

Illinois Adolescent Health County Rankings

Illinois Department of Public Health
Office of Women's Health and Family Services
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Adolescence represents a time period of immense physical, intellectual, social, and emotional growth.

Adolescents develop health behaviors that establish patterns in adulthood and affect overall life course trajectories.

Research has shown adverse childhood experiences during adolescence lead to poorer health outcomes among adults, and other health events beginning during adolescence (injuries, mental illnesses, poor dietary habits, and risky sexual behaviors) all have consequences that extend into adulthood.¹

Within Illinois, there are more than 1.6 million adolescents (ages 10 through 19), who make up more than 12 percent of the state's population.² The counties with the highest percentage of teenagers are largely rural. The needs and specific health problems of teens living in rural areas differ significantly from those of teens living in urban and suburban environments.³ Most public health datasets are only available at the state-level and it can be difficult for local health departments to obtain data specific to their county.⁴

This report provides information on a composite index developed by the Illinois Department of Public Health Office of Women's Health and Family Services to quantify and rank adolescent health across Illinois' counties. The adolescent health county rankings were based upon methodologies of other similar county rankings (such as those from the Robert Wood Johnson Foundation) but are specifically focused on indicators related to adolescent health. The intent of the adolescent health county rankings is to help local health departments, health systems, and other organizations assess and respond to the needs of adolescents within their jurisdictions.

¹ Patton, G. C., Sawyer, S. M., Santelli, J. S., Ross, D. A., Afifi, R., Allen, N. B., ... Viner, R. M. (2016). Our future: A Lancet commission on adolescent health and wellbeing. *The Lancet*, 387(10036), 2423–2478.

² U.S. Census Bureau, Population Division. (2019a). Annual estimates of the resident population for selected age groups by sex for the United States. Retrieved from:
<https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkml>

³ Miller, B., Baptist, J., & Johannes, E. (2018). Health needs and challenges of rural adolescents. *Rural and Remote Health*, 18(3), 4325. Retrieved from: <https://www.ncbi.nlm.nih.gov/pubmed/30070896>

⁴ Castrucci, B. C., Rhoades, E. K., Leider, J. P., & Hearne, S. (2015). What gets measured gets done: an assessment of local data uses and needs in large urban health departments. *Journal of public health management and practice: JPHMP*, 21 Suppl 1(Suppl 1), S38–S48. doi:10.1097/PHH.0000000000000169

Creating Adolescent Health County Rankings

To create an overall measurement of adolescent health in each county, we conducted an extensive literature review of studies focused on adolescent health from the last five years. This identified themes, topics, and outcomes of importance for describing adolescent health. Specific indicators measuring these themes and topics were identified based on available data sources. Final selection of measures was based upon several factors, including availability of county-level data or a reliable method for synthetic estimation of county data, importance of indicator to adolescent health, and ensuring a broad array of topics and data sources were represented in the index.

We ultimately chose to develop an adolescent health index with two main themes: social determinants of adolescent health and adolescent health status. Within each theme, there were four topics selected; within each topic, there were three indicators selected for inclusion in the final composite index. This resulted in a total of 24 indicators in the adolescent health county ranking index, with 12 indicators each representing each of the two themes (see table below). More information about the specific indicators used is available on the next page.

Table 1. Themes, Topics, and Indicators included in the Adolescent Health Index

Social Determinants of Adolescent Health			
Family and Community	Education	Health Service Utilization	Health Care Access
Poverty rate	Four-year graduation rate	Adolescent well visits	Primary care physicians supply
Single-parent households	Math proficiency	Preventative dental visits	Mental health providers supply
Violent crime rate	English language arts proficiency	Services for transition to adult health care	No gaps in insurance coverage

Adolescent Health Status			
Physical Health	Mental Health	Reproductive Health	Injury & Mortality
Parent rating of overall health	Depression and anxiety	Teen birth rate	Overall adolescent mortality rate
Overweight / obesity	Self-harm-related emergency department visits	Chlamydia rate	Emergency department visits for transportation-related injuries
Asthma-related emergency department visits	Opioid overdose emergency department visits	Gonorrhea rate	Homicide rate

To create the county rankings, a statistic called the z-score was calculated for each county for each of the 24 indicators. Z-scores are a measure of how much a county's value for an indicator varies from the mean across all counties. The z-scores were summed across all 24 indicators to get an overall z-score for adolescent health in each

county. Counties were then ranked according to z-score and split into five ranked groups (quintiles). The z-scores were also summed within the two themes and eight topics to allow rankings on more specific adolescent health issues.

Table 2. Details about 24 Data Indicators Used in Adolescent Health Index

Theme	Topic	Indicator	Source	Population	Year(s)
Social Determinants of Adolescent Health	Family and Community	Poverty	ACS	Ages 12-17	2014-2018
		Single-Parent Headed Households	ACS	Ages 6-17	2014-2018
		Violent Crime Rate	RWJF	All Ages	2014 & 2016
	Education	Four-Year Graduation Rate	ISBE	Grades 6-12	2018
		Math Proficiency	ISBE	Grades 6-12	2018
		English Language Arts Proficiency	ISBE	Grades 6-12	2018
	Health Service Utilization	Adolescent Well Visit within Last Year	NSCH	Ages 12-17	2016-2018
		Preventative Dental Visit within Last Year	NSCH	Ages 12-17	2016-2018
		Services for Transition to Adult Health Care	NSCH	Ages 12-17	2016-2018
	Health Care Access	Primary Care Physician Supply	RWJF	All Ages	2017
		Mental Health Provider Supply	RWJF	All Ages	2019
		No Gaps in Insurance Coverage	NSCH	Ages 12-17	2014-2016
Adolescent Health Status	Physical Health	Parent-Rating of Overall Health	NSCH	Ages 12-17	2016-2018
		Overweight/Obesity	NSCH	Ages 12-17	2016-2018
		Asthma Emergency Department Visits	HDD	Ages 10-19	2016-2018
	Mental Health	Current Diagnosis of Depression and/or Anxiety	NSCH	Ages 12-17	2016-2018
		Self-Harm-Related Emergency Department Visits	HDD	Ages 12-17	2016-2018
		Opioid Overdose Emergency Department Visits	HDD	All Ages	2018
	Reproductive Health	Teen Birth Rate	BC	Females 15-19	2014-2018
		Chlamydia Rate	STI	Females 15-19	2014-2018
		Gonorrhea Rate	STI	Females 15-19	2014-2018
	Injury and Mortality	Adolescent and Young Adult Overall Mortality	DC	Ages 10-24	2009-2018
		Transportation-Related Emergency Department Visits	HDD	Ages 10-19	2016-2018
		Adolescent and Young Adult Homicide Rate	DC	Ages 10-24	2009-2018

- ACS American Community Survey
- BC Illinois Birth Certificates
- DC Illinois Death Certificates
- HDD Illinois Hospital Discharge Data
- ISBE Illinois State Board of Education State Report Card
- NSCH National Survey of Children's Health
- RWJF Robert Wood Johnson Foundation County Health Rankings
- STI IDPH Sexually Transmitted Infections Program Data

The ranked groups for the overall adolescent health index, two themes, and eight topics are shown on the following pages. The composite z-scores are intended to provide an assessment of various aspects of adolescent health and to help local health departments understand how their jurisdiction compares to the rest of the state. Z-scores in and of themselves have no practical meaning, so only the ranked groups are shown rather than the actual value of the z-score. Ranking groups are intended to provide a snapshot of adolescent health for each county compared to other counties throughout the state, highlighting areas for improvement and identifying peer counties.

