

Health Indicators Report

Location

Knox County, KY

Demographics

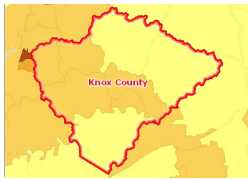
Current population demographics and changes in demographic composition over time play a determining role in the types of health and social services needed by communities.

Total Population

A total of 31,467 people live in the 386.30 square mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2014-18 5-year estimates. The population density for this area, estimated at 81.46 persons per square mile, is less than the national average population density of 91.42 persons per square mile.

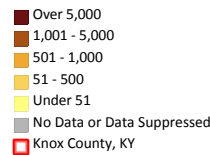
Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Knox County, KY	31,467	386.30	81.46
Kentucky	4,440,204	39,485.23	112.45
United States	322,903,030	3,532,068.58	91.42

Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



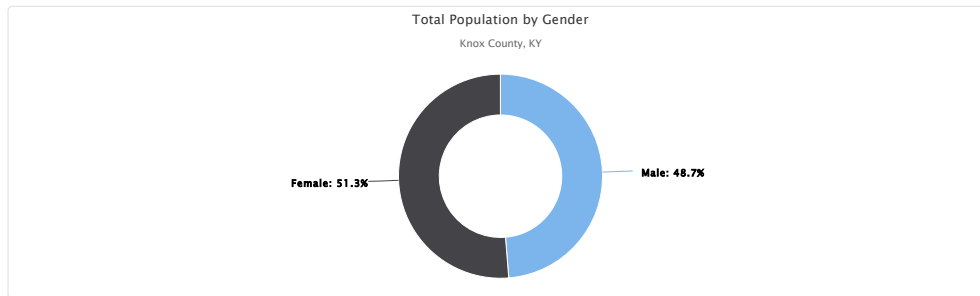
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Population, Density (Persons per Sq Mile) by Tract, ACS 2014-18



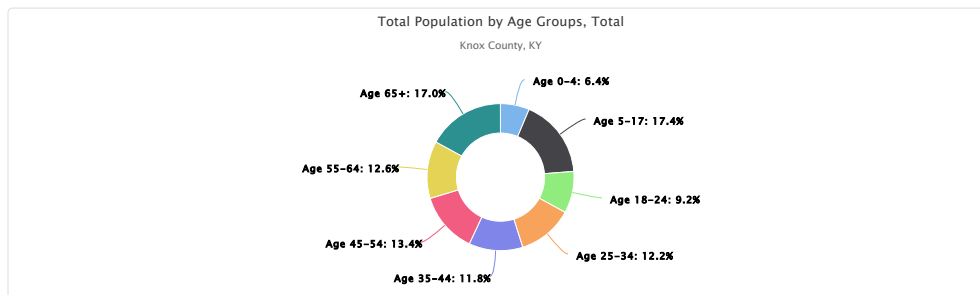
Total Population by Gender

Report Area	Male	Female	Percent Male	Percent Female
Knox County, KY	15,330	16,137	48.72%	51.28%
Kentucky	2,186,715	2,253,489	49.25%	50.75%
United States	158,984,190	163,918,840	49.24%	50.76%



Total Population by Age Groups, Total

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+
Knox County, KY	2,002	5,474	2,888	3,835	3,728	4,210	3,966	5,364
Kentucky	274,440	737,579	424,181	574,635	554,481	594,104	589,275	691,509
United States	19,836,850	53,716,390	30,903,719	44,567,976	40,763,210	42,589,573	41,286,731	49,238,581

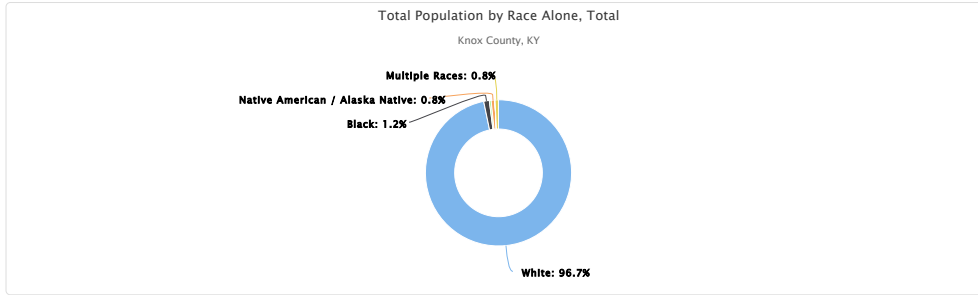


Total Population by Age Groups, Percent

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+
Knox County, KY	6.36%	17.40%	9.18%	12.19%	11.85%	13.38%	12.60%	17.05%
Kentucky	6.18%	16.61%	9.55%	12.94%	12.49%	13.38%	13.27%	15.57%
United States	6.14%	16.64%	9.57%	13.80%	12.62%	13.19%	12.79%	15.25%

Total Population by Race Alone, Total

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Knox County, KY	30,444	392	124	261	0	9	237
Kentucky	3,866,676	354,112	62,802	9,888	2,814	44,086	99,826
United States	234,904,818	40,916,113	17,574,550	2,699,073	582,718	15,789,961	10,435,797

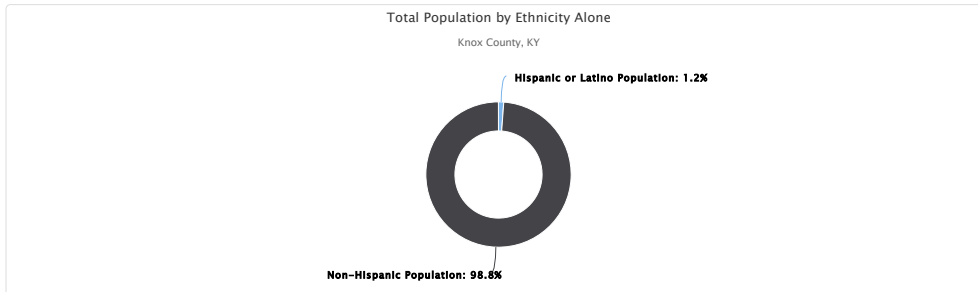


Total Population by Race Alone, Percent

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Knox County, KY	96.75%	1.25%	0.39%	0.83%	0.00%	0.03%	0.75%
Kentucky	87.08%	7.98%	1.41%	0.22%	0.06%	0.99%	2.25%
United States	72.75%	12.67%	5.44%	0.84%	0.18%	4.89%	3.23%

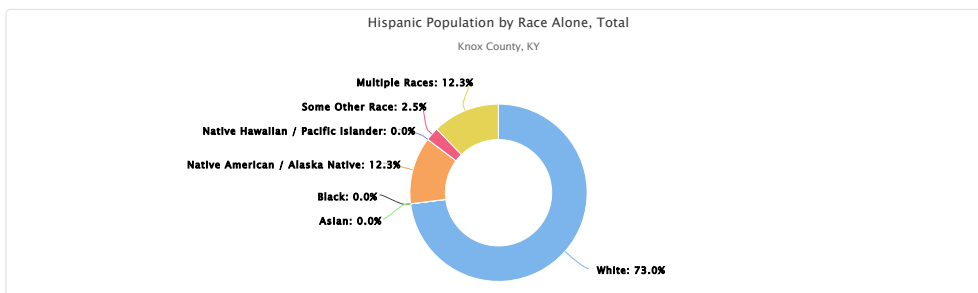
Total Population by Ethnicity Alone

Report Area	Total Population	Hispanic or Latino Population	Percent Population Hispanic or Latino	Non-Hispanic Population	Percent Population Non-Hispanic
Knox County, KY	31,467	367	1.17%	31,100	98.83%
Kentucky	4,440,204	158,744	3.58%	4,281,460	96.42%
United States	322,903,030	57,517,935	17.81%	265,385,095	82.19%



Hispanic Population by Race Alone, Total

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Knox County, KY	268	0	0	45	0	9	45
Kentucky	102,594	4,705	370	1,390	475	38,029	11,181
United States	37,723,641	1,200,196	207,381	563,594	57,616	15,035,465	2,730,042

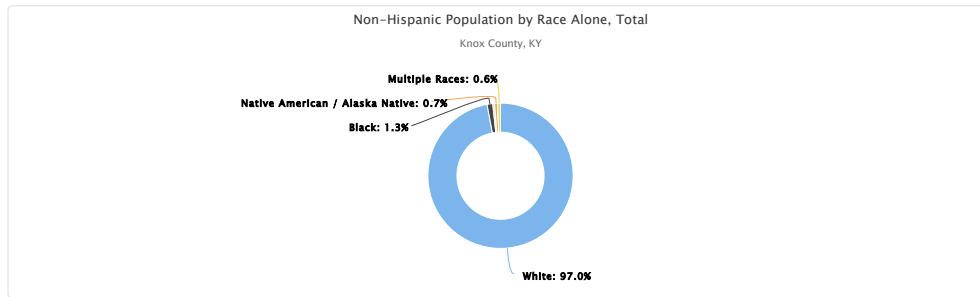


Hispanic Population by Race Alone, Percent

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Knox County, KY	73.02%	0.00%	0.00%	12.26%	0.00%	2.45%	12.26%
Kentucky	64.63%	2.96%	0.23%	0.88%	0.30%	23.96%	7.04%
United States	65.59%	2.09%	0.36%	0.98%	0.10%	26.14%	4.75%

Non-Hispanic Population by Race Alone, Total

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Knox County, KY	30,176	392	124	216	0	0	192
Kentucky	3,764,082	349,407	62,432	8,498	2,339	6,057	88,645
United States	197,181,177	39,715,917	17,367,169	2,135,479	525,102	754,496	7,705,755



Non-Hispanic Population by Race Alone, Percent

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Knox County, KY	97.03%	1.26%	0.40%	0.69%	0.00%	0.00%	0.62%
Kentucky	87.92%	8.16%	1.46%	0.20%	0.05%	0.14%	2.07%
United States	74.30%	14.97%	6.54%	0.80%	0.20%	0.28%	2.90%

Change in Total Population

According to the United States Census Bureau Decennial Census, between 2000 and 2010 the population in the report area grew by 89 persons, a change of 0.28%. A significant positive or negative shift in total population over time impacts healthcare providers and the utilization of community resources.

Report Area	Total Population, 2000 Census	Total Population, 2010 Census	Total Population Change, 2000-2010	Percent Population Change, 2000-2010
Knox County, KY	31,794	31,883	89	0.28%
Kentucky	4,041,768	4,339,367	297,599	7.36%
United States	280,405,781	307,745,539	27,339,758	9.75%

Data Source: US Census Bureau, Decennial Census, 2000 - 2010. Source geography: Tract



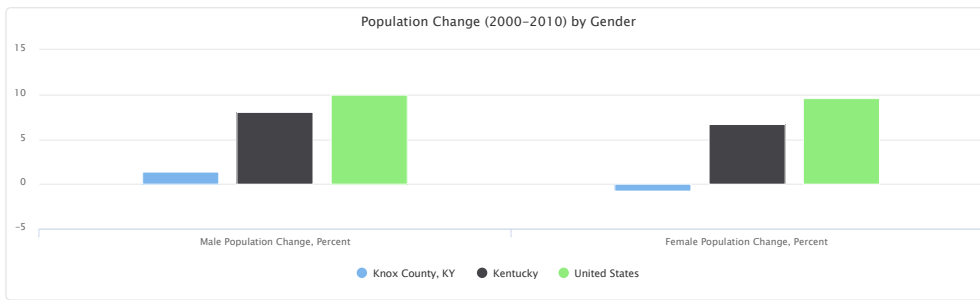
[View larger map](#)

Population Change, Percent by Tract, US Census 2000 - 2010

- Over 10.0% Increase (+)
- 1.0 - 10.0% Increase (+)
- Less Than 1.0% Change (+/-)
- 1.0 - 10.0% Decrease (-)
- Over 10.0% Decrease (-)
- No Population or No Data
- Knox County, KY

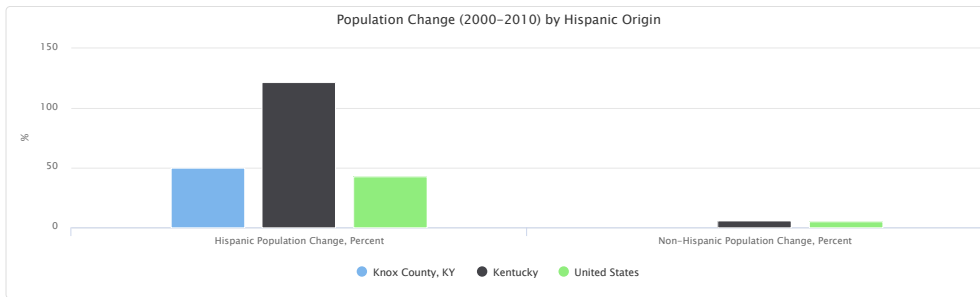
Population Change (2000-2010) by Gender

Report Area	Male Population Change, Total	Male Population Change, Percent	Female Population Change, Total	Female Population Change, Percent
Knox County, KY	206	1.35	-118	-0.72
Kentucky	159,583	8.08	138,014	6.68
United States	13,738,020	10.02	13,601,733	9.55



Population Change (2000-2010) by Hispanic Origin

Report Area	Hispanic Population Change, Total	Hispanic Population Change, Percent	Non-Hispanic Population Change, Total	Non-Hispanic Population Change, Percent
Knox County, KY	90	50.00%	-1	0.00%
Kentucky	72,896	121.61%	224,708	5.64%
United States	15,152,943	42.93%	12,099,099	4.92%

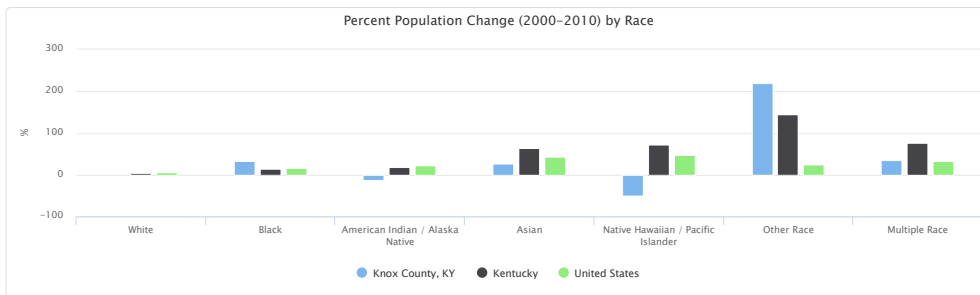


Total Population Change (2000-2010) by Race

Report Area	White	Black	American Indian / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Other Race	Multiple Race
Knox County, KY	-140	84	-10	14	-3	55	89
Kentucky	168,649	41,526	1,504	19,186	1,041	32,928	32,765
United States	12,199,518	5,189,316	521,420	4,433,864	141,446	3,703,567	2,190,889

Percent Population Change (2000-2010) by Race

Report Area	White	Black	American Indian / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Other Race	Multiple Race
Knox County, KY	-0.45%	32.06%	-12.5%	26.42%	-50%	220%	34.1%
Kentucky	4.63%	14.03%	17.46%	64.5%	71.3%	145.55%	77.2%
United States	5.8%	15.43%	22.56%	43.72%	47.37%	24.2%	32.61%

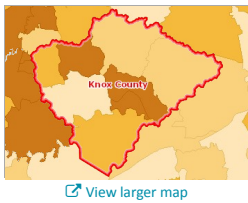


Population Under Age 18

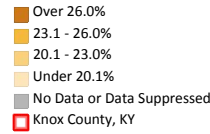
An estimated 23.76% of the population in the report area is under the age of 18 according to the U.S. Census Bureau American Community Survey 2014-18 5-year estimates. An estimated total of 7,476 youths resided in the area during this time period. The number of persons under age 18 is relevant because 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
Knox County, KY	31,467	7,476	23.76%
Kentucky	4,440,204	1,012,019	22.79%
United States	322,903,030	73,553,240	22.78%

Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



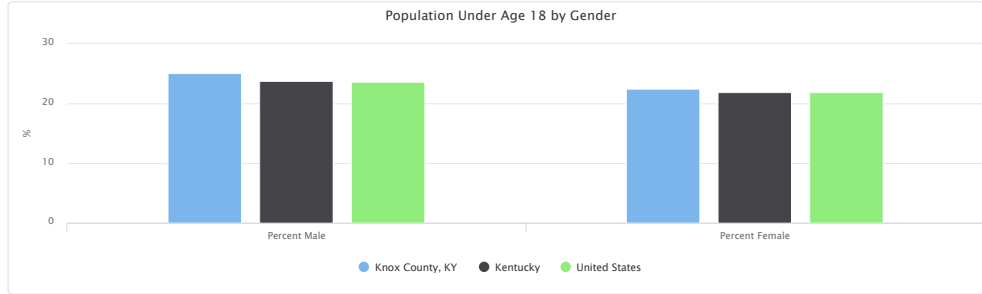
Population Age 0-17, Percent by Tract, ACS 2014-18



