Obtaining County Level Data
KY LHD Accreditation Coordinators
Fall Retreat
October 10, 2013
CDC Wonder

- Mortality Data – 2010 most current
- Population Data – 2012 most current
- Environment - 2011 most current
  - Daily Air Temperatures and Heat Index
  - Daily Land Surface Temperatures
  - Daily Fine Particulate Matter
  - Daily Sunlight
  - Daily Precipitation
- http://wonder.cdc.gov/
CDC Wonder

WONDER online databases utilize a rich ad-hoc query system for the analysis of public health data. Reports and other query systems are also available.

- AIDS Public Use Data
- Births
- Cancer Statistics
- Daily Air Temperatures & Heat Index
- Daily Land Surface Temperatures
- Daily Fine Particulate Matter
- Daily Sunlight
- Daily Precipitation
- Underlying Cause of Death

Reports and References
- Prevention Guidelines (Archive)
- Scientific Data and Documentation (Archive)

Other Query Systems
- Healthy People 2010
- MMWR Morbidity Tables
- MMWR Mortality Tables
CDC Wonder

Underlying Cause of Death, 1999-2010 Request

Organize table layout:
- Choose the CD-113 Cause List
- Select options to choose standard or non-standard age-adjusted rates or to adjust the number rates are calculated for.

Select location:
- Click a button to choose locations by State, Census Region, or HHS Region.
- Browse or search to find areas in the States Finder Tool, then highlight the items to use for the request.

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2. Select location:

Click a button to choose locations by State, Census Region or HHS Region.

- States
- Census Regions
- HHS Regions

Browse or search to find items in the States Finder Tool, then highlight the items to use for this request.
(The Currently selected box displays all current request items.)

Finder Tool Help    Advanced Finder Options

Browse the list by opening and closing items.
Use Ctrl+Click to multiple select, Shift+Click for a range.
CDC Wonder

![CDC Wonder screenshot](image)

The CDC Wonder database provides comprehensive health information, including data on causes of death. This screenshot shows a table with various causes of death from 1999 to 2014, along with associated values such as deaths, population, and rates per 100,000 people. The table highlights different causes such as malignant neoplasms, diabetes mellitus, and other diseases, each with specific statistical data.
Query Criteria:

Title: All
Autopsy: All
Gender: All
Hispanic Origin: All
ICD-10 Codes: All
Place of Death: All
Race: All
States: Bourbon County, KY (21017), Harrison County, KY (21097), Scott County, KY (21209)
Ten-Year Age Groups: All
Urbanization: All
Weekday: All
Year/Month: 2010
Group By: ICD-10 113 Cause List
Show Totals: Disabled
Show Zero Values: True
Show Suppressed: False
Calculate Rates Per: 100,000
Rate Options: Default intercensal populations for years 2001-2009 (except Infant Age Groups)
Community Commons

- Initiative of Advancing the Movement
- Web based Geographic Information System (Mapping)
- Guidance and indicators for developing Community Health Assessments
  - Vulnerable Populations Footprint
  - Core Health Indicators Report
  - Full Health Indicators Report
  - Leading Health Indicators Report
- FREE Access
- [http://www.communitycommons.org/](http://www.communitycommons.org/)
Community Commons

We believe that a nation full of healthy, thriving communities is closer than you think—and to get there, we’ll need to work and learn together.

Health Equity Collaboratives Increase Access to Care

Minor illness can become major problems when language, culture, or place barriers prevent people from getting the care they need. Continue reading →

• [www.communitycommons.org](http://www.communitycommons.org)
Community Commons

Enrich your community work with maps and data reports that can be shared and saved.

- Make a Map
  - Make Room Beta
    - Visit the newly redesigned maproom currently in Beta. Check out our data kit. Create a map. Save it. Share it!
  - Make Room Classic
    - Create a map in the original Commons mapping environment.
  - Map Gallery
    - Browse and open maps created by users of the Commons.
  - Map of the Movement
    - Search for initiatives.