Illinois Adolescent Health County Rankings

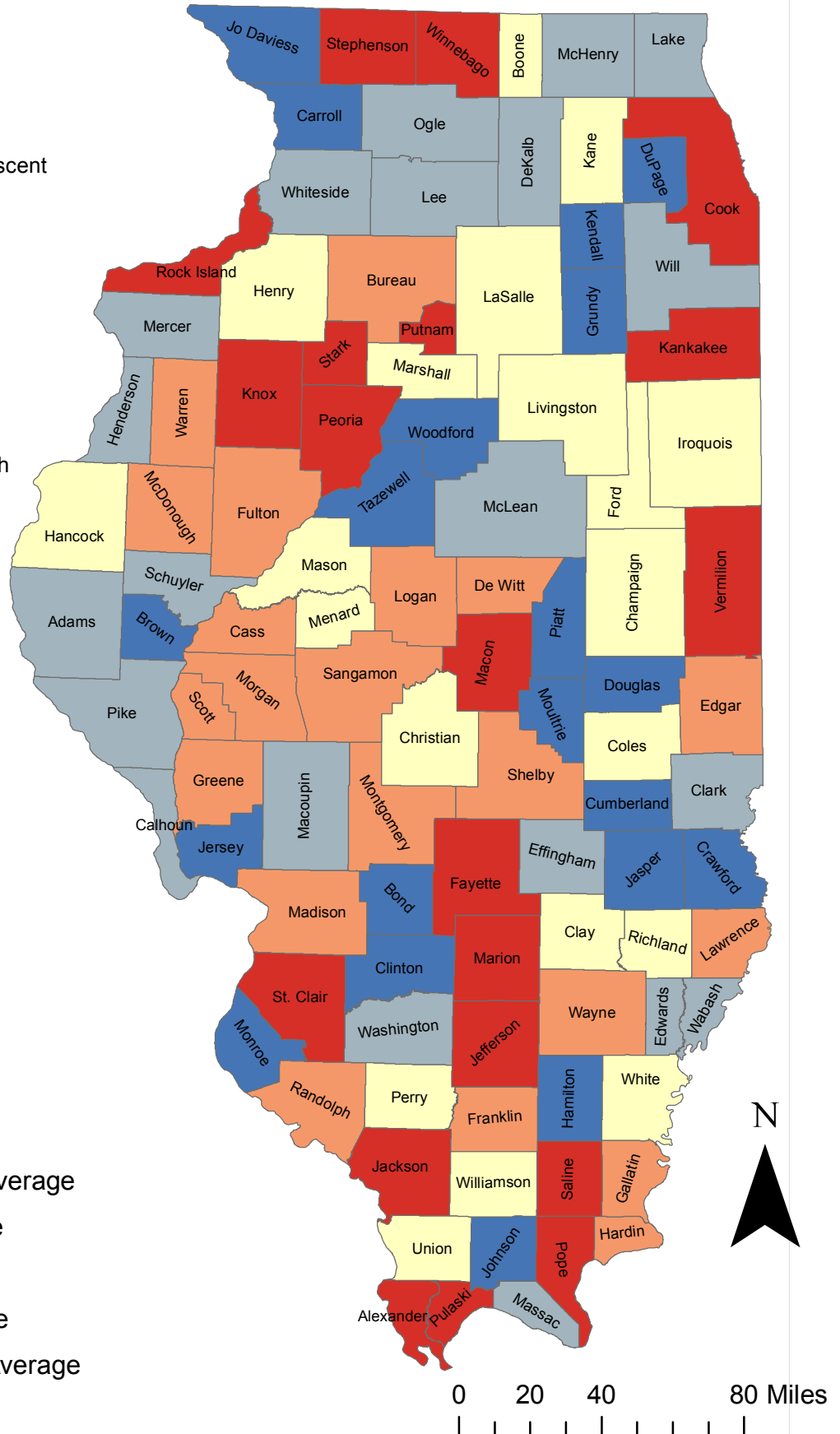
Overall Adolescent Health Index

Measure Description

The Adolescent Health Index is comprised of 24 indicators related to the social determinants of adolescent health and various aspects of adolescent health status.

Data Sources

American Community Survey
 Illinois Birth Certificates
 Illinois Death Certificates
 Illinois Hospital Discharge Data
 Illinois State Board of Education
 Illinois STI Program Data
 National Survey of Children's Health
 RWJF County Health Rankings



Illinois Adolescent Health County Rankings

Overall Adolescent Health Index

Much Better than Average

Bond	Brown	Carroll	Clinton	Crawford
Cumberland	Douglas	DuPage	Grundy	Hamilton
Jasper	Jersey	Jo Daviess	Johnson	Kendall
Monroe	Moultrie	Piatt	Tazewell	Woodford

Better than Average

Adams	Calhoun	Clark	DeKalb	Edwards
Effingham	Henderson	Lake	Lee	Macoupin
Massac	McHenry	McLean	Mercer	Ogle
Pike	Schuyler	Wabash	Washington	Whiteside
Will				

Average

Boone	Champaign	Christian	Clay	Coles
Ford	Hancock	Henry	Iroquois	Kane
LaSalle	Livingston	Marshall	Mason	Menard
Perry	Richland	Union	White	Williamson

Worse than Average

Bureau	Cass	DeWitt	Edgar	Franklin
Fulton	Gallatin	Greene	Hardin	Lawrence
Logan	Madison	McDonough	Montgomery	Morgan
Randolph	Sangamon	Scott	Shelby	Warren
Wayne				

Much Worse than Average

Alexander	Cook	Fayette	Jackson	Jefferson
Kankakee	Knox	Macon	Marion	Peoria
Pope	Pulaski	Putnam	Rock Island	Saline
St. Clair	Stark	Stephenson	Vermilion	Winnebago

Illinois Adolescent Health County Rankings

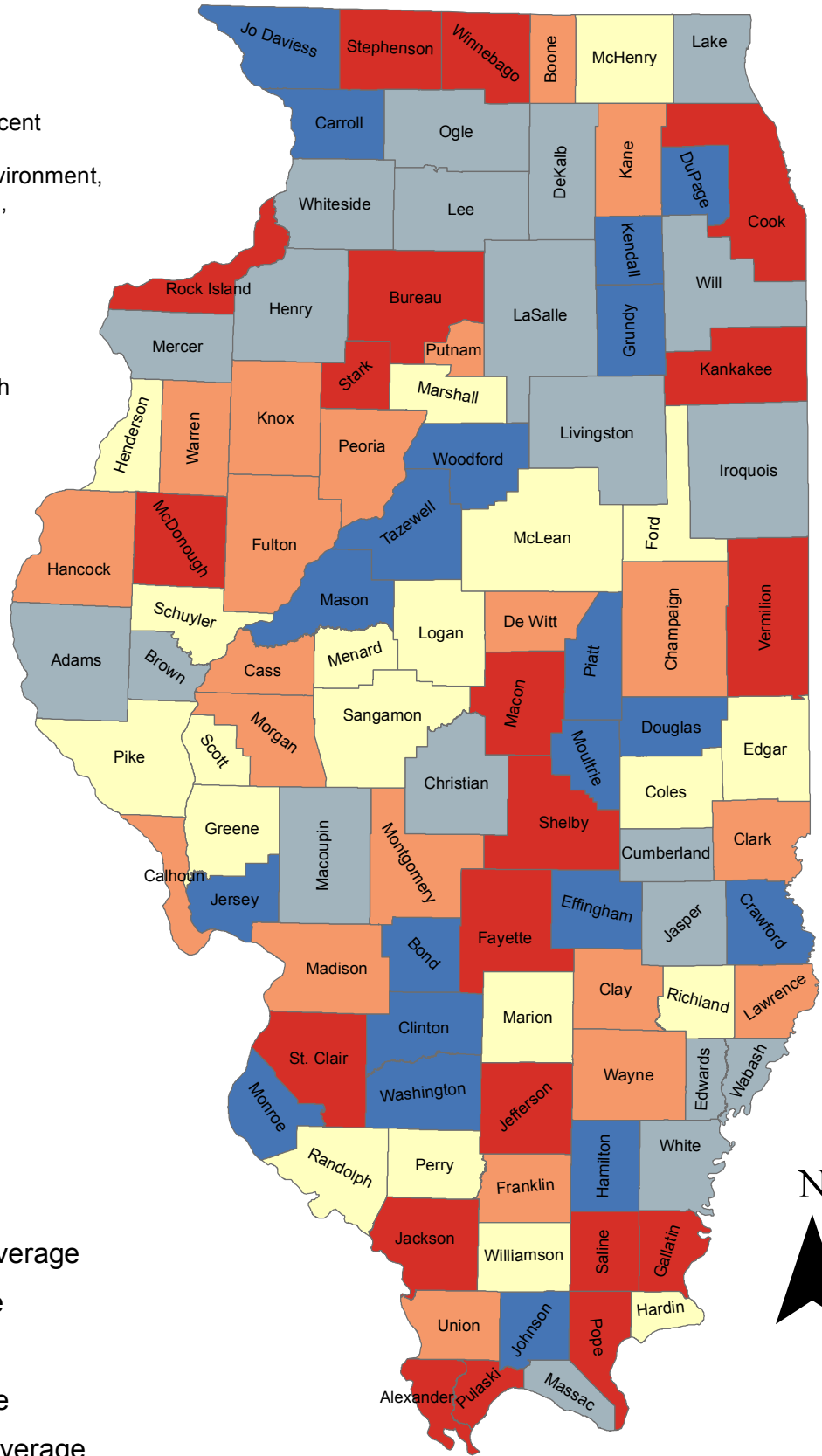
Social Determinants of Adolescent Health

Measure Description

The Social Determinants of Adolescent Health Index is comprised of 12 indicators related to community environment, education, health service utilization, and health care access.

