

UPDATED 04/20/2010

KANSAS MULTI STATE LEARNING COLLABORATIVE PROJECT (MLC-3)

Health Indicators and Data Sources

Demographics				
Indicator	Definition	Source	Web site	Comments
Population by age	Estimated population resident in the jurisdiction by age group	U.S. Census Bureau (through KIC)	http://kic.kdhe.state.ks.us/kic/	Use same groups as KIC
Population by race	Estimated population resident in the jurisdiction by race	U.S. Census Bureau (through KIC)	http://kic.kdhe.state.ks.us/kic/	Use same groups as KIC
Population by ethnicity	Estimated population resident in the jurisdiction by ethnicity	U.S. Census Bureau (through KIC)	http://kic.kdhe.state.ks.us/kic/	Use same groups as KIC
Total age dependency ratio	Number of individuals aged below 15 or above 64 divided by the number of individuals aged 15 to 64, expressed as a percentage	U.S. Census Bureau (through KIC)	http://kic.kdhe.state.ks.us/kic/ http://en.wikipedia.org/wiki/Dependency_ratio	Measure not directly available. Formula inserted in worksheet.
Child age dependency ratio	Number of individuals aged below 15 divided by the number of individuals aged 15 to 64, expressed as a percentage	U.S. Census Bureau (through KIC)	http://kic.kdhe.state.ks.us/kic/ http://en.wikipedia.org/wiki/Dependency_ratio	Measure not directly available. Formula inserted in worksheet.
Elderly age dependency ratio	Number of individuals aged above 64 divided by the number of individuals aged 15 to 64, expressed as a percentage	U.S. Census Bureau (through KIC)	http://kic.kdhe.state.ks.us/kic/ http://en.wikipedia.org/wiki/Dependency_ratio	Measure not directly available. Formula inserted in worksheet.
Languages spoken at home	Number of people who report that they sometimes or always speak a language other than English at home	U.S. Census Bureau	http://quickfacts.census.gov/qfd/states/2000.html	Measure updated only every 10 years.
Single parent households	Percent of households run by a single parent with one or more of their own children under 18 years.	U.S. Census Bureau, through Kansas County Health Rankings	http://atlas.khi.org/cartto.php	

Education				
Indicator	Definition	Source	Web site	Comments
Drop out rate	All dropouts for grades 7 through 12 divided by the count of the enrollment from the same grades in that same enrollment year.	KS Department of Education	http://www.ksde.org/Default.aspx?tabid=223	Run county report -> K12 statistics
Free and reduced lunches	Percentage of Students Approved for Free and Reduced-Price Lunches	KS Department of Education	http://www.ksde.org/Default.aspx?tabid=223	Run county report -> K12 statistics
School enrollment by race and ethnicity	Count of students K-12 by race and ethnicity	KS Department of Education	http://www.ksde.org/Default.aspx?tabid=223	Run county report -> K12 statistics . Use total column from KSDE report. Adding up each race per grade will not give the correct totals (as some students did not report race).
No High School Diploma	Percentage of the population over age 25 that does not have a high school diploma.	U.S. Census Bureau, through Kansas County Health Rankings	http://atlas.khi.org/carto.php	

Economic Status				
Indicator	Definition	Source	Web site	Comments
Median household income	Self-reported money income received in the calendar year by all household members 15 years old and over.	U.S. Census Bureau	http://quickfacts.census.gov/qfd/states/2000.html	many people underreport their income.
All ages in poverty	Percent of people who were in poverty	U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE)	http://www.census.gov/did/www/saipe/index.html	Also available at http://atlas.khi.org/carto.php
Under age 18 in poverty	Percent of people under age 18 who were in poverty	U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE)	http://www.census.gov/did/www/saipe/index.html	Also available at http://atlas.khi.org/carto.php
Unemployment rate	Civilian population age 15 years and older that is seeking work	Current Population Survey (CPS) through Kansas County Health Rankings	http://atlas.khi.org/carto.php	Also available at http://www.bls.gov/lau/tables.htm
WIC participation rate	Number of individuals assisted by WIC (women, Infants and Children) program	File from KHI	N/A	Limited availability of data, KHI has an excel file with WIC participation rate by county in April 2009 only.