- Build a Report
  - Community Health Needs Assessment
    - Identify assets and potential disparities in your county/region related to community health and well-being.
  - Vulnerable Population Footprint
    - Find areas in your community with low educational attainment and high poverty.
  - Topic-based Reports
    - Browse and create data reports covering health, education, economic and other factors.

Choose a tool by topic

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Community Commons
Community Commons
Community Commons

Community Health Needs Assessment (CHNA)

Full Health Indicators Report

**DEMOGRAPHICS**

Report Area: Scott County, KY

<table>
<thead>
<tr>
<th><strong>Demographics</strong></th>
<th><strong>Social &amp; Economic Factors</strong></th>
<th><strong>Physical Environment</strong></th>
<th><strong>Clinical Care</strong></th>
<th><strong>Health Behaviors</strong></th>
<th><strong>Health Outcomes</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Change in Total Population</td>
<td>Linguistically Isolated Households</td>
<td>Population under Age 18</td>
<td>Population Age 5-17</td>
<td>Population Geographic Mobility</td>
<td>Population with Limited English Proficiency</td>
</tr>
<tr>
<td>Population Age 0-4</td>
<td>Hispanic Population</td>
<td>Population Age 65+</td>
<td>Urban and Rural Population</td>
<td>Hispanic Population</td>
<td>Urban and Rural Population</td>
</tr>
<tr>
<td>Population Age 5-17</td>
<td>Population Age 65+</td>
<td>Urban and Rural Population</td>
<td>Urban and Rural Population</td>
<td>Hispanic Population</td>
<td>Urban and Rural Population</td>
</tr>
</tbody>
</table>

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.

**Total Population**

A total of 46,113 people live in the 281.69 square mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2011 5-year estimates. The population density for this area, estimated at 163.70 persons per square mile, is greater than the national average population density of 87 persons per square mile.

<table>
<thead>
<tr>
<th>Report Area</th>
<th>Total Population</th>
<th>Total Land Area (Square Miles)</th>
<th>Population Density (Per Square Mile)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scott County, KY</td>
<td>46,113</td>
<td>281.69</td>
<td>163.70</td>
</tr>
<tr>
<td>Kentucky</td>
<td>4,316,040</td>
<td>39,472.89</td>
<td>109.03</td>
</tr>
<tr>
<td>United States</td>
<td>318,346,360</td>
<td>3,530,997.66</td>
<td>87.66</td>
</tr>
</tbody>
</table>

Download Data

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Community Commons

Health Outcomes

Report Area: Scott County, KY

Demographics
- Accident Mortality
- Asthma Prevalence
- Breast Cancer Incidence
- Cancer Mortality
- Cervical Cancer Incidence
- Chlamydia Incidence
- Colon and Rectum Cancer Incidence
- Diabetes Prevalence
- Gonorrhea Incidence
- Heart Disease Mortality

Social & Economic Factors
- Heart Disease Prevalence
- HIV Prevalence
- Homicide
- Infant Mortality
- Low Birth Weight
- Lung Cancer Incidence
- Lung Disease Mortality
- Motor Vehicle Crash Death
- Obesity (Adult)
- Overweight (Adult)

Physical Environment

Clinical Care

Health Behaviors
- Pedestrian Motor Vehicle Death
- Poor Dental Health
- Poor General Health
- Population with Any Disability
- Premature Death
- Prostate Cancer Incidence
- Stroke Mortality
- Suicide

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 relationships may emerge, allowing a better understanding of how certain community health needs may be addressed.

Accident Mortality

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.