Data Sources

American Community Survey
Illinois State Board of Education
National Survey of Children's Health
RWJF County Health Rankings



Legend

- Much Better Than Average
- Better Than Average
- Average
- Worse Than Average
- Much Worse Than Average

0 20 40 80 Miles



Illinois Adolescent Health County Rankings

Social Determinants of Adolescent Health

Much Better than Average

Bond	Carroll	Clinton	Crawford	Douglas
DuPage	Effingham	Grundy	Hamilton	Jersey
Jo Daviess	Johnson	Kendall	Mason	Monroe
Moultrie	Piatt	Tazewell	Washington	Woodford

Better than Average

Adams	Brown	Christian	Cumberland	DeKalb
Edwards	Henry	Iroquois	Jasper	Lake
LaSalle	Lee	Livingston	Macoupin	Massac
Mercer	Ogle	Wabash	White	Whiteside
Will				

Average

Coles	Edgar	Ford	Greene	Hardin
Henderson	Logan	Marion	Marshall	McHenry
McLean	Menard	Perry	Pike	Randolph
Richland	Sangamon	Schuyler	Scott	Williamson

Worse than Average

Boone	Calhoun	Cass	Champaign	Clark
Clay	DeWitt	Franklin	Fulton	Hancock
Kane	Knox	Lawrence	Madison	Montgomery
Morgan	Peoria	Putnam	Union	Warren
Wayne				

Much Worse than Average

Alexander	Bureau	Cook	Fayette	Gallatin
Jackson	Jefferson	Kankakee	Macon	McDonough
Pope	Pulaski	Rock Island	Saline	Shelby
St. Clair	Stark	Stephenson	Vermilion	Winnebago

Illinois Adolescent Health County Rankings

Social Determinants of Adolescent Health

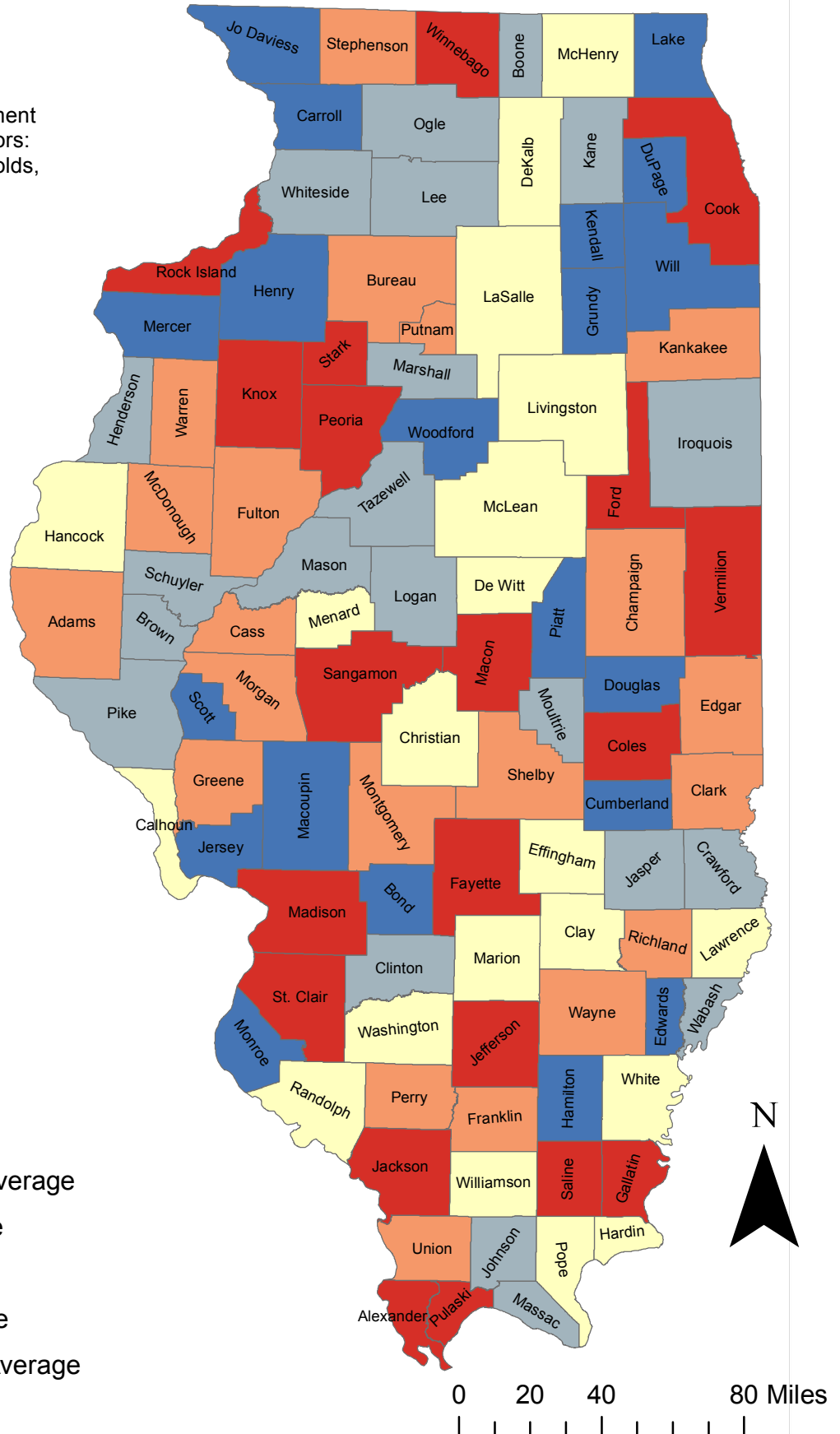
Family & Community Environment

Measure Description

The Family & Community Environment Index is comprised of three indicators: poverty rate, single-parent households, and violent crime rate.

Data Sources

American Community Survey
RWJF County Health Rankings



Illinois Adolescent Health County Rankings

Social Determinants of Adolescent Health

Family & Community Environment

Much Better than Average

Bond	Carroll	Cumberland	Douglas	DuPage
Edwards	Grundy	Hamilton	Henry	Jersey
Jo Daviess	Kendall	Lake	Macoupin	Mercer
Monroe	Piatt	Scott	Will	Woodford

Better than Average

Boone	Brown	Clinton	Crawford	Henderson
Iroquois	Jasper	Johnson	Kane	Lee
Logan	Marshall	Mason	Massac	Moultrie
Ogle	Pike	Schuyler	Tazewell	Wabash
Whiteside				

Average

Calhoun	Christian	Clay	DeKalb	DeWitt
Effingham	Hancock	Hardin	LaSalle	Lawrence
Livingston	Marion	McHenry	McLean	Menard
Pope	Randolph	Washington	White	Williamson

Worse than Average

Adams	Bureau	Cass	Champaign	Clark
Edgar	Franklin	Fulton	Greene	Kankakee
McDonough	Montgomery	Morgan	Perry	Putnam
Richland	Shelby	Stephenson	Union	Warren
Wayne				

Much Worse than Average

Alexander	Coles	Cook	Fayette	Ford
Gallatin	Jackson	Jefferson	Knox	Macon
Madison	Peoria	Pulaski	Rock Island	Saline
Sangamon	St. Clair	Stark	Vermilion	Winnebago

