         | 132,740                       |
| United<br>States        | 145,398,677        | 25,551,913                                   | 1,628,598  | 11,110,268         | 359,044  | 9,582,682                       | 4,584,537                     |

# Population Age 65+

An estimated 19.88% of the population in the report area is age 65 or older according to the U.S. Census Bureau American Community Survey 2011-15 5-year estimates. An estimated total of 3,202 older adults resided in the area during this time period. The number of persons age 65 or older is relevant because this population has unique health needs which should be considered separately from other age groups.

| Report Area       | Total Population | Population Age 65+ | Percent Population Age 65+ |
|-------------------|------------------|--------------------|----------------------------|
| Mercer County, IL | 16,107           | 3,202              | 19.88%                     |
| Illinois          | 12,873,761       | 1,737,988          | 13.5%                      |
| United States     | 316,515,021      | 44,615,477         | 14.1%                      |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract



## Population Age 65 by Gender

This indicator reports the percentage of population that are at age 65 by gender. In the report area, 16.8% of male population are at age 65, and 21.53% of female population are at age 65.

| Report Area       | Total Male | Total Female | Percent Male | Percent Female |
|-------------------|------------|--------------|--------------|----------------|
| Mercer County, IL | 1,343      | 1,747        | 16.8%        | 21.53%         |
| Illinois          | 664,974    | 993,568      | 10.53%       | 15.15%         |
| United States     | 17,538,907 | 25,075,799   | 11.26%       | 15.6%          |

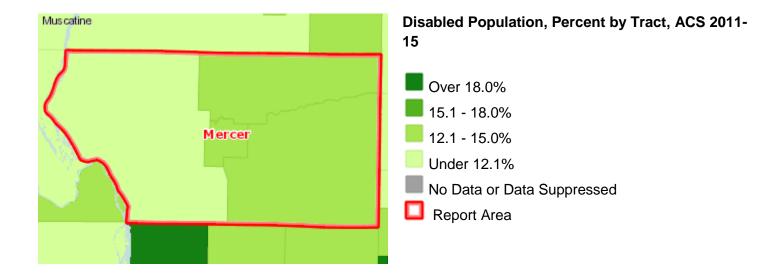
## Population Age 65 by Race Alone, Total

| Report<br>Area       | White      | Black or<br>African<br>American | Native<br>American /<br>Alaska Native | Asian     | Native Hawaiian<br>/ Pacific<br>Islander | Some<br>Other<br>Race | Multiple<br>Race |
|----------------------|------------|---------------------------------|---------------------------------------|-----------|--|-----------------------|------------------|
| Mercer<br>County, IL | 3,177      | 5                               | 1                                     | 13        | 0  | 1                     | 5                |
| Illinois             | 1,430,680  | 197,146                         | 2,764                                 | 66,011    | 225                                      | 29,295                | 11,867           |
| United<br>States     | 37,562,212 | 3,898,184                       | 221,538                               | 1,744,601 | 37,509                                   | 699,632               | 451,801          |

# **Population with Any Disability**

This indicator reports the percentage of the total civilian non-institutionalized population with a disability. This indicator is relevant because disabled individuals comprise a vulnerable population that requires targeted services and outreach by providers.

|                               |   |  |                                      | Percent Population with a     |
|-------------------------------|---|--|--------------------------------------|-------------------------------|
| Report<br>Area                | Total Population<br>(For Whom Disability<br>Status Is Determined) | Total Population with a Disability       | Percent Population with a Disability | Disability                    |
| Mercer<br>County, IL          | 15,851  | 2,003                                    | 12.64%                               | 0 20%                         |
| Illinois                      | 12,694,224  | 1,362,286                                | 10.73%                               |                               |
| United<br>States              | 311,516,332   | 38,601,898                               | 12.39%                               | Mercer County, IL<br>(12.64%) |
| Data Source:<br>geography: To | US Census Bureau, America   | Illinois (10.73%) United States (12.39%) |                                      |                               |



## Population with Any Disability by Gender

| Report Area       | Total Male | Total Female | Percent Male | Percent Female |
|-------------------|------------|--------------|--------------|----------------|
| Mercer County, IL | 963        | 1,040        | 12.21%       | 13.06%         |
| Illinois          | 643,594    | 718,692      | 10.38%       | 11.07%         |
| United States     | 18,587,228 | 20,014,670   | 12.22%       | 12.56%         |

## Population with Any Disability by Age Group, Total

| Report Area       | Under Age 18 | Age 18 - 64 | Age 65     |
|-------------------|--------------|-------------|------------|
| Mercer County, IL | 166          | 751         | 1,086      |
| Illinois          | 101,354      | 677,126     | 583,806    |
| United States     | 3,013,318    | 19,985,588  | 15,602,992 |

## Population with Any Disability by Race Alone, Total

| Report<br>Area       | White      | Black or<br>African<br>American | Native<br>American /<br>Alaska Native | Asian     | Native<br>Hawaiian /<br>Pacific Islander | Some<br>Other Race | Multiple<br>Race |
|----------------------|------------|---------------------------------|---------------------------------------|-----------|--|--------------------|------------------|
| Mercer<br>County, IL | 1,965      | 8                               | 2                                     | 9         | 0  | 9                  | 10               |
| Illinois             | 1,002,949  | 248,287                         | 4,312                                 | 39,335    | 303                                      | 42,402             | 24,698           |
| United<br>States     | 29,469,861 | 5,387,115                       | 412,973                               | 1,088,575 | 53,484                                   | 1,172,064          | 1,017,826        |

# **Population in Limited English Households**

This indicator reports the percentage of the population aged 5 and older living in Limited English speaking households. A "Limited English speaking household" is one in which no member 14 years old and over (1) speaks only English at home or (2) speaks a language other than English at home and speaks English "Very well." This indicator is significant as it identifies households and populations that may need English-language assistance.

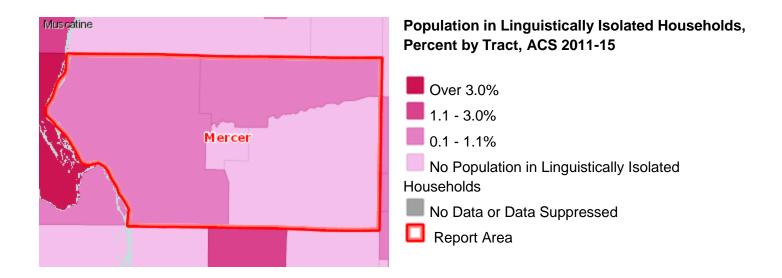
| Report<br>Area       | Total Population<br>Age 5 | Linguistically Isolated Population | Percent Linguistically Isolated Population |
|----------------------|---------------------------|------------------------------------|--|
| Mercer<br>County, IL | 15,282                    | 32                                 | 0.21%                                      |
| Illinois             | 12,072,566                | 572,092                            | 4.74%                                      |
| United<br>States     | 296,603,003               | 13,540,408                         | 4.57%                                      |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract

Percent Linguistically Isolated Population

15%

Mercer County, IL (0.21%)
Illinois (4.74%)
United States (4.57%)



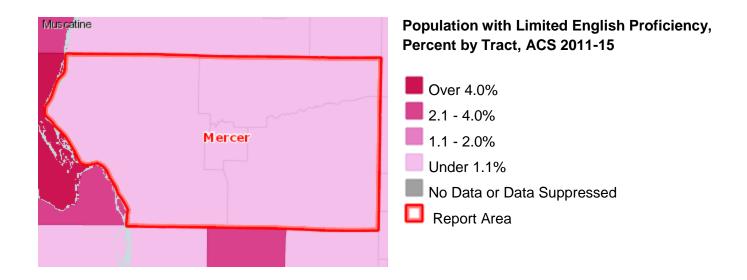
# **Population with Limited English Proficiency**

This indicator reports the percentage of the population aged 5 and older who speak a language other than English at home and speak English less than "very well." This indicator is relevant because an inability to speak English well creates barriers to healthcare access, provider communications, and health literacy/education.

| Report<br>Area       | Population<br>Age 5 | Population Age 5<br>with Limited English<br>Proficiency | Percent Population Age<br>5 with Limited English<br>Proficiency | Limited English Proficiency                |
|----------------------|---------------------|---|---|--|
| Mercer<br>County, IL | 15,282              | 74  | 0.48%   | 0 25%                                      |
| Illinois             | 12,072,566          | 1,109,874   | 9.19%   |  |
| United<br>States     | 296,603,003         | 25,410,756  | 8.57%   | Mercer County, IL (0.48%) Illinois (9.19%) |
| Data Source:         | US Census Bure      | eau. American Community                                 | Survey, 2011-15, Source   | United States (8.57%)                      |

geography: Tract

Percent Population Age 5 with



# Population with Limited English Proficiency by Race Alone, Total

| Report<br>Area       | White      | Black or<br>African<br>American | Native<br>American /<br>Alaska Native | Asian     | Native<br>Hawaiian /<br>Pacific Islander | Some Other<br>Race | Multiple<br>Race |
|----------------------|------------|---------------------------------|---------------------------------------|-----------|--|--------------------|------------------|
| Mercer<br>County, IL | 40         | 0                               | 0                                     | 26        | 0  | 5                  | 3                |
| Illinois             | 593,082    | 23,868                          | 4,477                                 | 191,853   | 326                                      | 278,985            | 17,283           |
| United<br>States     | 13,108,814 | 1,097,868                       | 176,558                               | 5,331,938 | 68,442                                   | 5,051,093          | 576,043          |

# Population with Limited English Proficiency by Language Spoken at Home (4-Category)

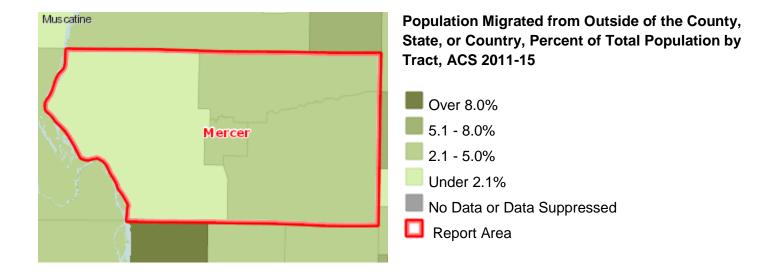
| Report Area          | Spanish    | Other Indo-European Languages | Asian and Pacific Island Languages | Other Languages Island Languages |
|----------------------|------------|-------------------------------|------------------------------------|----------------------------------|
| Mercer<br>County, IL | 25         | 19                            | 26                                 | 4                                |
| Illinois             | 680,733    | 241,577                       | 149,231                            | 38,333                           |
| United States        | 16,305,893 | 3,442,377                     | 4,781,210                          | 881,276                          |

## **Population Geographic Mobility**

This indicator reports information about population in-migration by assessing changes in residence within a one-year period. Of the 15,985 persons residing in the report area, an estimated 3.42% relocated to the area, according to the latest American Community Survey 5-year estimates. Persons who moved to a new household from outside of their current county of residence, from outside their state of residence, or from abroad are considered part of the in-migrated population. Persons who moved to a new household from a different household within their current county of residence are not included.

| Report Area       | Total Population | Population In-Migration | Percent Population In-Migration |
|-------------------|------------------|-------------------------|---------------------------------|
| Mercer County, IL | 15,985           | 546                     | 3.42%                           |
| Illinois          | 12,724,109       | 602,068                 | 4.73%                           |
| United States     | 312,784,059      | 19,121,884              | 6.11%                           |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract



#### Population In-Migration by Race Alone, Total

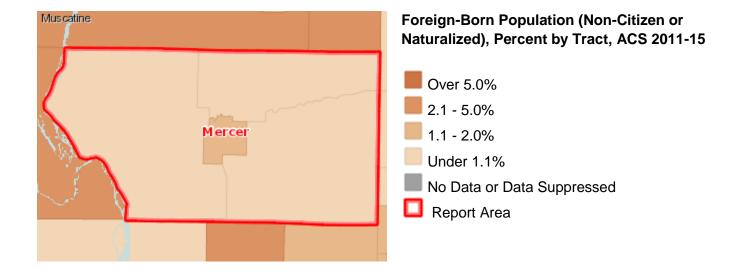
| Report<br>Area       | White      | Black or<br>African<br>American | Native<br>American /<br>Alaska Native | Asian     | Native Hawaiian<br>/ Pacific<br>Islander | Some<br>Other<br>Race | Multiple<br>Race |
|----------------------|------------|---------------------------------|---------------------------------------|-----------|--|-----------------------|------------------|
| Mercer<br>County, IL | 486        | 14                              | 0                                     | 5         | 0  | 0                     | 41               |
| Illinois             | 422,352    | 82,950                          | 1,671                                 | 57,681    | 278                                      | 19,398                | 17,738           |
| United<br>States     | 13,590,371 | 2,501,724                       | 171,745                               | 1,370,585 | 39,943                                   | 728,786               | 718,730          |

## **Foreign-Born Population**

This indicator reports the percentage of the population that is foreign-born. The foreign-born population includes anyone who was not a U.S. citizen or a U.S. national at birth. This includes any non-citizens, as well as persons born outside of the U.S. who have become naturalized citizens. The native U.S. population includes any person born in the United States, Puerto Rico, a U.S. Island Area (such as Guam), or abroad of American (U.S. citizen) parent or parents. The latest figures from the U.S. Census Bureau show that 141 persons in the report area are of foreign birth, which represents 0.88% of the report area population. This percentage is less than the national rate of 13.18%.

| Report<br>Area       | Total<br>Population | Naturalized<br>U.S. Citizens | Population Without U.S. Citizenship | Total Foreign-<br>Birth Population | Foreign-Birth Population,<br>Percent of Total<br>Population |
|----------------------|---------------------|------------------------------|-------------------------------------|------------------------------------|---|
| Mercer<br>County, IL | 16,107              | 99                           | 42                                  | 141                                | 0.88%   |
| Illinois             | 12,873,761          | 863,945                      | 939,742                             | 1,803,687                          | 14.01%  |
| United<br>States     | 316,515,021         | 19,448,227                   | 22,269,193                          | 41,717,420                         | 13.18%  |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract



### Foreign-Born Population by Race Alone, Total

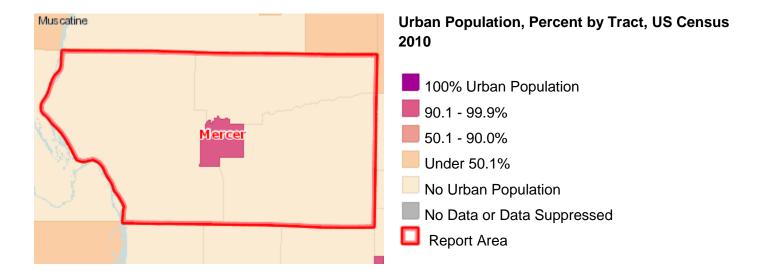
| Report<br>Area       | White      | Black or<br>African<br>American | Native<br>American /<br>Alaska Native | Asian     | Native<br>Hawaiian /<br>Pacific Islander | Some Other<br>Race | Multiple<br>Race |
|----------------------|------------|---------------------------------|---------------------------------------|-----------|--|--------------------|------------------|
| Mercer<br>County, IL | 82         | 0                               | 1                                     | 23        | 0  | 8                  | 1                |
| Illinois             | 872,049    | 56,732                          | 3,965                                 | 401,820   | 843                                      | 396,428            | 22,971           |
| United<br>States     | 18,650,570 | 3,203,416                       | 155,034                               | 9,657,447 | 108,355                                  | 6,747,032          | 746,984          |

## **Urban and Rural Population**

This indicator reports the percentage of population living in urban and rural areas. Urban areas are identified using population density, count, and size thresholds. Urban areas also include territory with a high degree of impervious surface (development). Rural areas are all areas that are not urban.

| Report Area       | Total Population | Urban Population | Rural Population | Percent Urban | Percent Rural |
|-------------------|------------------|------------------|------------------|---------------|---------------|
| Mercer County, IL | 16,434           | 3,655            | 12,779           | 22.24%        | 77.76%        |
| Illinois          | 12,830,632       | 11,353,553       | 1,477,079        | 88.49%        | 11.51%        |
| United States     | 312,471,327      | 252,746,527      | 59,724,800       | 80.89%        | 19.11%        |

Data Source: US Census Bureau, Decennial Census. 2010. Source geography: Tract



## **Rural Population, Total by Age Group**

| Report Area       | Population Under Age 18 | Population Age 18-64 | Population Age 65 |
|-------------------|-------------------------|----------------------|-------------------|
| Mercer County, IL | 2,944                   | 7,731                | 2,104             |
| Illinois          | 336,613                 | 902,869              | 237,597           |
| United States     | 13,907,394              | 36,734,957           | 9,082,449         |

## **Rural Population, Percent by Age Group**

| Report Area       | Population Under Age 18 | Population Age 18-64 | Population Age 65 |
|-------------------|-------------------------|----------------------|-------------------|
| Mercer County, IL | 79.14%                  | 79.59%               | 70.11%            |
| Illinois          | 10.76%                  | 11.16%               | 14.76%            |
| United States     | 18.52%                  | 18.69%               | 22.26%            |

#### **Rural Population, Total by Race Alone**

| Report<br>Area       | White      | Black or<br>African<br>American | Native<br>American /<br>Alaska Native | Asian   | Native<br>Hawaiian /<br>Pacific Islander | Some Other<br>Race | Multiple<br>Race |
|----------------------|------------|---------------------------------|---------------------------------------|---------|--|--------------------|------------------|
| Mercer<br>County, IL | 12,552     | 25                              | 16                                    | 40      | 1  | 38                 | 107              |
| Illinois             | 1,417,899  | 22,338                          | 3,073                                 | 6,304   | 321                                      | 11,954             | 15,190           |
| United<br>States     | 52,457,879 | 3,533,008                       | 1,043,048                             | 399,200 | 40,683                                   | 1,242,870          | 1,008,112        |

#### **Social Economic Factors**

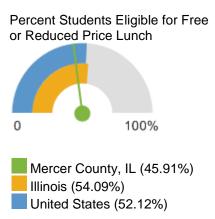
Economic and social insecurity often are associated with poor health. Poverty, unemployment, and lack of educational achievement affect access to care and a community's ability to engage in healthy behaviors. Without a network of support and a safe community, families cannot thrive. Ensuring access to social and economic resources provides a foundation for a healthy community.

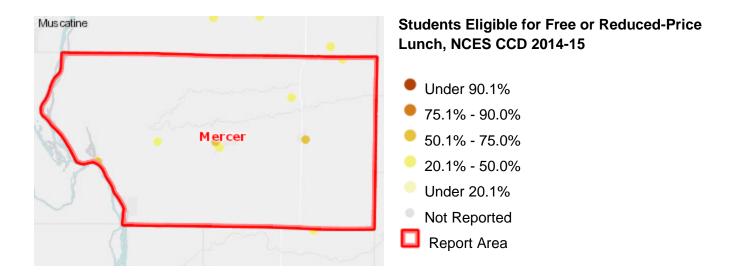
## Children Eligible for Free/Reduced Price Lunch

Within the report area 989 public school students or 45.91% are eligible for Free/Reduced Price lunch out of 2,154 total students enrolled. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs. Additionally, when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

| Report<br>Area       | Total<br>Students | Number Free/Reduced<br>Price Lunch Eligible | Percent Free/Reduced<br>Price Lunch Eligible |
|----------------------|-------------------|---|--|
| Mercer<br>County, IL | 2,154             | 989   | 45.91%                                       |
| Illinois             | 2,041,266         | 1,104,129                                   | 54.09%                                       |
| United<br>States     | 50,436,641        | 26,213,915                                  | 52.12%                                       |

Data Source: National Center for Education Statistics, NCES - Common Core of Data. 2014-15. Source geography: Address

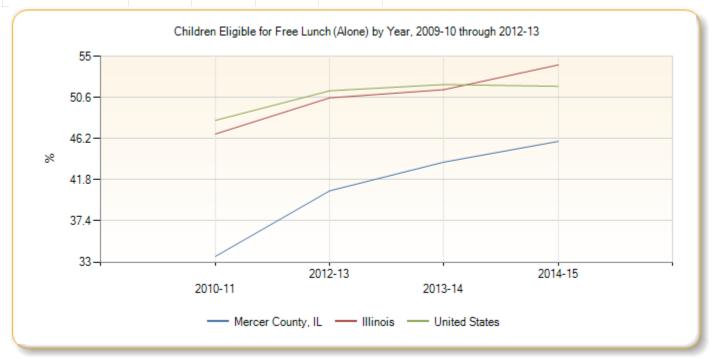




## Children Eligible for Free Lunch (Alone) by Year, 2009-10 through 2012-13

The table below shows local, state, and National trends in student free and reduced lunch eligibility. *Note: Data for the 2011-12 school year are omitted due to lack of data for some states.* 

| Report Area       | 2010-11 | 2012-13 | 2013-14 | 2014-15 |
|-------------------|---------|---------|---------|---------|
| Mercer County, IL | 33.59%  | 40.62%  | 43.69%  | 45.91%  |
| Illinois          | 46.69%  | 50.56%  | 51.44%  | 54.09%  |
| United States     | 48.15%  | 51.32%  | 51.99%  | 51.8%   |