Maternal and Child Health (MCH)				
Indicator	Definition	Source	Web site	Comments
Birth Rate	Number of births divided by the total population	Kansas Annual Summary of Vital Statistics, 2008	http://www.kdheks.gov/hci/as/2008/AS_2008.pdf	Usually expressed as a rate per 1,000 population.
Low birth weight	Percentage of all births less than 2,500 grams.	State Vitals Statistics	http://kic.kdhe.state.ks.us/kic/	Also available at http://atlas.khi.org/carto.php and http://communityhealth.hhs.gov/HomePage.aspx .
Teen pregnancy rate	Percentage of all births to mothers 15-19 years of age.	State Vitals Statistics	http://kic.kdhe.state.ks.us/kic/	Also available at http://communityhealth.hhs.gov/HomePage.aspx . Other definitions of teen pregnancy also exist.
Births to unmarried women	Percentage of all births to mothers who report not being married.	State Vitals Statistics	http://kic.kdhe.state.ks.us/kic/	Also available at http://communityhealth.hhs.gov/HomePage.aspx .
Early prenatal care	Prenatal care began in first trimester of pregnancy	State Vitals Statistics	http://kic.kdhe.state.ks.us/kic/	Also available at http://atlas.khi.org/carto.php and http://communityhealth.hhs.gov/HomePage.aspx .
Infant mortality rate	Death of an individual less than one year old from any cause. Usually expressed as a rate per 1,000 live births.	Community Health Status Indicators (CHSI)	http://communityhealth.hhs.gov/HomePage.aspx	
White non Hispanic Infant Mortality	Infant mortality among white babies	Community Health Status Indicators (CHSI)	http://communityhealth.hhs.gov/HomePage.aspx	
Black non Hispanic Infant Mortality	Infant mortality among black babies	Community Health Status Indicators (CHSI)	http://communityhealth.hhs.gov/HomePage.aspx	
Hispanic Infant Mortality	Infant mortality among Hispanic babies	Community Health Status Indicators (CHSI)	http://communityhealth.hhs.gov/HomePage.aspx	
Infant mortality disparity ratio	Ratio of black to white and Hispanic to white infant mortality rates	--	--	Important indicator of racial health disparities. It can be calculated from the race-specific infant mortality rates.

Mortality				
Indicator	Definition	Source	Web site	Comments
Overall death rate (crude and age-adjusted)	Number of deaths per 100,000 resident population	State Vitals Statistics	http://kic.kdhe.state.ks.us/kic/	
Leading causes of death	Five leading causes of death ranked by cause specific rate per 100,000	State Vitals Statistics	http://kic.kdhe.state.ks.us/kic/	Rank cause specific rates from highest to lowest
Breast cancer death rate	This is a measure of breast cancer mortality and the inadequacy of breast cancer screenings in a county.	Kansas County Health Rankings	http://atlas.khi.org/cartto.php	The rate is age-adjusted to the 2000 U.S. population to allow comparison between counties, and reported as a rate per 100,000 people (both female and male).
Years of potential life lost	The numerical difference between a predetermined end point age (usually age 75) and the age at death for deaths that occurred prior to that end point age. The potential years of life lost (YPLL) are summed to represent the total years of potential life lost for that area.	Kansas County Health Rankings	http://atlas.khi.org/cartto.php	This is a measure of premature mortality in a county. Every death occurring before the age of 75 contributes to the total number of years of potential life lost. The YPLL is age-adjusted to the 2000 U.S. population to allow comparison between counties, and reported as a rate per 1,000 people.
Deaths from motor vehicle accidents	Number of deaths from motor vehicle accidents per 100,000 population (age-adjusted)	State Vitals Statistics	http://kic.kdhe.state.ks.us/kic/	The rate is age-adjusted to the 2000 U.S. population to allow comparison between counties. Information may be available only for larger counties.

Health Behaviors				
Indicator	Definition	Source	Web site	Comments
Percentage of adults who are current smokers.	Percentage of adults that report having smoked at least 100 cigarettes in their lifetime and that they currently smoke.	Kansas County Health Rankings	http://atlas.khi.org/cartto.php	
Smoking during pregnancy	Percentage of the women in the population who report that they smoked during their pregnancy.	Kansas County Health Rankings	http://atlas.khi.org/cartto.php	This information is recorded in the birth certificate. Also available at http://kic.kdhe.state.ks.us/kic/
Physical inactivity	Percentage of adults who are not physically active.	Kansas County Health Rankings	http://atlas.khi.org/cartto.php	This is a combination of two measures. 1. The percentage of the adults reporting that they had no leisure time exercise in past month, and 2. The percentage of the adults that report levels of activity that do not meet the recommended levels of moderate or vigorous physical activity.
Obesity rate	Percentage of adults who are overweight or obese	BRFSS-KDHE, through Kansas County Health Rankings	http://atlas.khi.org/cartto.php	This is a combination of two measures. 1. Overweight: the percentage of adults that have a body mass index (weight in kilograms divided by height in meters squared) greater than or equal to 25 kg/m ² . 2. Obesity: the percentage of adults that has a body mass index greater than or equal to 30 kg/m ² .