Illinois Adolescent Health County Rankings

Social Determinants of Adolescent Health

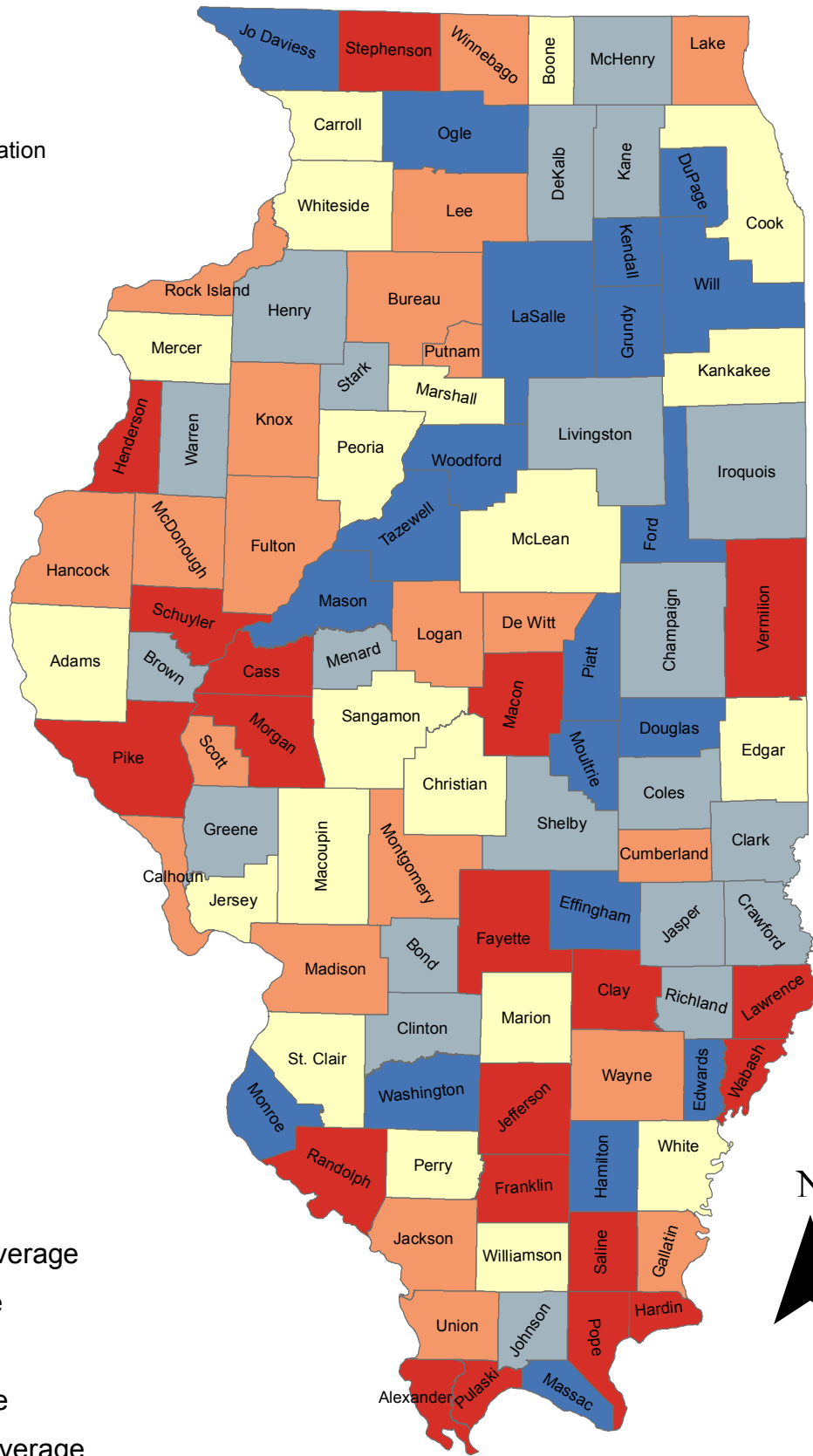
Education

Measure Description

The Education Index is comprised of three indicators: four-year graduation rate, grade 6-12 math proficiency, and grade 6-12 english language arts proficiency.

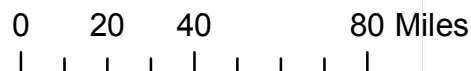
Data Sources

Illinois State Board of Education



Legend

- Much Better Than Average
- Better Than Average
- Average
- Worse Than Average
- Much Worse Than Average



Illinois Adolescent Health County Rankings

Social Determinants of Adolescent Health *Education*

Much Better than Average

Douglas	DuPage	Edwards	Effingham	Ford
Grundy	Hamilton	Jo Daviess	Kendall	LaSalle
Mason	Massac	Monroe	Moultrie	Ogle
Piatt	Tazewell	Washington	Will	Woodford

Better than Average

Bond	Brown	Champaign	Clark	Clinton
Coles	Crawford	DeKalb	Greene	Henry
Iroquois	Jasper	Johnson	Kane	Livingston
McHenry	Menard	Richland	Shelby	Stark
Warren				

Average

Adams	Boone	Carroll	Christian	Cook
Edgar	Jersey	Kankakee	Macoupin	Marion
Marshall	McLean	Mercer	Peoria	Perry
Sangamon	St. Clair	White	Whiteside	Williamson

Worse than Average

Bureau	Calhoun	Cumberland	DeWitt	Fulton
Gallatin	Hancock	Jackson	Knox	Lake
Lee	Logan	Madison	McDonough	Montgomery
Putnam	Rock Island	Scott	Union	Wayne
Winnebago				

Much Worse than Average

Alexander	Cass	Clay	Fayette	Franklin
Hardin	Henderson	Jefferson	Lawrence	Macon
Morgan	Pike	Pope	Pulaski	Randolph
Saline	Schuyler	Stephenson	Vermilion	Wabash

Illinois Adolescent Health County Rankings

Social Determinants of Adolescent Health

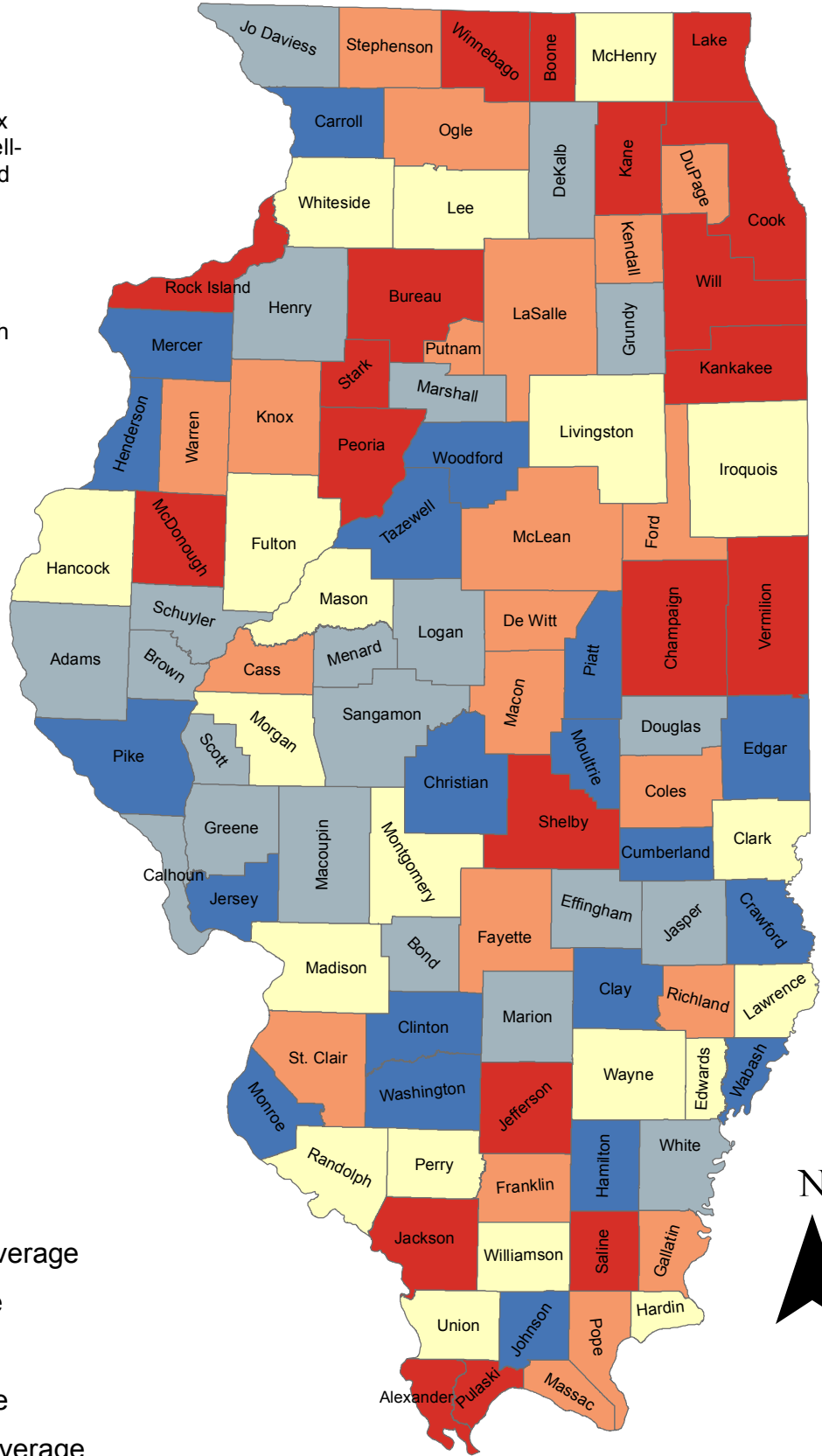
Health Service Utilization

Measure Description

The Health Service Utilization Index is comprised of three indicators: well-visits, preventative dental visits, and services for transitioning to adult health care.