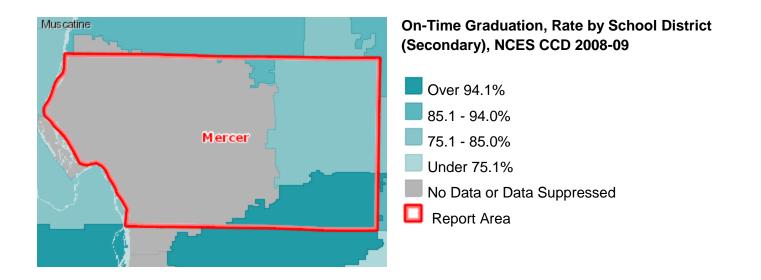


# **High School Graduation Rate (NCES)**

This indicator reports the average freshman graduate rate, which measures the percentage of students receiving their high school diploma within four years. This indicator is relevant because low levels of education are often linked to poverty and poor health.

|                      |                                     |                                     |                            | On-Time Gra  | duation      |
|----------------------|-------------------------------------|-------------------------------------|----------------------------|--------------|--------------|
| Report Area          | Average Freshman<br>Base Enrollment | Estimated Number of Diplomas Issued | On-Time<br>Graduation Rate | Rate         |              |
| Mercer<br>County, IL | no data                             | no data                             | no data                    |              |              |
| Illinois             | 169,361                             | 131,670                             | 77.7                       | 0            | 100%         |
| United<br>States     | 4,024,345                           | 3,039,015                           | 75.5                       | Illinois (77 |              |
| HP 2020<br>Target    |                                     |                                     | > =82.4                    | United St    | ates (75.5%) |

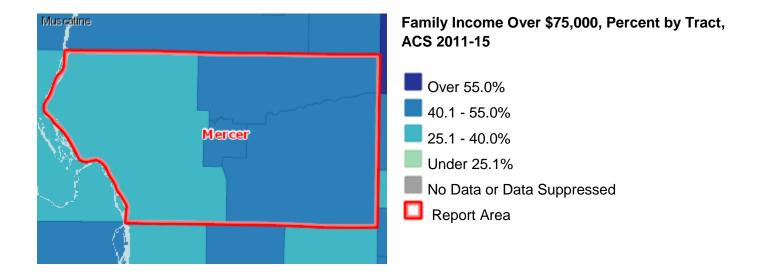
Data Source: National Center for Education Statistics, NCES - Common Core of Data. 2008-09. Source geography: County



## **Income - Families Earning Over \$75,000**

In the report area, 40.66%, or 1,889 families report a total annual income of \$75,000 or greater. Total income includes all reported income from wages and salaries as well as income from self-employment, interest or dividends, public assistance, retirement, and other sources. As <u>defined</u> by the US Census Bureau, a family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption. A non-family household is any household occupied by the householder alone, or by the householder and one or more unrelated individuals.

|  |                   |                                       |  | Percent Fa              | milies with Income         |  |
|--|-------------------|---------------------------------------|--|-------------------------|----------------------------|--|
| Report Area  | Total<br>Families | Families with Income<br>Over \$75,000 | Percent Families with Income Over \$75,000 | Over \$75,0             | 00                         |  |
| Mercer<br>County, IL   | 4,646             | 1,889                                 | 40.66%                                     |                         |                            |  |
| Illinois   | 3,124,683         | 1,491,777                             | 47.74%                                     | 0                       | 75%                        |  |
| United<br>States   | 77,260,546        | 33,885,974                            | 43.86%                                     | Mercer County, IL (40.6 |                            |  |
| Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract |                   |                                       |  |                         | 47.74%)<br>States (43.86%) |  |



#### Families with Income Over \$75,000 by Race Alone, Total

| Report<br>Area       | White      | Black or<br>African<br>American | Native<br>American /<br>Alaska Native | Asian     | Native Hawaiian<br>/ Pacific<br>Islander | Some<br>Other<br>Race | Multiple<br>Race |
|----------------------|------------|---------------------------------|---------------------------------------|-----------|--|-----------------------|------------------|
| Mercer<br>County, IL | 1,859      | 9                               | 1                                     | 7         | 0  | 0                     | 13               |
| Illinois             | 1,240,677  | 106,639                         | 1,996                                 | 88,944    | 293                                      | 38,001                | 15,227           |
| United<br>States     | 28,042,926 | 2,361,904                       | 146,020                               | 2,093,849 | 40,088                                   | 681,144               | 520,043          |

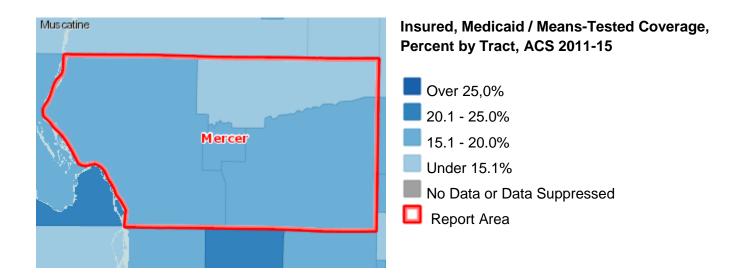
## **Insurance - Population Receiving Medicaid**

This indicator reports the percentage of the population with insurance enrolled in Medicaid (or other meanstested public health insurance). This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs; when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

|                         |   |  |                                     |  | Percent of Insured                       |
|-------------------------|---|--|-------------------------------------|--|--|
| Report<br>Area          | Total Population<br>(For Whom<br>Insurance Status<br>is Determined) | Population with<br>Any Health<br>Insurance | Population<br>Receiving<br>Medicaid | Percent of<br>Insured<br>Population<br>Receiving<br>Medicaid | Population Receiving Medicaid            |
| Mercer<br>County,<br>IL | 15,851  | 15,023                                     | 2,370                               | 15.78%   | 0 25%                                    |
| Illinois                | 12,694,224  | 11,295,589                                 | 2,357,392                           | 20.87%   | Mercer County, IL (15.78%)               |
| United<br>States        | 311,516,332   | 271,070,101                                | 57,557,806                          | 21.23%   | Illinois (20.87%) United States (21.23%) |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source

geography: Tract



#### Population Receiving Medicaid by Age Group, Percent

| Report Area       | Under Age 18 | Age 18 - 64 | Age 65 |
|-------------------|--------------|-------------|--------|
| Mercer County, IL | 26.69%       | 11.28%      | 12.38% |
| Illinois          | 39.91%       | 11.98%      | 11.59% |
| United States     | 37.9%        | 12.12%      | 14.09% |

## Population Receiving Medicaid by Age Group, Total

| Report Area       | Under Age 18 | Age 18 - 64 | Age 65    |
|-------------------|--------------|-------------|-----------|
| Mercer County, IL | 950          | 1,043       | 377       |
| Illinois          | 1,205,036    | 958,396     | 193,960   |
| United States     | 27,872,020   | 23,582,701  | 6,103,085 |

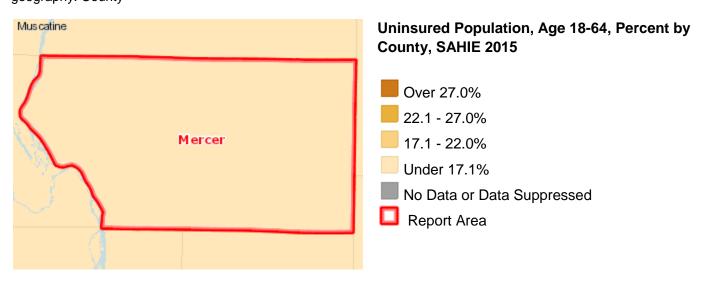
# **Insurance - Uninsured Adults**

The lack of health insurance is considered a *key driver* of health status.

This indicator reports the percentage of adults age 18 to 64 without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

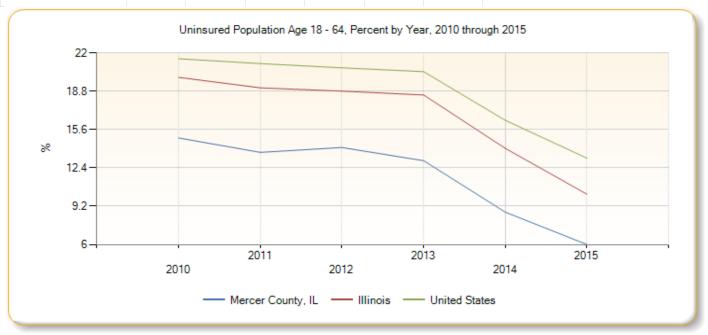
|                         |                                    |   |   |   |  | Percent Population Age 18-               |
|-------------------------|------------------------------------|---|---|---|--|--|
| Report<br>Area          | Total<br>Population<br>Age 18 - 64 | Population<br>with Medical<br>Insurance | Percent<br>Population<br>With<br>Medical<br>Insurance | Population<br>Without<br>Medical<br>Insurance | Percent<br>Population<br>Without<br>Medical<br>Insurance | 64 Without Medical<br>Insurance          |
| Mercer<br>County,<br>IL | 9,085                              | 8,537                                   | 93.97%  | 548   | 6.03%  | 0 50%                                    |
| Illinois                | 7,879,914                          | 7,072,752                               | 89.76%  | 807,162                                       | 10.24%   | Mercer County, IL (6.03%)                |
| United<br>States        | 194,584,952                        | 168,884,012                             | 86.79%  | 25,700,940                                    | 13.21%   | Illinois (10.24%) United States (13.21%) |

Data Source: US Census Bureau, Small Area Health Insurance Estimates. 2015. Source geography: County



## Uninsured Population Age 18 - 64, Percent by Year, 2010 through 2015

| Report Area       | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   |
|-------------------|--------|--------|--------|--------|--------|--------|
| Mercer County, IL | 14.9%  | 13.7%  | 14.1%  | 13%    | 8.70%  | 6%     |
| Illinois          | 19.96% | 19.09% | 18.81% | 18.49% | 14.03% | 10.2%  |
| United States     | 21.52% | 21.11% | 20.76% | 20.44% | 16.37% | 13.21% |



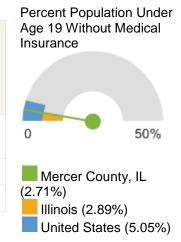
## **Insurance - Uninsured Children**

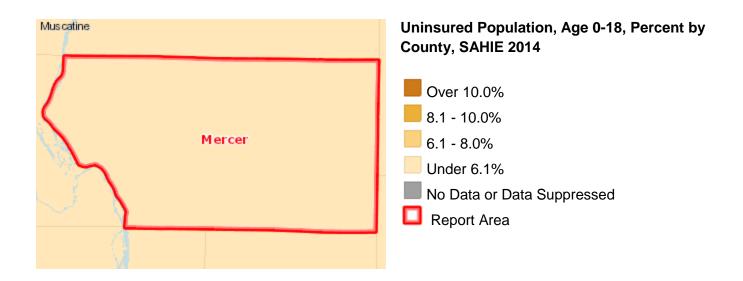
The lack of health insurance is considered a *key driver* of health status.

This indicator reports the percentage of children under age 19 without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

| Report<br>Area   | Total<br>Population<br>Under Age<br>19 | Population with Medical Insurance | Percent<br>Population<br>With Medical<br>Insurance | Population<br>Without<br>Medical<br>Insurance | Percent<br>Population<br>Without<br>Medical<br>Insurance |
|------------------|--|-----------------------------------|--|---|--|
| Mercer<br>County | 3,583                                  | 3,486                             | 97.29%   | 97  | 2.71%  |
| Illinois         | 3,067,513                              | 2,978,943                         | 97.11%   | 88,570  | 2.89%  |
| US               | 76,217,025                             | 72,369,595                        | 94.95%   | 3,847,430                                     | 5.05%  |

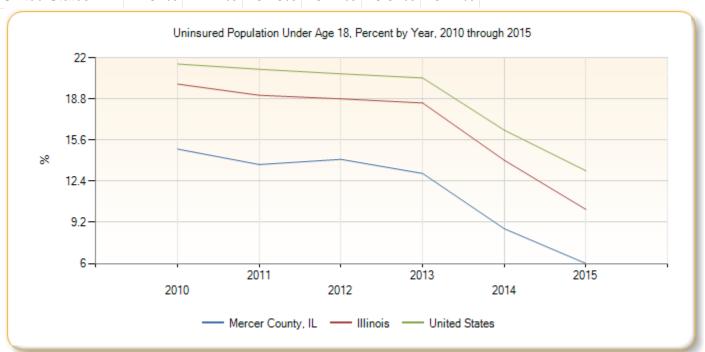
Data Source: US Census Bureau, Small Area Health Insurance Estimates. 2014.





# Uninsured Population Under Age 18, Percent by Year, 2010 through 2015

| Report Area       | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   |
|-------------------|--------|--------|--------|--------|--------|--------|
| Mercer County, IL | 14.9%  | 13.7%  | 14.1%  | 13%    | 8.70%  | 6%     |
| Illinois          | 19.96% | 19.09% | 18.81% | 18.49% | 14.03% | 10.2%  |
| United States     | 21.52% | 21.11% | 20.76% | 20.44% | 16.37% | 13.21% |

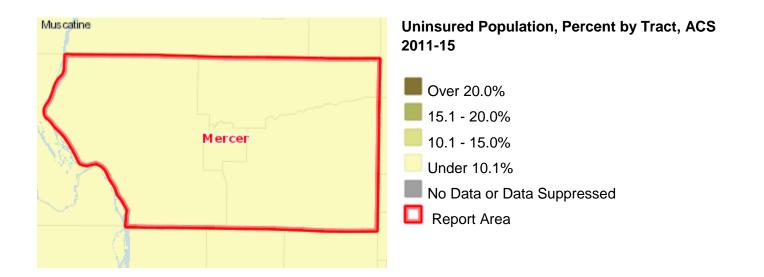


# **Insurance - Uninsured Population**

The lack of health insurance is considered a key driver of health status.

This indicator reports the percentage of the total civilian non-institutionalized population without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

|                  |      |  |                            |                              | Percent Uninsured                        |
|------------------|------|--|----------------------------|------------------------------|--|
| Report           | Area | Total Population<br>(For Whom Insurance<br>Status is Determined) | Total Uninsured Population | Percent Uninsured Population | Population                               |
| Mercer<br>County |      | 15,851   | 828                        | 5.22%                        | 0 25%                                    |
| Illinois         |      | 12,694,224   | 1,398,635                  | 11.02%                       |  |
| United<br>States |      | 311,516,332  | 40,446,231                 | 12.98%                       | Mercer County, IL<br>(5.22%)             |
| Data Sogeograp   |      | S Census Bureau, American Coct                                   | ommunity Survey. 201       | 1-15. Source                 | Illinois (11.02%) United States (12.98%) |



### **Uninsured Population by Gender**

| Report Area       | Total Male | Total Female | Percent Male | Percent Female |
|-------------------|------------|--------------|--------------|----------------|
| Mercer County, IL | 421        | 407          | 5.34%        | 5.11%          |
| Illinois          | 781,758    | 616,877      | 12.61%       | 9.5%           |
| United States     | 21,731,700 | 18,714,531   | 14.29%       | 11.74%         |

Dargant Liningurad

## **Uninsured Population by Age Group, Total**

| Report Area       | Under Age 18 | Age 18 - 64 | Age 65  |
|-------------------|--------------|-------------|---------|
| Mercer County, IL | 76           | 742         | 10      |
| Illinois          | 102,794      | 1,277,221   | 18,620  |
| United States     | 4,756,380    | 35,276,066  | 413,785 |

## **Uninsured Population by Race Alone, Total**

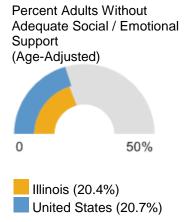
| Report<br>Area          | Non-<br>Hispanic<br>White | Black or<br>African<br>American | Native<br>American /<br>Alaska Native | Asian     | Native<br>Hawaiian /<br>Pacific<br>Islander | Some<br>Other Race | Multiple<br>Race |
|-------------------------|---------------------------|---------------------------------|---------------------------------------|-----------|---|--------------------|------------------|
| Mercer<br>County,<br>IL | 790                       | 0                               | 0                                     | 0         | 0   | 25                 | 2                |
| Illinois                | 555,481                   | 262,718                         | 4,363                                 | 76,962    | 563   | 199,757            | 25,839           |
| United<br>States        | 17,527,458                | 5,893,638                       | 627,102                               | 2,020,682 | 82,052                                      | 4,232,966          | 1,102,953        |

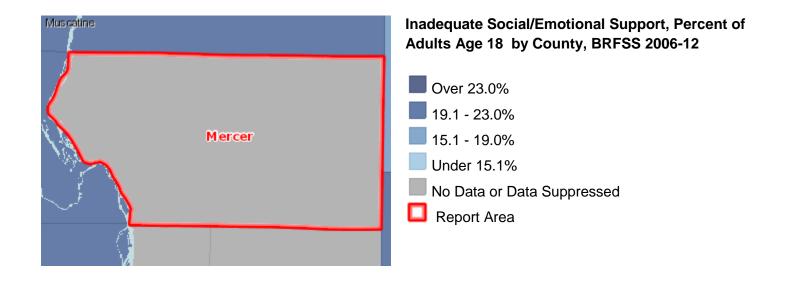
# **Lack of Social or Emotional Support**

This indicator reports the percentage of adults aged 18 and older who self-report that they receive insufficient social and emotional support all or most of the time. This indicator is relevant because social and emotional support is critical for navigating the challenges of daily life as well as for good mental health. Social and emotional support is also linked to educational achievement and economic stability.

| Report<br>Area          | Total<br>Population<br>Age 18 | Estimated Population<br>Without Adequate<br>Social / Emotional<br>Support | Crude<br>Percentage | Age-Adjusted<br>Percentage |
|-------------------------|-------------------------------|---|---------------------|----------------------------|
| Mercer<br>County,<br>IL | 12,742                        | no data   | suppressed          | suppressed                 |
| Illinois                | 9,654,603                     | 1,969,539   | 20.4%               | 20.4%                      |
| United<br>States        | 232,556,016                   | 48,104,656  | 20.7%               | 20.7%                      |

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County



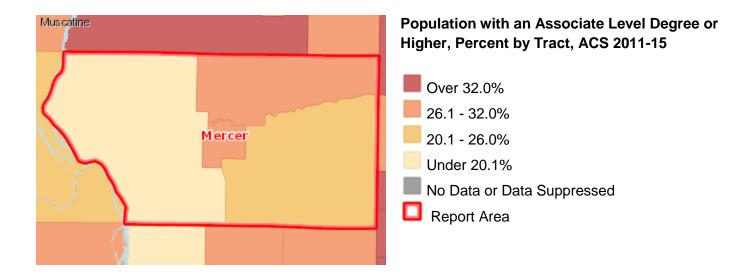


## Population with Associate's Level Degree or Higher

24.95% of the population aged 25 and older, or 2,838 have obtained an Associate's level degree or higher. This indicator is relevant because educational attainment has been linked to positive health outcomes.

|                         |                               |   |   | Percent Population Age 25 with           |
|-------------------------|-------------------------------|---|---|--|
| Report<br>Area          | Total<br>Population Age<br>25 | Population Age 25<br>with Associate's<br>Degree or Higher | Percent Population Age<br>25 with Associate's<br>Degree or Higher | Associate's Degree or Higher             |
| Mercer<br>County,<br>IL | 11,377                        | 2,838   | 24.95%  | 0 100%                                   |
| Illinois                | 8,600,178                     | 3,436,775   | 39.96%  | Mercer County, IL (24.95%)               |
| United<br>States        | 211,462,522 79,981,739        |   | 37.82%  | Illinois (39.96%) United States (37.82%) |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract

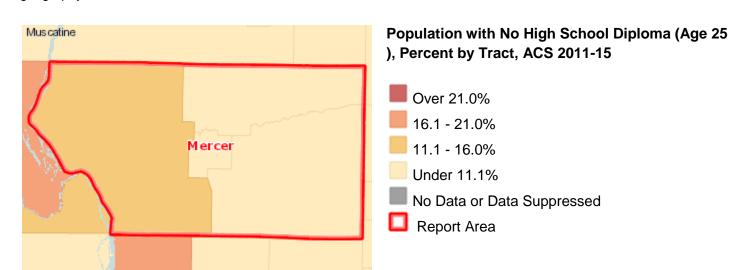


## Population with No High School Diploma

geography: Tract

Within the report area there are 944 persons aged 25 and older without a high school diploma (or equivalency) or higher. This represents 8.3% of the total population aged 25 and older. This indicator is relevant because educational attainment is linked to positive health outcomes (<u>Freudenberg Ruglis</u>, 2007).

|                      |  |                        |                     | Percent Population Age 25 with             |
|----------------------|--|------------------------|---------------------|--|
| Report<br>Area       | Total Population Age 25 with No High School Diploma  Percent Population Age 25 with No High School Diploma |                        | Age 25 with No High | No High School Diploma                     |
| Mercer<br>County, IL | 11,377   | 944                    | 8.3%                | 0 50%                                      |
| Illinois             | 8,600,178  | 1,038,317              | 12.07%              |  |
| United<br>States     | 211,462,522  | 28,229,094             | 13.35%              | Mercer County, IL (8.3%) Illinois (12.07%) |
| Data Source          | : US Census Burea  | United States (13.35%) |                     |  |



## Population with No High School Diploma by Gender

| Report Area       | Total Male | Total Female | F    | Per    | rcent Male | Percent Female |        |        |
|-------------------|------------|--------------|------|--------|------------|----------------|--------|--------|
| Mercer County, IL | 490        | 454          | 8    | 3.7    | 8%         | 7.83%          |        |        |
| Illinois          | 524,579    | 513,738      | •    | 12.    | 68%        | 11.51%         |        |        |
| United States     | 14,322,194 | 13,906,900   | •    | 14.04% |            | 12.71%         |        |        |
| United States     | 11.35%     | 16.25%       | 20.9 | %      | 14.02%     | 13.9%          | 40.67% | 13.96% |