Population Under Age 18 by Gender

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

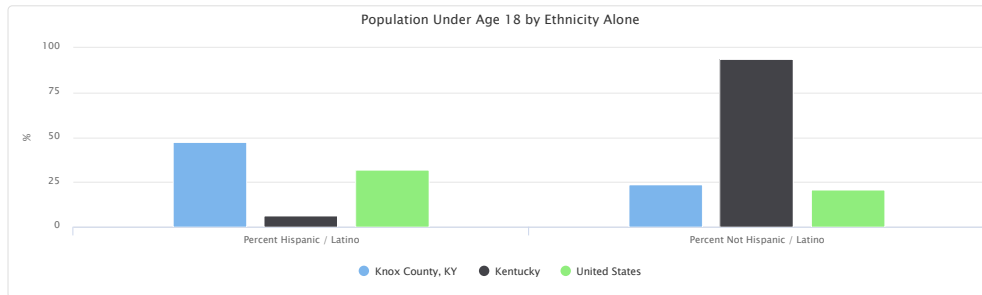
Report Area	Total Male	Total Female	Percent Male	Percent Female
Knox County, KY	3,848	3,628	25.10%	22.48%
Kentucky	519,217	492,802	23.74%	21.87%
United States	37,585,573	35,967,667	23.64%	21.94%



Population Under Age 18 by Ethnicity Alone

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

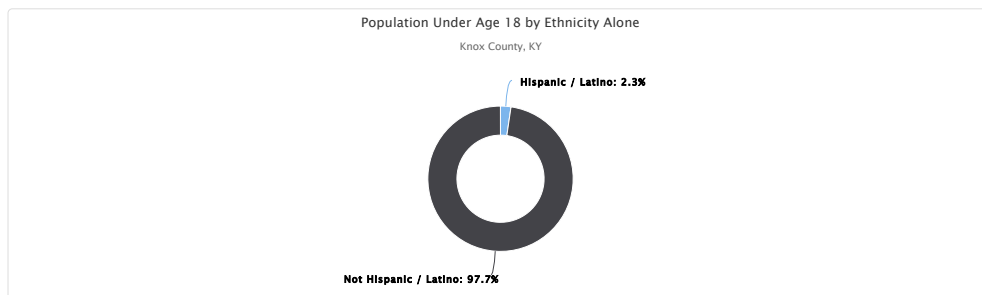
Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Knox County, KY	173	7,303	47.14%	23.48%
Kentucky	61,194	950,825	6.05%	93.95%
United States	18,347,823	55,205,417	31.90%	20.80%



Population Under Age 18 by Ethnicity Alone

This indicator reports the proportion of the population aged 0 to 17 that is Hispanic or Latino.

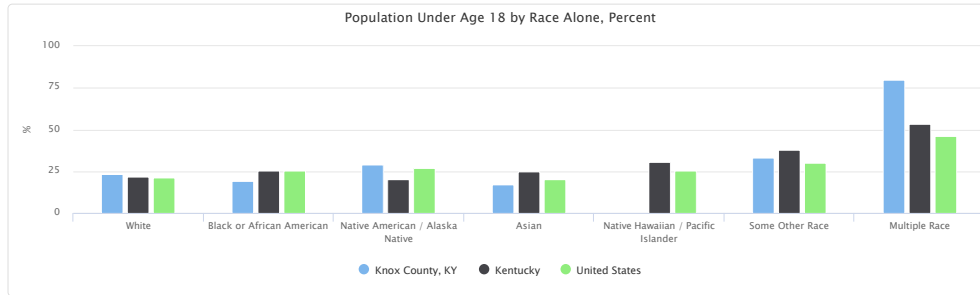
Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Knox County, KY	173	7,303	2.31%	97.69%
Kentucky	61,194	950,825	6.05%	93.95%
United States	18,347,823	55,205,417	24.94%	75.06%



Population Under Age 18 by Race Alone, Percent

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

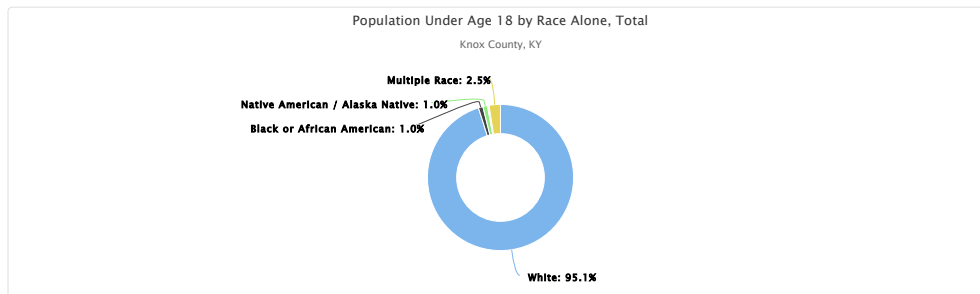
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	23.36%	19.13%	29.12%	16.94%	No data	33.33%	79.75%
Kentucky	21.58%	25.20%	20.36%	25.11%	30.49%	37.59%	53.35%
United States	21.00%	25.26%	27.15%	19.97%	25.25%	29.83%	45.98%



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 Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	7,112	75	76	21	0	3	189
Kentucky	834,317	89,226	2,013	15,771	858	16,574	53,260
United States	49,319,083	10,335,967	732,763	3,509,294	147,127	4,710,700	4,798,306



Median Age

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

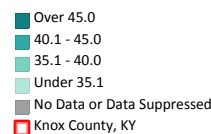
Report Area	Total Population	Median Age
Knox County, KY	31,467	40.00
Kentucky	4,440,204	38.70
United States	322,903,030	37.90

Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



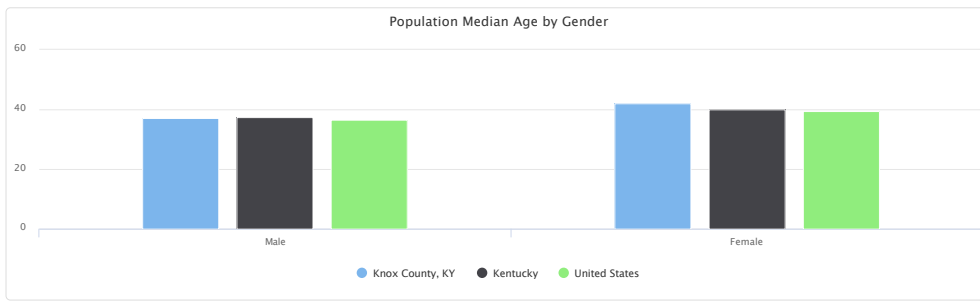
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Median Age by Tract, ACS 2014-18



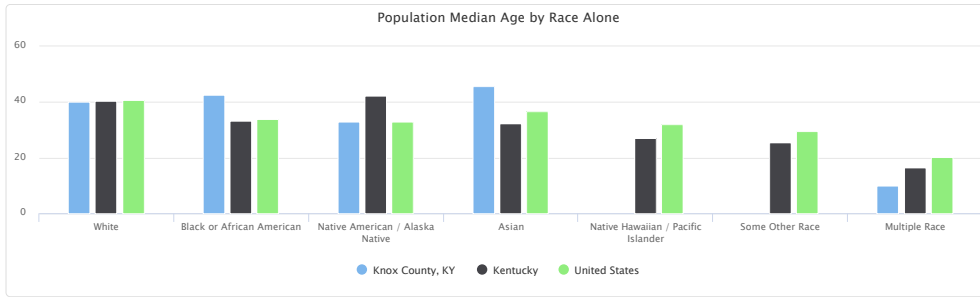
Population Median Age by Gender

Report Area	Male	Female
Knox County, KY	37.2	42.1
Kentucky	37.3	40.1
United States	36.6	39.3



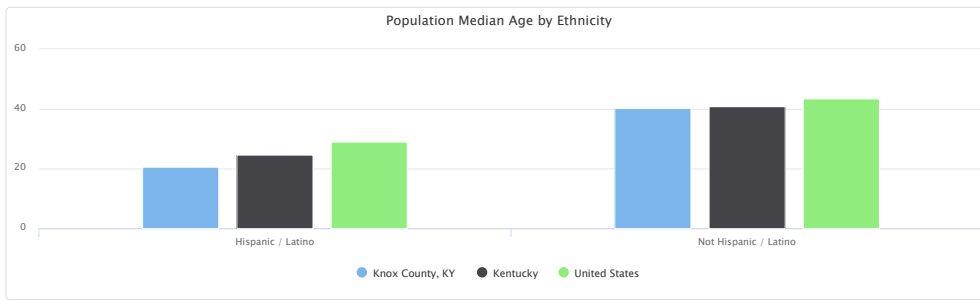
Population Median Age by Race Alone

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	40.2	42.5	33.0	45.8	No data	No data	9.9
Kentucky	40.3	33.4	42.2	32.4	27.0	25.5	16.4
United States	40.6	33.9	32.8	36.8	31.9	29.6	20.1



Population Median Age by Ethnicity

Report Area	Hispanic / Latino	Not Hispanic / Latino
Knox County, KY	20.6	40.3
Kentucky	24.6	40.8
United States	28.9	43.4



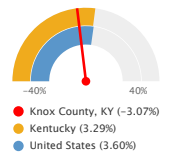
Migration Patterns

This indicator reports the net migration rate of the total population between 2000 and 2010.

Report Area	Starting Population (2000)	Ending Population (2010)	Natural Change	Net Migration	Migration Rate
Knox County, KY	29,973	31,757	2,792	-1,007	-3.07%
Kentucky	3,831,062	4,333,263	364,257	137,940	3.29%
United States	267,981,052	309,745,042	30,987,709	10,776,072	3.60%

Note: This indicator is compared to the state average.
Data Source: University of Wisconsin Net Migration Patterns for US Counties, 2000 to 2010. Source geography: County

Net Migration Rate, 2000 to 2010



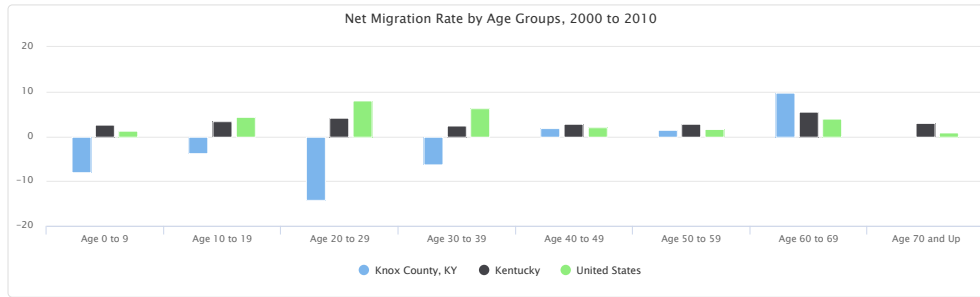
[View larger map](#)

Net Migration, Rate per 100 Population by County, Uni. of Wisconsin 2000 to 2010

- Over 10.0% Increase (+)
- 2.0 - 10.0% Increase (+)
- Less Than 2.0% Change (+/-)
- 2.0 - 10.0% Decrease (-)
- Over 10.0% Decrease (-)
- No Population or No Data
- Knox County, KY

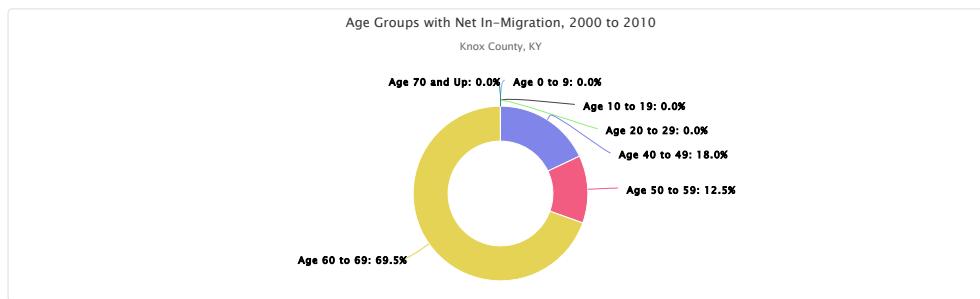
Net Migration Rate by Age Groups, 2000 to 2010

Report Area	Age 0 to 9	Age 10 to 19	Age 20 to 29	Age 30 to 39	Age 40 to 49	Age 50 to 59	Age 60 to 69	Age 70 and Up
Knox County, KY	-7.93	-3.72	-14.25	-6.37	1.90	1.39	9.84	-0.10
Kentucky	2.70	3.39	4.13	2.46	2.82	2.85	5.49	3.03
United States	1.23	4.26	8.04	6.33	2.10	1.67	3.88	0.89



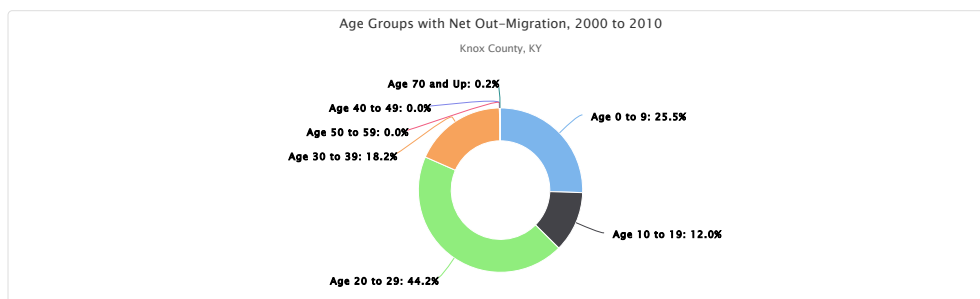
Age Groups with Net In-Migration, 2000 to 2010

Report Area	Age 0 to 9	Age 10 to 19	Age 20 to 29	Age 30 to 39	Age 40 to 49	Age 50 to 59	Age 60 to 69	Age 70 and Up
Knox County, KY	0	0	0	0	82	57	317	0
Kentucky	15,148	18,892	22,922	13,670	16,814	16,648	22,390	11,456
United States	505,229	1,735,379	3,210,126	2,413,570	901,350	686,141	1,078,942	245,335



Age Groups with Net Out-Migration, 2000 to 2010

Report Area	Age 0 to 9	Age 10 to 19	Age 20 to 29	Age 30 to 39	Age 40 to 49	Age 50 to 59	Age 60 to 69	Age 70 and Up
Knox County, KY	373	175	646	266	0	0	0	3
Kentucky	0	0	0	0	0	0	0	0
United States	0	0	0	0	0	0	0	0

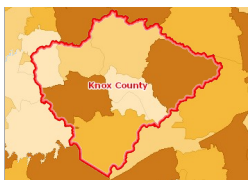


Population Age 18-64

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.

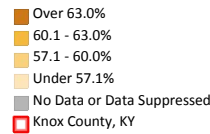
Report Area	Total Population	Population Age 18-64	Percent Population Age 18-64
Knox County, KY	31,467	18,627	59.20%
Kentucky	4,440,204	2,736,676	61.63%
United States	322,903,030	200,111,209	61.97%

Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



[View larger map](#)

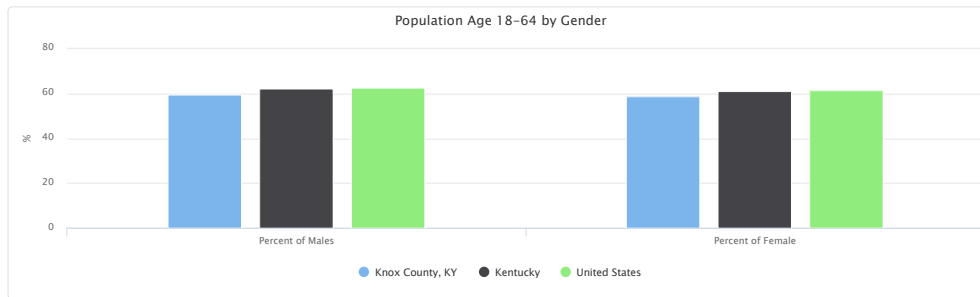
Population Age 18-64, Percent by Tract, ACS 2014-18



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, 59.67% of male population are at age 18-64, and 58.74% of female population are at age 18-64.

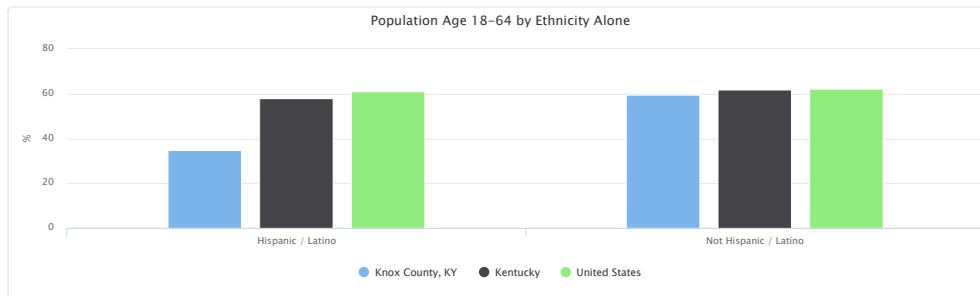
Report Area	Males Age 18-64	Females Age 18-64	Percent of Males Age 18-64	Percent of Females Age 18-64
Knox County, KY	9,148	9,479	59.67%	58.74%
Kentucky	1,363,017	1,373,659	62.33%	60.96%
United States	99,617,317	100,493,892	62.66%	61.31%



Population Age 18-64 by Ethnicity Alone

This indicator reports the percentage of population that are at age 18 to 64 by ethnicity alone. In the report area, 34.88% of Hispanic / Latino population are at age 18-64, and 59.48% of non Hispanic / Latino population are at age 18-64.