Data Sources

National Survey of Children's Health



Legend

- Much Better Than Average
- Better Than Average
- Average
- Worse Than Average
- Much Worse Than Average



Illinois Adolescent Health County Rankings

Social Determinants of Adolescent Health *Health Service Utilization*

Much Better than Average

Carroll	Christian	Clay	Clinton	Crawford
Cumberland	Edgar	Hamilton	Henderson	Jersey
Johnson	Mercer	Monroe	Moultrie	Piatt
Pike	Tazewell	Wabash	Washington	Woodford

Better than Average

Adams	Bond	Brown	Calhoun	DeKalb
Douglas	Effingham	Greene	Grundy	Henry
Jasper	Jo Daviess	Logan	Macoupin	Marion
Marshall	Menard	Sangamon	Schuyler	Scott
White				

Average

Clark	Edwards	Fulton	Hancock	Hardin
Iroquois	Lawrence	Lee	Livingston	Madison
Mason	McHenry	Montgomery	Morgan	Perry
Randolph	Union	Wayne	Whiteside	Williamson

Worse than Average

Cass	Coles	DeWitt	DuPage	Fayette
Ford	Franklin	Gallatin	Kendall	Knox
LaSalle	Macon	Massac	McLean	Ogle
Pope	Putnam	Richland	St. Clair	Stephenson
Warren				

Much Worse than Average

Alexander	Boone	Bureau	Champaign	Cook
Jackson	Jefferson	Kane	Kankakee	Lake
McDonough	Peoria	Pulaski	Rock Island	Saline
Shelby	Stark	Vermilion	Will	Winnebago

Illinois Adolescent Health County Rankings

Social Determinants of Adolescent Health

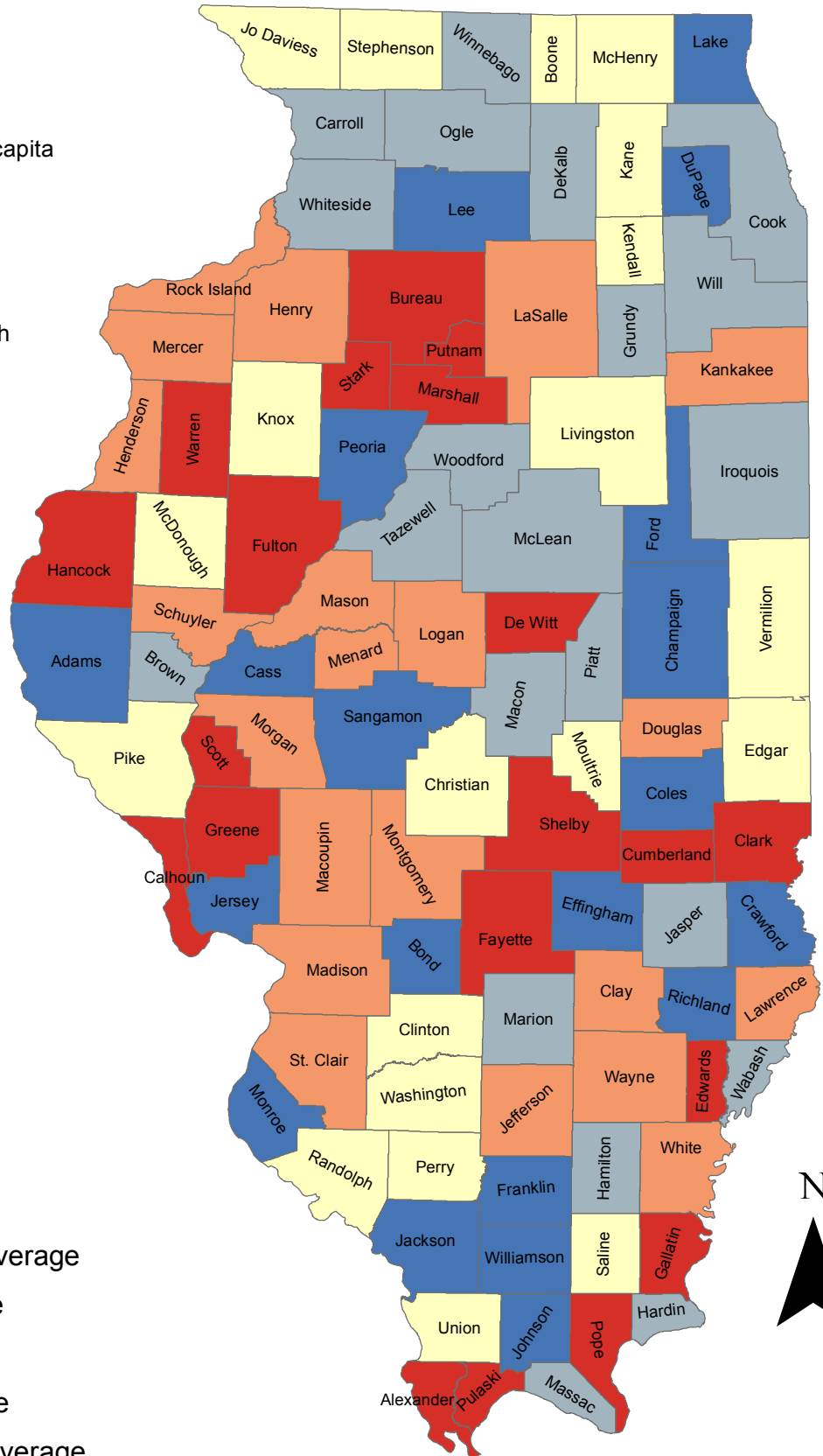
Health Care Access

Measure Description

The Health Care Access Index is comprised of three indicators: per capita primary care physicians, per capita dentists, and adolescents with no gaps in insurance coverage.

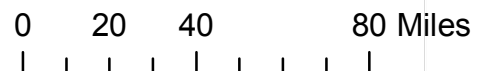
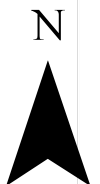
Data Sources

National Survey of Children's Health
RWJF County Health Rankings



Legend

- Much Better Than Average
- Better Than Average
- Average
- Worse Than Average
- Much Worse Than Average



Illinois Adolescent Health County Rankings

Social Determinants of Adolescent Health *Health Care Access*

Much Better than Average

Adams	Bond	Cass	Champaign	Coles
Crawford	DuPage	Effingham	Ford	Franklin
Jackson	Jersey	Johnson	Lake	Lee
Monroe	Peoria	Richland	Sangamon	Williamson

Better than Average

Brown	Carroll	Cook	DeKalb	Grundy
Hamilton	Hardin	Iroquois	Jasper	Macon
Marion	Massac	McLean	Ogle	Piatt
Tazewell	Wabash	Whiteside	Will	Winnebago
Woodford				

Average

Boone	Christian	Clinton	Edgar	Jo Daviess
Kane	Kendall	Knox	Livingston	McDonough
McHenry	Moultrie	Perry	Pike	Randolph
Saline	Stephenson	Union	Vermilion	Washington

Worse than Average

Clay	Douglas	Henderson	Henry	Jefferson
Kankakee	LaSalle	Lawrence	Logan	Macoupin
Madison	Mason	Menard	Mercer	Montgomery
Morgan	Rock Island	Schuyler	St. Clair	Wayne
White				

Much Worse than Average

Alexander	Bureau	Calhoun	Clark	Cumberland
DeWitt	Edwards	Fayette	Fulton	Gallatin
Greene	Hancock	Marshall	Pope	Pulaski
Putnam	Scott	Shelby	Stark	Warren