#### Population with No High School Diploma by Race Alone, Total

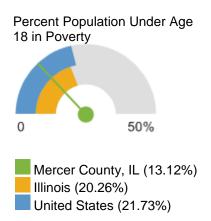
| Report<br>Area       | White      | Black     | Asian     | Native American<br>/ Alaska Native | Native Hawaiian / Pacific Islander | Some Other Race | Multiple<br>Races |
|----------------------|------------|-----------|-----------|------------------------------------|------------------------------------|-----------------|-------------------|
| Mercer<br>County, IL | 923        | 0         | 0         | 0                                  | 0                                  | 18              | 3                 |
| Illinois             | 624,733    | 175,499   | 42,708    | 4,082                              | 287                                | 177,744         | 13,264            |
| United<br>States     | 18,321,493 | 4,011,131 | 1,573,206 | 323,223                            | 45,490                             | 3,417,017       | 537,534           |

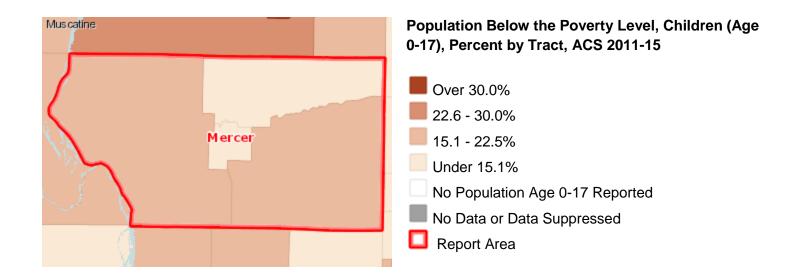
## Poverty - Children Below 100% FPL

In the report area 13.12% or 466 children aged 0-17 are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

| Report<br>Area   | Total<br>Population | Population<br>Under Age<br>18 | Population<br>Under Age 18<br>in Poverty | Percent Population<br>Under Age 18 in<br>Poverty |  |  |
|--|---------------------|-------------------------------|--|--|--|--|
| Mercer<br>County, IL   | 15,862              | 3,553 466                     |  | 13.12%   |  |  |
| Illinois   | 12,571,110          | 2,980,437                     | 603,899                                  | 20.26%   |  |  |
| United<br>States   | 308,619,550         | 72,540,829                    | 15,760,766                               | 21.73%   |  |  |
| Data Caurage IIC Canava Burgay, American Cammunity Currey, 2044 4F, Caurag |                     |                               |  |  |  |  |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract





## Poverty - Children Below 200% FPL

In the report area 35.38% or 1,257 children are living in households with income below 200% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

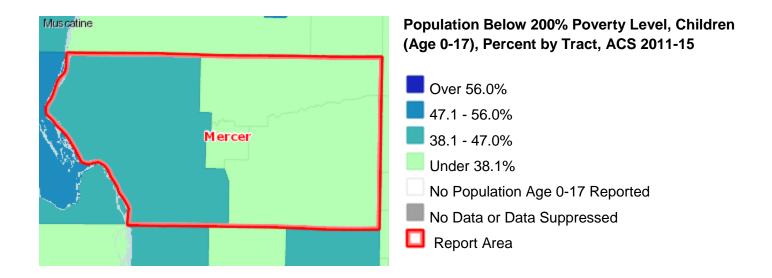
| Report<br>Area       | Total<br>Population<br>Under Age<br>18 | Population Under Age<br>18 at or Below 200%<br>FPL | Percent Population<br>Under Age 18 at or<br>Below 200% FPL |  |
|----------------------|--|--|--|--|
| Mercer<br>County, IL | 3,553                                  | 1,257  | 35.38%   |  |
| Illinois             | 2,980,437                              | 1,220,538  | 40.95%   |  |
| United<br>States     | 72,540,829                             | 31,888,028   | 43.96%   |  |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract

Percent Population Under Age 18 at or Below 200% FPL

100%

Mercer County, IL (35.38%)
Illinois (40.95%)
United States (43.96%)



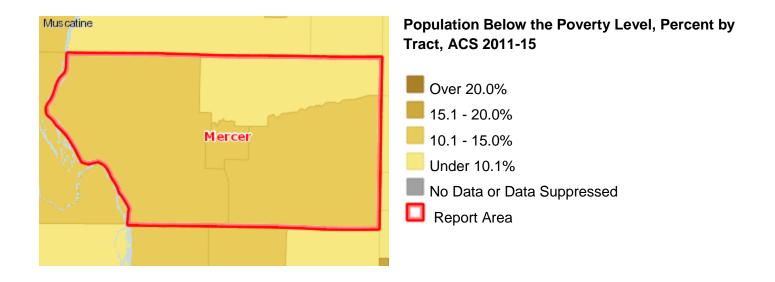
## Poverty - Population Below 100% FPL

Poverty is considered a key driver of health status.

Within the report area 9.44% or 1,498 individuals are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

|                                    |  |                       |                               | Percent Population in |
|------------------------------------|--|-----------------------|-------------------------------|-----------------------|
| Report Area                        | Total<br>Population  | Population in Poverty | Percent Population in Poverty | Poverty               |
| Mercer County, IL                  | 15,862   | 1,498                 | 9.44%                         |                       |
| Illinois                           | 12,571,110   | 1,801,118             | 14.33%                        | 0 25%                 |
| United States                      | 308,619,550  | 47,749,043            | 15.47%                        | Managa Causata II     |
| Data Source: US 0 geography: Tract | Mercer County, IL (9.44%) Illinois (14.33%) United States (15.47%) |                       |                               |                       |

Danasat Danidatian in



#### **Population in Poverty by Gender**

| Report Area       | Total Male | Total Female | Percent Male | Percent Female |
|-------------------|------------|--------------|--------------|----------------|
| Mercer County, IL | 616        | 882          | 7.81%        | 11.06%         |
| Illinois          | 803,051    | 998,067      | 13.07%       | 15.53%         |
| United States     | 21,410,511 | 26,338,532   | 14.18%       | 16.71%         |

## Poverty - Population Below 200% FPL

In the report area 26.54% or 4,210 individuals are living in households with income below 200% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

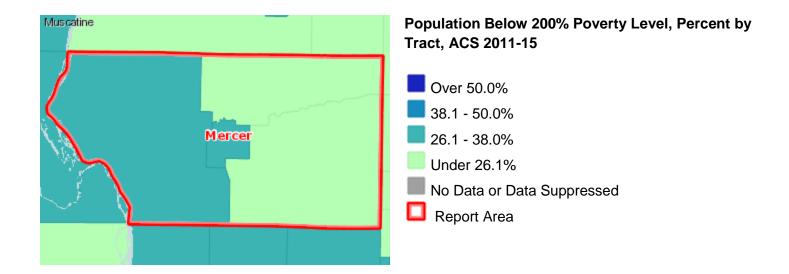
| Report<br>Area       | Total<br>Population | Population with<br>Income at or Below<br>200% FPL | Percent Population with<br>Income at or Below<br>200% FPL |  |
|----------------------|---------------------|---|---|--|
| Mercer<br>County, IL | 15,862              | 4,210   | 26.54%  |  |
| Illinois             | 12,571,110          | 3,970,713   | 31.59%  |  |
| United<br>States     | 308,619,550         | 105,726,604                                       | 34.26%  |  |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract

or Below 200% FPL

Percent Population with Income at





## **Teen Births**

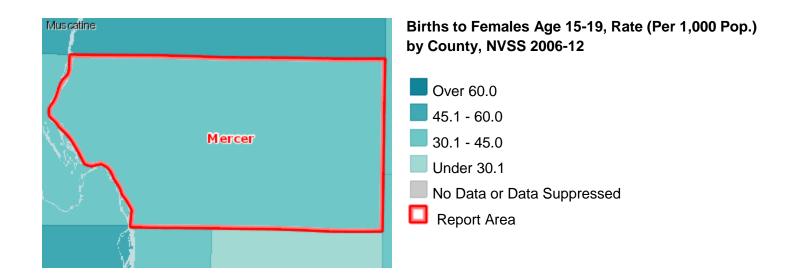
This indicator reports the rate of total births to women age of 15 - 19 per 1,000 female population age 15 - 19. This indicator is relevant because in many cases, teen parents have unique social, economic, and health support services. Additionally, high rates of teen pregnancy may indicate the prevalence of unsafe sex practices.

| Report Area          | Female<br>Population<br>Age 15 - 19 | Births to Mothers<br>Age 15 - 19 | Teen Birth Rate (Per 1,000 Population) |
|----------------------|-------------------------------------|----------------------------------|--|
| Mercer<br>County, IL | 489                                 | 16                               | 33.2                                   |
| Illinois             | 448,356                             | 15,692                           | 35                                     |
| United States        | 10,736,677                          | 392,962                          | 36.6                                   |

Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2006-12. Source geography: County

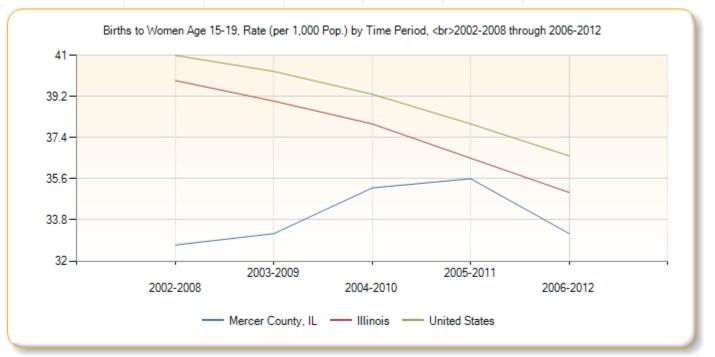
Teen Birth Rate (Per 1,000 Population)

Mercer County, IL (33.2)
Illinois (35)
United States (36.6)



## Births to Women Age 15-19, Rate (per 1,000 Pop.) by Time Period, 2002-2008 through 2006-2012

| Report Area       | 2002-2008 | 2003-2009 | 2004-2010 | 2005-2011 | 2006-2012 |
|-------------------|-----------|-----------|-----------|-----------|-----------|
| Mercer County, IL | 32.7      | 33.2      | 35.2      | 35.6      | 33.2      |
| Illinois          | 39.9      | 39        | 38        | 36.5      | 35        |
| United States     | 41        | 40.3      | 39.3      | 38        | 36.6      |



#### **Physical Environment**

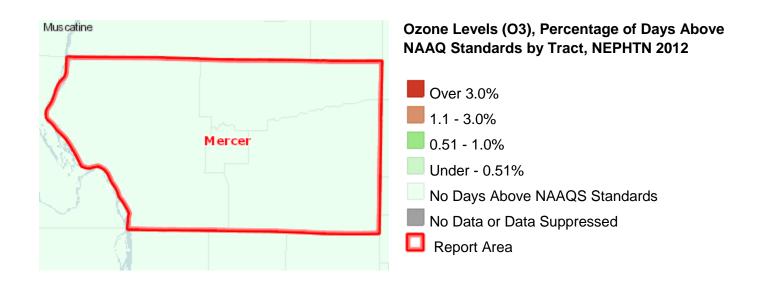
A community's health also is affected by the physical environment. A safe, clean environment that provides access to healthy food and recreational opportunities is important to maintaining and improving community health.

#### Air Quality - Ozone

Within the report area, 0, or 0% of days exceeded the emission standard of 75 parts per billion (ppb). This indicator reports the percentage of days per year with Ozone (O3) levels above the National Ambient Air Quality Standard of 75 parts per billion (ppb). Figures are calculated using data collected by monitoring stations and modeled to include census tracts where no monitoring stations exist. This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health.

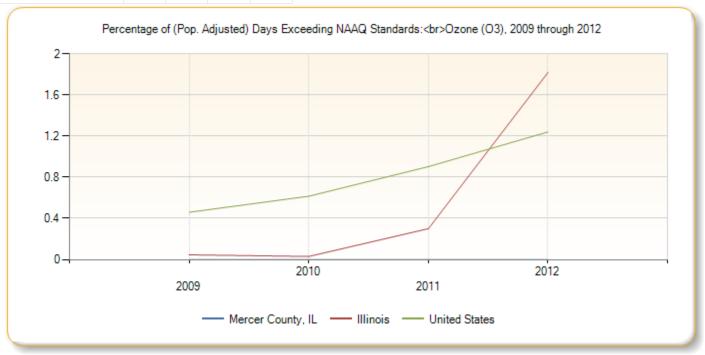
|  |                         |                     |  |  |  |   | Percentage of Days                                |
|--|-------------------------|---------------------|--|--|--|---|---|
|  | Report<br>Area          | Total<br>Population | Average Daily<br>Ambient<br>Ozone<br>Concentration | Number of<br>Days<br>Exceeding<br>Emissions<br>Standards | Percentage<br>of Days<br>Exceeding<br>Standards,<br>Crude<br>Average | Percentage<br>of Days<br>Exceeding<br>Standards,<br>Pop.<br>Adjusted<br>Average | Exceeding Standards, Pop. Adjusted Average  0 10% |
|  | Mercer<br>County,<br>IL | 16,434              | 38.30  | 0  | 0%   | 0%  | Mercer County, IL (0%) Illinois (1.82%)           |
|  | Illinois                | 12,830,632          | 37.89  | 6.81   | 1.87%  | 1.82%   | United States (1.24%)                             |
|  | United<br>States        | 312,471,327         | 38.95  | 4.46   | 1.22%  | 1.24%   |   |

Data Source: Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network. 2012. Source geography: Tract



## Percentage of (Pop. Adjusted) Days Exceeding NAAQ Standards: Ozone (O3), 2009 through 2012

| Report Area       | 2009 | 2010 | 2011 | 2012 |
|-------------------|------|------|------|------|
| Mercer County, IL | 0    | 0    | 0    | 0    |
| Illinois          | 0.05 | 0.03 | 0.30 | 1.82 |
| United States     | 0.46 | 0.62 | 0.90 | 1.24 |



## **Air Quality - Particulate Matter 2.5**

This indicator reports the percentage of days with particulate matter 2.5 levels above the National Ambient Air Quality Standard (35 micrograms per cubic meter) per year, calculated using data collected by monitoring stations and modeled to include counties where no monitoring stations occur. This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health.

| Report<br>Area   | Total<br>Population | Average Daily Ambient Particulate Matter 2.5 | Number of<br>Days<br>Exceeding<br>Emissions<br>Standards | Percentage of<br>Days<br>Exceeding<br>Standards,<br>Crude<br>Average | Percentage of<br>Days<br>Exceeding<br>Standards,<br>Pop. Adjusted<br>Average |
|------------------|---------------------|--|--|--|--|
| Mercer<br>County | 16,434              | 10.34  | 0  | 0  | 0%   |
| Illinois         | 12,830,632          | 11.19  | 1.50   | 0.41   | 0.40%  |

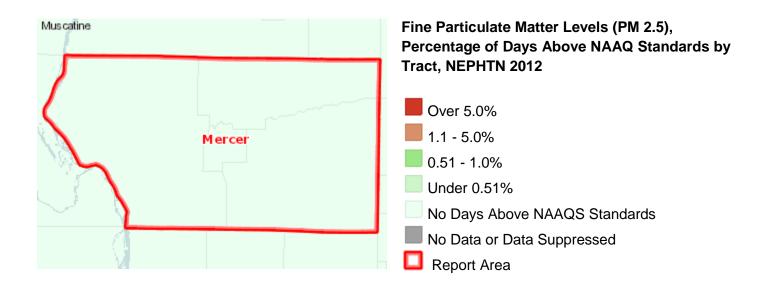
Percentage of Days
Exceeding Standards, Pop.
Adjusted Average

10%

Mercer County, IL (0%)
Illinois (0.40%)
United States (0.10%)
Page 46 of 108

| United States 312,471,327 9.10 0.35 0.10 0.109 | 6 |
|--|---|
|--|---|

Data Source: Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network. 2012. Source geography: Tract



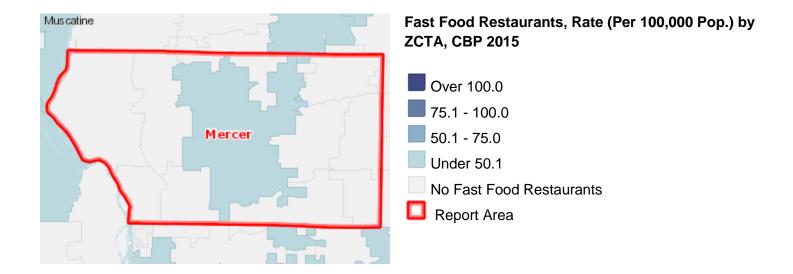
# Percentage of (Pop. Adjusted) Days Exceeding NAAQ Standards: Particulate Matter (PM2.5), 2009 through 2012

| Report Area       | 2009 | 2010 | 2011 | 2012 |
|-------------------|------|------|------|------|
| Mercer County, IL | 0.40 | 0.40 | 0    | 0    |
| Illinois          | 0.29 | 0.82 | 0.11 | 0.40 |
| United States     | 0.24 | 0.18 | 0.19 | 0.10 |

#### Food Access - Fast Food Restaurants

This indicator reports the number of fast food restaurants per 100,000 population. Fast food restaurants are defined as limited-service establishments primarily engaged in providing food services (except snack and nonalcoholic beverage bars) where patrons generally order or select items and pay before eating. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors.

|                            |   |                          |   | Fast Food Restaurant         | ts,  |
|----------------------------|---|--------------------------|---|------------------------------|------|
| Report Area                | Total<br>Population   | Number of Establishments | Establishments, Rate per 100,000 Population | Rate<br>(Per 100,000 Populat | ion) |
| Mercer<br>County, IL       | 16,434  | 5                        | 30.42                                       |                              |      |
| Illinois                   | 12,830,632  | 9,965                    | 77.67                                       | 0 10                         | 00   |
| United<br>States           | 312,846,570   | 233,392                  | 74.6  |                              |      |
| Data Source: UCARES. 2015. | Mercer County, IL (30.42) Illinois (77.67) United States (74. |                          |   |                              |      |



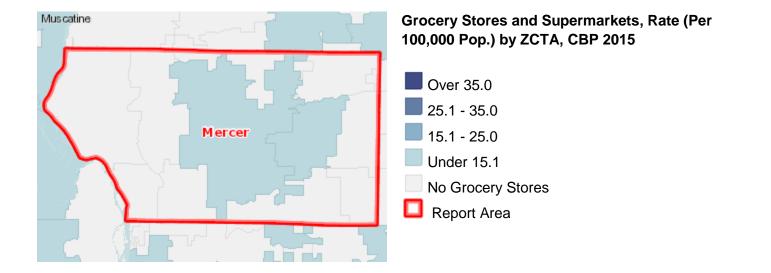
## Fast Food Restaurants, Rate per 100,000 Population by Year, 2010 through 2015

| Report Area       | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  |
|-------------------|-------|-------|-------|-------|-------|-------|
| Mercer County, IL | 30.42 | 36.51 | 30.42 | 36.51 | 30.42 | 30.42 |
| Illinois          | 70.68 | 71.53 | 74.75 | 75.57 | 75.16 | 77.67 |
| United States     | 69.14 | 70.04 | 72.84 | 73.68 | 74.07 | 75.59 |

#### **Food Access - Grocery Stores**

This indicator reports the number of grocery stores per 100,000 population. Grocery stores are defined as supermarkets and smaller grocery stores primarily engaged in retailing a general line of food, such as canned and frozen foods; fresh fruits and vegetables; and fresh and prepared meats, fish, and poultry. Included are delicatessen-type establishments. Convenience stores and large general merchandise stores that also retail food, such as supercenters and warehouse club stores are excluded. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors.

| Report Area                    | Total<br>Population                           | Number of Establishments | Establishments, Rate per 100,000 Population | Grocery Stores, Rate<br>(Per 100,000 Population) |
|--------------------------------|---|--------------------------|---|--|
| Mercer<br>County, IL           | 16,434  | 2                        | 12.17                                       |  |
| Illinois                       | 12,830,632                                    | 2,797                    | 21.8  | 0 50   |
| United<br>States               | 312,846,570                                   | 66,284                   | 21.19                                       | Mercer County, IL                                |
| Data Source: U<br>CARES. 2015. | (12.17) Illinois (21.8) United States (21.19) |                          |   |  |



## Grocery Stores and Supermarkets, Rate per 100,000 Population by Year, 2010 through 2015

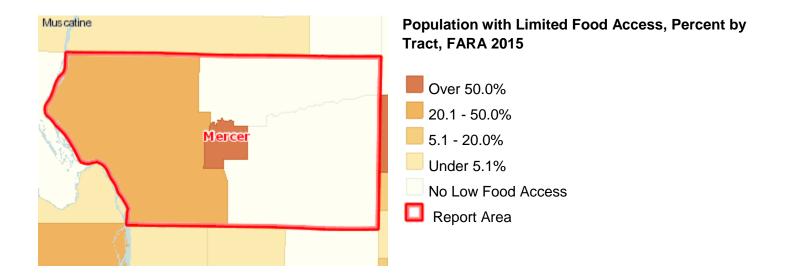
| Report Area       | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  |
|-------------------|-------|-------|-------|-------|-------|-------|
| Mercer County, IL | 18.25 | 18.25 | 12.17 | 12.17 | 12.17 | 12.17 |
| Illinois          | 21.99 | 22.06 | 22.5  | 22.21 | 21.81 | 21.8  |
| United States     | 20.85 | 20.85 | 21.39 | 21.47 | 21.37 | 21.47 |

#### **Food Access - Low Food Access**

This indicator reports the percentage of the population living in census tracts designated as food deserts. A food desert is defined as a low-income census tract (where a substantial number or share of residents has low access to a supermarket or large grocery store. This indicator is relevant because it highlights populations and geographies facing food insecurity.