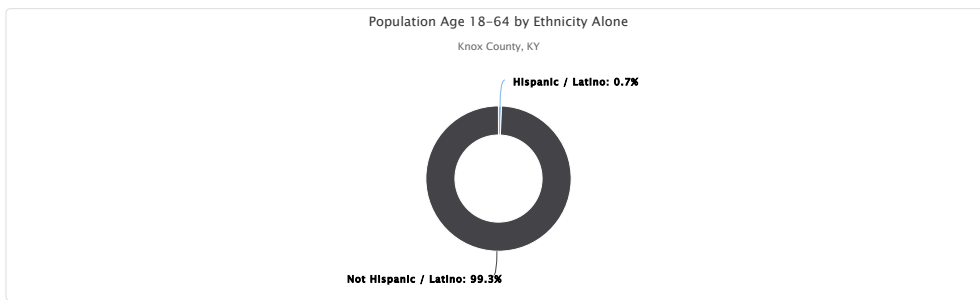
Report Area	Hispanic / Latino Age 18-64	Not Hispanic / Latino Age 18-64	Percent Hispanic / Latino Age 18-64	Percent Not Hispanic / Latino Age 18-64
Knox County, KY	128	18,499	34.88%	59.48%
Kentucky	91,748	2,644,928	57.80%	61.78%
United States	35,214,538	164,896,671	61.22%	62.13%



Population Age 18-64 by Ethnicity Alone

This indicator reports the proportion of the adult population aged 18 to 64 that is Hispanic or Latino.

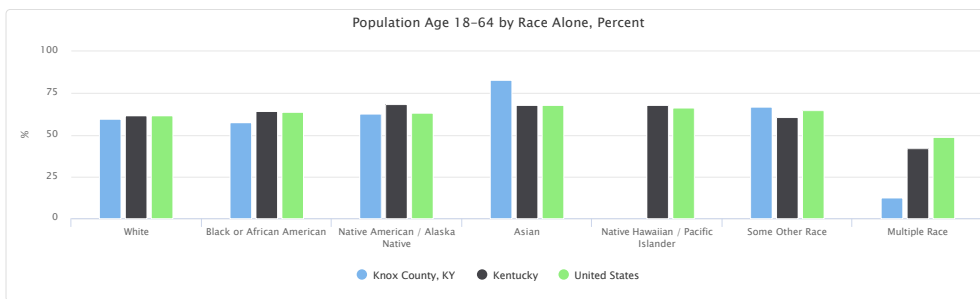
Report Area	Hispanic / Latino Age 18+	Not Hispanic / Latino Age 18+	Percent Hispanic / Latino Age 18+	Percent Not Hispanic / Latino Age 18+
Knox County, KY	128	18,499	0.69%	99.31%
Kentucky	91,748	2,644,928	3.35%	96.65%
United States	35,214,538	164,896,671	17.60%	82.40%



Population Age 18-64 by Race Alone, Percent

This indicator reports the percentage of population that are at age 18 to 64 by race alone.

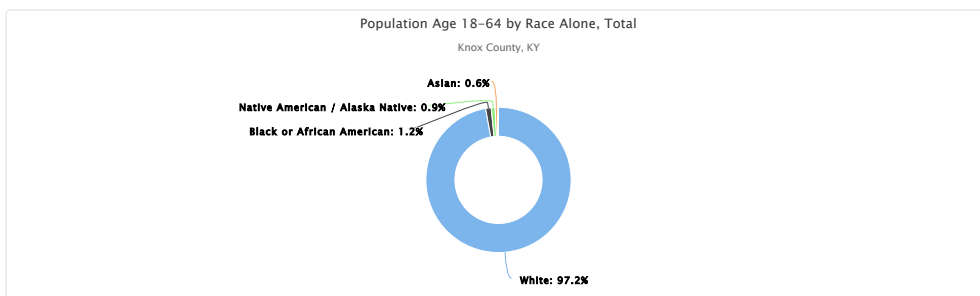
Report Area	White Age 18-64	Black or African American Age 18-64	Native American / Alaska Native Age 18-64	Asian Age 18-64	Native Hawaiian / Pacific Islander Age 18-64	Some Other Race Age 18-64	Multiple Race Age 18-64
Knox County, KY	59.45%	57.65%	62.84%	83.06%	No data	66.67%	12.24%
Kentucky	61.77%	64.49%	68.58%	67.71%	68.02%	60.59%	41.91%
United States	61.57%	63.86%	62.96%	68.03%	66.38%	64.63%	48.96%



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 Area	White Age 18-64	Black or African American Age 18-64	Native American / Alaska Native Age 18-64	Asian Age 18-64	Native Hawaiian / Pacific Islander Age 18-64	Some Other Race Age 18-64	Multiple Race Age 18-64
Knox County, KY	18,099	226	164	103	0	6	29
Kentucky	2,388,530	228,384	6,781	42,523	1,914	26,711	41,833
United States	144,625,680	26,128,386	1,699,376	11,956,623	386,792	10,205,157	5,109,195

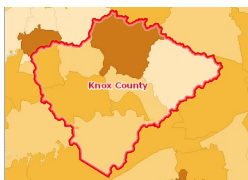


Population Age 65+

An estimated 17.05% of the population in the report area is age 65 or older according to the U.S. Census Bureau American Community Survey 2014-18 5-year estimates. An estimated total of 5,364 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.

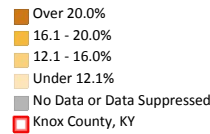
Report Area	Total Population	Population Age 65+	Percent Population Age 65+
Knox County, KY	31,467	5,364	17.05%
Kentucky	4,440,204	691,509	15.57%
United States	322,903,030	49,238,581	15.25%

Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



[View larger map](#)

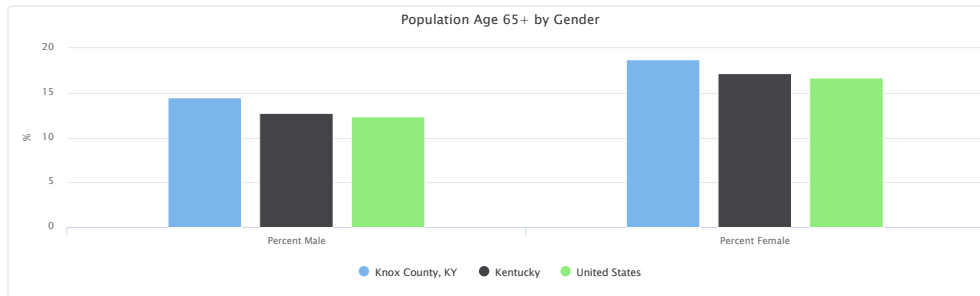
Population Age 65+, Percent by Tract, ACS 2014-18



Population Age 65+ by Gender

This indicator reports the percentage of population that are at age 65+ by gender. In the report area, 14.46% of male population are at age 65+, and 18.78% of female population are at age 65+.

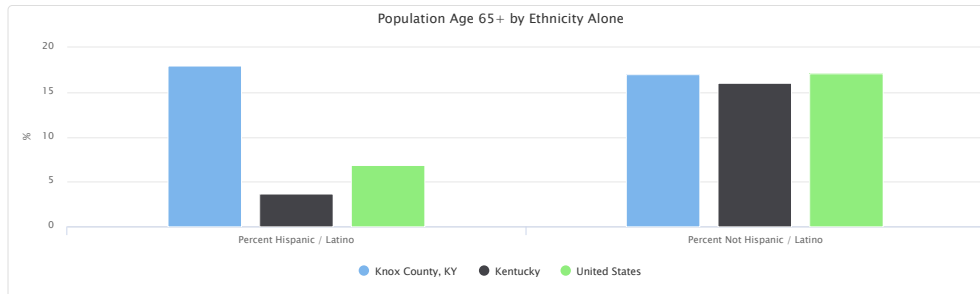
Report Area	Total Male	Total Female	Percent Male	Percent Female
Knox County, KY	2,217	3,030	14.46%	18.78%
Kentucky	278,767	387,028	12.75%	17.17%
United States	19,630,586	27,457,281	12.35%	16.75%



Population Age 65+ by Ethnicity Alone

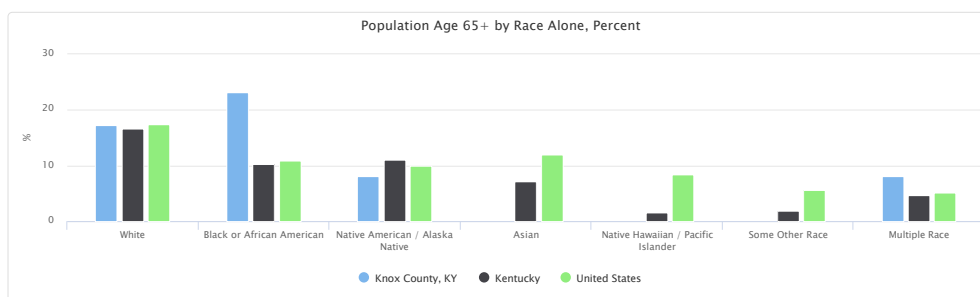
This indicator reports the percentage of population that are at age 65+ by ethnicity alone. In the report area, 17.98% of Hispanic / Latino population are at age 65+, and 17.04% of non Hispanic / Latino population are at age 65+.

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Knox County, KY	66	5,298	17.98%	17.04%
Kentucky	5,802	685,707	3.65%	16.02%
United States	3,955,574	45,283,007	6.88%	17.06%



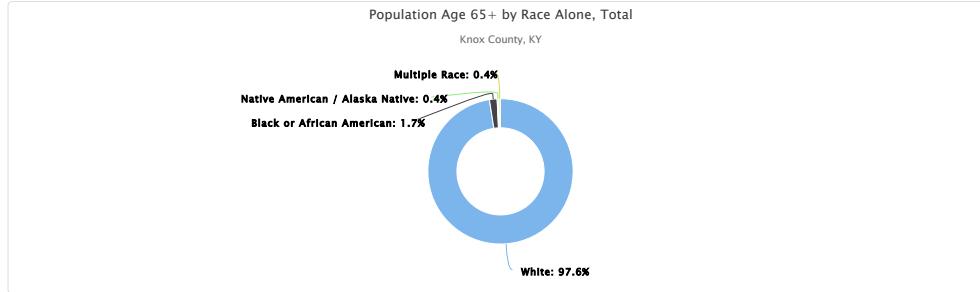
Population Age 65+ by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	17.19%	23.21%	8.05%	0.00%	No data	0.00%	8.02%
Kentucky	16.65%	10.31%	11.06%	7.18%	1.49%	1.82%	4.74%
United States	17.44%	10.88%	9.89%	12.00%	8.37%	5.54%	5.06%



Population Age 65+ by Race Alone, Total

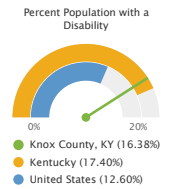
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	5,233	91	21	0	0	0	19
Kentucky	643,829	36,502	1,094	4,508	42	801	4,733
United States	40,960,055	4,451,760	266,934	2,108,633	48,799	874,104	528,296



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.

Report Area	Total Population (For Whom Disability Status Is Determined)	Total Population with a Disability	Percent Population with a Disability
Knox County, KY	31,112	5,097	16.38%
Kentucky	4,357,195	758,234	17.40%
United States	317,941,631	40,071,666	12.60%

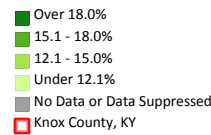


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



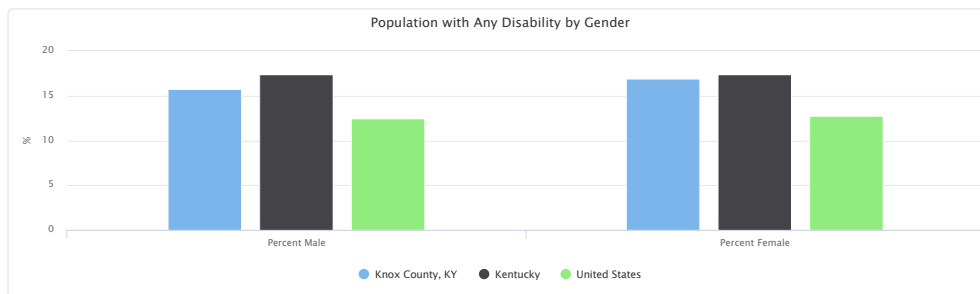
[View larger map](#)

Disabled Population, Percent by Tract, ACS 2014-18



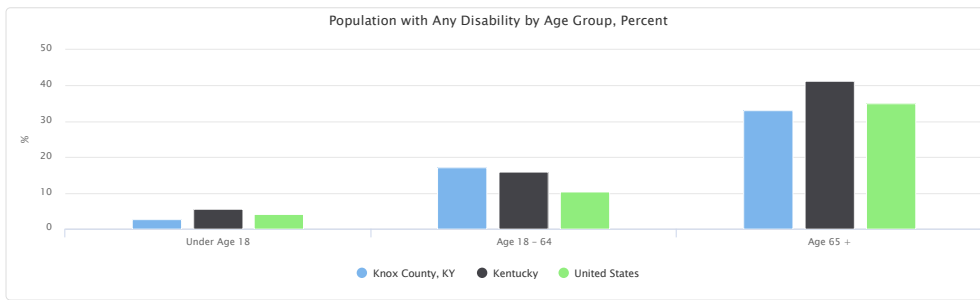
Population with Any Disability by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Knox County, KY	2,399	2,698	15.79%	16.95%
Kentucky	370,325	387,909	17.40%	17.41%
United States	19,374,640	20,697,026	12.47%	12.73%



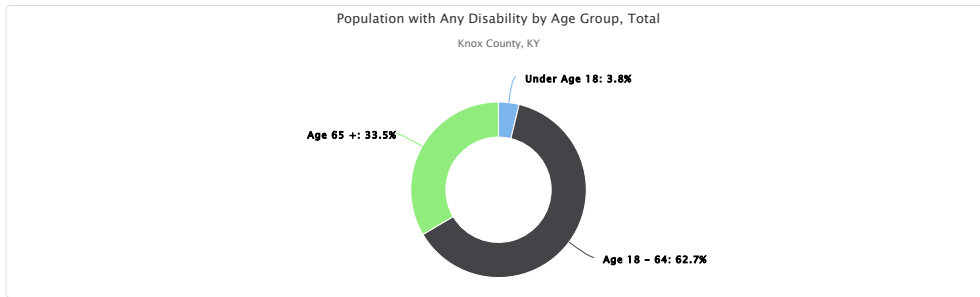
Population with Any Disability by Age Group, Percent

Report Area	Under Age 18	Age 18 - 64	Age 65 +
Knox County, KY	2.60%	17.27%	33.05%
Kentucky	5.63%	15.88%	41.26%
United States	4.17%	10.30%	34.97%



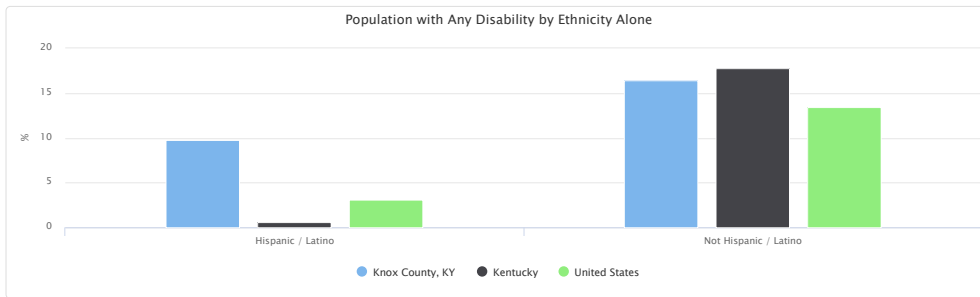
Population with Any Disability by Age Group, Total

Report Area	Under Age 18	Age 18 - 64	Age 65 +
Knox County, KY	193	3,197	1,707
Kentucky	56,898	425,376	275,960
United States	3,065,179	20,240,504	16,765,983