<table>
<thead>
<tr>
<th>Report Area</th>
<th>Total Population</th>
<th>Average Annual Deaths, 2006-2010</th>
<th>Crude Death Rate (Per 100,000 Pop.)</th>
<th>Age-Adjusted Death Rate, Accident Mortality (Per 100,000 Pop.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scott County, KY</td>
<td>44,514</td>
<td>15</td>
<td>33.03</td>
<td>36.69</td>
</tr>
<tr>
<td>Kentucky</td>
<td>4,284,446</td>
<td>2,445</td>
<td>57.06</td>
<td>56.88</td>
</tr>
<tr>
<td>United States</td>
<td>303,844,430</td>
<td>121,217</td>
<td>39.89</td>
<td>39.07</td>
</tr>
</tbody>
</table>

Download Data
Community Commons
Community Commons
Community Commons
Community Commons
Policy Map

- Initiative of The Reinvestment Fund
- Web based Geographic Information System
- Free access to many socio-economic indicators and some health indicators
- Subscription access:
  - Geocoding service
  - Reports
  - Data downloads
  - Adding sites to the map layers
- http://www.policymap.com/
Policy Map

GET SMART NOW.
The simplest, most comprehensive mapping tool on the web.
Policy Map
Policy Map
Policy Map
Policy Map
Policy Map

Estimated percent of all people that are living in poverty as of 2007-2011. 

- Percentage calculations were suppressed in cases where the denominator of the calculation was less than 10 of the units of observation (e.g., households, people, households, etc.). 
- Each pixel represented as having "insufficient data" in the map. 

Table: 

<table>
<thead>
<tr>
<th>Kentucky County</th>
<th>Percent of Residents in Poverty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jefferson</td>
<td>14.0%</td>
</tr>
<tr>
<td>Fayette</td>
<td>15.0%</td>
</tr>
</tbody>
</table>

Graph: 

- Bar chart showing the distribution of poverty percentages for different counties.

Source: Census Data (see data directory)
Policy Map

Estimated number of people living in poverty as of 2007-2011. 

<table>
<thead>
<tr>
<th>County</th>
<th>Estimated number of people living in poverty as of 2007-2011.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pike</td>
<td>14,200</td>
</tr>
<tr>
<td>McCracken</td>
<td>14,200</td>
</tr>
<tr>
<td>Taylor</td>
<td>14,370</td>
</tr>
<tr>
<td>Hardin</td>
<td>13,980</td>
</tr>
<tr>
<td>Shelby</td>
<td>4,077</td>
</tr>
<tr>
<td>Boyle</td>
<td>4,077</td>
</tr>
<tr>
<td>Union</td>
<td>4,607</td>
</tr>
<tr>
<td>Clinton</td>
<td>7,963</td>
</tr>
</tbody>
</table>

Legend:
- Change View:
  - Change Year: 00 01 02 03 04 05 06 07 08 09 10 11
  - OR: View Trends Across Years: 2000 - 2011
- Change Variable: Yr % Nigh
- Locations Found:
  - Location Areas: Kentucky (State)
  - Similar Keywords: Kentucky (State), Kentucky County Subdivisions, Kentucky County Subdivisions Map, All Kentucky Counties, My Custom Regions

Ranking:
- Kentucky (State)
  - See Values for Counties
  - Rank: 33 of 50 States

Source:
- Kentucky Public Health
- Prevent. Promote. Protect.
Policy Map
Health Landscape

- Sponsored by the Health Foundation of Greater Cincinnati and American Academy of Family Physicians
- Web based Geographic Information System
- Free access:
  - Geocoding service - batch of 200
  - Data downloads
  - Adding sites to the map layers
- [http://www.healthlandscape.org/](http://www.healthlandscape.org/)
Health Landscape

http://healthlandscape.org/
Health Landscape
Health Landscape
Health Landscape
Injury Data

www.safekentucky.org
Injury Data
Kentucky Cancer Registry

www.kcr.uky.edu
Kentucky Cancer Registry

Data visualization showing age-adjusted cancer incidence rates in Kentucky, with a focus on breast cancer from 2006 to 2010. The map displays the incidence rates across different counties, with a table listing the county-specific data such as population at risk, cases, crude rate, and age-adjusted rate.
Kentucky Public Health Data Resource Guide

- Includes information on 24 surveillance systems widely used in public health monitoring, evaluation and research.

Contact Information

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