|                      |                     |                                 |   | Percent Population with Low |
|----------------------|---------------------|---------------------------------|---|-----------------------------|
| Report Area          | Total<br>Population | Population with Low Food Access | Percent Population with Low Food Access | Food Access                 |
| Mercer<br>County, IL | 16,434              | 3,696                           | 22.49%                                  |                             |
| Illinois             | 12,830,632          | 2,483,877                       | 19.36%                                  | 0 30%                       |
| United<br>States     | 308,745,538         | 69,266,771                      | 22.43%                                  | Mercer County, IL (22.49%)  |
| Data Source: L       | IS Department of    | Agriculture Economic Re         | search Service LISDA -                  | Illinois (19.36%)           |

Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas. 2015. Source geography: Tract

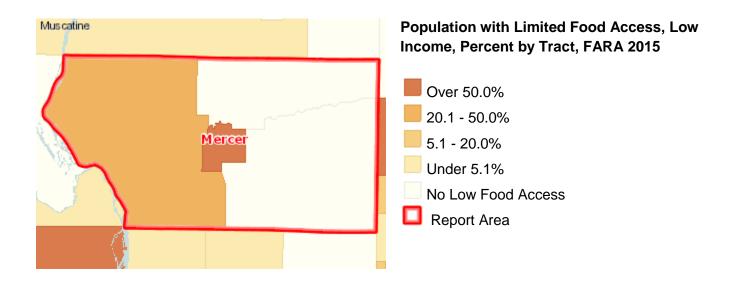


United States (22.43%)

## Food Access - Low Income Low Food Access

|                         |                     |                          |   |   | Percent Low Income                                |
|-------------------------|---------------------|--------------------------|---|---|---|
| Report<br>Area          | Total<br>Population | Low Income<br>Population | Low Income<br>Population with<br>Low Food<br>Access | Percent Low<br>Income<br>Population with<br>Low Food Access | Population with Low Food Access                   |
| Mercer<br>County,<br>IL | 16,434              | 5,150                    | 1,404   | 27.26%  | 0 50%   |
| Illinois                | 12,830,632          | 4,120,709                | 605,035   | 14.68%  | Mercer County, IL                                 |
| United<br>States        | 308,745,538         | 106,758,543              | 20,221,368  | 18.94%  | (27.26%) Illinois (14.68%) United States (18.94%) |
| Data Source             | o: LIS Dopartmo     | ot of Agricultura        | Economic Possarch                                   | Sonvice LISDA Food  | - Office States (10.3470)                         |

Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas. 2015. Source geography: Tract

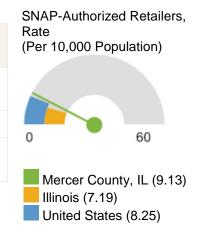


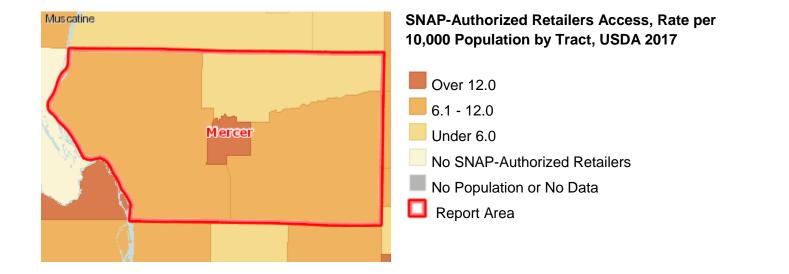
#### Food Access - SNAP-Authorized Food Stores

This indicator reports the number of SNAP-authorized food stores as a rate per 10,000 population. SNAP-authorized stores include grocery stores as well as supercenters, specialty food stores, and convenience stores that are authorized to accept SNAP (Supplemental Nutrition Assistance Program) benefits.

| Report Area          | Total<br>Population | Total SNAP-<br>Authorized Retailers | SNAP-Authorized Retailers,<br>Rate per 10,000 Population |
|----------------------|---------------------|-------------------------------------|--|
| Mercer<br>County, IL | 16,434              | 15                                  | 9.13   |
| Illinois             | 12,830,632          | 9,223                               | 7.19   |
| United<br>States     | 312,411,142         | 257,596                             | 8.25   |

Data Source: US Department of Agriculture, Food and Nutrition Service, USDA - SNAP Retailer Locator. Additional data analysis by CARES. 2017. Source geography: Tract



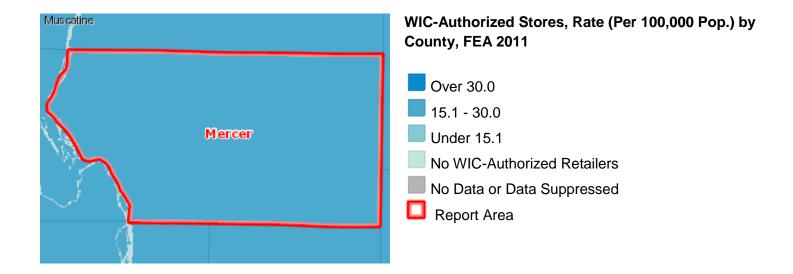


#### Food Access - WIC-Authorized Food Stores

This indicator reports the number of food stores and other retail establishments per 100,000 population that are authorized to accept WIC Program (Special Supplemental Nutrition Program for Women, Infants, and Children) benefits and that carry designated WIC foods and food categories. This indicator is relevant because it provides a measure of food security and healthy food access for women and children in poverty as well as environmental influences on dietary behaviors.

| Authorized Food<br>Stores | WIC-Authorized Food Store<br>Rate (Per 100,000 Pop.) | (Per 100,000 Population)                                      |
|---------------------------|--|---|
| 3                         | 18.3   | 0 25  |
| 2,390                     | 18.4   | _   |
| 50,042                    | 15.6   | Mercer County, IL (18.3) Illinois (18.4) United States (15.6) |
| 5                         | Stores<br>3<br>2,390<br>50,042                       | Rate (Per 100,000 Pop.)  18.3 2,390 18.4                      |

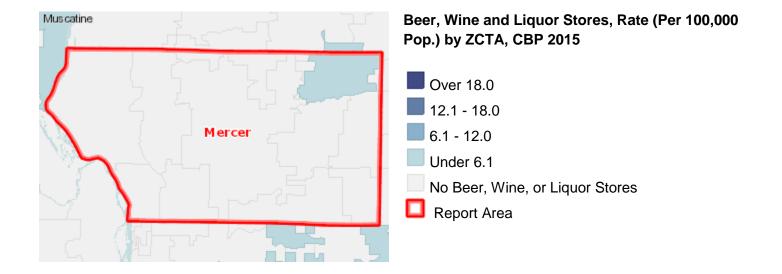
Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Environment Atlas. 2011. Source geography: County



## **Liquor Store Access**

This indicator reports the number of beer, wine, and liquor stores per 100,000 population, as defined by North American Industry Classification System (NAICS) Code 445310. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors.

|                                |                                      |                             |   | Liquor Stores, R  | ate       |  |
|--------------------------------|--------------------------------------|-----------------------------|---|-------------------|-----------|--|
| Report Area                    | Total<br>Population                  | Number of<br>Establishments | Establishments, Rate per 100,000 Population | (Per 100,000 Po   | pulation) |  |
| Mercer<br>County, IL           | 16,434                               | 1                           | 6.08  |                   |           |  |
| Illinois                       | 12,830,632                           | 1,326                       | 10.33                                       | 0                 | 50        |  |
| United<br>States               | 312,846,570                          | 33,692                      | 10.77                                       | Mercer County, IL |           |  |
| Data Source: U<br>CARES. 2015. | (6.08) Illinois (10.33 United States | ,                           |   |                   |           |  |



## Beer, Wine and Liquor Stores, Rate per 100,000 Population by Year, 2010 through 2015

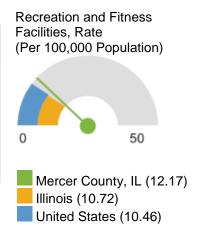
| Report Area       | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  |
|-------------------|-------|-------|-------|-------|-------|-------|
| Mercer County, IL | 0     | 0     | 6.08  | 6.08  | 6.08  | 6.08  |
| Illinois          | 10.11 | 10.31 | 10.33 | 10.44 | 10.2  | 10.33 |
| United States     | 10.2  | 10.32 | 10.47 | 10.61 | 10.75 | 10.91 |

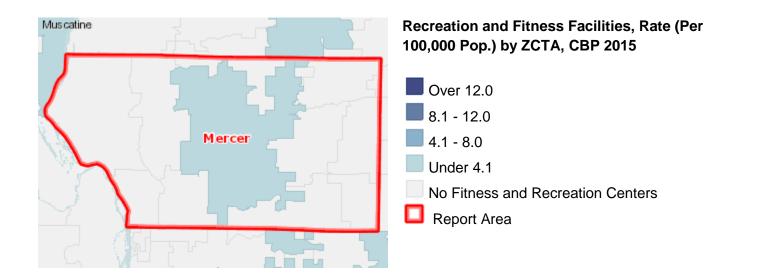
#### **Recreation and Fitness Facility Access**

This indicator reports the number per 100,000 population of recreation and fitness facilities as defined by North American Industry Classification System (NAICS) Code 713940. This indicator is relevant because access to recreation and fitness facilities encourages physical activity and other healthy behaviors.

| Report<br>Area       | Total<br>Population | Number of<br>Establishments | Establishments, Rate per 100,000 Population |
|----------------------|---------------------|-----------------------------|---|
| Mercer<br>County, IL | 16,434              | 2                           | 12.17                                       |
| Illinois             | 12,830,632          | 1,376                       | 10.72                                       |
| United<br>States     | 312,846,570         | 32,712                      | 10.46                                       |

Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2015. Source geography: County





#### Recreation and Fitness Facilities, Rate per 100,000 Population by Year, 2010 through 2015

| Report Area       | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  |
|-------------------|-------|-------|-------|-------|-------|-------|
| Mercer County, IL | 18.25 | 18.25 | 12.17 | 12.17 | 12.17 | 12.17 |
| Illinois          | 9.67  | 9.8   | 10.05 | 10.23 | 10.33 | 10.72 |
| United States     | 9.68  | 9.56  | 9.56  | 9.84  | 10.27 | 10.6  |

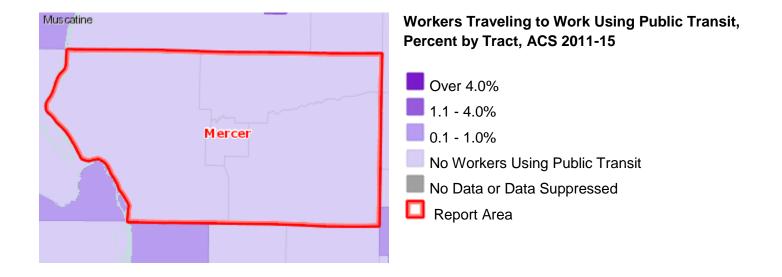
#### **Use of Public Transportation**

This indicator reports the percentage of population using public transportation as their primary means of commute to work. Public transportation includes buses or trolley buses, streetcars or trolley cars, subway or elevated rails, and ferryboats.

| Report<br>Area          | Total Population<br>Employed Age<br>16 | Population Using<br>Public Transit for<br>Commute to Work | Percent Population Using Public Transit for Commute to Work | Percent Population Using Public Transit for Commute to Work |
|-------------------------|--|---|---|---|
| Mercer<br>County,<br>IL | 7,524                                  | 0   | 0%  | 0 10%   |
| Illinois                | 5,983,836                              | 544,295   | 9.1%  | Mercer County, IL (0%)                                      |
| United<br>States        | 143,621,171                            | 7,362,038   | 5.13%   | Illinois (9.1%) United States (5.13%)                       |

Data Source: US Census Bureau, American Community Survey. 2011-15. Source

geography: Tract



#### **Clinical Care**

A lack of access to care presents barriers to good health. The supply and accessibility of facilities and physicians, the rate of uninsurance, financial hardship, transportation barriers, cultural competency, and coverage limitations affect access.

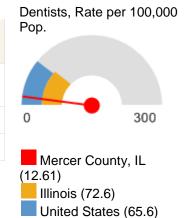
Rates of morbidity, mortality, and emergency hospitalizations can be reduced if community residents access services such as health screenings, routine tests, and vaccinations. Prevention indicators can call attention to a lack of access or knowledge regarding one or more health issues and can inform program interventions.

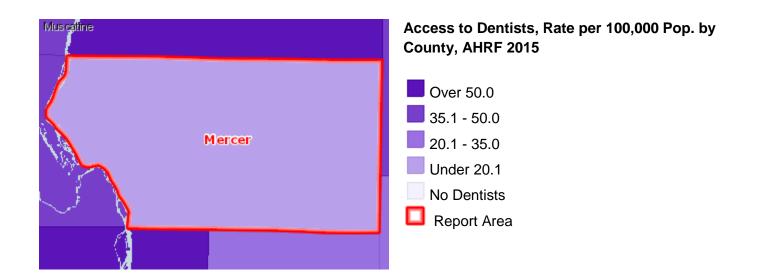
#### **Access to Dentists**

This indicator reports the number of dentists per 100,000 population. This indicator includes all dentists - qualified as having a doctorate in dental surgery (D.D.S.) or dental medicine (D.M.D.), who are licensed by the state to practice dentistry and who are practicing within the scope of that license.

| Report Area       | Total Population, 2015 | Dentists,<br>2015 | Dentists, Rate per 100,000 Pop. |
|-------------------|------------------------|-------------------|---------------------------------|
| Mercer County, IL | 15,858                 | 2                 | 12.61                           |
| Illinois          | 12,859,995             | 9,336             | 72.6                            |
| United States     | 321,418,820            | 210,832           | 65.6                            |

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Area Health Resource File. 2015. Source geography: County





#### Access to Dentists, Rate (Per 100,000 Pop.) by Year, 2010 through 2015

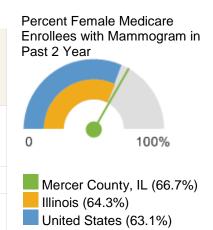
This indicator reports the rate of dentists per 100,000 population by year.

| Report Area       | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|-------------------|------|------|------|------|------|------|
| Mercer County, IL | 12.2 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 |
| Illinois          | 62.9 | 64.7 | 66.8 | 68.8 | 70.8 | 72.6 |
| United States     | 58.9 | 60.3 | 61.7 | 63.2 | 64.7 | 65.6 |

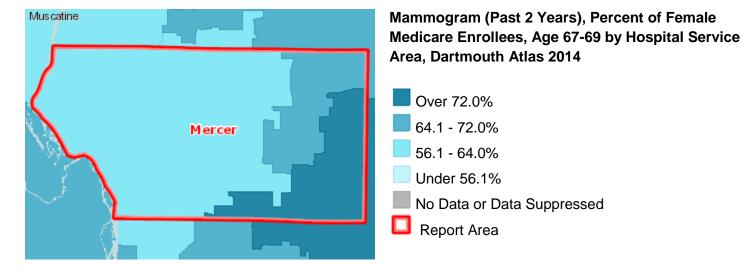
#### **Cancer Screening - Mammogram**

This indicator reports the percentage of female Medicare enrollees, age 67-69, who have received one or more mammograms in the past two years. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

| Report<br>Area          | Total<br>Medicare<br>Enrollees | Female<br>Medicare<br>Enrollees<br>Age 67-69 | Female Medicare<br>Enrollees with<br>Mammogram in<br>Past 2 Years | Percent Female<br>Medicare Enrollees<br>with Mammogram<br>in Past 2 Year |
|-------------------------|--------------------------------|--|---|--|
| Mercer<br>County,<br>IL | 2,589                          | 195  | 130   | 66.7%  |
| Illinois                | 1,229,443                      | 105,872                                      | 68,057  | 64.3%  |
| United<br>States        | 26,753,396                     | 2,395,946                                    | 1,510,847   | 63.1%  |



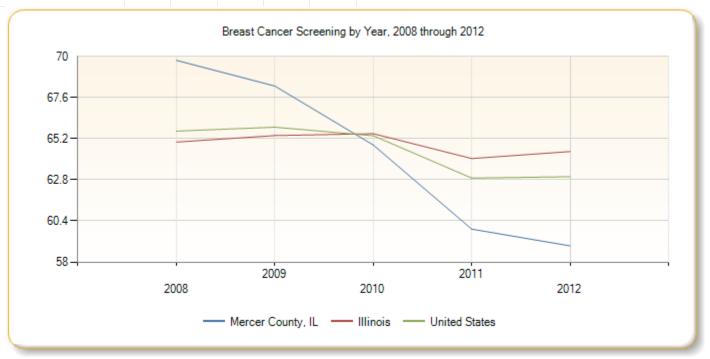
Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care. 2014. Source geography: County



#### Breast Cancer Screening by Year, 2008 through 2012

Percent of Female Medicare Beneficiaries Age 67-69 with Mammogram trend

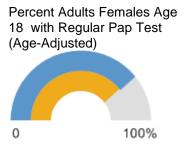
| Report Area       | 2008  | 2009  | 2010  | 2011  | 2012  |
|-------------------|-------|-------|-------|-------|-------|
| Mercer County, IL | 69.77 | 68.27 | 64.83 | 59.92 | 58.94 |
| Illinois          | 65    | 65.38 | 65.49 | 64.04 | 64.45 |
| United States     | 65.64 | 65.87 | 65.37 | 62.9  | 62.98 |



## **Cancer Screening - Pap Test**

This indicator reports the percentage of women aged 18 and older who self-report that they have had a Pap test in the past three years. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

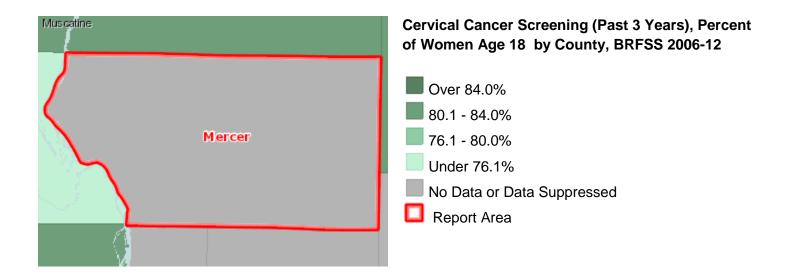
| Report<br>Area       | Female<br>Population Age<br>18 | Estimated Number with Regular Pap Test | Crude<br>Percentage | Age-Adjusted<br>Percentage |
|----------------------|--------------------------------|--|---------------------|----------------------------|
| Mercer<br>County, IL | 12,531                         | no data                                | suppressed          | suppressed                 |
| Illinois             | 7,174,065                      | 5,538,378                              | 77.2%               | 78.3%                      |



Page 59 of 108

| United<br>States | 176,847,182           | 137,191,142 | 77.6% | 78.5% | Illinois (78.3%) United States (78.5%) |
|------------------|-----------------------|-------------|-------|-------|--|
| Data Source      | United States (76.5%) |             |       |       |  |

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County



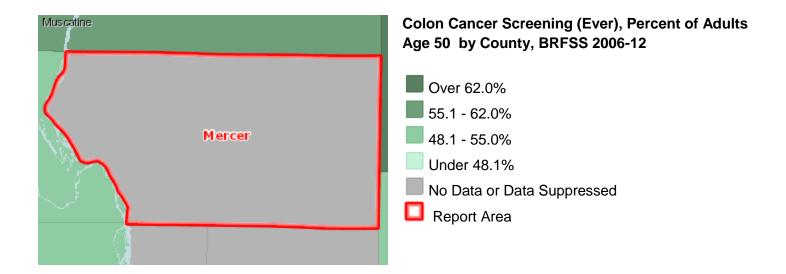
#### **Cancer Screening - Sigmoidoscopy or Colonoscopy**

This indicator reports the percentage of adults 50 and older who self-report that they have ever had a sigmoidoscopy or colonoscopy. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

|                      |                               |   |                     |                            | Percent Adults Screened                |
|----------------------|-------------------------------|---|---------------------|----------------------------|--|
| Report<br>Area       | Total<br>Population<br>Age 50 | Estimated Population<br>Ever Screened for<br>Colon Cancer | Crude<br>Percentage | Age-Adjusted<br>Percentage | for Colon Cancer<br>(Age-Adjusted)     |
| Mercer<br>County, IL | 5,272                         | no data   | suppressed          | suppressed                 |  |
| Illinois             | 3,027,371                     | 1,843,669   | 60.9%               | 57.7%                      | 0 100%                                 |
| United<br>States     | 75,116,406                    | 48,549,269  | 64.6%               | 61.3%                      | Illinois (57.7%) United States (61.3%) |
| Data Source          | · Cantare for Diea            | Officed States (01.570)                                   |                     |                            |  |

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County

Percent Adulte Screened



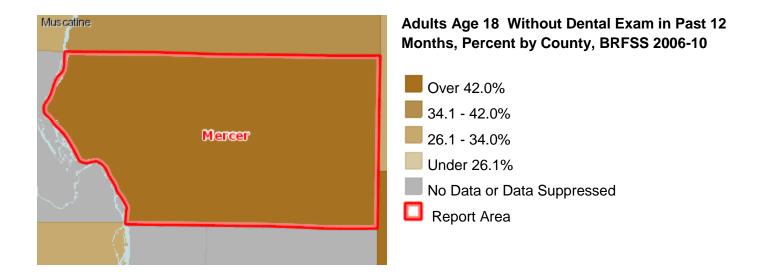
## **Dental Care Utilization**

This indicator reports the percentage of adults aged 18 and older who self-report that they have not visited a dentist, dental hygienist or dental clinic within the past year. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

|                      |                                 |  |                                       | Percent Adults Wit              |
|----------------------|---------------------------------|--|---------------------------------------|---------------------------------|
| Report Area          | Total<br>Population<br>(Age 18) | Total Adults Without<br>Recent Dental Exam | Percent Adults with<br>No Dental Exam | Dental Exam                     |
| Mercer<br>County, IL | 12,754                          | 7,123                                      | 55.8%                                 | 0                               |
| Illinois             | 9,654,603                       | 2,981,670                                  | 30.9%                                 |                                 |
| United<br>States     | 235,375,690                     | 70,965,788                                 | 30.2%                                 | Mercer County, Illinois (30.9%) |