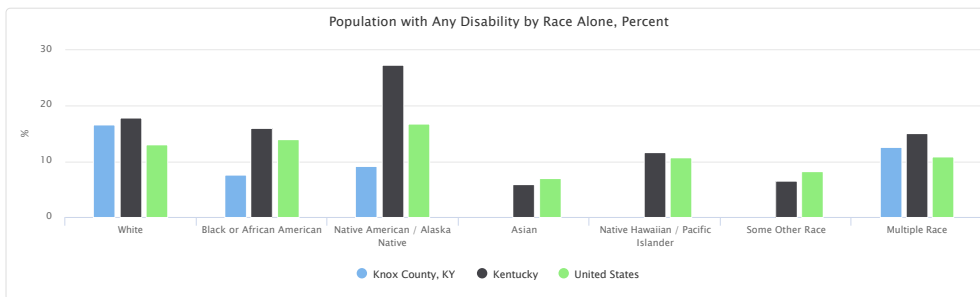
Population with Any Disability by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Knox County, KY	35	5,062	9.80%	16.46%
Kentucky	12,552	745,682	0.56%	17.74%
United States	5,067,077	35,004,589	3.12%	13.40%



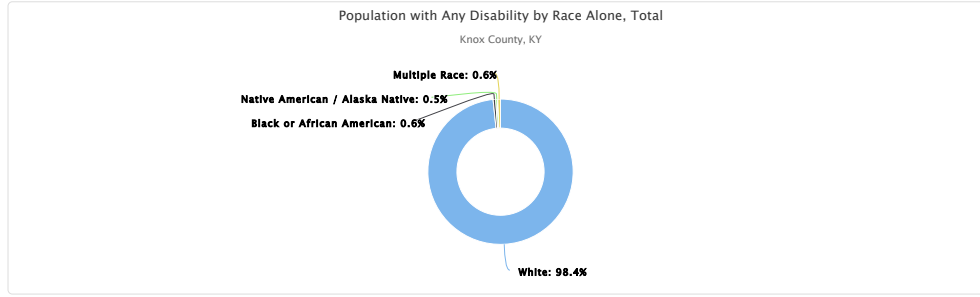
Population with Any Disability by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	16.66%	7.59%	9.20%	0.00%	No data	0.00%	12.66%
Kentucky	17.88%	15.99%	27.36%	5.98%	11.67%	6.51%	15.04%
United States	13.12%	13.95%	16.83%	6.98%	10.73%	8.23%	10.93%



Population with Any Disability by Race Alone, Total

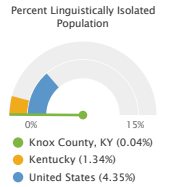
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	5,014	29	24	0	0	0	30
Kentucky	679,888	54,193	2,561	3,726	315	2,808	14,743
United States	30,406,200	5,535,003	443,140	1,219,941	61,092	1,283,869	1,122,421



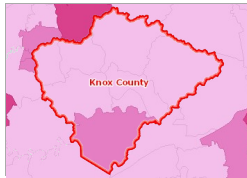
Population in Limited English Households

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 Area	Total Population Age 5+	Linguistically Isolated Population	Percent Linguistically Isolated Population
Knox County, KY	29,465	13	0.04%
Kentucky	4,165,764	55,854	1.34%
United States	303,066,180	13,181,780	4.35%

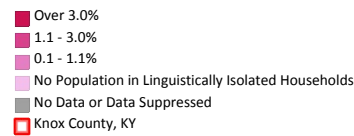


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



[View larger map](#)

Population in Linguistically Isolated Households, Percent by Tract, ACS 2014-18



Renter-Occupied Housing

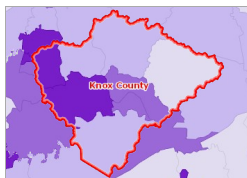
Tenure provides a measurement of home ownership, which has served as an indicator of the nation's economy for decades. This data covers all occupied housing units, which are classified as either owner occupied or renter occupied. These data are used to aid in the distribution of funds for programs such as those involving mortgage insurance, rental housing, and national defense housing. Data on tenure allows planners to evaluate the overall viability of housing markets and to assess the stability of neighborhoods. The data also serve in understanding the characteristics of owner occupied and renter occupied units to aid builders, mortgage lenders, planning officials, government agencies, etc., in the planning of housing programs and services.³

Renter-Occupied Housing

All occupied housing units that are not owner occupied, whether they are rented or occupied without payment of rent, are classified as renter occupied.

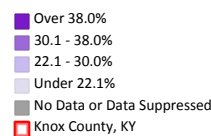
Report Area	Total Occupied Housing Units	Renter-Occupied Housing Units	Percent Renter-Occupied Housing Units
Knox County, KY	12,270	4,434	36.14%
Kentucky	1,728,681	571,050	33.03%
United States	119,730,128	43,285,318	36.15%

Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



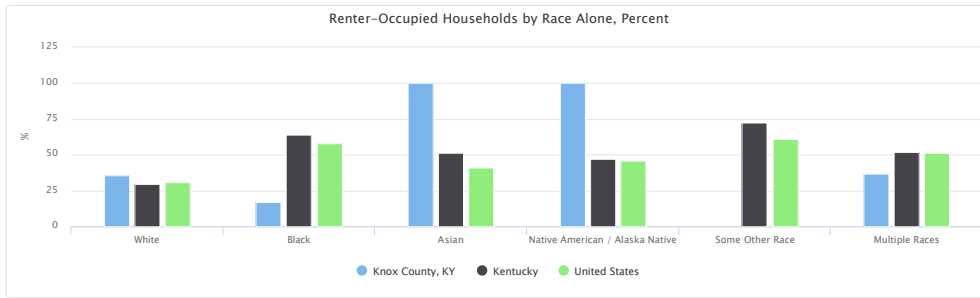
[View larger map](#)

Renter-Occupied Housing Units, Percent by Tract, ACS 2014-18



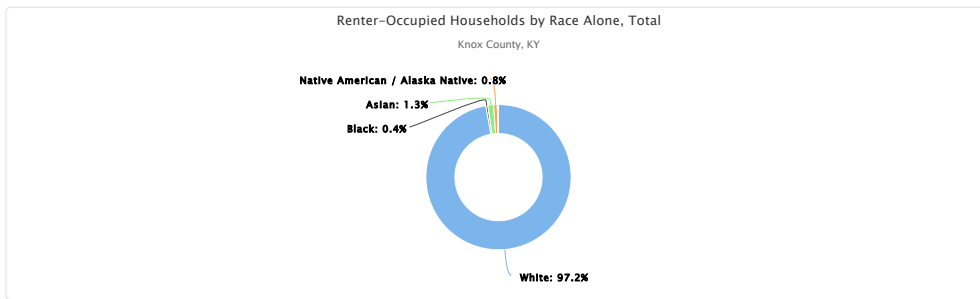
Renter-Occupied Households by Race Alone, Percent

Report Area	White	Black	Asian	Native American / Alaska Native	Some Other Race	Multiple Races
Knox County, KY	35.82%	16.96%	100.00%	100.00%	No data	36.67%
Kentucky	29.47%	63.74%	51.10%	47.40%	72.25%	51.74%
United States	30.67%	58.24%	41.04%	45.99%	60.69%	51.32%



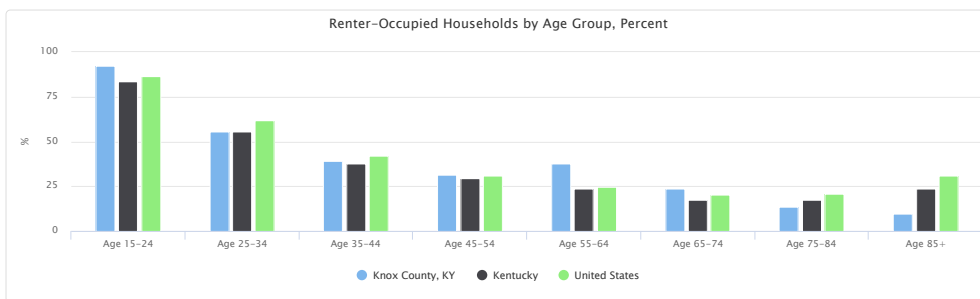
Renter-Occupied Households by Race Alone, Total

Report Area	White	Black	Asian	Native American / Alaska Native	Some Other Race	Multiple Races
Knox County, KY	4,310	19	58	36	0	11
Kentucky	452,446	87,972	9,892	1,786	7,439	11,003
United States	28,161,955	8,552,346	2,284,604	400,111	2,558,150	1,235,442



Renter-Occupied Households by Age Group, Percent

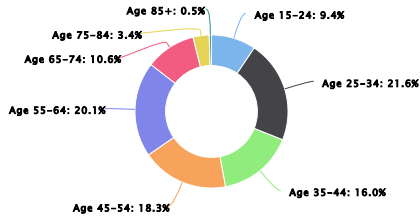
Report Area	Age 15-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65-74	Age 75-84	Age 85+
Knox County, KY	92.27%	55.47%	39.10%	31.59%	37.48%	23.81%	13.40%	9.72%
Kentucky	83.78%	55.38%	37.52%	29.46%	23.53%	17.55%	17.21%	23.49%
United States	86.41%	61.95%	42.09%	31.14%	24.65%	20.22%	20.72%	30.76%



Renter-Occupied Households by Age Group, Total

Report Area	Age 15-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65-74	Age 75-84	Age 85+
Knox County, KY	418	959	710	813	891	471	151	21
Kentucky	66,052	141,780	105,967	96,465	81,445	45,107	22,636	11,598
United States	3,862,720	11,308,267	8,669,582	7,153,044	5,763,693	3,471,817	1,876,192	1,180,003

Renter-Occupied Households by Age Group, Total
Knox County, KY



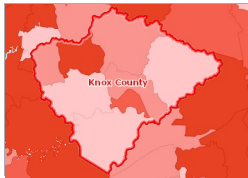
Household Composition

This indicator reports the total number and percentage of households by composition (married couple family, nonfamily, etc.). According to the American Community Survey subject definitions, 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.

*Family households and married-couple families do not include same-sex married couples even if the marriage was performed in a state issuing marriage certificates for same-sex couples. Same sex couple households are included in the family households category if there is at least one additional person related to the householder by birth or adoption.

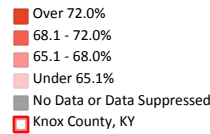
Report Area	Total Households	Family Households	Family Households, Percent	Non-Family Households	Non-Family Households, Percent
Knox County, KY	12,270	7,958	64.86%	4,312	35.14%
Kentucky	1,728,681	1,135,709	65.70%	592,972	34.30%
United States	119,730,128	78,697,103	65.73%	41,033,025	34.27%

Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



[View larger map](#)

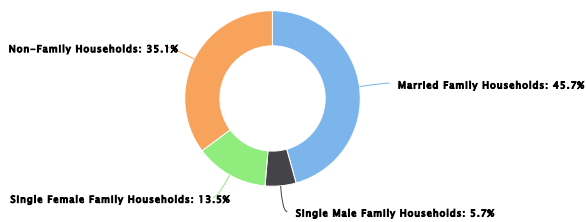
Family Households, Percent by Tract, ACS 2014-18



Households by Composition and Relationship to Householder

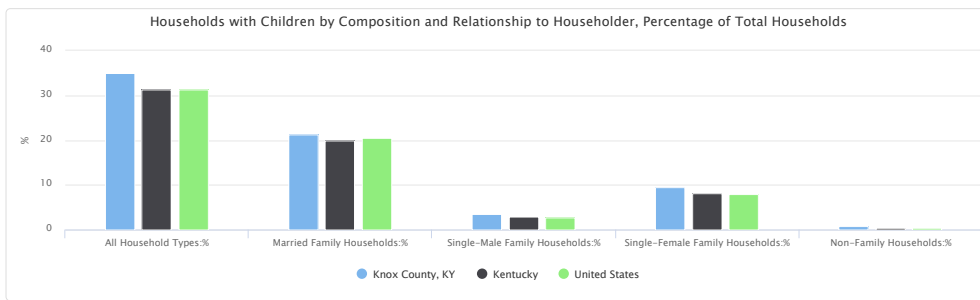
Report Area	Total Households	Married Family Households	Single Male Family Households	Single Female Family Households	Non-Family Households
Knox County, KY	12,270	5,605	699	1,654	4,312
Kentucky	1,728,681	836,598	82,763	216,348	592,972
United States	119,730,128	57,816,948	5,821,975	15,058,180	41,033,025

Households by Composition and Relationship to Householder
Knox County, KY



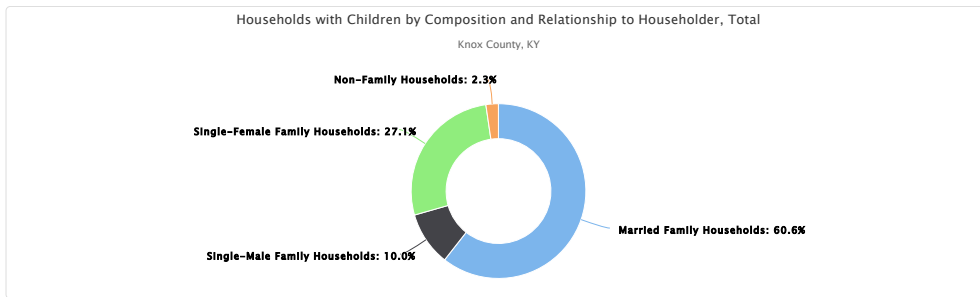
Households with Children by Composition and Relationship to Householder, Percentage of Total Households

Report Area	All Household Types	Married Family Households	Single-Male Family Households	Single-Female Family Households	Non-Family Households
Knox County, KY	34.97%	21.19%	3.50%	9.48%	0.81%
Kentucky	31.27%	19.82%	2.82%	8.17%	0.45%
United States	31.38%	20.43%	2.70%	7.96%	0.29%



Households with Children by Composition and Relationship to Householder, Total

Report Area	All Household Types	Married Family Households	Single-Male Family Households	Single-Female Family Households	Non-Family Households
Knox County, KY	4,291	2,600	429	1,163	99
Kentucky	540,581	342,689	48,814	141,239	7,839
United States	37,574,321	24,459,152	3,235,764	9,534,082	345,323

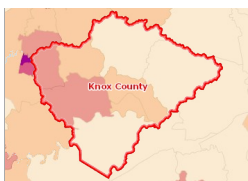


Urban and Rural Population

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
Knox County, KY	31,883	11,821	20,062	37.08%	62.92%
Kentucky	4,339,367	2,533,343	1,806,024	58.38%	41.62%
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



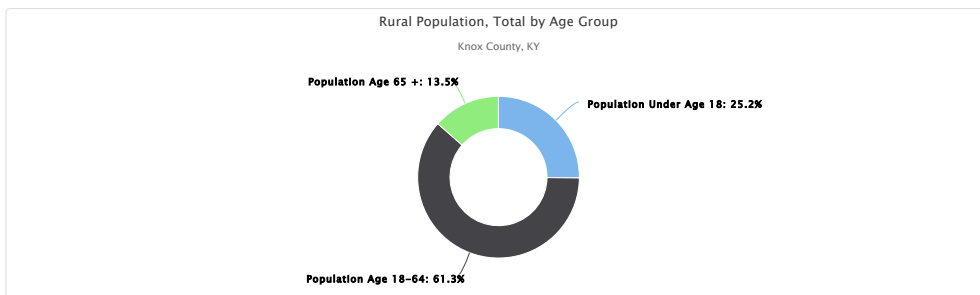
[View larger map](#)

Urban Population, Percent by Tract, US Census 2010

- 100% Urban Population
- 90.1 - 99.9%
- 50.1 - 90.0%
- Under 50.1%
- No Urban Population
- No Data or Data Suppressed
- Knox County, KY

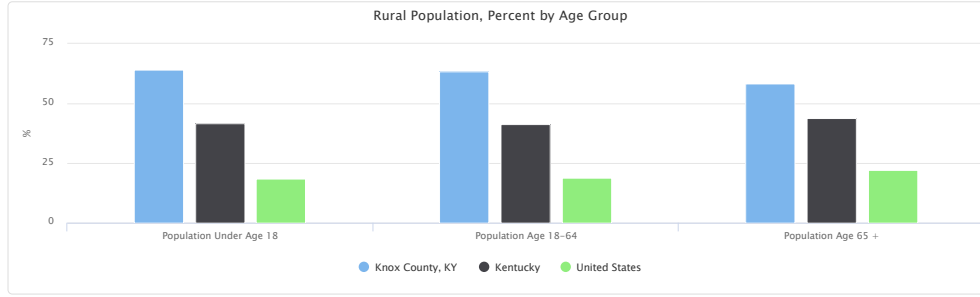
Rural Population, Total by Age Group

Report Area	Population Under Age 18	Population Age 18-64	Population Age 65 +
Knox County, KY	5,046	12,307	2,709
Kentucky	425,603	1,126,551	253,870
United States	13,907,394	36,734,957	9,082,449