Illinois Adolescent Health County Rankings

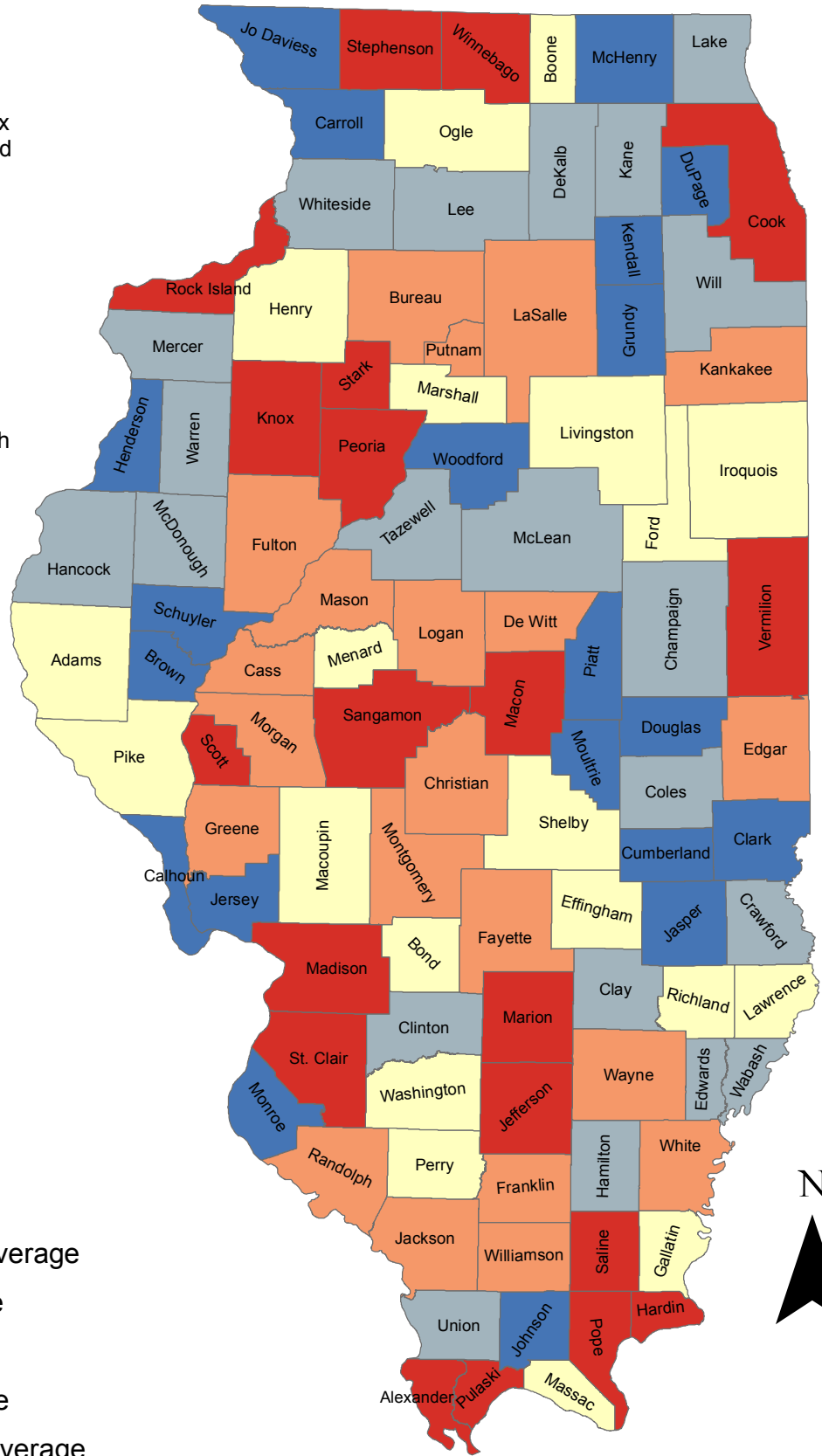
Adolescent Health Status

Measure Description

The Adolescent Health Status Index is comprised of 12 indicators related to physical health, mental health, reproductive health, injury, and overall mortality.

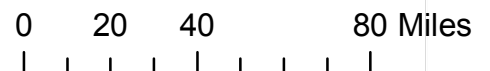
Data Sources

Illinois Birth Certificates
 Illinois Death Certificates
 Illinois Hospital Discharge Data
 Illinois STI Program Data
 National Survey of Children's Health



Legend

- Much Better Than Average
- Better Than Average
- Average
- Worse Than Average
- Much Worse Than Average



Illinois Adolescent Health County Rankings

Adolescent Health Status

Much Better than Average

Brown	Calhoun	Carroll	Clark	Cumberland
Douglas	DuPage	Grundy	Henderson	Jasper
Jersey	Jo Daviess	Johnson	Kendall	McHenry
Monroe	Moultrie	Piatt	Schuyler	Woodford

Better than Average

Champaign	Clay	Clinton	Coles	Crawford
DeKalb	Edwards	Hamilton	Hancock	Kane
Lake	Lee	McDonough	McLean	Mercer
Tazewell	Union	Wabash	Warren	Whiteside
Will				

Average

Adams	Bond	Boone	Effingham	Ford
Gallatin	Henry	Iroquois	Lawrence	Livingston
Macoupin	Marshall	Massac	Menard	Ogle
Perry	Pike	Richland	Shelby	Washington

Worse than Average

Bureau	Cass	Christian	DeWitt	Edgar
Fayette	Franklin	Fulton	Greene	Jackson
Kankakee	LaSalle	Logan	Mason	Montgomery
Morgan	Putnam	Randolph	Wayne	White
Williamson				

Much Worse than Average

Alexander	Cook	Hardin	Jefferson	Knox
Macon	Madison	Marion	Peoria	Pope
Pulaski	Rock Island	Saline	Sangamon	Scott
St. Clair	Stark	Stephenson	Vermilion	Winnebago

Illinois Adolescent Health County Rankings

Adolescent Health Status

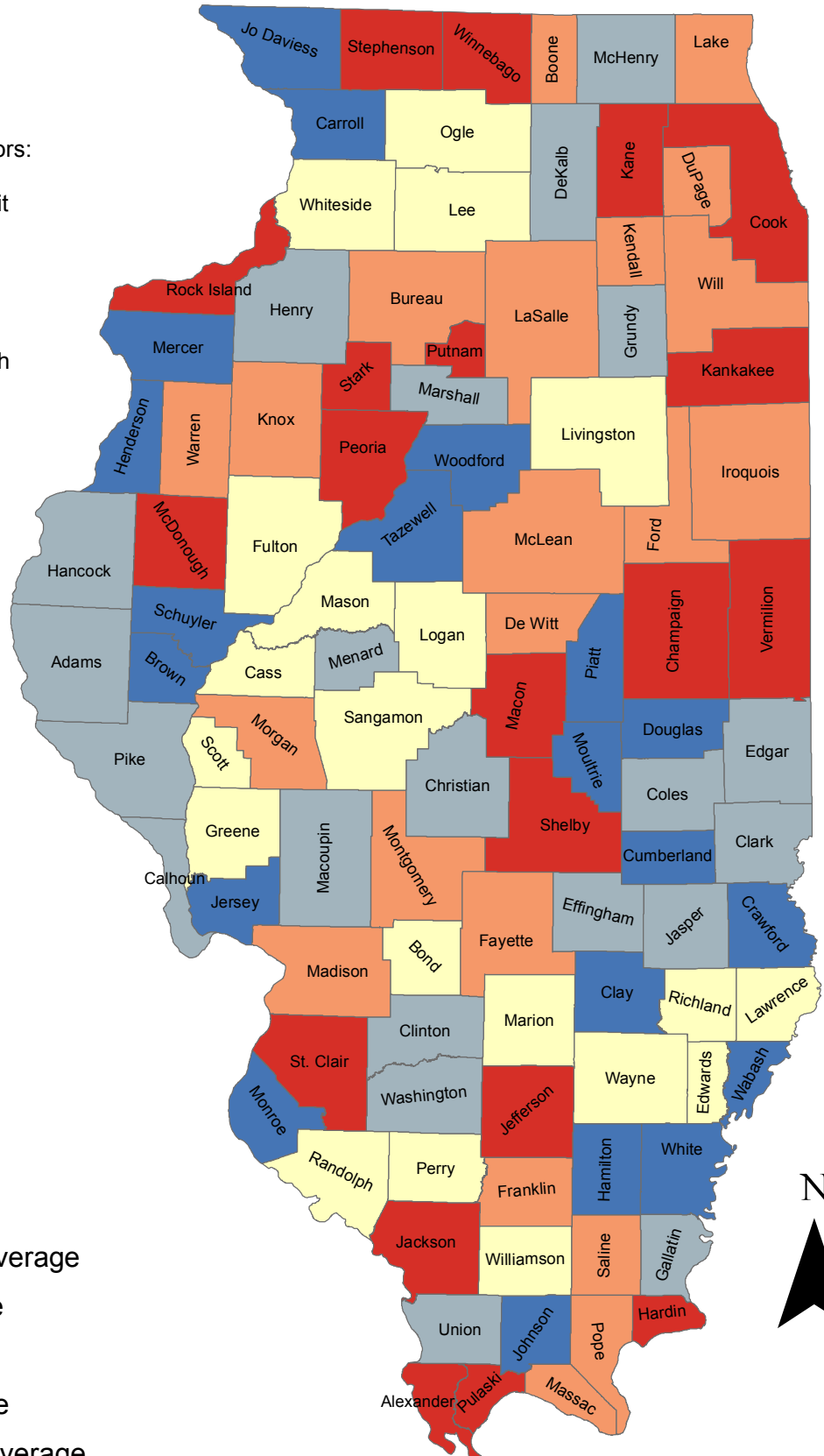
Physical Health

Measure Description

The Adolescent Physical Health Index is comprised of three indicators: parent-rated overall health status, asthma emergency department visit rate, and overweight/obesity.

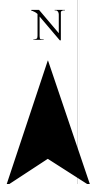
Data Sources

Illinois Hospital Discharge Data
National Survey of Children's Health



Legend

- Much Better Than Average
- Better Than Average
- Average
- Worse Than Average
- Much Worse Than Average



0 20 40 80 Miles

Illinois Adolescent Health County Rankings

Adolescent Health Status

Physical Health

Much Better than Average

Brown	Carroll	Clay	Crawford	Cumberland
Douglas	Hamilton	Henderson	Jersey	Jo Daviess
Johnson	Mercer	Monroe	Moultrie	Piatt
Schuyler	Tazewell	Wabash	White	Woodford

Better than Average

Adams	Calhoun	Christian	Clark	Clinton
Coles	DeKalb	Edgar	Effingham	Gallatin
Grundy	Hancock	Henry	Jasper	Macoupin
Marshall	McHenry	Menard	Pike	Union
Washington				

Average

Bond	Cass	Edwards	Fulton	Greene
Lawrence	Lee	Livingston	Logan	Marion
Mason	Ogle	Perry	Randolph	Richland
Sangamon	Scott	Wayne	Whiteside	Williamson

Worse than Average

Boone	Bureau	DeWitt	DuPage	Fayette
Ford	Franklin	Iroquois	Kendall	Knox
Lake	LaSalle	Madison	Massac	McLean
Montgomery	Morgan	Pope	Saline	Warren
Will				