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2006-10. Source geography: County

Percent Adults Without Recent y, IL (55.8%) United States (30.2%)

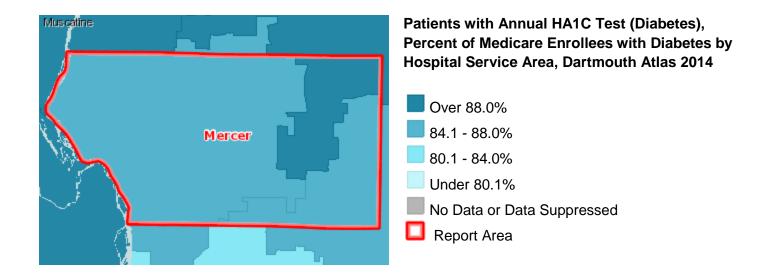


### <u> Diabetes Management - Hemoglobin A1c Test</u>

This indicator reports the percentage of diabetic Medicare patients who have had a hemoglobin A1c (hA1c) test, a blood test which measures blood sugar levels, administered by a health care professional in the past year. In the report area, 278 Medicare enrollees with diabetes have had an annual exam out of 324 Medicare enrollees in the report area with diabetes, or 86.1%. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

| Report<br>Area          | Total<br>Medicare<br>Enrollees | Medicare<br>Enrollees<br>with Diabetes | Medicare<br>Enrollees with<br>Diabetes with<br>Annual Exam | Percent Medicare<br>Enrollees with<br>Diabetes with<br>Annual Exam | Percent Medicare Enrollees with Diabetes with Annual Exam |
|-------------------------|--------------------------------|--|--|--|---|
| Mercer<br>County,<br>IL | 2,589                          | 324                                    | 278  | 86.1%  | 0 100%  |
| Illinois                | 1,229,443                      | 149,658                                | 128,554  | 85.9%  | Mercer County, IL (86.1%)                                 |
| United<br>States        | 26,753,396                     | 3,314,834                              | 2,822,996  | 85.2%  | Illinois (85.9%) United States (85.2%)                    |

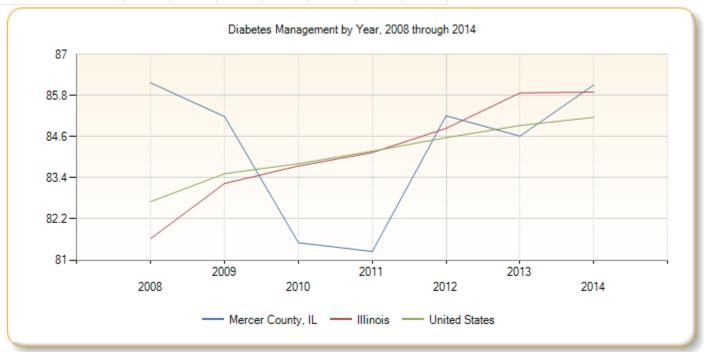
Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care. 2014. Source geography: County



## Diabetes Management by Year, 2008 through 2014

Percent of Medicare Beneficiaries with Diabetes with Annual Hemoglobin A1c Test

| Report A | rea        | 2008  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  |
|----------|------------|-------|-------|-------|-------|-------|-------|-------|
| Mercer C | County, IL | 86.17 | 85.19 | 81.50 | 81.25 | 85.21 | 84.62 | 86.11 |
| Illinois |            | 81.63 | 83.23 | 83.74 | 84.14 | 84.84 | 85.88 | 85.90 |
| United S | tates      | 82.71 | 83.52 | 83.81 | 84.18 | 84.57 | 84.92 | 85.16 |



## Facilities Designated as Health Professional Shortage Areas

This indicator reports the number and location of health care facilities designated as "Health Professional Shortage Areas" (HPSAs), defined as having shortages of primary medical care, dental or mental health providers. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

| Report Area          | Primary Care Facilities | Mental Health Care Facilities | Dental Health Care Facilities | Total HPSA Facility Designations |
|----------------------|-------------------------|-------------------------------|-------------------------------|----------------------------------|
| Mercer<br>County, IL | 0                       | 0                             | 0                             | 0                                |
| Illinois             | 110                     | 90                            | 82                            | 282                              |
| United States        | 3,599                   | 3,171                         | 3,071                         | 9,836                            |

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Health Resources and Services Administration. April 2016. Source geography: Address



## **Federally Qualified Health Centers**

This indicator reports the number of Federally Qualified Health Centers (FQHCs) in the community. This indicator is relevant because FQHCs are community assets that provide health care to vulnerable populations; they receive extra funding from the federal government to promote access to ambulatory care in areas designated as medically underserved.

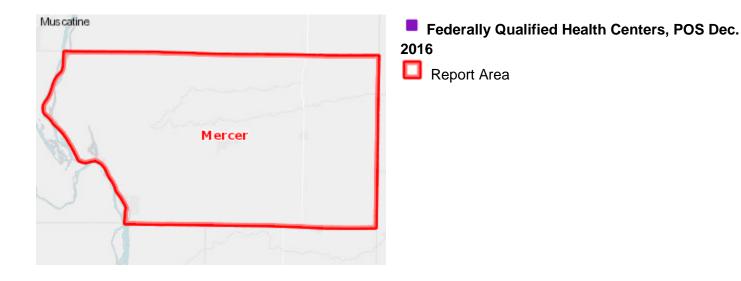
| Report Area          | Total<br>Population | Number of Federally Qualified Health Centers | Rate of Federally Qualified Health Centers per 100,000 Population |
|----------------------|---------------------|--|---|
| Mercer<br>County, IL | 16,434              | 0  | 0   |

| Illinois      | 12,830,632  | 335   | 2.61 |
|---------------|-------------|-------|------|
| United States | 312,471,327 | 7,646 | 2.45 |

Note: This indicator is compared with the state average.

Data Source: US Department of Health Human Services, Center for Medicare Medicaid Services, Provider of Services

File. Dec. 2016. Source geography: Address

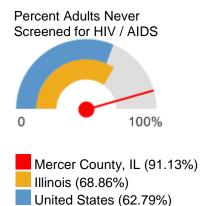


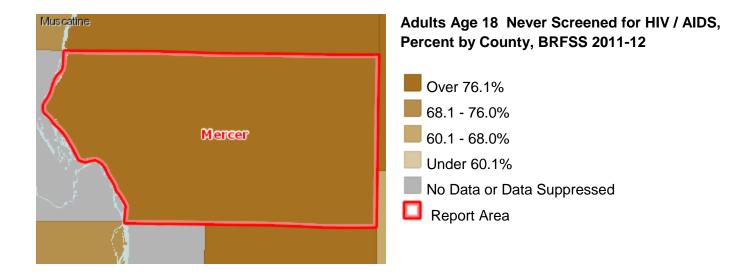
## **HIV Screenings**

This indicator reports the percentage of adults age 18-70 who self-report that they have never been screened for HIV. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

| Report<br>Area       | Survey<br>Population<br>(Adults Age<br>18) | Total Adults Never<br>Screened for HIV /<br>AIDS | Percent Adults Never<br>Screened for HIV /<br>AIDS |
|----------------------|--|--|--|
| Mercer<br>County, IL | 12,045                                     | 10,976   | 91.13%   |
| Illinois             | 9,215,764                                  | 6,345,570  | 68.86%   |
| United<br>States     | 214,984,421                                | 134,999,025                                      | 62.79%   |

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County





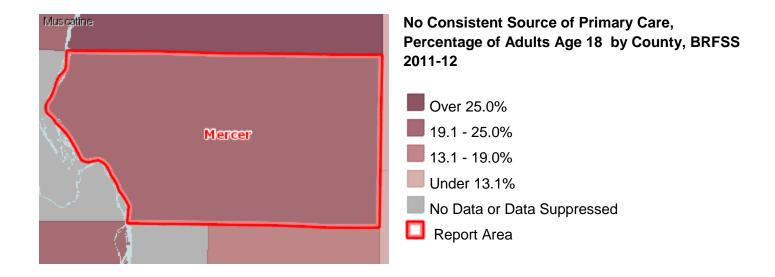
## **Lack of a Consistent Source of Primary Care**

This indicator reports the percentage of adults aged 18 and older who self-report that they do not have at least one person who they think of as their personal doctor or health care provider. This indicator is relevant because access to regular primary care is important to preventing major health issues and emergency department visits.

|                      |   |  |  | 1 Clock / Mails Williout / Mry |
|----------------------|---|--|--|--------------------------------|
| Report Area          | Survey<br>Population<br>(Adults Age 18<br>) | Total Adults Without<br>Any Regular Doctor | Percent Adults Without<br>Any Regular Doctor | Regular Doctor                 |
| Mercer<br>County, IL | 16,145                                      | 3,880                                      | 24.03%                                       | 0 40%                          |
| Illinois             | 9,702,848                                   | 1,743,367                                  | 17.97%                                       | Mercer County, IL              |
| United<br>States     | 236,884,668                                 | 52,290,932                                 | 22.07%                                       | (24.03%) Illinois (17.97%)     |
| Data Source: C       | Centers for Disease                         | e Control and Prevention, Be               | ehavioral Risk Factor                        | United States (22.07%)         |

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County

Percent Adults Without Any

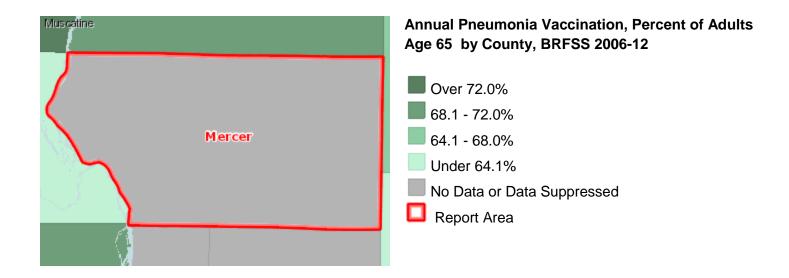


## **Pneumonia Vaccination**

This indicator reports the percentage of adults aged 65 and older who self-report that they have ever received a pneumonia vaccine. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

| Report<br>Area          | Total<br>Population<br>Age 65 | Estimated Population with Annual Pneumonia Vaccination | Crude<br>Percentage | Age-Adjusted<br>Percentage | Percent Population Age 65 with Pneumonia Vaccination (Age-Adjusted) |
|-------------------------|-------------------------------|--|---------------------|----------------------------|---|
| Mercer<br>County,<br>IL | 2,947                         | no data  | suppressed          | suppressed                 | 0 100%  |
| Illinois                | 1,592,376                     | 985,681  | 61.9%               | 61.8%                      | Illinois (61.8%)  |
| United<br>States        | 39,608,820                    | 26,680,462   | 67.4%               | 67.5%                      | United States (67.5%)   |

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County



## Population Living in a Health Professional Shortage Area

This indicator reports the percentage of the population that is living in a geographic area designated as a "Health Professional Shortage Area" (HPSA), defined as having a shortage of primary medical care, dental or mental health professionals. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

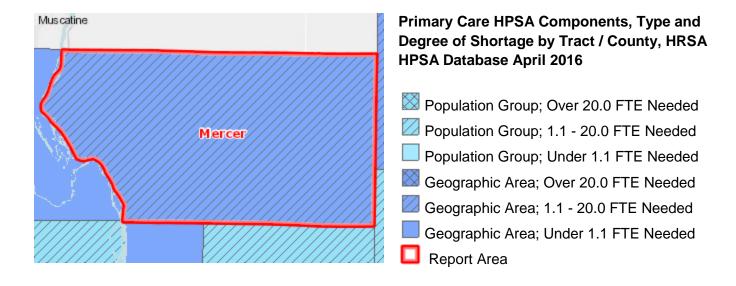
|                      |                          |                             |   | . 0.00 |
|----------------------|--------------------------|-----------------------------|---|--------|
| Report Area          | Total Area<br>Population | Population Living in a HPSA | Percentage of Population Living in a HPSA | Living |
| Mercer<br>County, IL | 16,434                   | 0                           | 0%  |        |
| Illinois             | 12,830,632               | 5,731,457                   | 44.67%                                    | 0      |
| United<br>States     | 308,745,538              | 102,289,607                 | 33.13%                                    | Me     |

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Health Resources and Services Administration. April 2016. Source geography: HPSA

Percentage of Population
Living in a HPSA

100%

Mercer County, IL (0%)
Illinois (44.67%)
United States (33.13%)

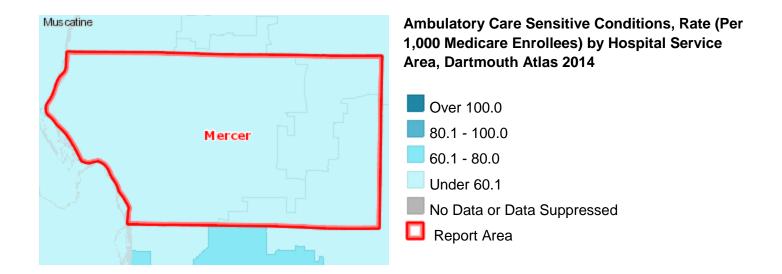


## **Preventable Hospital Events**

This indicator reports the discharge rate (per 1,000 Medicare enrollees) for conditions that are ambulatory care sensitive (ACS). ACS conditions include pneumonia, dehydration, asthma, diabetes, and other conditions which could have been prevented if adequate primary care resources were available and accessed by those patients. This indicator is relevant because analysis of ACS discharges allows demonstrating a possible "return on investment" from interventions that reduce admissions (for example, for uninsured or Medicaid patients) through better access to primary care resources.

|                      |                                    |   |  | Preventable Hospital Events,                               |
|----------------------|------------------------------------|---|--|--|
| Report<br>Area       | Total Medicare<br>Part A Enrollees | Ambulatory Care<br>Sensitive Condition<br>Hospital Discharges | Ambulatory Care<br>Sensitive Condition<br>Discharge Rate | Age-Adjusted Discharge Rate (Per 1,000 Medicare Enrollees) |
| Mercer<br>County, IL | 2,724                              | 111   | 40.8   |  |
| Illinois             | 1,330,462                          | 74,243  | 55.8   | 0 150  |
| United<br>States     | 29,649,023                         | 1,479,545   | 49.9   | Mercer County, IL (40.8)                                   |
|                      | : Dartmouth College                | Illinois (55.8) United States (49.9)                          |  |  |

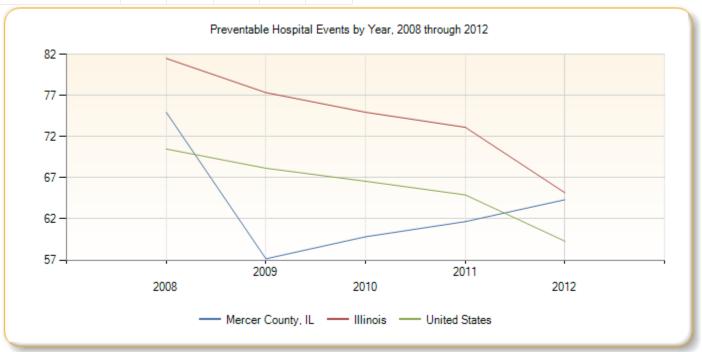
Dartmouth Atlas of Health Care. 2014. Source geography: County



## Preventable Hospital Events by Year, 2008 through 2012

Rate of Ambulatory Care Sensitive Condition Discharges (per 1,000 Medicare Part A Beneficiaries)

| Report Area       | 2008  | 2009  | 2010  | 2011  | 2012  |
|-------------------|-------|-------|-------|-------|-------|
| Mercer County, IL | 74.96 | 57.15 | 59.83 | 61.67 | 64.33 |
| Illinois          | 81.51 | 77.35 | 74.96 | 73.14 | 65.17 |
| United States     | 70.5  | 68.16 | 66.58 | 64.92 | 59.29 |



#### **Health Behaviors**

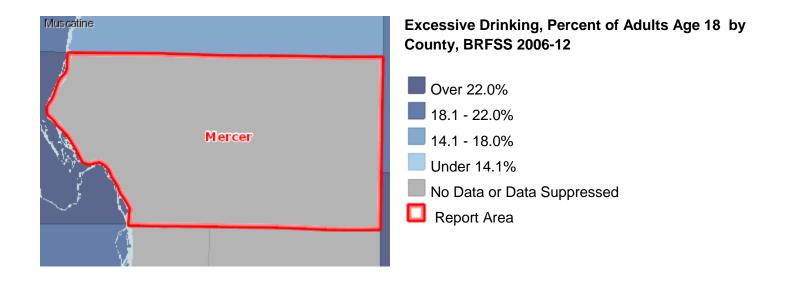
Health behaviors such as poor diet, a lack of exercise, and substance abuse contribute to poor health status.

### **Alcohol Consumption**

This indicator reports the percentage of adults aged 18 and older who self-report heavy alcohol consumption (defined as more than two drinks per day on average for men and one drink per day on average for women). This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as cirrhosis, cancers, and untreated mental and behavioral health needs.

| Report<br>Area          | Total<br>Population<br>Age 18 | Estimated Adults<br>Drinking<br>Excessively | Estimated Adults Drinking Excessively (Crude Percentage) | Estimated Adults Drinking Excessively (Age-Adjusted Percentage) | Estimated Adults Drinking Excessively (Age-Adjusted Percentage) |
|-------------------------|-------------------------------|---|--|---|---|
| Mercer<br>County,<br>IL | 12,742                        | no data                                     | suppressed   | suppressed  | 0 50%   |
| Illinois                | 9,654,603                     | 1,930,921                                   | 20%  | 20.4%   | Illinois (20.4%)  |
| United<br>States        | 232,556,016                   | 38,248,349                                  | 16.4%  | 16.9%   | United States (16.9%)   |

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County



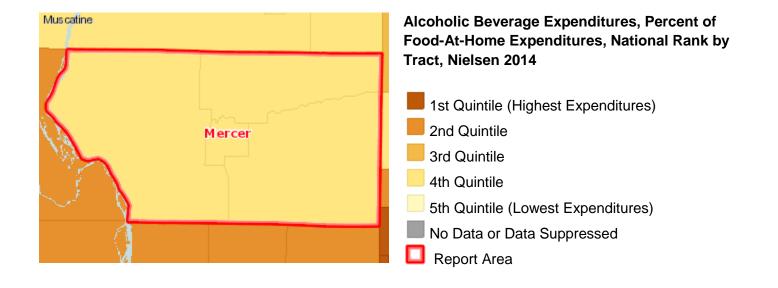
Cationatad Adulta Drinking

### **Alcohol Expenditures**

This indicator reports estimated annual expenditures for alcoholic beverages purchased at home, as a percentage of total household expenditures. This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as cirrhosis, cancers, and untreated mental and behavioral health needs. Expenditures data are suppressed for single counties and single-geography custom areas. Rank data are not available custom report areas or multicounty areas.

| Report<br>Area          | State Rank Z-Score (State) Z-Score (USD) Percentage of Food-At-Home Expenditures |            |         |            |            | Alcoholic Beverage Expenditures, Percentage of Total Food-At-Home Expenditures |  |
|-------------------------|--|------------|---------|------------|------------|--|--|
| Mercer<br>County,<br>IL | 10   | -0.92      | -0.89   | suppressed | suppressed | 0 25%  |  |
| Illinois                | no<br>data   | 0.02       | 0       | \$827.77   | 14.03%     | Illinois (14.03%) United States (14.29%)                                       |  |
| United<br>States        | no<br>data   | no<br>data | no data | \$839.54   | 14.29%     |  |  |

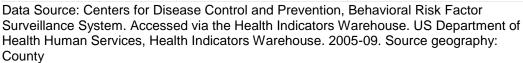
Data Source: Nielsen, Nielsen Site Reports. 2014. Source geography: Tract

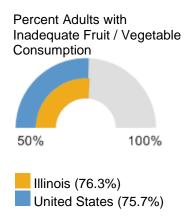


## **Fruit/Vegetable Consumption**

This indicator is relevant because current behaviors are determinants of future health, and because unhealthy eating habits may cause of significant health issues, such as obesity and diabetes.

| Report<br>Area       | Total<br>Population<br>(Age 18) | Total Adults with Inadequate Fruit / Vegetable Consumption | Percent Adults with<br>Inadequate Fruit /<br>Vegetable Consumption |
|----------------------|---------------------------------|--|--|
| Mercer<br>County, IL | 12,668                          | no data  | suppressed   |
| Illinois             | 9,591,923                       | 7,318,637  | 76.3%  |
| United<br>States     | 227,279,010                     | 171,972,118  | 75.7%  |