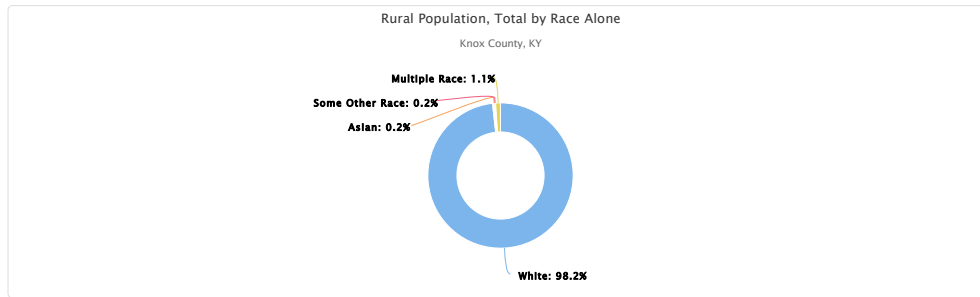
Rural Population, Percent by Age Group

Report Area	Population Under Age 18	Population Age 18-64	Population Age 65 +
Knox County, KY	64.17%	63.54%	58.26%
Kentucky	41.59%	41.15%	43.90%
United States	18.52%	18.69%	22.26%



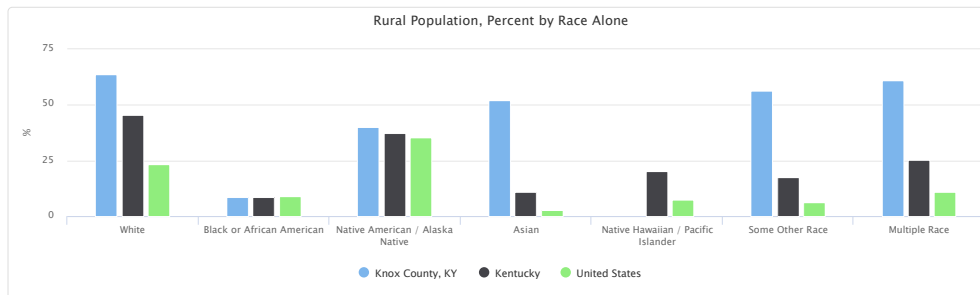
Rural Population, Total by Race Alone

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	19,710	30	28	35	0	45	214
Kentucky	1,738,956	28,839	3,794	5,278	510	9,759	18,888
United States	52,457,879	3,533,008	1,043,048	399,200	40,683	1,242,870	1,008,112



Rural Population, Percent by Race Alone

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	63.65%	8.67%	40.00%	52.24%	0.00%	56.25%	61.14%
Kentucky	45.65%	8.54%	37.49%	10.79%	20.39%	17.57%	25.11%
United States	23.17%	8.97%	35.33%	2.72%	7.53%	6.41%	11.04%



Social & Economic Factors

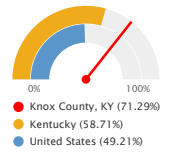
Economic and social insecurity often are associated with poor health. Poverty, unemployment, and lack of educational achievement affect access to care and a community's ability to engage in healthy behaviors. Without a network of support and a safe community, families cannot thrive. Ensuring access to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

Children Eligible for Free/Reduced Price Lunch

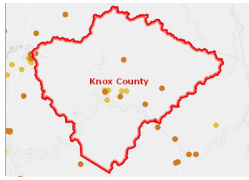
Within the report area 3,810 public school students or 71.29% are eligible for Free/Reduced Price lunch out of 5,344 total students enrolled. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs. Additionally, when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

Report Area	Total Students	Number Free/Reduced Price Lunch Eligible	Percent Free/Reduced Price Lunch Eligible
Knox County, KY	5,344	3,810	71.29%
Kentucky	684,017	401,614	58.71%
United States	50,737,716	24,970,187	49.21%

Percent Students Eligible for Free or Reduced Price Lunch

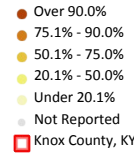


Note: This indicator is compared to the state average.
Data Source: National Center for Education Statistics, *NCES - Common Core of Data*, 2016-17. Source geography: Address



[View larger map](#)

Students Eligible for Free or Reduced-Price Lunch, NCES CCD 2016-17

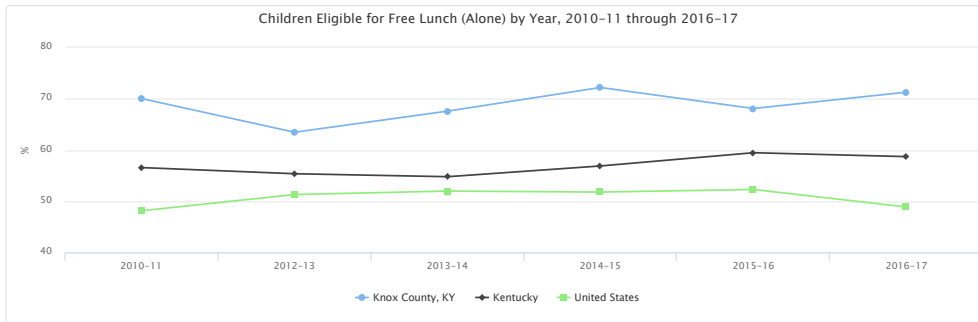


Children Eligible for Free Lunch (Alone) by Year, 2010-11 through 2016-17

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	2015-16	2016-17
Knox County, KY	70.03%	63.47%	67.59%	72.20%	68.10%	71.29%
Kentucky	56.57%	55.37%	54.79%	56.89%	59.47%	58.71%
United States	48.15%	51.31%	51.99%	51.79%	52.30%	48.88%

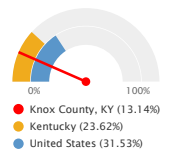


Education - Bachelor's Degree or Higher

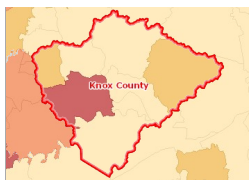
13.14% of the population aged 25 and older, or 2,772 have obtained a Bachelor's level degree or higher. This indicator is relevant because educational attainment has been linked to positive health outcomes.

Report Area	Total Population Age 25+	Population Age 25+ with Bachelor's Degree or Higher	Percent Population Age 25+ with Bachelor's Degree or Higher
Knox County, KY	21,103	2,772	13.14%
Kentucky	3,004,004	709,603	23.62%
United States	218,446,071	68,867,051	31.53%

Percent Population Age 25+ with Bachelor's Degree or Higher

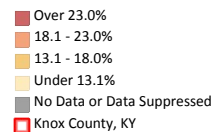


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, *American Community Survey*, 2014-18. Source geography: Tract



[View larger map](#)

Population with a Bachelor's Degree or Higher, Percent by Tract, ACS 2014-18



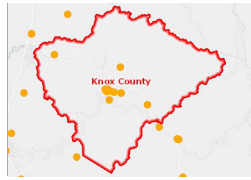
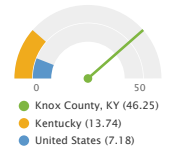
Education - Head Start

This indicator reports the number and rate of Head Start program facilities per 10,000 children under age 5. Head Start facility data is acquired from the US Department of Health and Human Services (HHS) 2018 Head Start locator. Population data is from the 2010 US Decennial Census.

Report Area	Total Children Under Age 5	Total Head Start Programs	Head Start Programs, Rate (Per 10,000 Children)
Knox County, KY	2,162	12	46.25
Kentucky	282,367	473	13.74
United States	20,426,118	18,886	7.18

Note: This indicator is compared to the state average.
 Data Source: US Department of Health & Human Services, Administration for Children and Families, 2019. Source geography: Point

Head Start Programs Rate (Per 10,000 Children Under Age 5)



[View larger map](#)

- Head Start Facilities, All Facilities, ACF 2019
- Knox County, KY

Education - High School Graduation Rate

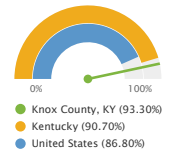
Within the report area 93.30% of students are receiving their high school diploma within four years. Data represents the 2016-17 school year.

This indicator is relevant because research suggests education is one the strongest predictors of health (Freudenberg & Ruglis, 2007).

Report Area	Total Student Cohort	Estimated Number of Diplomas Issued	Cohort Graduation Rate
Knox County, KY	374	349	93.30%
Kentucky	48,051	43,573	90.70%
United States	3,095,906	2,688,701	86.80%

Note: This indicator is compared to the state average.
 Data Source: US Department of Education, EDData. Accessed via DATA.GOV. Additional data analysis by CARES, 2016-17. Source geography: School District

Cohort Graduation Rate



[View larger map](#)

On-Time Graduation, Rate by School District (Secondary), EDData 2016-17

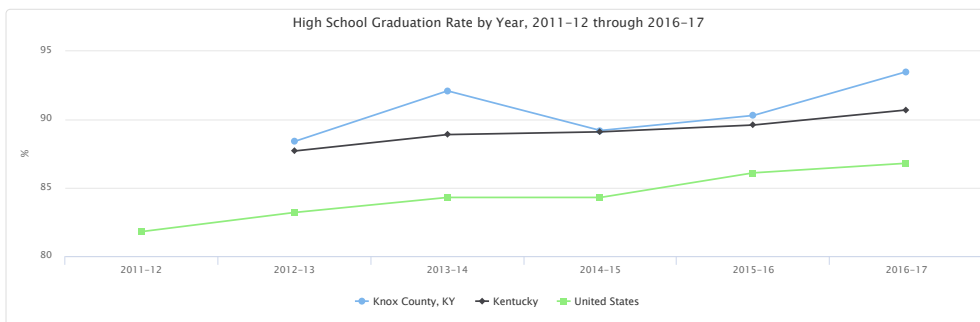
- Over 94.0%
- 85.1 - 94.0%
- 75.1 - 85.0%
- Under 75.1%
- No Data or Data Suppressed
- Knox County, KY

High School Graduation Rate by Year, 2011-12 through 2016-17

The table below shows local, state, and National trends in cohort graduation rates.

Note: Data for some states are omitted each year when they fail to meet federal reporting standards or deadlines. Use caution when comparing national trends as the "universe" population may differ over time.

Report Area	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Knox County, KY	No data	88.40%	92.10%	89.20%	90.30%	93.50%
Kentucky	No data	87.70%	88.90%	89.10%	89.60%	90.70%
United States	81.80%	83.20%	84.30%	84.30%	86.10%	86.80%

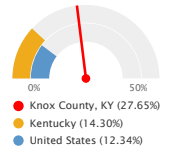


Education - No High School Diploma

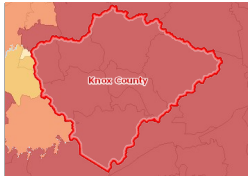
Within the report area there are 5,836 persons aged 25 and older without a high school diploma (or equivalency) or higher. This represents 27.65% of the total population aged 25 and older. This indicator is relevant because educational attainment is linked to positive health outcomes (Freudenberg & Ruglis, 2007).

Report Area	Total Population Age 25+	Population Age 25+ with No High School Diploma	Percent Population Age 25+ with No High School Diploma
Knox County, KY	21,103	5,836	27.65%
Kentucky	3,004,004	429,573	14.30%
United States	218,446,071	26,948,057	12.34%

Percent Population Age 25+ with No High School Diploma

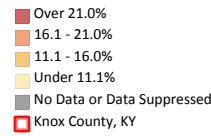


Note: This indicator is compared to the state average.
 Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



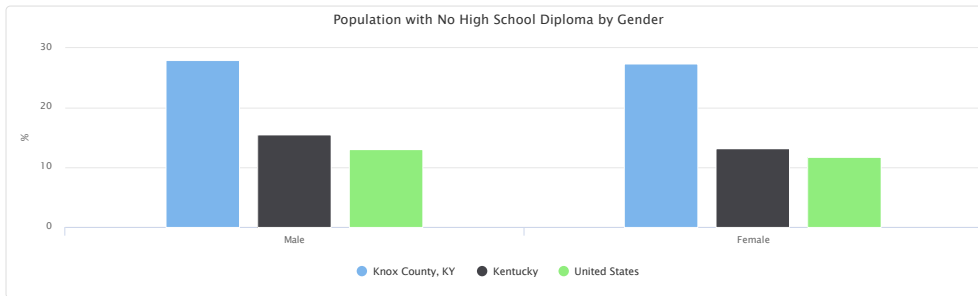
[View larger map](#)

Population with No High School Diploma (Age 25+), Percent by Tract, ACS 2014-18



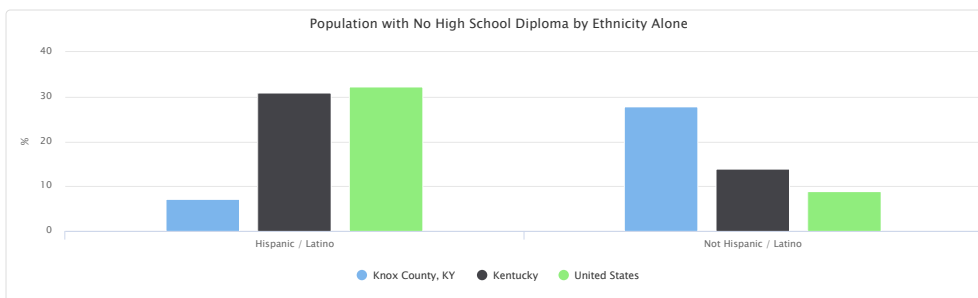
Population with No High School Diploma by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Knox County, KY	2,774	3,062	27.93%	27.41%
Kentucky	225,168	204,405	15.55%	13.14%
United States	13,752,210	13,195,847	13.03%	11.69%



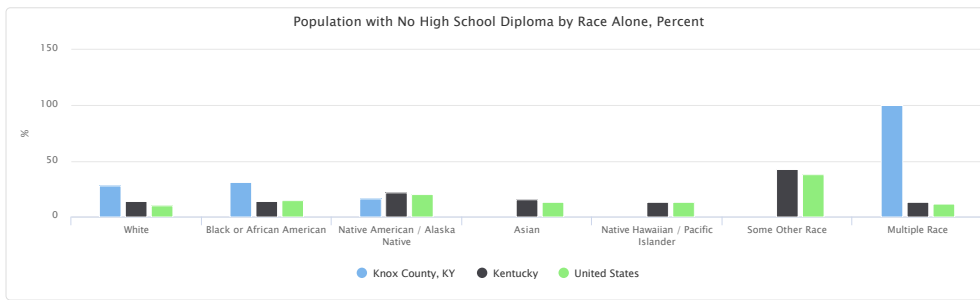
Population with No High School Diploma by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Knox County, KY	13	5,823	7.22%	27.83%
Kentucky	24,179	405,394	30.86%	13.86%
United States	10,485,405	16,462,652	32.30%	8.85%



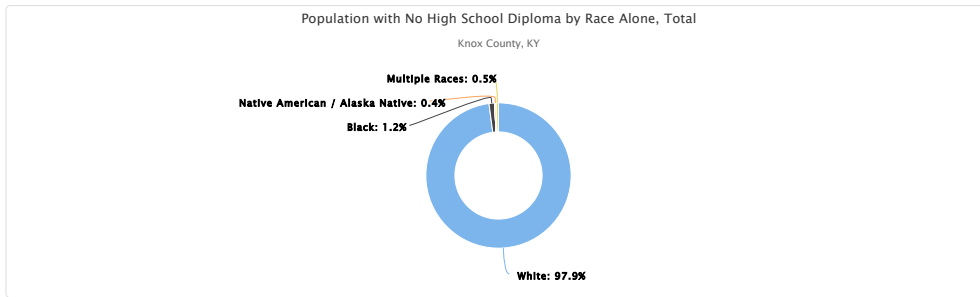
Population with No High School Diploma by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	27.69%	30.87%	16.03%	0.00%	No data	No data	100.00%
Kentucky	14.06%	14.05%	21.39%	15.63%	12.88%	43.13%	13.05%
United States	10.41%	14.58%	20.02%	13.18%	13.10%	38.05%	12.02%



Population with No High School Diploma by Race Alone, Total

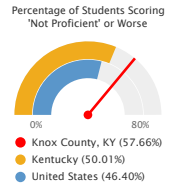
Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Knox County, KY	5,714	71	0	21	0	0	30
Kentucky	376,735	30,916	6,262	1,491	201	9,661	4,307
United States	17,139,502	3,784,442	1,629,131	333,586	47,861	3,491,195	522,340



Education - Student Reading Proficiency (4th Grade)

This indicator reports the percentage of children in grade 4 whose reading skills tested below the "proficient" level for the English Language Arts portion of the state-specific standardized test. This indicator is relevant because an inability to read English well is linked to poverty, unemployment, and barriers to healthcare access, provider communications, and health literacy/education.