Binge drinking	Percentage of adults that drink five or more alcoholic beverages in one day, at least once per month.	Kansas County Health Rankings	http://atlas.khi.org/cartto.php	Starting from 2006, Binge Drinking is defined as 5 or more drinks on an occasion for men, and 4 or more drinks for women.
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Disease and Poor Health				
Indicator	Definition	Source	Web site	Comments
General Health Status: Fair or Poor.	Percentage of adults reporting fair or poor health.	BRFSS-KDHE, through Kansas County Health Rankings	http://atlas.khi.org/cartto.php	This is a measure of self-reported healthrelated quality of life in a population. This measure is based on answers to the question, "In general, would you say that your health is excellent, very good, good, fair, or poor?" This measure is age-adjusted to the 2000 U.S. population.
Sexually Transmitted Disease	Average annual number of reported cases of Chlamydia, gonorrhea, and syphilis, expressed as a crude rate per 100,000 in the population.	KDHE, through Kansas County Health Rankings	http://atlas.khi.org/cartto.php	The reported rate is not age-adjusted.

Violence and Injuries				
Indicator	Definition	Source	Web site	Comments
Violent Crime	Average annual number of reported violent crimes per 100,000 adults in the population.	Kansas Bureau of Investigation (KBI), through Kansas County Health Rankings	http://atlas.khi.org/cartto.php	Crimes that are defined as violent are offenses that involved face-to-face confrontation between victim and perpetrator, including murder, rape, robbery, and aggravated assault/battery.
Seat belt use	Percentage of adults that do not answer "Always" to the question of wearing the seatbelt when driving or riding in a car.	BRFSS-KDHE, through Kansas County Health Rankings	http://atlas.khi.org/cartto.php	
Suicide - all ages	Deaths from suicide	State Vitals Statistics	http://kic.kdhe.state.ks.us/kic/	
Suicide - adolescents	Deaths from suicide	State Vitals Statistics	http://kic.kdhe.state.ks.us/kic/	Information may be available only for larger counties.

Access				
Indicator	Definition	Source	Web site	Comments
Percentage of uninsured	Percentage of the population under 65 years of age (including children) reporting that they do not have health insurance coverage of any kind.	U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE)	http://www.census.gov/did/www/saipe/index.html	Also available at http://atlas.khi.org/carto.php
Primary Care Physicians ratio	Population of the county divided by the number of Primary Care Providers whose principal practices are located in that county.	KDHE - KIC FastStats	http://www.dhe.state.ks.us/kic/County_Profile/County_Profile.aspx	Listed under the "County rate/ratio" column
No Dental Visit in Past Year	Percentage of the adults that reports that they did not see a dentist in the year prior to being interviewed.	BRFSS-KDHE, through Kansas County Health Rankings	http://atlas.khi.org/carto.php	
No Influenza Vaccine In Past Year	Percentage of adults that reports they did not receive an influenza vaccine in the year prior to being interviewed.	BRFSS-KDHE, through Kansas County Health Rankings	http://atlas.khi.org/carto.php	

Environment

Environment				
Indicator	Definition	Source	Web site	Comments
Housing with Increased Lead Risk	Percentage of housing units that were built before 1950.	U.S. Census Bureau, through Kansas County Health Rankings	http://atlas.khi.org/cartto.php	Residents of these units are more likely to be exposed to lead paint.
Nitrate and Coliform Levels in Water	Percentage of the county population that are affected by the nitrate or coliform Maximum Contaminant Level (MCL) violations	Bureau of Water, KDHE, through Kansas County Health Rankings	http://atlas.khi.org/cartto.php	Excluded violations that are administrative or procedural, and violations related to MCL violation of other chemicals.
Secondhand Smoking	Percentage of adults that state that smoking is allowed at home or have no rule about smoking at home.	BRFSS-KDHE, through Kansas County Health Rankings	http://atlas.khi.org/cartto.php	