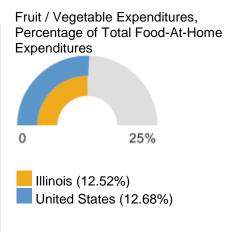


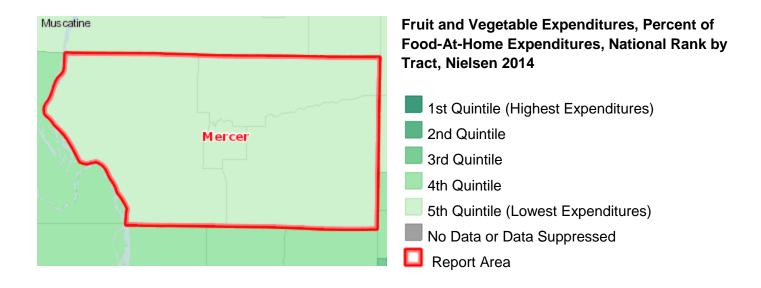
### **Fruit/Vegetable Expenditures**

This indicator reports estimated expenditures for fruits and vegetables purchased for in-home consumption, as a percentage of total food-at-home expenditures. This indicator is relevant because current behaviors are determinants of future health, and because unhealthy eating habits may illustrate a cause of significant health issues, such as obesity and diabetes. Expenditures data are suppressed for single counties and single-geography custom areas. Rank data are not available custom report areas or multi-county areas.

| Report<br>Area          | State<br>Rank | Z-<br>Score | Z-Score<br>(State) | Average<br>Expenditures | Percentage of Food-At-Home |
|-------------------------|---------------|-------------|--------------------|-------------------------|----------------------------|
| 71100                   | rtariit       | (US)        | (Otato)            | (USD)                   | Expenditures               |
| Mercer<br>County,<br>IL | 87            | -1.79       | -2.64              | suppressed              | suppressed                 |
| Illinois                | no<br>data    | -0.01       | 0                  | \$738.75                | 12.52%                     |
| United<br>States        | no<br>data    | no<br>data  | no data            | \$744.71                | 12.68%                     |

Data Source: Nielsen, Nielsen Site Reports. 2014. Source geography: Tract



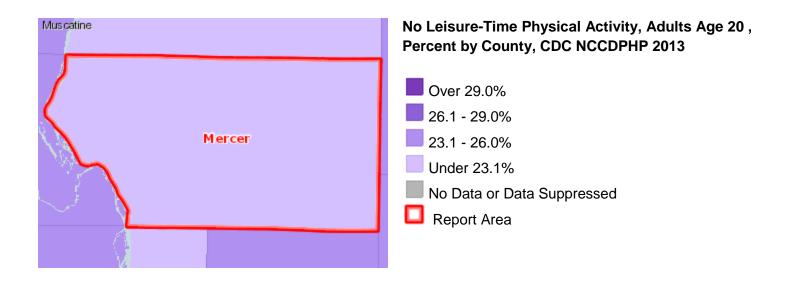


#### **Physical Inactivity**

Within the report area, 3,077 or 23% of adults aged 20 and older self-report no leisure time for activity, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?". This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as obesity and poor cardiovascular health.

|                      |                               |   |   | Percent Population with no               |
|----------------------|-------------------------------|---|---|--|
| Report<br>Area       | Total<br>Population Age<br>20 | Population with no<br>Leisure Time<br>Physical Activity | Percent Population with no Leisure Time Physical Activity | Leisure Time Physical Activity           |
| Mercer<br>County, IL | 12,210                        | 3,077   | 23%   | 0 50%                                    |
| Illinois             | 9,516,375                     | 2,020,399   | 20.8%   |  |
| United<br>States     | 234,207,619                   | 52,147,893  | 21.8%   | Mercer County, IL (23%) Illinois (20.8%) |
| Data Source          | Centers for Disease           | se Control and Prevention                               | National Center for                                       | United States (21.8%)                    |

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2013. Source geography: County

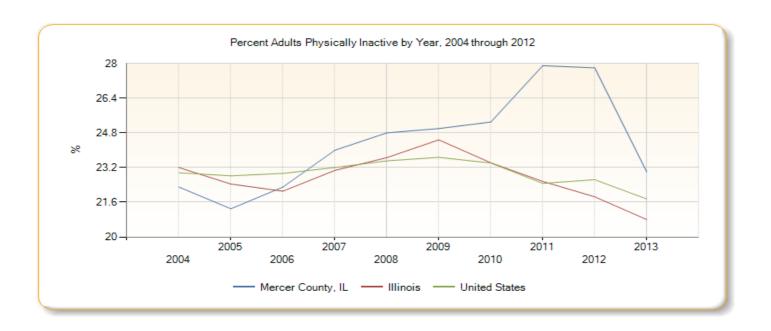


## Adults with No Leisure-Time Physical Activity by Gender

| Report<br>Area       | Total Males with No<br>Leisure-Time Physical<br>Activity | Percent Males with<br>No Leisure-Time<br>Physical Activity | Total Females with No<br>Leisure-Time Physical<br>Activity | Percent Females with<br>No Leisure-Time<br>Physical Activity |
|----------------------|--|--|--|--|
| Mercer<br>County, IL | 1,490  | 23.1%  | 1,587  | 22.8%  |
| Illinois             | 907,237  | 19.53%   | 1,113,162  | 21.89%   |
| United<br>States     | 23,209,824   | 20.13%   | 28,938,104   | 23.22%   |

### Percent Adults Physically Inactive by Year, 2004 through 2012

| Report Area       | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Mercer County, IL | 22.3%  | 21.3%  | 22.3%  | 24%    | 24.8%  | 25%    | 25.3%  | 27.9%  | 27.8%  | 23%    |
| Illinois          | 23.2%  | 22.44% | 22.11% | 23.07% | 23.66% | 24.48% | 23.42% | 22.56% | 21.85% | 20.8%  |
| United States     | 22.96% | 22.82% | 22.93% | 23.2%  | 23.51% | 23.67% | 23.41% | 22.47% | 22.64% | 21.75% |



## **Soda Expenditures**

This indicator reports soft drink consumption by census tract by estimating expenditures for carbonated beverages, as a percentage of total food-at-home expenditures. This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues such as diabetes and obesity. Expenditures data are suppressed for single counties and single-geography custom areas. Rank data are not available custom report areas or multi-county areas.

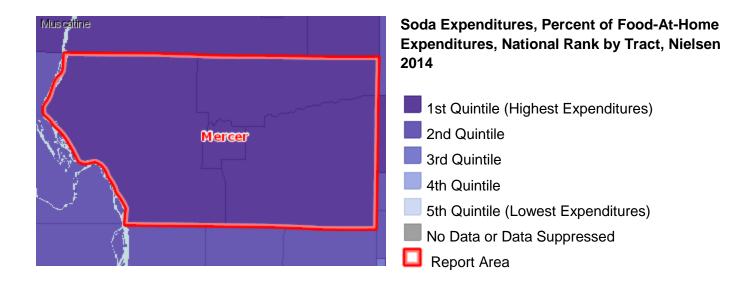
|                         |               |                     |                    |                                  |   | Oou  |
|-------------------------|---------------|---------------------|--------------------|----------------------------------|---|------|
| Report<br>Area          | State<br>Rank | Z-<br>Score<br>(US) | Z-Score<br>(State) | Average<br>Expenditures<br>(USD) | Percentage of Food-At-Home Expenditures | Tota |
| Mercer<br>County,<br>IL | 82            | 1.78                | 2.45               | suppressed                       | suppressed                              | 0    |
| Illinois                | no<br>data    | 0.13                | 0                  | \$243.81                         | 4.13%                                   |      |
| United<br>States        | no<br>data    | no<br>data          | no data            | \$236.04                         | 4.02%                                   |      |

Data Source: Nielsen, Nielsen Site Reports. 2014. Source geography: Tract

Soda Expenditures, Percentage of Total Food-At-Home Expenditures

0 5%

Illinois (4.13%)
United States (4.02%)

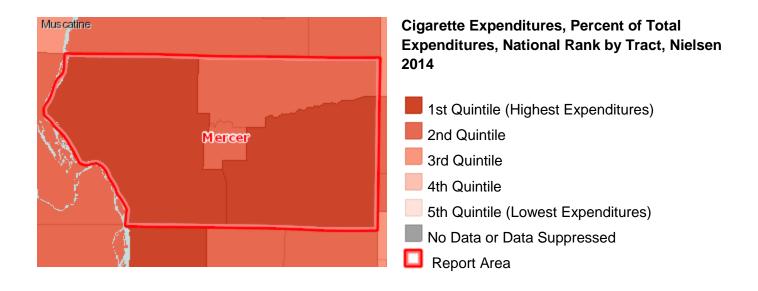


# **Tobacco Expenditures**

This indicator reports estimated expenditures for cigarettes, as a percentage of total household expenditures. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease. Expenditures data are suppressed for single counties and single-geography custom areas. Rank data are not available custom report areas or multi-county areas. Expenditures data are suppressed for single counties and single-geography custom areas. Rank data are not available custom report areas or multi-county areas.

| Report<br>Area          | State<br>Rank | Z-<br>Score<br>(US) | Z-Score<br>(State) | Average<br>Expenditures<br>(USD) | Percentage of Food-At-Home Expenditures | Percentage of Total Household Expenditures |
|-------------------------|---------------|---------------------|--------------------|----------------------------------|---|--|
| Mercer<br>County,<br>IL | 69            | 1.51                | 2.41               | suppressed                       | suppressed                              | -5 5                                       |
| Illinois                | no<br>data    | -0.35               | 0                  | \$807.79                         | 1.5%                                    | Illinois (1.5)                             |
| United<br>States        | no<br>data    | no<br>data          | no data            | \$822.7                          | 1.56%                                   | United States (1.56)                       |

Data Source: Nielsen, Nielsen Site Reports. 2014. Source geography: Tract

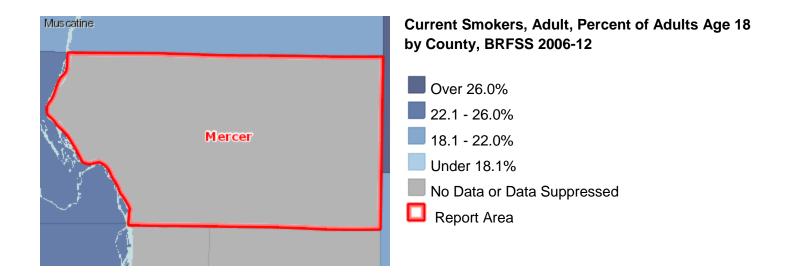


## **Tobacco Usage - Current Smokers**

In the report area an estimated 4,103, or 32.2% of adults age 18 or older self-report currently smoking cigarettes some days or every day. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease.

| Report<br>Area          | Total<br>Population<br>Age 18 | Total Adults<br>Regularly<br>Smoking<br>Cigarettes | Percent Population Smoking Cigarettes (Crude) | Percent Population Smoking Cigarettes (Age-Adjusted) | Percentage of Adults<br>Smoking Cigarettes |
|-------------------------|-------------------------------|--|---|--|--|
| Mercer<br>County,<br>IL | 12,742                        | 4,103  | 32.2%   | suppressed   | 0 30%                                      |
| Illinois                | 9,654,603                     | 1,766,792  | 18.3%   | 18.4%  | United States (18.1%)                      |
| United<br>States        | 232,556,016                   | 41,491,223   | 17.8%   | 18.1%  |  |

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County



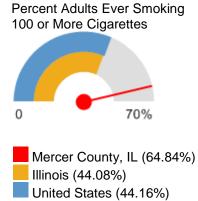
# **Tobacco Usage - Former or Current Smokers**

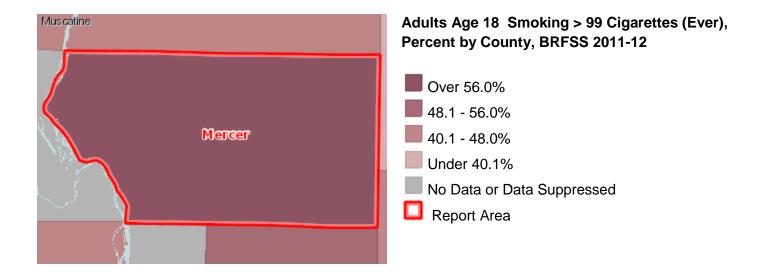
In the report area, an estimated 10,469 adults, or 64.84%, report ever smoking 100 or more cigarettes. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease.

| Report<br>Area       | Survey<br>Population<br>(Adults Age<br>18) | Total Adults Ever<br>Smoking 100 or More<br>Cigarettes | Percent Adults Ever<br>Smoking 100 or More<br>Cigarettes | 1 |
|----------------------|--|--|--|---|
| Mercer<br>County, IL | 16,146                                     | 10,469   | 64.84%   | ( |
| Illinois             | 9,659,812                                  | 4,258,470  | 44.08%   |   |
| United<br>States     | 235,151,778                                | 103,842,020  | 44.16%   |   |

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source

geography: County





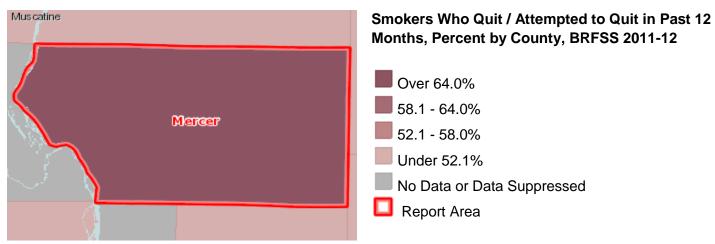
## **Tobacco Usage - Quit Attempt**

An estimated 64.74% of adult smokers in the report area attempted to quit smoking for at least 1 day in the past year. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease and supporting efforts to quit smoking may increase positive health outcomes.

| Report<br>Area       | Survey<br>Population<br>(Smokers<br>Age 18) | Total Smokers with Quit<br>Attempt in Past 12<br>Months | Percent Smokers with<br>Quit Attempt in Past 12<br>Months | Percent Smokers with Quit<br>Attempt in Past 12 Months |
|----------------------|---|---|---|--|
| Mercer<br>County, IL | 6,771                                       | 4,383   | 64.74%  | 0 80%  |
| Illinois             | 1,903,115                                   | 1,164,973   | 61.21%  | Mercer County, IL (64.74%)                             |
| United<br>States     | 45,526,654                                  | 27,323,073  | 60.02%  | Illinois (61.21%) United States (60.02%)               |

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source

geography: County



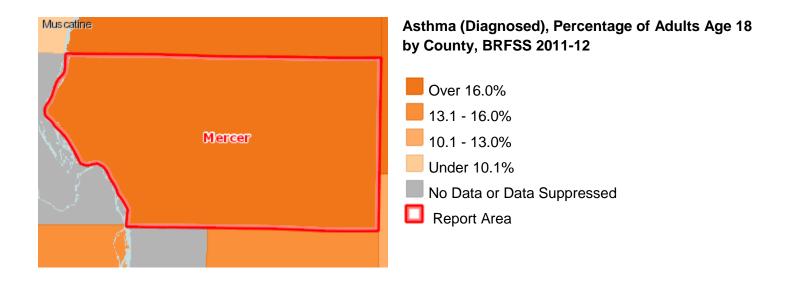
#### **Health Outcomes**

Measuring morbidity and mortality rates allows assessing linkages between social determinants of health and outcomes. By comparing, for example, the prevalence of certain chronic diseases to indicators in other categories (e.g., poor diet and exercise) with outcomes (e.g., high rates of obesity and diabetes), various causal relationship may emerge, allowing a better understanding of how certain community health needs may be addressed.

#### **Asthma Prevalence**

This indicator reports the percentage of adults aged 18 and older who self-report that they have ever been told by a doctor, nurse, or other health professional that they had asthma. This indicator is relevant because asthma is a prevalent problem in the U.S. that is often exacerbated by poor environmental conditions.

|   | 1 -  |                          |                            | Percent Adults with Asthma |
|---|--|--------------------------|----------------------------|----------------------------|
| Report Area                                       | Survey<br>Population<br>(Adults Age 18)      | Total Adults with Asthma | Percent Adults with Asthma | Astillia                   |
| Mercer County, IL                                 | 16,145                                       | 3,354                    | 20.8%                      | 0 25%                      |
| Illinois  | 9,701,927                                    | 1,265,744                | 13%                        |                            |
| United States                                     | 237,197,465                                  | 31,697,608               | 13.4%                      | Mercer County, IL          |
| Data Source: Cent<br>Surveillance Syste<br>County | (20.8%) Illinois (13%) United States (13.4%) |                          |                            |                            |

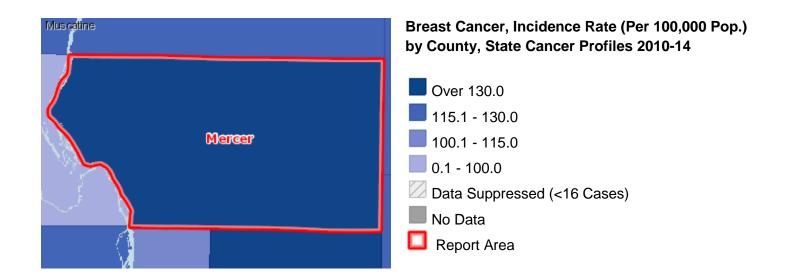


### **Cancer Incidence - Breast**

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of females with breast cancer adjusted to 2000 U.S. standard population age groups (Under Age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

|                      |  |                               |   | Annual Breast Cancer   |
|----------------------|--|-------------------------------|---|--|
| Report Area          | Estimated Total<br>Population (Female) | New Cases<br>(Annual Average) | Cancer<br>Incidence Rate<br>(Per 100,000<br>Pop.) | Incidence Rate<br>(Per 100,000 Pop.)                           |
| Mercer<br>County, IL | 1,085                                  | 15                            | 138.2   | 0 150  |
| Illinois             | 748,692                                | 9,733                         | 130   | _  |
| United<br>States     | 18,515,303                             | 228,664                       | 123.5   | Mercer County, IL (138.2) Illinois (130) United States (123.5) |
| Data Source: St      | tate Cancer Profiles, 2010, 1          | 1 Source geography: C         | ounty   | — United States (123.3)  |

Data Source: State Cancer Profiles. 2010-14. Source geography: County



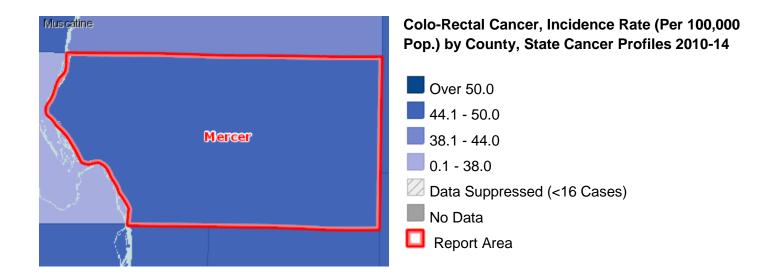
Appual Propet Concer

### **Cancer Incidence - Colon and Rectum**

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of colon and rectum cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

|                      |                               |                               |   | Annual Colon and Rectum Cancer           |
|----------------------|-------------------------------|-------------------------------|---|--|
| Report Area          | Estimated Total<br>Population | New Cases<br>(Annual Average) | Cancer<br>Incidence Rate<br>(Per 100,000<br>Pop.) | Incidence Rate<br>(Per 100,000 Pop.)     |
| Mercer<br>County, IL | 2,449                         | 11                            | 44.9  | 0 100                                    |
| Illinois             | 1,405,168                     | 6,253                         | 44.5  | <u>_</u>                                 |
| United<br>States     | 34,945,477                    | 139,083                       | 39.8  | Mercer County, IL (44.9) Illinois (44.5) |
| HP 2020<br>Target    |                               |                               | <= 38.7   | United States (39.8)                     |

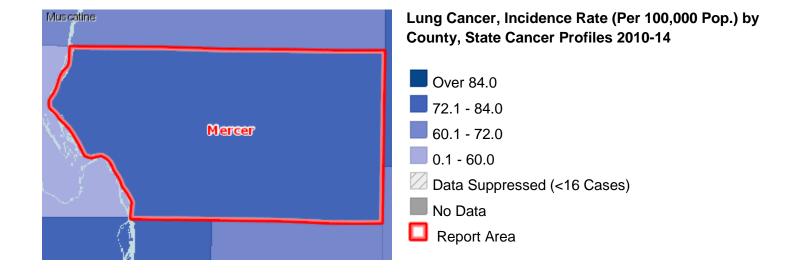
Data Source: State Cancer Profiles. 2010-14. Source geography: County



## **Cancer Incidence - Lung**

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of colon and rectum cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

| Report Area          | Estimated Total Population | New Cases (Annual<br>Average)        | Cancer Incidence<br>Rate<br>(Per 100,000<br>Pop.) | Annual Lung Cancer Incidence<br>Rate<br>(Per 100,000 Pop.) |
|----------------------|----------------------------|--------------------------------------|---|--|
| Mercer<br>County, IL | 2,452                      | 18                                   | 73.4  | 0 100  |
| Illinois             | 1,396,556                  | 9,329                                | 66.8  | _  |
| United States        | 35,229,411                 | 215,604                              | 61.2  | Mercer County, IL (73.4)                                   |
| Data Source: Sta     | ate Cancer Profiles. 2010  | Illinois (66.8) United States (61.2) |   |  |