Report Area	Total Students with Valid Test Scores	Percentage of Students Scoring 'Proficient' or Better	Percentage of Students Scoring 'Not Proficient' or Worse
Knox County, KY	429	42.34%	57.66%
Kentucky	52,340	49.99%	50.01%
United States	3,569,598	50.79%	46.40%



Note: This indicator is compared to the state average.
Data Source: US Department of Education, EDData. Accessed via DATA.GOV. 2016-17. Source geography: School District



[View larger map](#)

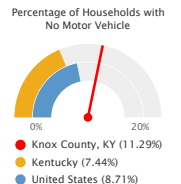
Language Arts Test Scores, Grade 4, Percent Not Proficient by County, EDData 2016-17

- Over 50.0%
- 30.1 - 50.0%
- 20.1 - 30.0%
- Under 20.1%
- No Data or Data Suppressed
- Knox County, KY

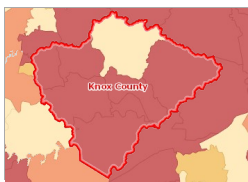
Households with No Motor Vehicle

This indicator reports the number and percentage of households with no motor vehicle based on the latest 5-year American Community Survey estimates.

Report Area	Total Occupied Households	Households with No Motor Vehicle	Percentage of Households with No Motor Vehicle
Knox County, KY	12,270	1,385	11.29%
Kentucky	1,728,681	128,588	7.44%
United States	119,730,128	10,424,934	8.71%

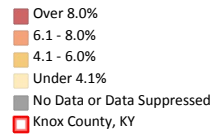


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



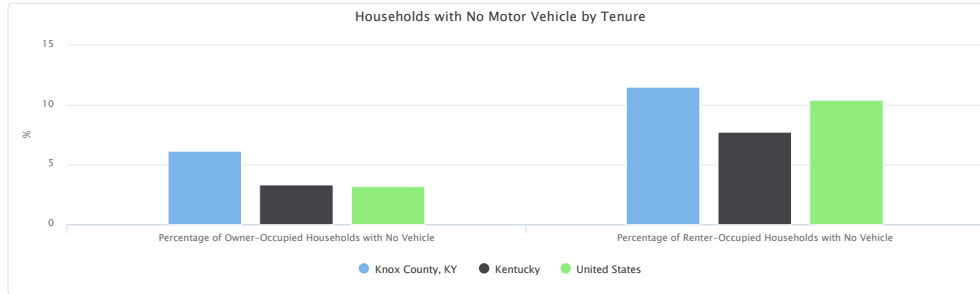
[View larger map](#)

Households with No Vehicle, Percent by Tract, ACS 2014-18



Households with No Motor Vehicle by Tenure

Report Area	Owner-Occupied Households with No Vehicle	Percentage of Owner-Occupied Households with No Vehicle	Renter-Occupied Households with No Vehicle	Percentage of Renter-Occupied Households with No Vehicle
Knox County, KY	481	6.14%	904	11.54%
Kentucky	38,699	3.34%	89,889	7.76%
United States	2,430,345	3.18%	7,994,589	10.46%

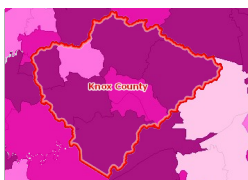
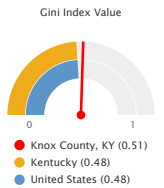


Income - Inequality (GINI Index)

This indicator reports income inequality using the Gini coefficient. Gini index values range between zero and one. A value of one indicates perfect inequality where only one household has any income. A value of zero indicates perfect equality, where all households have equal income. Index values are acquired from the 2014-18 American Community Survey and are not available for custom report areas or multi-county areas.

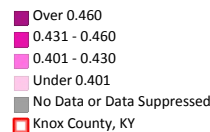
Report Area	Total Households	Gini Index Value
Knox County, KY	12,270	0.51
Kentucky	1,728,681	0.48
United States	119,730,128	0.48

Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



[View larger map](#)

Income Inequality (GINI), Index Value by Tract, ACS 2014-18

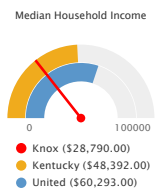


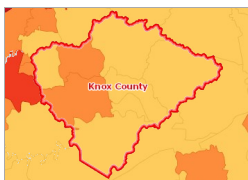
Income - Median Household Income

This indicator reports median household income based on the latest 5-year American Community Survey estimates. This includes the income of the householder and all other individuals 15 years old and over in the household, whether they are related to the householder or not. Because many households consist of only one person, average household income is usually less than average family income.

Report Area	Total Households	Average Household Income	Median Household Income
Knox County, KY	12,270	\$42,570.00	\$28,790.00
Kentucky	1,728,681	\$67,110.00	\$48,392.00
United States	119,730,128	\$84,938.00	\$60,293.00

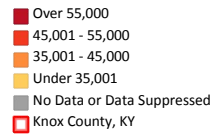
Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract





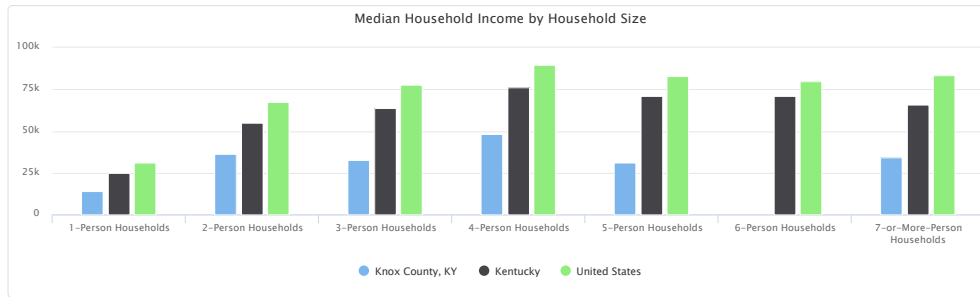
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Median Household Income by Tract, ACS 2014-18



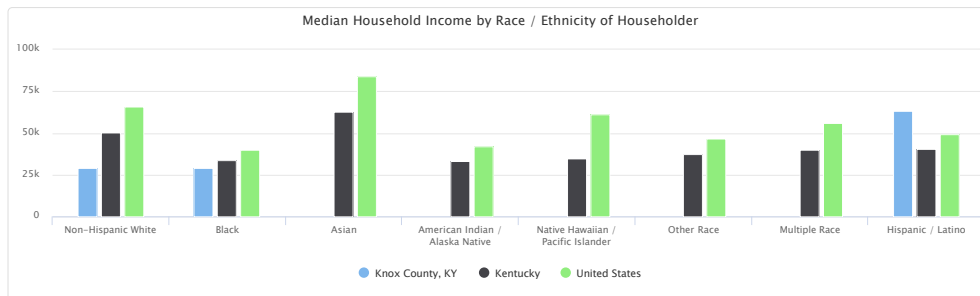
Median Household Income by Household Size

Report Area	1-Person Households	2-Person Households	3-Person Households	4-Person Households	5-Person Households	6-Person Households	7-or-More-Person Households
Knox County, KY	\$13,984.00	\$36,494.00	\$32,875.00	\$48,338.00	\$31,118.00	No data	\$34,063.00
Kentucky	\$24,801.00	\$54,858.00	\$63,663.00	\$76,151.00	\$71,222.00	\$71,002.00	\$65,974.00
United States	\$31,027.00	\$67,304.00	\$77,463.00	\$89,780.00	\$82,776.00	\$79,540.00	\$83,321.00



Median Household Income by Race / Ethnicity of Householder

Report Area	Non-Hispanic White	Black	Asian	American Indian / Alaska Native	Native Hawaiian / Pacific Islander	Other Race	Multiple Race	Hispanic / Latino
Knox County, KY	\$28,930.00	\$29,091.00	No data	No data	No data	No data	No data	\$63,141.00
Kentucky	\$50,398.00	\$33,642.00	\$62,655.00	\$33,200.00	\$34,885.00	\$37,116.00	\$40,146.00	\$40,559.00
United States	\$65,912.00	\$40,155.00	\$83,898.00	\$41,879.00	\$61,354.00	\$46,650.00	\$56,060.00	\$49,225.00



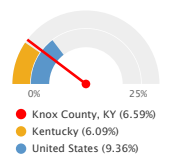
Insurance - Uninsured Population

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

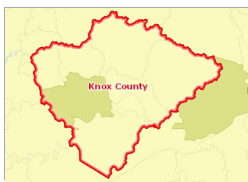
In the report area 6.59% of the total civilian non-institutionalized population are without health insurance coverage. The rate of uninsured persons in the report area is greater than the state average of 6.09%. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population (For Whom Insurance Status is Determined)	Total Uninsured Population	Percent Uninsured Population
Knox County, KY	31,112	2,049	6.59%
Kentucky	4,357,195	265,416	6.09%
United States	317,941,631	29,752,767	9.36%

Percent Uninsured Population

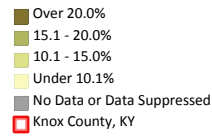


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



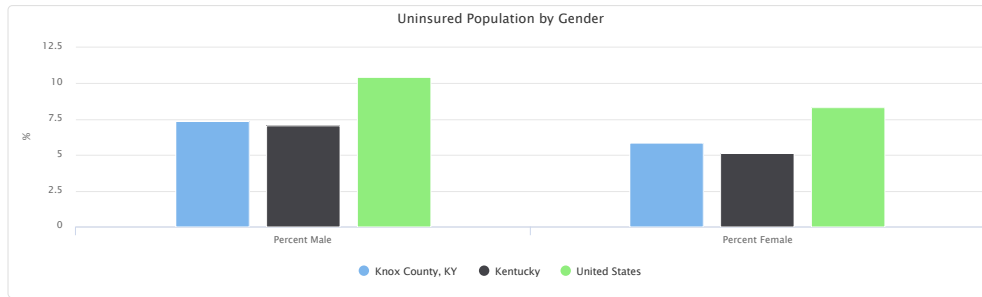
[View larger map](#)

Uninsured Population, Percent by Tract, ACS 2014-18



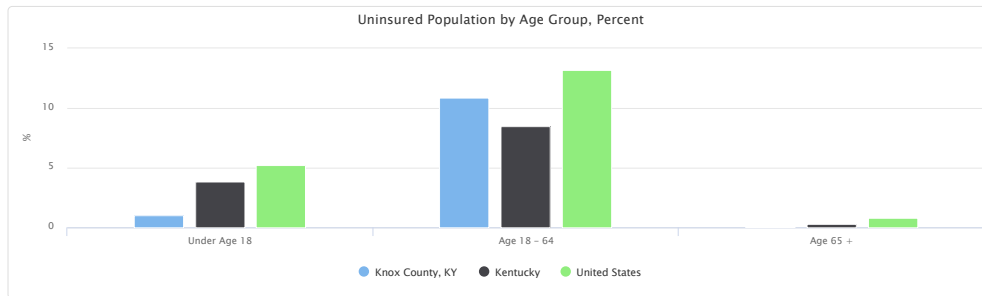
Uninsured Population by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Knox County, KY	1,118	931	7.36%	5.85%
Kentucky	150,559	114,857	7.07%	5.15%
United States	16,190,262	13,562,505	10.42%	8.34%



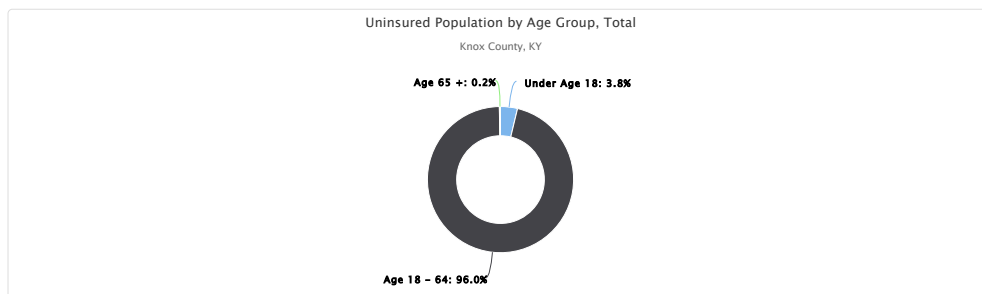
Uninsured Population by Age Group, Percent

Report Area	Under Age 18	Age 18 - 64	Age 65 +
Knox County, KY	0.98%	10.87%	0.10%
Kentucky	3.84%	8.49%	0.29%
United States	5.22%	13.16%	0.82%



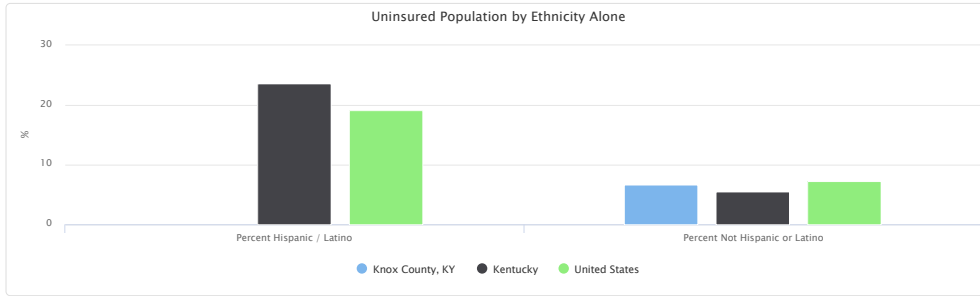
Uninsured Population by Age Group, Total

Report Area	Under Age 18	Age 18 - 64	Age 65 +
Knox County, KY	77	1,967	5
Kentucky	41,127	222,320	1,969
United States	4,062,804	25,296,642	393,321



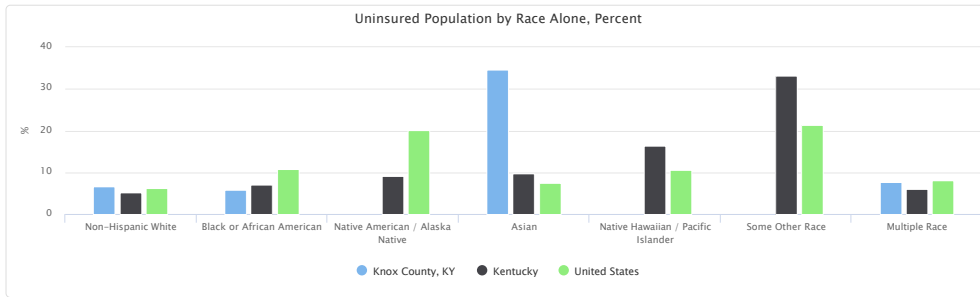
Uninsured Population by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic or Latino
Knox County, KY	0	2,049	0.00%	6.66%
Kentucky	36,625	228,791	23.65%	5.44%
United States	10,886,179	18,866,588	19.17%	7.22%



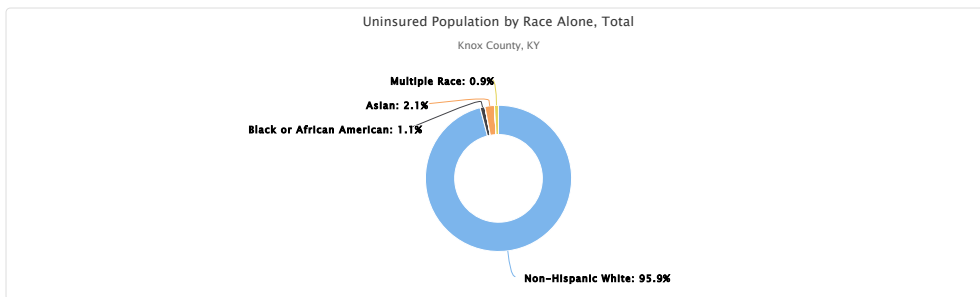
Uninsured Population by Race Alone, Percent

Report Area	Non-Hispanic White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	6.59%	5.76%	0.00%	34.68%	No data	0.00%	7.59%
Kentucky	5.22%	7.06%	9.13%	9.64%	16.45%	33.21%	5.94%
United States	6.31%	10.82%	20.12%	7.53%	10.61%	21.31%	8.13%



Uninsured Population by Race Alone, Total

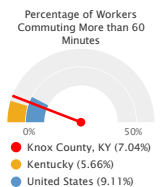
Report Area	Non-Hispanic White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	1,966	22	0	43	0	0	18
Kentucky	193,231	23,912	855	6,006	444	14,327	5,823
United States	12,272,640	4,292,174	529,847	1,315,879	60,430	3,324,190	834,741



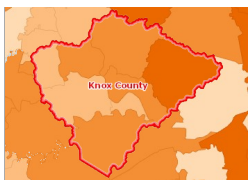
Population Commuting to Work Over 60 Minutes

This indicator reports the percentage of the population that commutes to work for over 60 minutes each direction.

Report Area	Population Age 16+ that Commutes to Work	Population Commuting More than 60 Minutes	Percentage Commuting More than 60 Minutes
Knox County, KY	9,784	689	7.04%
Kentucky	1,859,975	105,358	5.66%
United States	143,148,111	13,033,642	9.11%

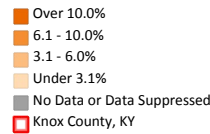


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



[View larger map](#)

Workers Commuting Over 60 Minutes, Percent by Tract, ACS 2014-18



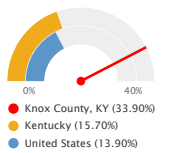
Population Receiving SNAP Benefits (SAIPE)

This indicator reports the average percentage of the population receiving the Supplemental Nutrition Assistance Program (SNAP) benefits between the months of July 2014 and July 2015. 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.