Much Worse than Average

Alexander	Champaign	Cook	Hardin	Jackson
Jefferson	Kane	Kankakee	Macon	McDonough
Peoria	Pulaski	Putnam	Rock Island	Shelby
St. Clair	Stark	Stephenson	Vermilion	Winnebago

Illinois Adolescent Health County Rankings

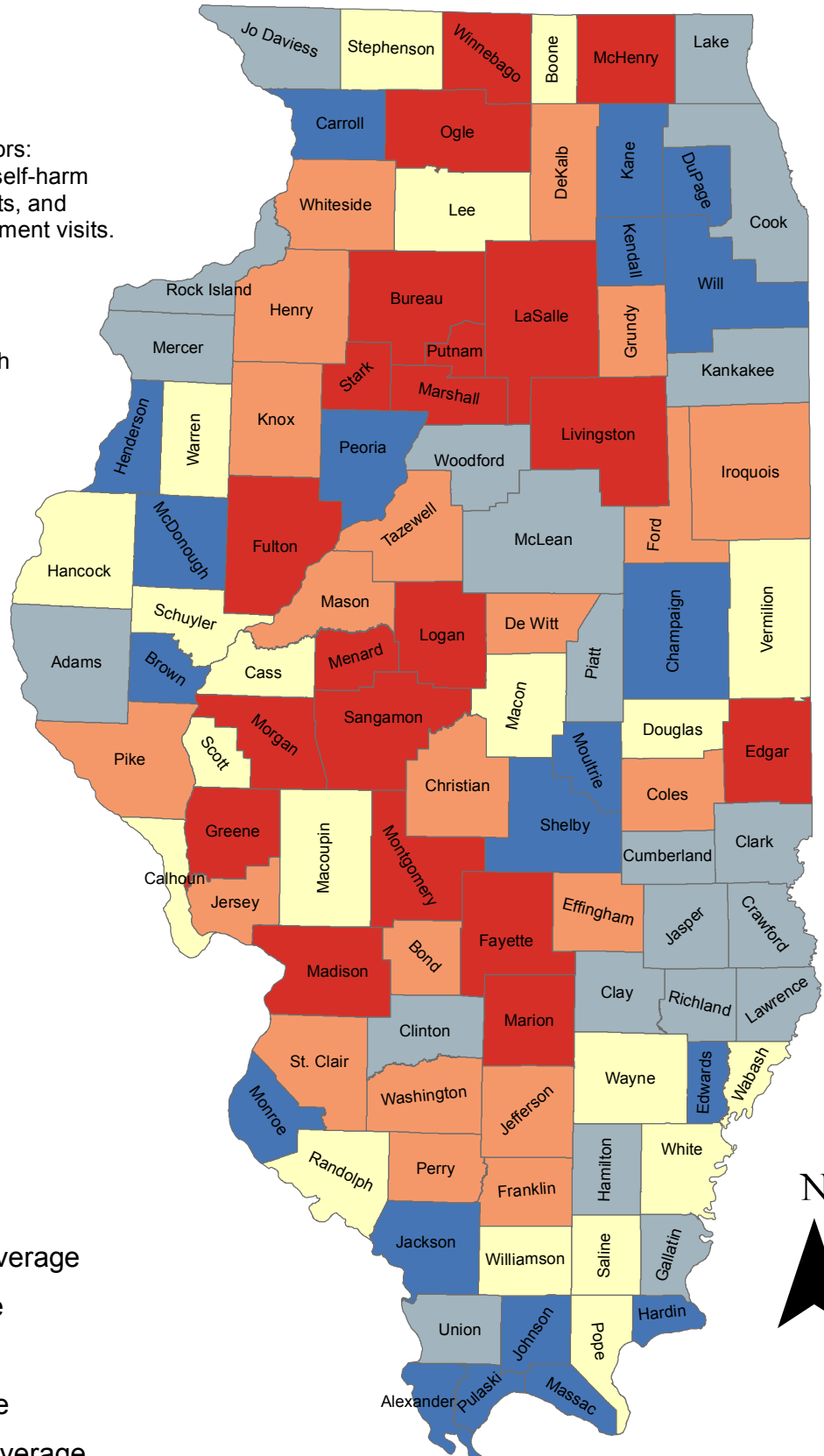
Adolescent Health Status Mental Health

Measure Description

The Adolescent Mental Health Index is comprised of three indicators: prevalence of depression/anxiety, self-harm related emergency department visits, and opioid overdose emergency department visits.

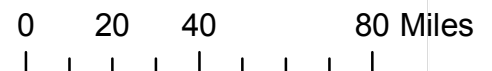
Data Sources

Illinois Hospital Discharge Data
National Survey of Children's Health



Legend

- Much Better Than Average
- Better Than Average
- Average
- Worse Than Average
- Much Worse Than Average



Illinois Adolescent Health County Rankings

Adolescent Health Status

Mental Health

Much Better than Average

Alexander	Brown	Carroll	Champaign	DuPage
Edwards	Hardin	Henderson	Jackson	Johnson
Kane	Kendall	Massac	McDonough	Monroe
Moultrie	Peoria	Pulaski	Shelby	Will

Better than Average

Adams	Clark	Clay	Clinton	Cook
Crawford	Cumberland	Gallatin	Hamilton	Jasper
Jo Daviess	Kankakee	Lake	Lawrence	McLean
Mercer	Piatt	Richland	Rock Island	Union
Woodford				

Average

Boone	Calhoun	Cass	Douglas	Hancock
Lee	Macon	Macoupin	Pope	Randolph
Saline	Schuyler	Scott	Stephenson	Vermilion
Wabash	Warren	Wayne	White	Williamson

Worse than Average

Bond	Christian	Coles	DeKalb	DeWitt
Effingham	Ford	Franklin	Grundy	Henry
Iroquois	Jefferson	Jersey	Knox	Mason
Perry	Pike	St. Clair	Tazewell	Washington
Whiteside				

Much Worse than Average

Bureau	Edgar	Fayette	Fulton	Greene
LaSalle	Livingston	Logan	Madison	Marion
Marshall	McHenry	Menard	Montgomery	Morgan
Ogle	Putnam	Sangamon	Stark	Winnebago

Illinois Adolescent Health County Rankings

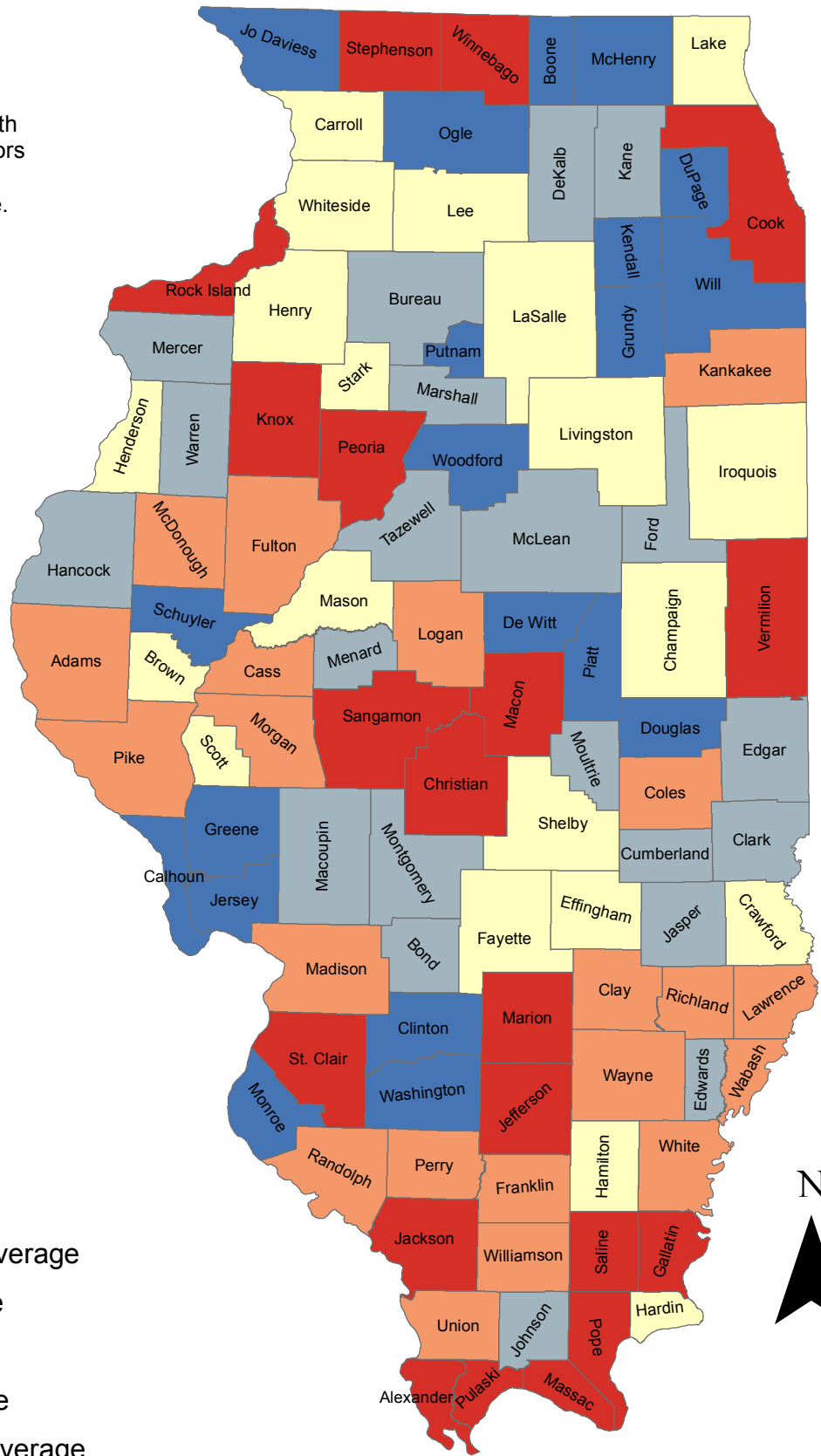
Adolescent Health Status Reproductive Health