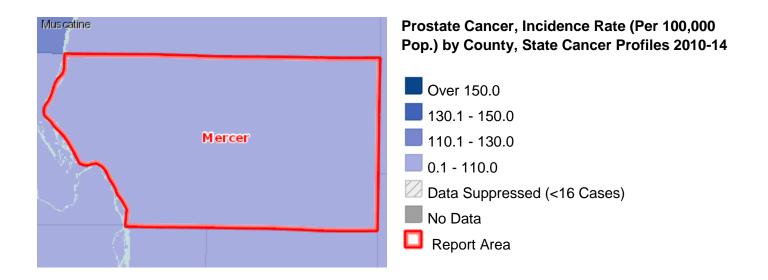


### **Cancer Incidence - Prostate**

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of males with prostate cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

|                      |                                      |                               |   | Annual Prostate Cancer                     |
|----------------------|--------------------------------------|-------------------------------|---|--|
| Report Area          | Estimated Total<br>Population (Male) | New Cases<br>(Annual Average) | Cancer<br>Incidence Rate<br>(Per 100,000<br>Pop.) | Incidence Rate<br>(Per 100,000 Pop.)       |
| Mercer<br>County, IL | 1,205                                | 13                            | 107.8   | 0 200                                      |
| Illinois             | 667,420                              | 7,969                         | 119.4   | _  |
| United<br>States     | 16,980,487                           | 194,936                       | 114.8   | Mercer County, IL (107.8) Illinois (119.4) |
| Data Source: S       | tate Cancer Profiles 2010-           | 14 Source geography:          | County  | United States (114.8)                      |

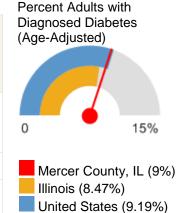
Data Source: State Cancer Profiles. 2010-14. Source geography: County



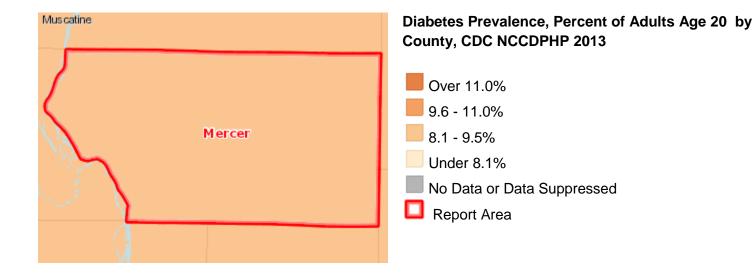
## **Diabetes (Adult)**

This indicator reports the percentage of adults aged 20 and older who have ever been told by a doctor that they have diabetes. This indicator is relevant because diabetes is a prevalent problem in the U.S.; it may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

|                         |                               |                                    |   |   | Perd         |
|-------------------------|-------------------------------|------------------------------------|---|---|--------------|
| Report<br>Area          | Total<br>Population<br>Age 20 | Population with Diagnosed Diabetes | Population with<br>Diagnosed<br>Diabetes, Crude<br>Rate | Population with<br>Diagnosed<br>Diabetes, Age-<br>Adjusted Rate | Diag<br>(Age |
| Mercer<br>County,<br>IL | 12,254                        | 1,397                              | 11.4  | 9%  | 0            |
| Illinois                | 9,507,158                     | 864,658                            | 9.09  | 8.47%   | 1            |
| United<br>States        | 236,919,508                   | 23,685,417                         | 10  | 9.19%   | l<br>U       |



Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2013. Source geography: County

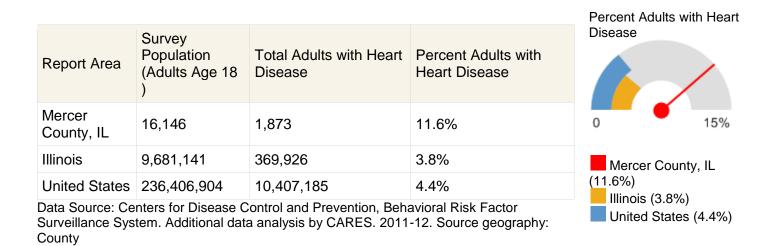


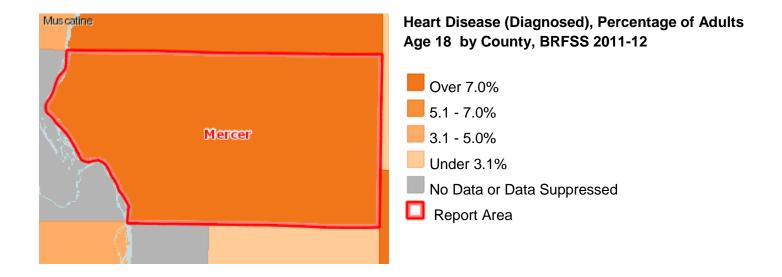
### Percent Adults with Diagnosed Diabetes by Year, 2004 through 2012

| Report Area       | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Mercer County, IL | 6.6%  | 7.2%  | 7.7%  | 7.7%  | 7.4%  | 7.5%  | 8.1%  | 8.5%  |
| Illinois          | 6.88% | 7.14% | 7.94% | 8.08% | 8.16% | 8.24% | 8.6%  | 8.73% |
| United States     | 7.31% | 7.58% | 8.04% | 8.33% | 8.55% | 8.72% | 8.95% | 9.09% |

### **Heart Disease (Adult)**

1,873, or 11.6% of adults aged 18 and older have ever been told by a doctor that they have coronary heart disease or angina. This indicator is relevant because coronary heart disease is a leading cause of death in the U.S. and is also related to high blood pressure, high cholesterol, and heart attacks.

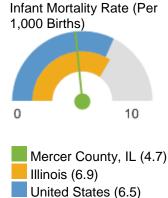




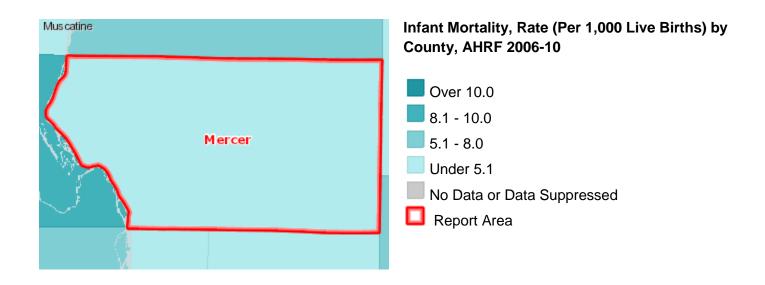
### **Infant Mortality**

This indicator reports the rate of deaths to infants less than one year of age per 1,000 births. This indicator is relevant because high rates of infant mortality indicate the existence of broader issues pertaining to access to care and maternal and child health.

|                   |                 |                        |  | 11116 |
|-------------------|-----------------|------------------------|--|-------|
| Report Area       | Total<br>Births | Total Infant<br>Deaths | Infant Mortality Rate (Per 1,000 Births) | 1,0   |
| Mercer County, IL | 855             | 4                      | 4.7                                      |       |
| Illinois          | 879,035         | 6,065                  | 6.9                                      | 0     |
| United States     | 20,913,535      | 136,369                | 6.5                                      |       |
| HP 2020<br>Target |                 |                        | <= 6.0                                   |       |



Data Source: US Department of Health Human Services, Health Resources and Services Administration, Area Health Resource File. 2006-10. Source geography: County



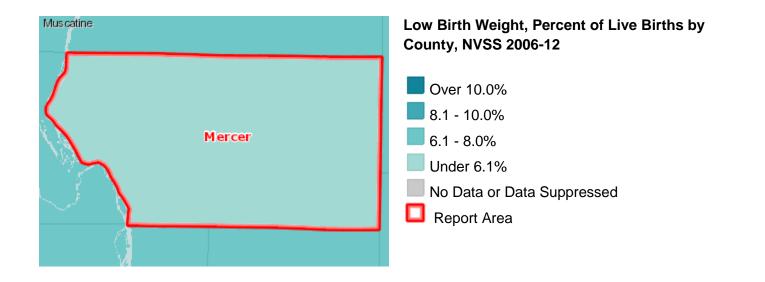
### **Low Birth Weight**

This indicator reports the percentage of total births that are low birth weight (Under 2500g). This indicator is relevant because low birth weight infants are at high risk for health problems. This indicator can also highlight the existence of health disparities.

|   |                      |                                       |                                     | Percent Low Birth Weight |  |
|---|----------------------|---------------------------------------|-------------------------------------|--------------------------|--|
| Report Area   | Total Live<br>Births | Low Weight<br>Births<br>(Under 2500g) | Low Weight Births, Percent of Total | Births                   |  |
| Mercer County, IL   | 1,204                | 69                                    | 5.7%                                | 0 15%                    |  |
| Illinois  | 1,251,656            | 105,139                               | 8.4%                                | _                        |  |
| United States   | 29,300,495           | 2,402,641                             | 8.2%                                | Mercer County, IL (5.7%) |  |
| HP 2020 Target  |                      |                                       | <= 7.8%                             | Illinois (8.4%)          |  |
| Data Source: US Department of Health Human Services, Health Indicators Warehouse.  United States (8.2%) |                      |                                       |                                     |                          |  |

Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via

CDC WONDER. 2006-12. Source geography: County



## Babies Born with Low Birth Weight, Percent by Time Period, 2002-2008 through 2006-2012

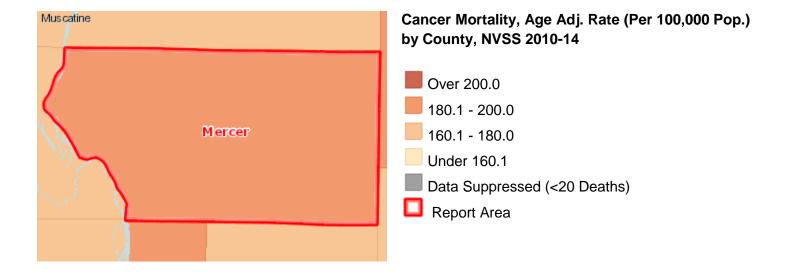
| Report Area       | 2002-2008 | 2003-2009 | 2004-2010 | 2005-2011 | 2006-2012 |
|-------------------|-----------|-----------|-----------|-----------|-----------|
| Mercer County, IL | 5.2%      | 5.2%      | 4.8%      | 5.7%      | 5.7%      |
| Illinois          | 8.4%      | 8.4%      | 8.4%      | 8.4%      | 8.4%      |
| United States     | 8.1%      | 8.1%      | 8.2%      | 8.2%      | 8.2%      |

### **Mortality - Cancer**

This indicator reports the rate of death due to malignant neoplasm (cancer) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because cancer is a leading cause of death in the United States.

|                      |                     |  |  |   | Cancer Mortality, Age-   |
|----------------------|---------------------|--|--|---|--|
| Report Area          | Total<br>Population | Average<br>Annual Deaths,<br>2010-2014 | Crude Death<br>Rate<br>(Per 100,000<br>Pop.) | Age-Adjusted<br>Death Rate<br>(Per 100,000<br>Pop.) | Adjusted Death Rate<br>(Per 100,000 Pop.)                        |
| Mercer<br>County, IL | 16,228              | 45                                     | 277.3  | 190.6   | 0 250  |
| Illinois             | 12,867,528          | 24,326                                 | 189.05                                       | 173.9   |  |
| United<br>States     | 313,836,267         | 581,919                                | 185.42                                       | 166.3   | Mercer County, IL (190.6) Illinois (173.9) United States (166.3) |
| HP 2020<br>Target    |                     |  |  | <= 160.6  | United States (166.3)  |

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2010-14. Source geography: County



## Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

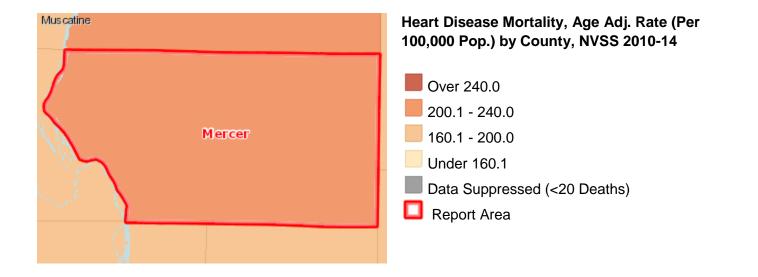
| Report Area       | Male  | Female |
|-------------------|-------|--------|
| Mercer County, IL | 220.8 | 168    |
| Illinois          | 207.9 | 150.8  |
| United States     | 200.3 | 141.9  |

### **Mortality - Heart Disease**

Within the report area the rate of death due to heart disease (ICD10 Codes I00-I09, I11, I13, I20-I151) per 100,000 population is 205.4. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because heart disease is a leading cause of death in the United States.

| Report Area          | Total<br>Population | Average<br>Annual Deaths,<br>2010-2014 | Crude Death<br>Rate<br>(Per<br>100,000<br>Pop.) | Age-Adjusted<br>Death Rate<br>(Per 100,000<br>Pop.) | Adjusted D<br>(Per 100,00 |                          |
|----------------------|---------------------|--|---|---|---------------------------|--------------------------|
| Mercer<br>County, IL | 16,228              | 54                                     | 332.75  | 205.4   | 0                         | 300                      |
| Illinois             | 12,867,528          | 24,895                                 | 193.47  | 174.5   | Mercer                    | County, IL (205.4)       |
| United<br>States     | 313,836,267         | 603,698                                | 192.36  | 171.8   | Illinois (<br>United \$   | 174.5)<br>States (171.8) |

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2010-14. Source geography: County



#### Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

| Report Area       | Male  | Female |
|-------------------|-------|--------|
| Mercer County, IL | 271.2 | 156.9  |
| Illinois          | 222.7 | 137.4  |
| United States     | 216.4 | 136.6  |

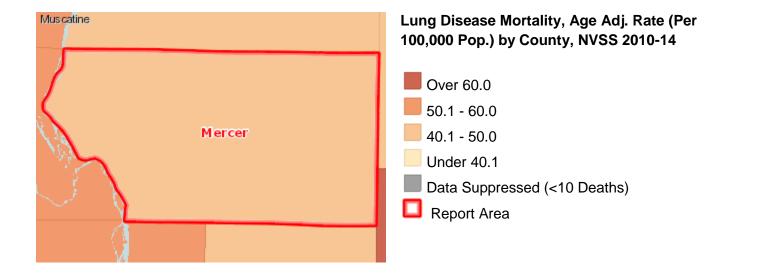
Hoort Discoso Martality Ago

### **Mortality - Lung Disease**

This indicator reports the rate of death due to chronic lower respiratory disease per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because lung disease is a leading cause of death in the United States.

|                      |                     |  |  |   | Lung Disease Mortality, Age-                                  |
|----------------------|---------------------|--|--|---|---|
| Report Area          | Total<br>Population | Average<br>Annual Deaths,<br>2007-2011 | Crude Death<br>Rate<br>(Per 100,000<br>Pop.) | Age-Adjusted<br>Death Rate<br>(Per 100,000<br>Pop.) | Adjusted Death Rate (Per 100,000 Pop.)                        |
| Mercer<br>County, IL | 16,228              | 11                                     | 66.55  | 43.2  | 0 100   |
| Illinois             | 12,867,528          | 5,419                                  | 42.12  | 39.2  | _   |
| United<br>States     | 313,836,267         | 144,125                                | 45.92  | 41.7  | Mercer County, IL (43.2) Illinois (39.2) United States (41.7) |
| Data Source: C       | ontore for Dicone   | o Control and Prov                     | ontion National                              | Vital Statistics                                    | Utilied States (41.7)   |

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2010-14. Source geography: County



### Lung Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

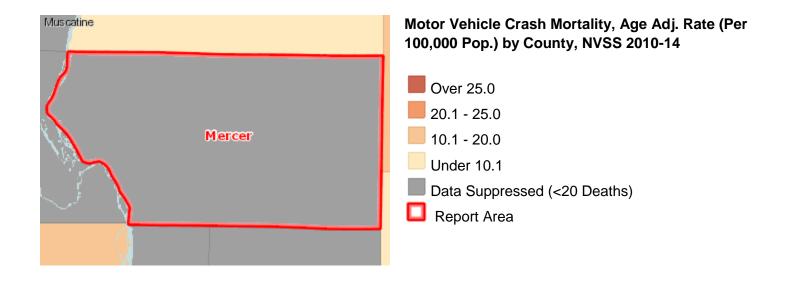
| Report Area       | Male | Female |
|-------------------|------|--------|
| Mercer County, IL | 48.7 | 42.3   |
| Illinois          | 44.7 | 35.8   |
| United States     | 47.4 | 38     |

Lung Diocese Mortelity Ago

### **Mortality - Motor Vehicle Crash**

This indicator reports the rate of death due to motor vehicle crashes per 100,000 population, which include collisions with another motor vehicle, a non-motorist, a fixed object, and a non-fixed object, an overturn, and any other non-collision. This indicator is relevant because motor vehicle crash deaths are preventable and they are a cause of premature death.

| Report Area          | Total<br>Population | Average<br>Annual<br>Deaths,<br>2010-2014 | Crude Death<br>Rate<br>(Per<br>100,000<br>Pop.) | Age-Adjusted<br>Death Rate<br>(Per 100,000<br>Pop.) | Motor Vehicle Crash Death, Ag<br>Adjusted Death Rate<br>(Per 100,000 Pop.) |               |
|----------------------|---------------------|---|---|---|--|---------------|
| Mercer<br>County, IL | 16,228              | 2   | 12.32   | no data   | 0  | 50            |
| Illinois             | 12,867,528          | 1,028                                     | 7.99  | 7.8   | Illinois   | (7.8)         |
| United<br>States     | 313,836,267         | 33,977                                    | 10.83   | 10.6  | United   | States (10.6) |

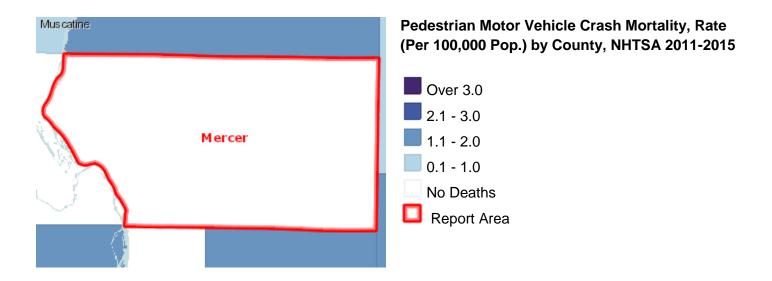


### **Mortality - Pedestrian Motor Vehicle Crash**

This indicator reports the crude rate of pedestrians killed by motor vehicles per 100,000 population. This indicator is relevant because pedestrian-motor vehicle crash deaths are preventable and they are a cause of premature death.

|                      |                         |                                       |   | Pedestrian Motor Vehicle                       |
|----------------------|-------------------------|---------------------------------------|---|--|
| Report Area          | Total Population (2010) | Total Pedestrian<br>Deaths, 2011-2015 | Average Annual<br>Deaths,<br>Rate per<br>100,000 Pop. | Mortality, Crude Death Rate (Per 100,000 Pop.) |
| Mercer<br>County, IL | 16,434                  | 0                                     | 0   | 0 10   |
| Illinois             | 12,830,632              | 827                                   | 2.1   | _  |
| United<br>States     | 312,732,537             | 28,832                                | 3.1   | Mercer County, IL (0) Illinois (2.1)           |
| HP 2020<br>Target    |                         |                                       | <= 1.3  | United States (3.1)                            |

Data Source: US Department of Transportation, National Highway Traffic Safety Administration, Fatality Analysis Reporting System. 2011-2015. Source geography: County

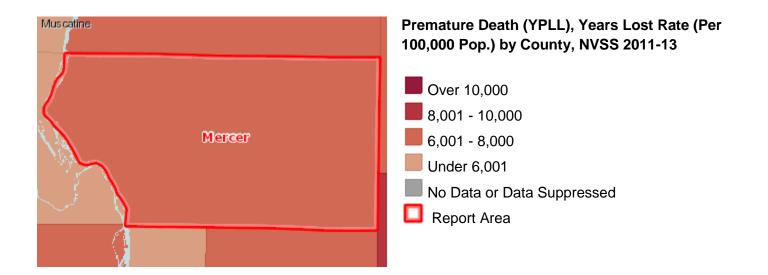


### **Mortality - Premature Death**

This indicator reports Years of Potential Life Lost (YPLL) before age 75 per 100,000 population for all causes of death, age-adjusted to the 2000 standard. YPLL measures premature death and is calculated by subtracting the age of death from the 75-year benchmark. This indicator is relevant because a measure of premature death can provide a unique and comprehensive look at overall health status.

| Report<br>Area       | Total<br>Population,<br>Census 2010 | Total<br>Premature<br>Deaths,<br>2011-2013<br>Average | Total Years of<br>Potential Life Lost,<br>2011-2013<br>Average | Years of Potential Life Lost, Rate per 100,000 Population | Years of Potential Life<br>Lost,<br>Rate per 100,000<br>Population |
|----------------------|-------------------------------------|---|--|---|--|
| Mercer<br>County, IL | 16,434                              | 71  | 1,283  | 7,806   | 5000 10000   |
| Illinois             | 12,830,632                          | 43,349  | 809,525  | 6,309   | Mercer County, IL  |
| United<br>States     | 312,732,537                         | 1,119,700   | 20,584,925   | 6,588   | (7,806) Illinois (6,309) United States (6,588)                     |
| Data Source:         | University of Wis                   | consin Population                                     | Health Institute County  | / Health Rankings   | Critica States (0,300)   |

Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2011-13. Source geography: County



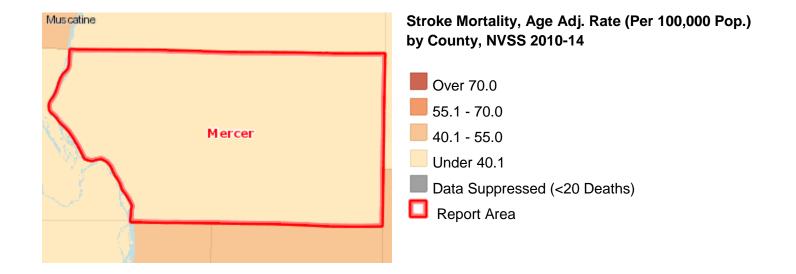
### **Mortality - Stroke**

Within the report area there are an estimated 28.2 deaths due to cerebrovascular disease (stroke) per 100,000 population. This is less than the Healthy People 2020 target of less than or equal to 33.8. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because stroke is a leading cause of death in the United States.

| Report Area          | Total<br>Population | Average<br>Annual Deaths,<br>2010-2014 | Crude Death<br>Rate<br>(Per 100,000<br>Pop.) | Age-Adjusted<br>Death Rate<br>(Per 100,000<br>Pop.) |
|----------------------|---------------------|--|--|---|
| Mercer<br>County, IL | 16,228              | 7                                      | 45.6   | 28.2  |
| Illinois             | 12,867,528          | 5,368                                  | 41.72  | 37.9  |
| United<br>States     | 313,836,267         | 129,754                                | 41.34  | 37.3  |
| HP 2020<br>Target    |                     |  |  | <= 33.8   |

Stroke Mortality, Age-Adjusted
Death Rate
(Per 100,000 Pop.)