Report Area	Total Population	Population Receiving SNAP Benefits	Percent Population Receiving SNAP Benefits
Knox County, KY	31,730.00	10,756	33.90%
Kentucky	4,425,092.00	692,409	15.70%
United States	321,396,328.00	44,567,069	13.90%

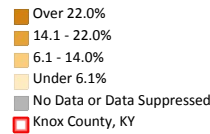
Note: This indicator is compared to the state average.
Data Source: US Census Bureau, Small Area Income & Poverty Estimates, 2015. Source geography: County

Percent Population Receiving SNAP Benefits



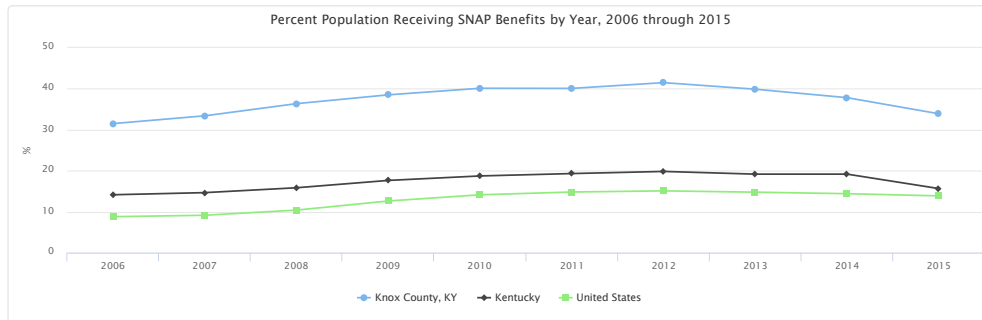
[View larger map](#)

Population Receiving SNAP Benefits, Percent by County, SAIPE 2015



Percent Population Receiving SNAP Benefits by Year, 2006 through 2015

Report Area	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Knox County, KY	31.50%	33.40%	36.37%	38.52%	40.12%	40.09%	41.49%	39.89%	37.82%	33.90%
Kentucky	14.14%	14.66%	15.85%	17.64%	18.73%	19.31%	19.83%	19.17%	19.17%	15.65%
United States	8.79%	9.14%	10.4%	12.62%	14.13%	14.81%	15.09%	14.77%	14.4%	13.87%



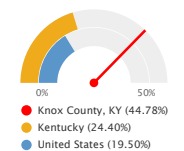
Poverty - Children Below 100% FPL

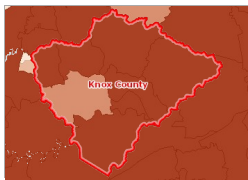
In the report area 44.78% or 3,220 children aged 0-17 are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population Under Age 18	Population Under Age 18 in Poverty	Percent Population Under Age 18 in Poverty
Knox County, KY	30,517	7,190	3,220	44.78%
Kentucky	4,302,315	988,973	241,325	24.40%
United States	314,943,184	72,382,641	14,117,014	19.50%

Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract

Percent Population Under Age 18 in Poverty





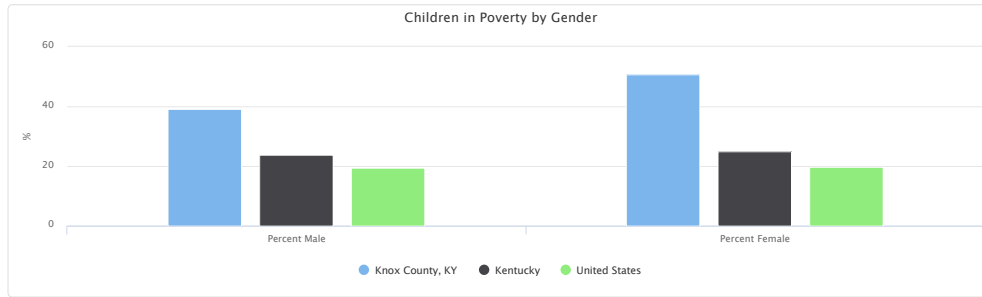
[View larger map](#)

Population Below the Poverty Level, Children (Age 0-17), Percent by Tract, ACS 2014-18

- Over 30.0%
- 22.6 - 30.0%
- 15.1 - 22.5%
- Under 15.1%
- No Population Age 0-17 Reported
- No Data or Data Suppressed
- Knox County, KY

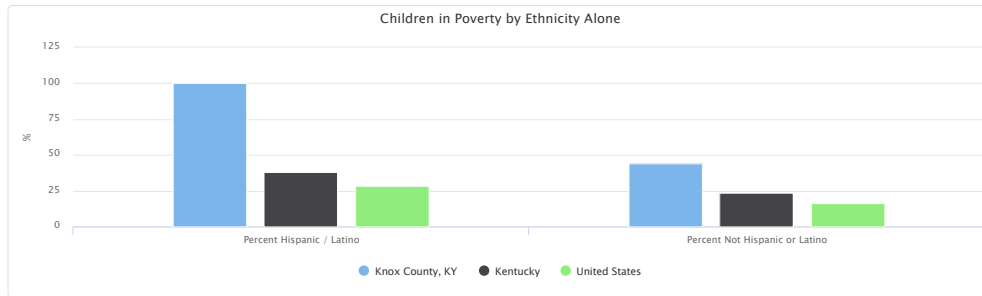
Children in Poverty by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Knox County, KY	1,444	1,776	39.09%	50.80%
Kentucky	120,879	120,446	23.83%	25.00%
United States	7,173,125	6,943,889	19.41%	19.60%



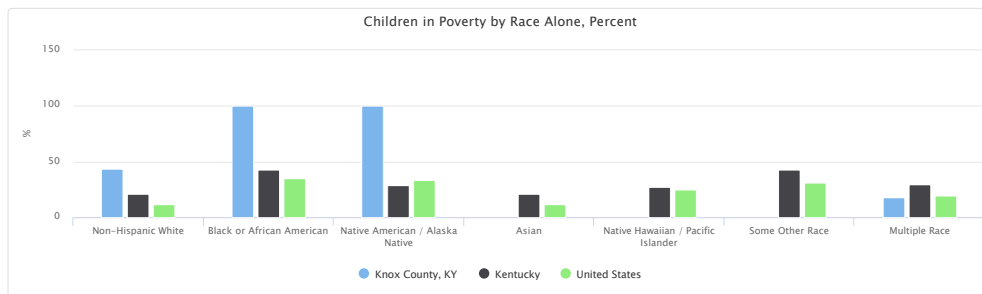
Children in Poverty by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic or Latino
Knox County, KY	125	3,095	100.00%	43.81%
Kentucky	22,727	218,598	38.19%	23.52%
United States	5,127,592	8,989,422	28.36%	16.55%



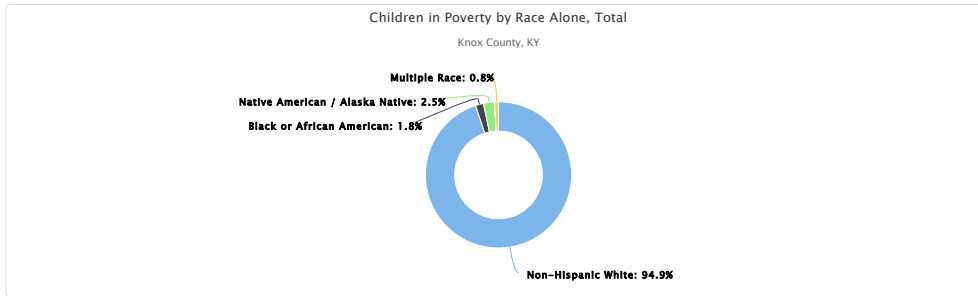
Children in Poverty by Race Alone, Percent

Report Area	Non-Hispanic White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	43.40%	100.00%	100.00%	0.00%	No data	No data	18.06%
Kentucky	21.22%	42.41%	29.01%	21.29%	27.47%	42.88%	29.47%
United States	11.69%	34.79%	33.21%	11.29%	24.79%	31.16%	19.64%



Children in Poverty by Race Alone, Total

Report Area	Non-Hispanic White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	2,938	55	76	0	0	0	26
Kentucky	165,279	36,587	582	3,342	225	6,714	15,200
United States	4,306,236	3,522,808	236,154	392,859	35,459	1,442,736	926,442

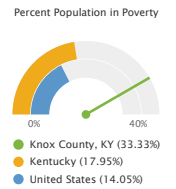


Poverty - Population Below 100% FPL

Poverty is considered a *key driver* of health status.

Within the report area 33.33% or 10,171 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.

Report Area	Total Population	Population in Poverty	Percent Population in Poverty
Knox County, KY	30,517	10,171	33.33%
Kentucky	4,302,315	772,080	17.95%
United States	314,943,184	44,257,979	14.05%

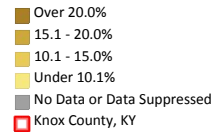


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



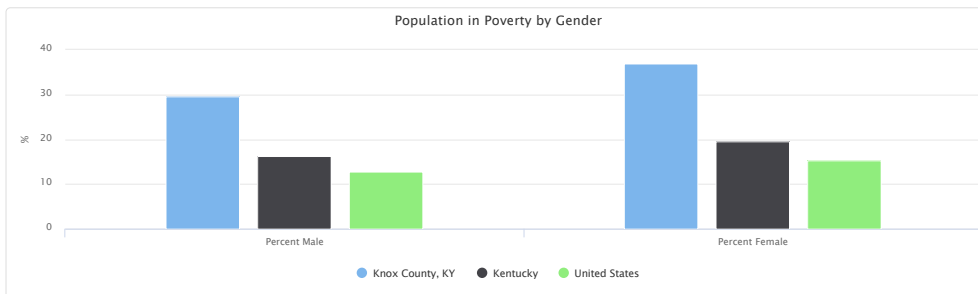
[View larger map](#)

Population Below the Poverty Level, Percent by Tract, ACS 2014-18



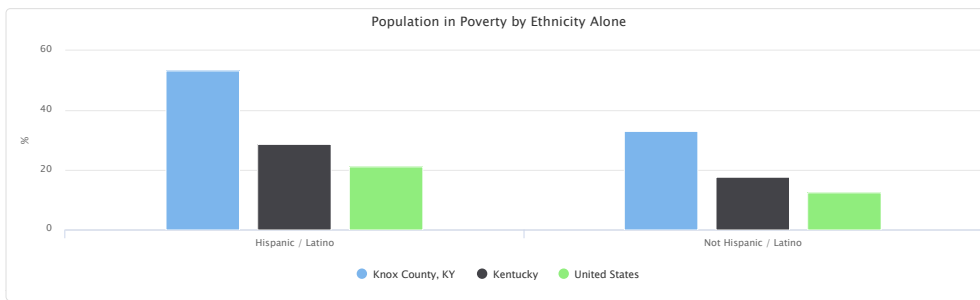
Population in Poverty by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Knox County, KY	4,389	5,782	29.57%	36.88%
Kentucky	343,398	428,682	16.30%	19.53%
United States	19,737,150	24,520,829	12.80%	15.26%



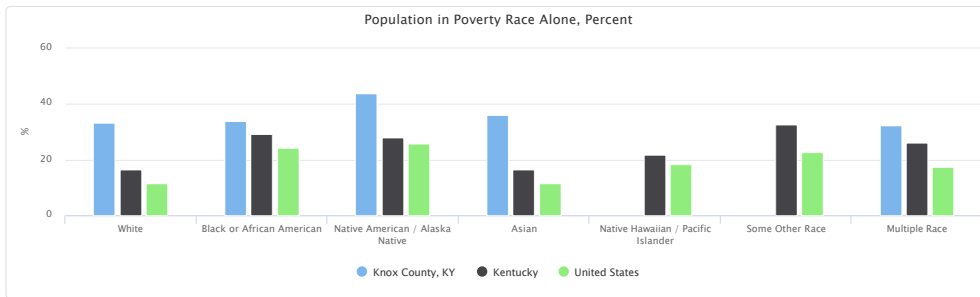
Population in Poverty by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Knox County, KY	159	10,012	53.36%	33.13%
Kentucky	44,053	728,027	28.83%	17.54%
United States	11,849,315	32,408,664	21.02%	12.53%



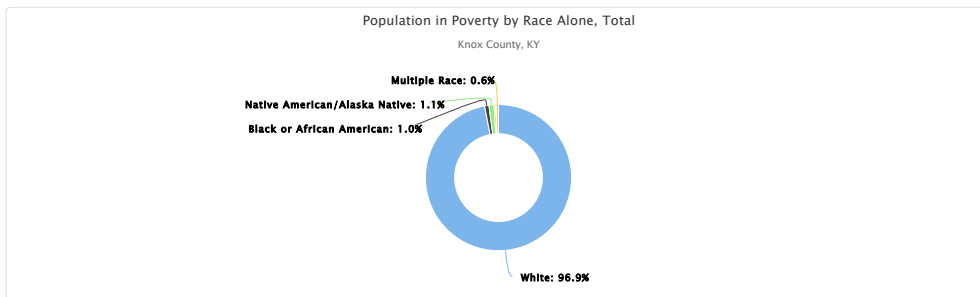
Population in Poverty Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	33.23%	33.79%	43.68%	36.13%	No data	No data	32.18%
Kentucky	16.58%	29.20%	27.90%	16.60%	21.87%	32.56%	26.01%
United States	11.64%	24.19%	25.84%	11.55%	18.29%	22.58%	17.51%



Population in Poverty by Race Alone, Total

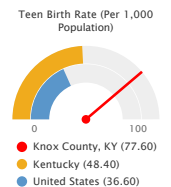
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Knox County, KY	9,860	98	114	43	0	0	56
Kentucky	623,130	97,178	2,628	10,211	585	13,656	24,692
United States	26,730,734	9,490,587	673,665	1,989,768	103,304	3,497,625	1,772,296



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 Population Age 15 - 19	Births to Mothers Age 15 - 19	Teen Birth Rate (Per 1,000 Population)
Knox County, KY	1,139	88	77.60
Kentucky	144,688	7,003	48.40
United States	10,736,677	392,962	36.60

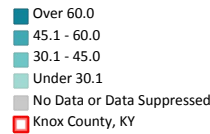


Note: This indicator is compared to the state average.
 Data Source: US Department of Health & Human Services, Health Indicators Warehouse, Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER, 2006-12. Source geography: County



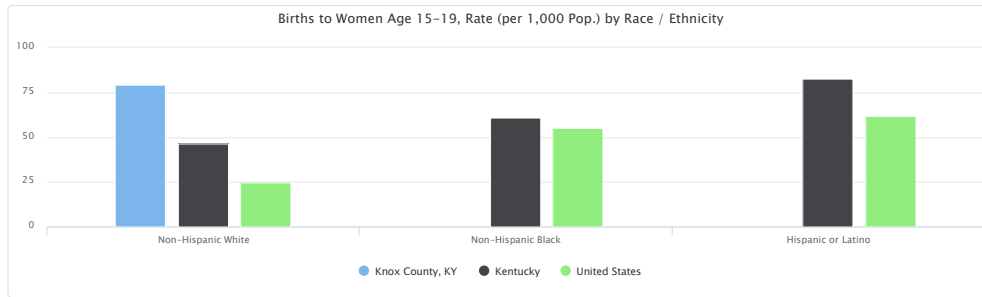
[View larger map](#)

Births to Females Age 15-19, Rate (Per 1,000 Pop.) by County, NVSS 2006-12



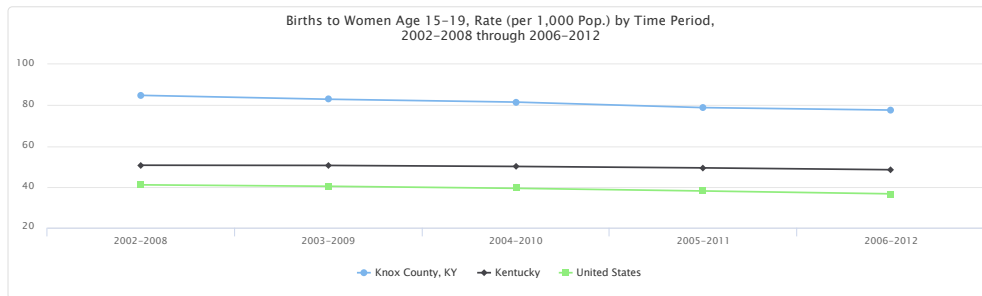
Births to Women Age 15-19, Rate (per 1,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic or Latino
Knox County, KY	79.20	No data	No data
Kentucky	46.20	60.70	82.50
United States	24.60	54.90	62.00