Measure Description

The Adolescent Reproductive Health Index is comprised of three indicators for females ages 15-19: birth rate, chlamydia rate, and gonorrhea rate.

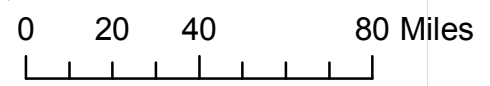
Data Sources

Illinois Birth Certificates
Illinois STI Program Data



Legend

- Much Better Than Average
- Better Than Average
- Average
- Worse Than Average
- Much Worse Than Average



Illinois Adolescent Health County Rankings

Adolescent Health Status *Reproductive Health*

Much Better than Average

Boone	Calhoun	Clinton	DeWitt	Douglas
DuPage	Greene	Grundy	Jersey	Jo Daviess
Kendall	McHenry	Monroe	Ogle	Piatt
Putnam	Schuyler	Washington	Will	Woodford

Better than Average

Bond	Bureau	Clark	Cumberland	DeKalb
Edgar	Edwards	Ford	Hancock	Jasper
Johnson	Kane	Macoupin	Marshall	McLean
Menard	Mercer	Montgomery	Moultrie	Tazewell
Warren				

Average

Brown	Carroll	Champaign	Crawford	Effingham
Fayette	Hamilton	Hardin	Henderson	Henry
Iroquois	Lake	LaSalle	Lee	Livingston
Mason	Scott	Shelby	Stark	Whiteside

Worse than Average

Adams	Cass	Clay	Coles	Franklin
Fulton	Kankakee	Lawrence	Logan	Madison
McDonough	Morgan	Perry	Pike	Randolph
Richland	Union	Wabash	Wayne	White
Williamson				

Much Worse than Average

Alexander	Christian	Cook	Gallatin	Jackson
Jefferson	Knox	Macon	Marion	Massac
Peoria	Pope	Pulaski	Rock Island	Saline
Sangamon	St. Clair	Stephenson	Vermilion	Winnebago

Illinois Adolescent Health County Rankings

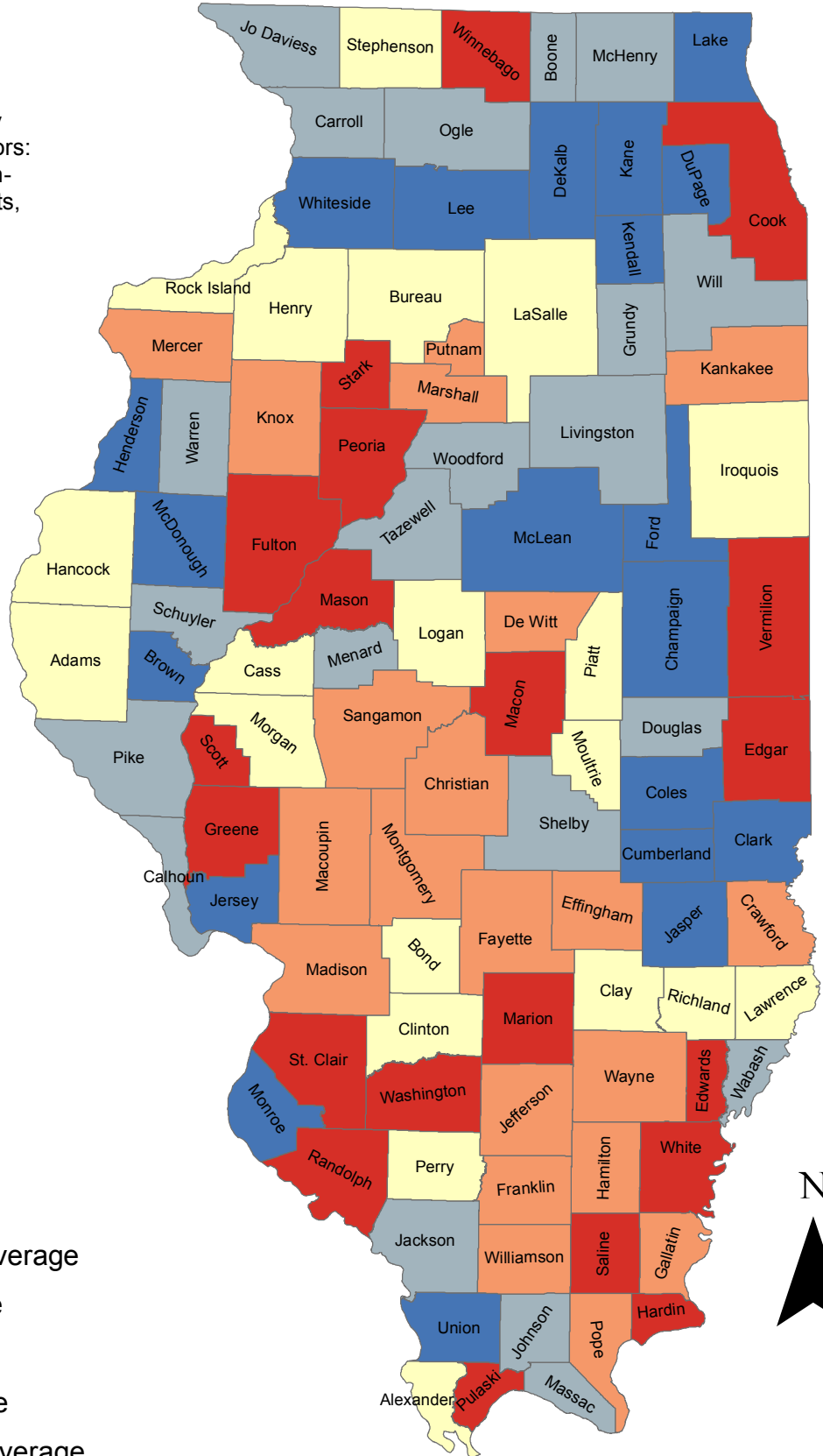
Adolescent Health Status Injury and Mortality

Measure Description

The Adolescent Injury and Mortality Index is comprised of three indicators: overall mortality rate, transportation-related emergency department visits, and homicide rates.

Data Sources

Illinois Death Certificates
Illinois Hospital Discharge Data



Legend

- Much Better Than Average
- Better Than Average
- Average
- Worse Than Average
- Much Worse Than Average

0 20 40 80 Miles

Illinois Adolescent Health County Rankings

Adolescent Health Status

Injury and Mortality

Much Better than Average

Brown	Champaign	Clark	Coles	Cumberland
DeKalb	DuPage	Ford	Henderson	Jasper
Jersey	Kane	Kendall	Lake	Lee
McDonough	McLean	Monroe	Union	Whiteside

Better than Average

Boone	Calhoun	Carroll	Douglas	Grundy
Jackson	Jo Daviess	Johnson	Livingston	Massac
McHenry	Menard	Ogle	Pike	Schuyler
Shelby	Tazewell	Wabash	Warren	Will
Woodford				

Average

Adams	Alexander	Bond	Bureau	Cass
Clay	Clinton	Hancock	Henry	Iroquois
LaSalle	Lawrence	Logan	Morgan	Moultrie
Perry	Piatt	Richland	Rock Island	Stephenson

Worse than Average

Christian	Crawford	DeWitt	Effingham	Fayette
Franklin	Gallatin	Hamilton	Jefferson	Kankakee
Knox	Macoupin	Madison	Marshall	Mercer
Montgomery	Pope	Putnam	Sangamon	Wayne
Williamson				

Much Worse than Average

Cook	Edgar	Edwards	Fulton	Greene
Hardin	Macon	Marion	Mason	Peoria
Pulaski	Randolph	Saline	Scott	St. Clair
Stark	Vermilion	Washington	White	Winnebago