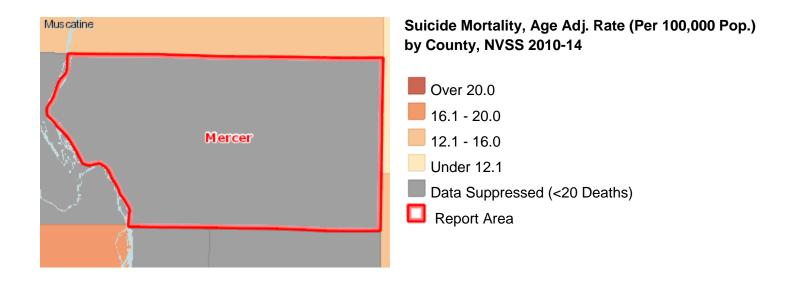
Mercer County, IL (28.2)
Illinois (37.9)
United States (37.3)



### **Mortality - Suicide**

This indicator reports the rate of death due to intentional self-harm (suicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because suicide is an indicator of poor mental health.

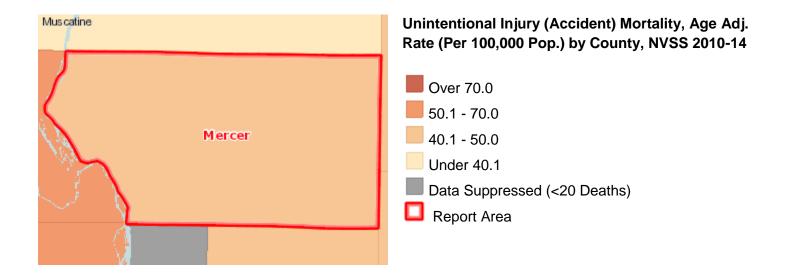
|                      |                     |  |  |   | Suicide, Age-              | ·Adjusted         |
|----------------------|---------------------|--|--|---|----------------------------|-------------------|
| Report Area          | Total<br>Population | Average Annual<br>Deaths,<br>2010-2014 | Crude Death<br>Rate<br>(Per 100,000<br>Pop.) | Age-Adjusted<br>Death Rate<br>(Per 100,000<br>Pop.) | Death Rate<br>(Per 100,000 | Pop.)             |
| Mercer<br>County, IL | 16,228              | 2                                      | 12.32  | no data   | 0                          | 50                |
| Illinois             | 12,867,528          | 1,283                                  | 9.97   | 9.7   |                            |                   |
| United<br>States     | 313,836,267         | 40,466                                 | 12.89  | 12.5  | Illinois (9. United Sta    | 7)<br>ates (12.5) |
| HP 2020<br>Target    |                     |  |  | <= 10.2   |                            |                   |



### **Mortality - Unintentional Injury**

This indicator reports the rate of death due to unintentional injury (accident) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because accidents are a leading cause of death in the U.S.

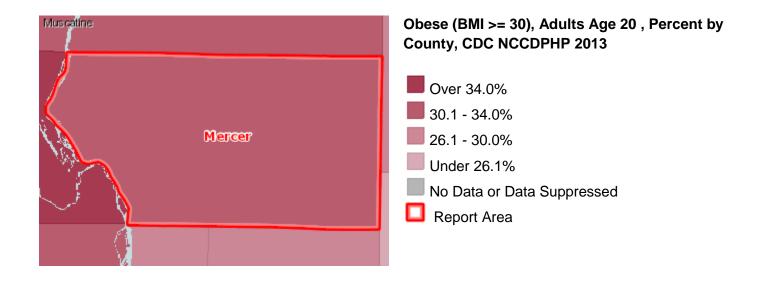
|                      |                     |   |   |   | Unintentional Injury (Accident)                       |
|----------------------|---------------------|---|---|---|---|
| Report<br>Area       | Total<br>Population | Average<br>Annual<br>Deaths,<br>2010-2014 | Crude<br>Death Rate<br>(Per<br>100,000<br>Pop.) | Age-Adjusted<br>Death Rate<br>(Per 100,000<br>Pop.) | Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.) |
| Mercer<br>County, IL | 16,228              | 7   | 43.13   | 44  | 0 100   |
| Illinois             | 12,867,528          | 4,361                                     | 33.89   | 32.7  | Mercer County, IL (44)                                |
| United<br>States     | 313,836,267         | 128,295                                   | 40.88   | 39.2  | Illinois (32.7) United States (39.2)                  |
| HP 2020<br>Target    |                     |   |   | <= 36.0   |   |



## **Obesity**

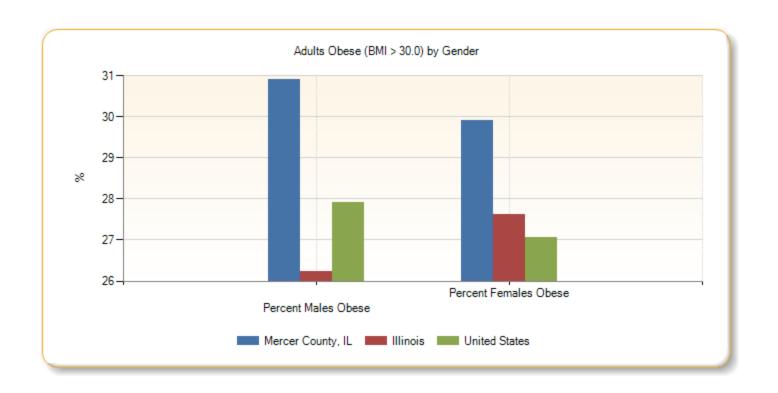
30.4% of adults aged 20 and older self-report that they have a Body Mass Index (BMI) greater than 30.0 (obese) in the report area. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

|                                  |  |                                |  | Percentage of Adults |
|----------------------------------|--|--------------------------------|--|----------------------|
| Report Area                      | Total Population<br>Age 20                   | Adults with BMI > 30.0 (Obese) | Percent Adults with BMI > 30.0 (Obese) | Obese                |
| Mercer<br>County, IL             | 12,215                                       | 3,811                          | 30.4%                                  |                      |
| Illinois                         | 9,511,847                                    | 2,600,939                      | 27%                                    | 0 50%                |
| United<br>States                 | 234,188,203                                  | 64,884,915                     | 27.5%                                  | Mercer County, IL    |
| Data Source: C<br>Disease Prever | (30.4%) Illinois (27%) United States (27.5%) |                                |  |                      |



## Adults Obese (BMI > 30.0) by Gender

| Report Area       | Total Males Obese | Percent Males Obese | Total Females Obese | Percent Females Obese |
|-------------------|-------------------|---------------------|---------------------|-----------------------|
| Mercer County, IL | 1,912             | 30.9%               | 1,899               | 29.9%                 |
| Illinois          | 1,229,347         | 26.23%              | 1,371,583           | 27.61%                |
| United States     | 32,051,606        | 27.92%              | 32,833,321          | 27.06%                |



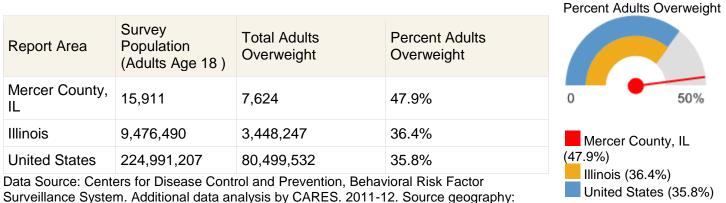
### Percent Adults Obese (BMI > 30.0) by Year, 2004 through 2012

| Report Area       | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Mercer County, IL | 24.6%  | 26.11% | 26.7%  | 26.5%  | 27.1%  | 30.4%  | 31.8%  | 29.1%  | 29.9%  |
| Illinois          | 22.68% | 23.69% | 24.59% | 25.03% | 26.01% | 27.03% | 27.37% | 26.95% | 27.04% |
| United States     | 23.07% | 23.79% | 24.82% | 25.64% | 26.36% | 27.35% | 27.29% | 27.19% | 27.14% |

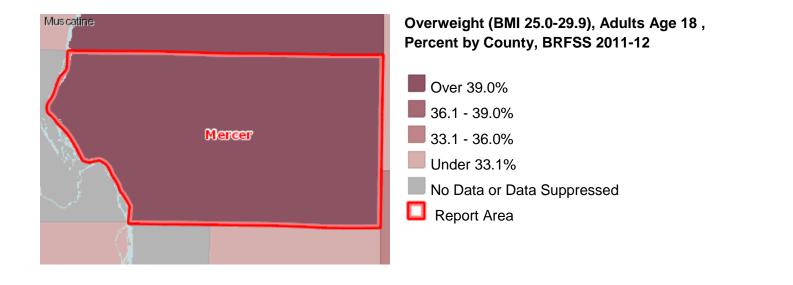


### **Overweight**

47.9% of adults aged 18 and older self-report that they have a Body Mass Index (BMI) between 25.0 and 30.0 (overweight) in the report area. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.



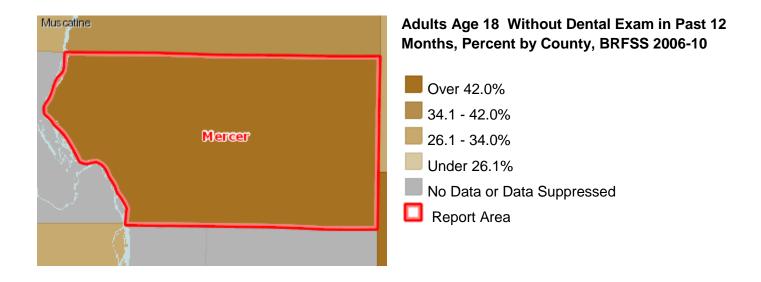
County



## **Poor Dental Health**

This indicator reports the percentage of adults age 18 and older who self-report that six or more of their permanent teeth have been removed due to tooth decay, gum disease, or infection. This indicator is relevant because it indicates lack of access to dental care and/or social barriers to utilization of dental services.

|                      |                                 |   |  | Percent Adults with Poor               |
|----------------------|---------------------------------|---|--|--|
| Report Area          | Total<br>Population<br>(Age 18) | Total Adults with Poor<br>Dental Health                 | Percent Adults with Poor Dental Health | Dental Health                          |
| Mercer<br>County, IL | 12,754                          | 2,999   | 23.5%                                  | 0 30%                                  |
| Illinois             | 9,654,603                       | 1,418,280   | 14.7%                                  |  |
| United<br>States     | 235,375,690                     | 36,842,620  | 15.7%                                  | Mercer County, IL (23.5%)              |
|                      |                                 | e Control and Prevention, Bedata analysis by CARES. 200 |  | Illinois (14.7%) United States (15.7%) |

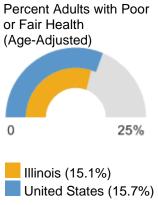


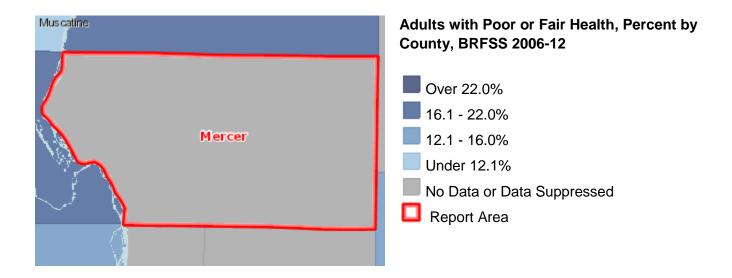
### **Poor General Health**

This indicator is relevant because it is a measure of general poor health status.

|                      |                               |   |                     |                            | Feic          |
|----------------------|-------------------------------|---|---------------------|----------------------------|---------------|
| Report<br>Area       | Total<br>Population Age<br>18 | Estimated Population with Poor or Fair Health | Crude<br>Percentage | Age-Adjusted<br>Percentage | or Fa<br>(Age |
| Mercer<br>County, IL | 12,742                        | no data                                       | suppressed          | suppressed                 |               |
| Illinois             | 9,654,603                     | 1,486,809                                     | 15.4%               | 15.1%                      | 0             |
| United<br>States     | 232,556,016                   | 37,766,703                                    | 16.2%               | 15.7%                      |               |

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County



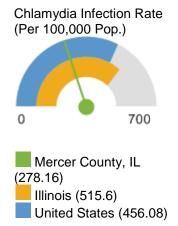


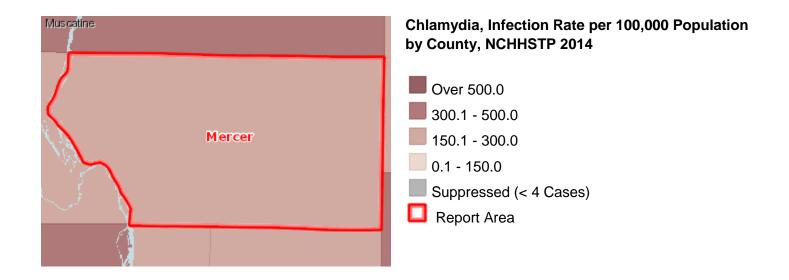
## STI - Chlamydia Incidence

This indicator reports incidence rate of chlamydia cases per 100,000 population. This indicator is relevant because it is a measure of poor health status and indicates the prevalence of unsafe sex practices.

| Report Area          | Total<br>Population | Total Chlamydia<br>Infections | Chlamydia Infection Rate (Per 100,000 Pop.) |
|----------------------|---------------------|-------------------------------|---|
| Mercer<br>County, IL | 16,178              | 45                            | 278.16                                      |
| Illinois             | 12,882,855          | 66,424                        | 515.6                                       |
| United States        | 316,128,839         | 1,441,789                     | 456.08                                      |

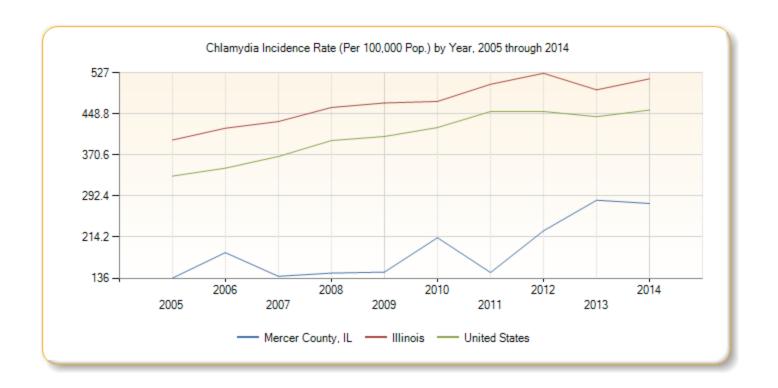
Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2014. Source geography: County





## Chlamydia Incidence Rate (Per 100,000 Pop.) by Year, 2005 through 2014

| Report Area       | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Mercer County, IL | 136    | 184.68 | 139.48 | 145.62 | 147.46 | 212.97 | 146.67 | 226.12 | 284.34 | 278.16 |
| Illinois          | 398.96 | 421.45 | 434.18 | 460.95 | 469.56 | 472.53 | 505.13 | 526.11 | 494.5  | 515.6  |
| United States     | 330.3  | 345.4  | 367.7  | 398    | 405.7  | 422.8  | 453.4  | 453.4  | 443.5  | 456.1  |

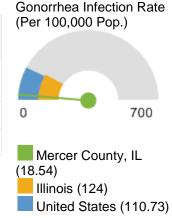


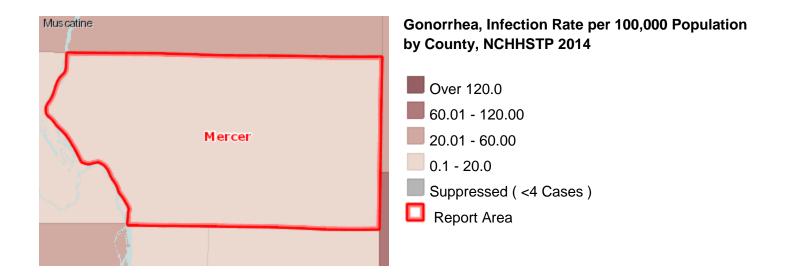
## **STI - Gonorrhea Incidence**

This indicator reports incidence rate of Gonorrhea cases per 100,000 population. This indicator is relevant because it is a measure of poor health status and indicates the prevalence of unsafe sex practices.

| Report Area          | Total<br>Population | Total Gonorrhea<br>Infections | Gonorrhea Infection Rate (Per 100,000 Pop.) |
|----------------------|---------------------|-------------------------------|---|
| Mercer<br>County, IL | 16,178              | 3                             | 18.54                                       |
| Illinois             | 12,879,032          | 15,970                        | 124   |
| United States        | 316,128,839         | 350,062                       | 110.73                                      |

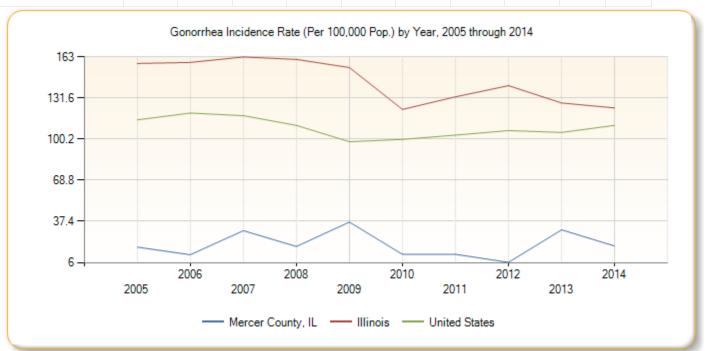
Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2014. Source geography: County





### Gonorrhea Incidence Rate (Per 100,000 Pop.) by Year, 2005 through 2014

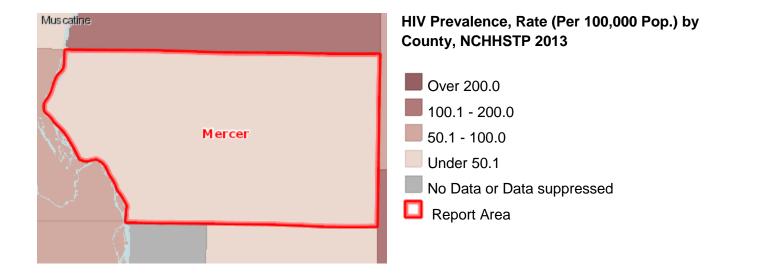
| Report Area       | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013  | 2014  |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| Mercer County, IL | 17.74  | 11.91  | 30.32  | 18.2   | 36.86  | 12.17  | 12.22  | 6.11   | 30.91 | 18.54 |
| Illinois          | 157.97 | 158.76 | 162.91 | 161.06 | 154.82 | 122.88 | 132.52 | 141.04 | 127.8 | 124   |
| United States     | 114.9  | 120.1  | 118.1  | 110.7  | 98.2   | 100    | 103.3  | 106.7  | 105.3 | 110.7 |



### **STI - HIV Prevalence**

This indicator reports prevalence rate of HIV per 100,000 population. This indicator is relevant because HIV is a life-threatening communicable disease that disproportionately affects minority populations and may also indicate the prevalence of unsafe sex practices.

| Report Area  | Population Age                           | Population with HIV / AIDS | Population with HIV / AIDS,<br>Rate (Per 100,000<br>Pop.) | Population with HIV /<br>AIDS,<br>Rate (Per 100,000 Pop.) |
|--|--|----------------------------|---|---|
| Mercer<br>County, IL                                     | 13,678                                   | 6                          | 43.87   | 0 700   |
| Illinois   | 10,739,418                               | 34,681                     | 322.93  |   |
| United States  | 263,765,822                              | 931,526                    | 353.16  | Mercer County, IL (43.87)                                 |
| Data Source: US<br>Centers for Disea<br>STD, and TB Prev | Illinois (322.93) United States (353.16) |                            |   |   |



#### HIV Prevalence Rate (Per 100,000 Pop.) by Year, 2008 through 2011

| Report Area       | 2008   | 2009    | 2010   |
|-------------------|--------|---------|--------|
| Mercer County, IL | 50.5   | no data | 33.5   |
| Illinois          | 275.21 | 287.94  | 300.1  |
| United States     | 327.37 | 335.38  | 342.17 |

#### **Sources**

Please see <u>Health Indicators Report footnotes</u>

(http://legacyassessment.communitycommons.org/CHNA/footnotes?reporttype=libraryCHNA&areatype=county &areaid=19097) for information about the data background, analysis methodologies and other related notes.

Report prepared by Community Commons, (https://www.communitycommons.org/) February 05, 2018.