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

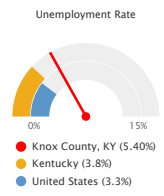
Report Area	2002-2008	2003-2009	2004-2010	2005-2011	2006-2012
Knox County, KY	84.80	82.90	81.50	78.80	77.60
Kentucky	50.60	50.50	50.00	49.30	48.40
United States	41.00	40.30	39.30	38.00	36.60



Unemployment Rate

Total unemployment in the report area for the current month equals 555, or 5.40% of the civilian non-institutionalized population age 16 and older (non-seasonally adjusted). This indicator is relevant because unemployment creates financial instability and barriers to access including insurance coverage, health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Labor Force	Number Employed	Number Unemployed	Unemployment Rate
Knox County, KY	10,294	9,739	555	5.40%
Kentucky	2,088,173	2,007,785	80,388	3.8%
United States	165,431,597	159,902,120	5,529,477	3.3%

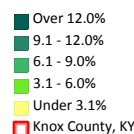


Note: This indicator is compared to the state average.
Data Source: US Department of Labor, Bureau of Labor Statistics. 2019 - November. Source geography: County



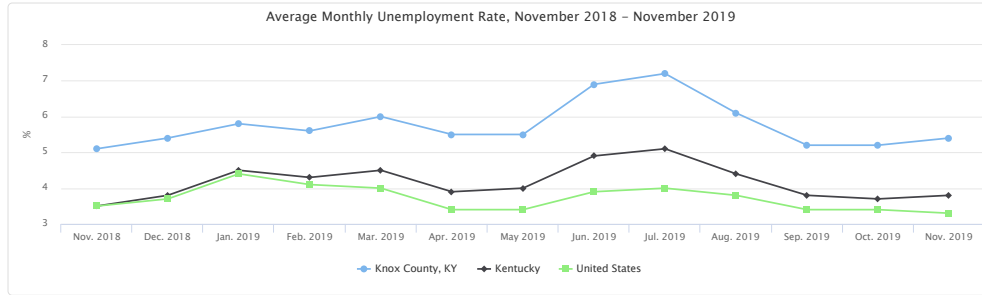
[View larger map](#)

Unemployment, Rate by County, BLS 2019 - November



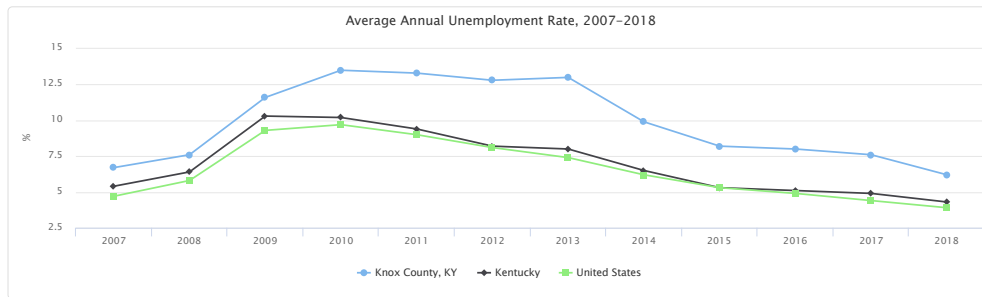
Average Monthly Unemployment Rate, November 2018 - November 2019

Report Area	Nov. 2018	Dec. 2018	Jan. 2019	Feb. 2019	Mar. 2019	Apr. 2019	May 2019	Jun. 2019	Jul. 2019	Aug. 2019	Sep. 2019	Oct. 2019	Nov. 2019
Knox County, KY	5.10%	5.40%	5.80%	5.60%	6.00%	5.50%	5.50%	6.90%	7.20%	6.10%	5.20%	5.20%	5.40%
Kentucky	3.5%	3.8%	4.5%	4.3%	4.5%	3.9%	4.0%	4.9%	5.1%	4.4%	3.8%	3.7%	3.8%
United States	3.5%	3.7%	4.4%	4.1%	4.0%	3.4%	3.4%	3.9%	4.0%	3.8%	3.4%	3.4%	3.3%



Average Annual Unemployment Rate, 2007-2018

Report Area	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Knox County, KY	6.70%	7.60%	11.60%	13.50%	13.30%	12.80%	13.00%	9.90%	8.20%	8.00%	7.60%	6.20%
Kentucky	5.40%	6.40%	10.30%	10.20%	9.40%	8.20%	8.00%	6.50%	5.30%	5.10%	4.90%	4.30%
United States	4.7%	5.8%	9.3%	9.7%	9.0%	8.1%	7.4%	6.2%	5.3%	4.9%	4.4%	3.9%

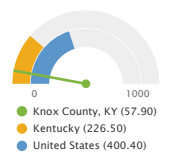


Violent Crime

This indicator reports information about violent crime offenses reported by law enforcement. In the report area, 29,906.00 violent crimes occurred during the 2014-16 three year period. The violent crime rate of 52 which is lower than the statewide rate of 30,445. Violent crime includes homicide, rape, robbery, and aggravated assault.

Report Area	Total Population	Violent Crimes	Violent Crime Rate (Per 100,000 Pop.)
Knox County, KY	29,906.00	52	57.90
Kentucky	4,478,591.00	30,445	226.50
United States	332,574,702.00	3,995,335	400.40

Violent Crime Rate (Per 100,000 Pop.)



Note: This indicator is compared to the state average.
Data Source: Federal Bureau of Investigation, FBI Uniform Crime Reports. Additional analysis by the National Archive of Criminal Justice Data. Accessed via the Inter-university Consortium for Political and Social Research, 2015-17. Source geography: County



[View larger map](#)

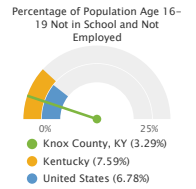
Violent Crimes, All, Rate (Per 100,000 Pop.) by County, FBI UCR 2015-17

- Over 380.0
- 260.1 - 380.0
- 180.1 - 260.0
- 100.1 - 180.0
- Under 100.1
- No Data or Data Suppressed
- Knox County, KY

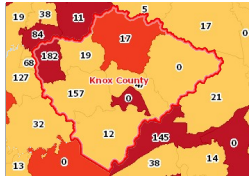
Young People Not in School and Not Working

This indicator reports the percentage of youth age 16-19 who are not currently enrolled in school and who are not employed.

Report Area	Population Age 16-19	Percentage of Population Age 16-19 Not in School and Not Employed
Knox County, KY	1,792	3.29%
Kentucky	232,157	7.59%
United States	17,021,831	6.78%



Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



[View larger map](#)

Youth Not Enrolled in School and Not Employed, Percent by Tract, ACS 2014-18
Knox County, KY

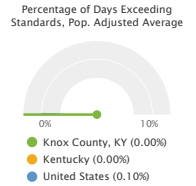
Physical Environment

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.

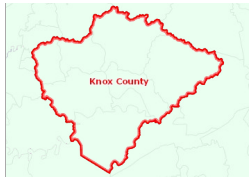
Air Quality - Particulate Matter 2.5

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 Area	Total Population	Average Daily Ambient Particulate Matter 2.5	Number of Days Exceeding Emissions Standards	Percentage of Days Exceeding Standards, Crude Average	Percentage of Days Exceeding Standards, Pop. Adjusted Average
Knox County, KY	31,883	9.35	0.00	0.00	0.00%
Kentucky	4,339,367	10.11	0.00	0.00	0.00%
United States	312,471,327	9.10	0.35	0.10	0.10%



Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network, 2012. Source geography: Tract



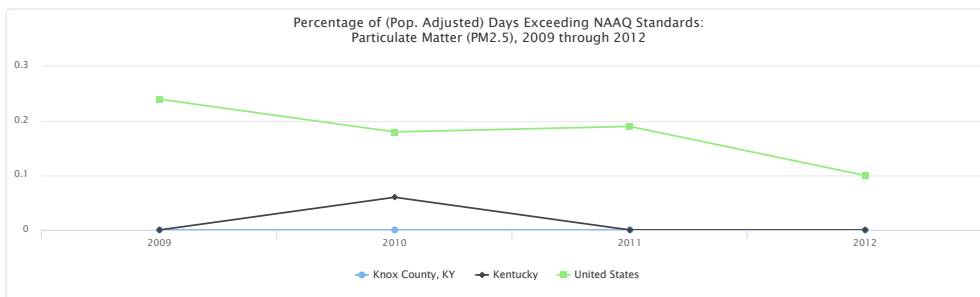
[View larger map](#)

Fine Particulate Matter Levels (PM 2.5), Percentage of Days Above NAAQ Standards by Tract, NEPHTN 2012

- Over 5.0%
- 1.1 - 5.0%
- 0.51 - 1.0%
- Under 0.51%
- No Days Above NAAQS Standards
- No Data or Data Suppressed
- Knox County, KY

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

Report Area	2009	2010	2011	2012
Knox County, KY	0.00	0.00	0.00	0.00
Kentucky	0.00	0.06	0.00	0.00
United States	0.24	0.18	0.19	0.10



Air Quality - Respiratory Hazard Index

This indicator reports the non-cancer respiratory hazard index score. This score represents the potential for noncancer adverse health effects, where scores less than 1.0 indicate adverse health effects are unlikely, and scores of 1.0 or more indicate a potential for adverse health effects.

Report Area	Total Population	Respiratory Hazard Index Score
Knox County, KY	31,883.00	1.51
Kentucky	4,339,349.00	1.57
United States	312,576,287.00	1.83

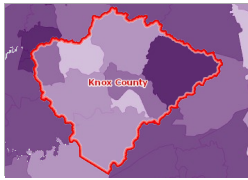
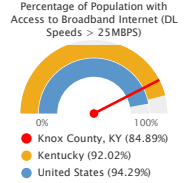
Data Source: EPA National Air Toxics Assessment.

Built Environment - Broadband Access

This indicator reports the percentage of population with access to high-speed internet. Data are based on the reported service area of providers offering download speeds of 25 MBPS or more and upload speeds of 3 MBPS or more. This data represent both wireline and fixed/terrestrial wireless internet providers. Cellular internet providers are not included. This indicator is important because access to technology opens up opportunities for employment and education.

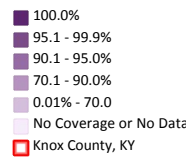
Report Area	Total Population (2010)	Access to DL Speeds > 25MBPS (2018)
Knox County, KY	31,883	84.89%
Kentucky	4,339,367	92.02%
United States	312,846,570	94.29%

Note: This indicator is compared to the state average.
Data Source: National Broadband Map, June 2018. Source geography: Tract



[View larger map](#)

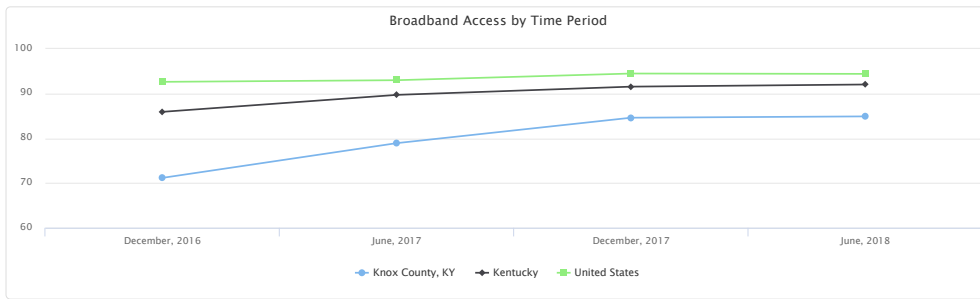
Broadband Access, Pct. Population in a High-Speed Internet Service Area by Tract, FCC June 2018



Broadband Access by Time Period

The table below displays temporal trends in high-speed internet availability.

Report Area	December, 2016	June, 2017	December, 2017	June, 2018
Knox County, KY	71.16	78.92	84.60	84.89
Kentucky	85.91	89.70	91.54	92.02
United States	92.61	92.98	94.47	94.39

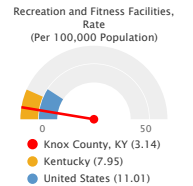


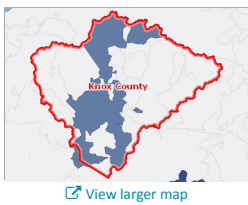
Built Environment - Recreation and Fitness Facility Access

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.

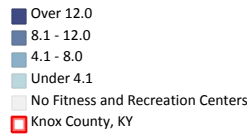
Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Knox County, KY	31,883	1	3.14
Kentucky	4,339,367	345	7.95
United States	308,745,538	33,980	11.01

Note: This indicator is compared to the state average.
Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES, 2016. Source geography: ZCTA



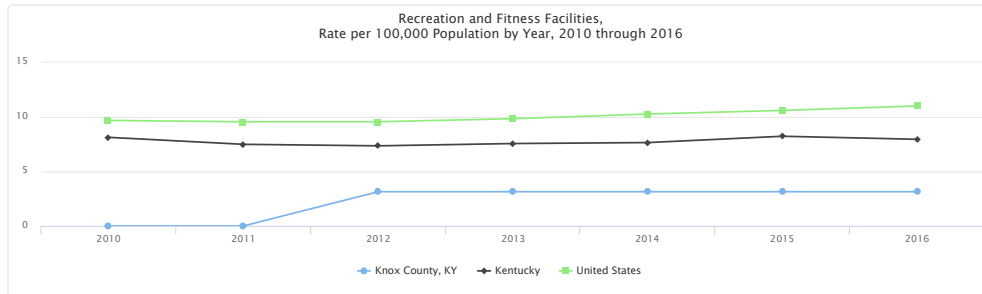


Recreation and Fitness Facilities, Rate (Per 100,000 Pop.) by ZCTA, CBP 2016



Recreation and Fitness Facilities, Rate per 100,000 Population by Year, 2010 through 2016

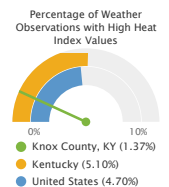
Report Area	2010	2011	2012	2013	2014	2015	2016
Knox County, KY	0	0	3.14	3.14	3.14	3.14	3.14
Kentucky	8.13	7.49	7.35	7.56	7.65	8.23	7.95
United States	9.68	9.56	9.56	9.84	10.27	10.6	11.01



Climate & Health - High Heat Index Days

This indicator reports the percentage of recorded weather observations with heat index values over 103 degrees Fahrenheit. The "heat index" is a single value that takes both temperature and humidity into account. The higher the heat index, the hotter the weather feels, since sweat does not readily evaporate and cool the skin. The heat index is a better measure than air temperature alone for estimating the risk to workers from environmental heat sources.

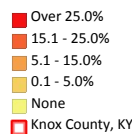
Report Area	Total Weather Observations	Average Heat Index Value	Observations with High Heat Index Values	Observations with High Heat Index Values, Percentage
Knox County, KY	2,190	91.41	30.00	1.37%
Kentucky	248,565	94.17	12,623.00	5.10%
United States	19,094,610	91.82	897,155.00	4.70%



Note: This indicator is compared to the state average.
Data Source: National Oceanic and Atmospheric Administration, North America Land Data Assimilation System (NLDAS). Accessed via CDC WONDER. Additional data analysis by CARES. 2014. Source geography: County



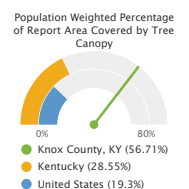
High Heat Index Days, Percentage of Observations Over 103°F by County, NLDAS 2014



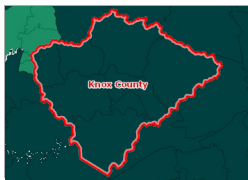
Climate & Health - Tree Canopy

This indicator reports the percentage of the report area that is covered by tree canopy. Report data is based on analysis of the 2016 National Land Cover Database - Tree Canopy analytical dataset.

Report Area	Total Population	Area Covered by Canopy, Percentage	Area Covered by Canopy, Population Weighted Percentage
Knox County, KY	31,883	71.52%	56.71%
Kentucky	4,339,367	45.76%	28.55%
United States	306,595,013	22.45%	19.3%

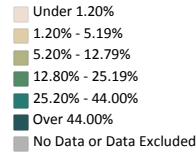


Note: This indicator is compared to the state average.
Data Source: 2016. Source geography: Tract



[View larger map](#)

Area in Tree Canopy, Percentage by Tract, USGS NLCD 2016

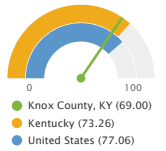


Food Environment - Fast Food Restaurants

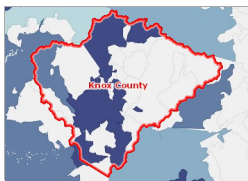
This indicator reports the number of fast food restaurants per 100,000 population. Fast food restaurants are defined as limited-service establishments primarily engaged in providing food services (except snack and nonalcoholic beverage bars) where patrons generally order or select items and pay before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

Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Knox County, KY	31,883	22	69.00
Kentucky	4,339,367	3,179	73.26
United States	308,745,538	237,922	77.06

Fast Food Restaurants, Rate (Per 100,000 Population)

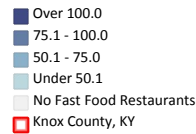


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES, 2016. Source geography: ZCTA



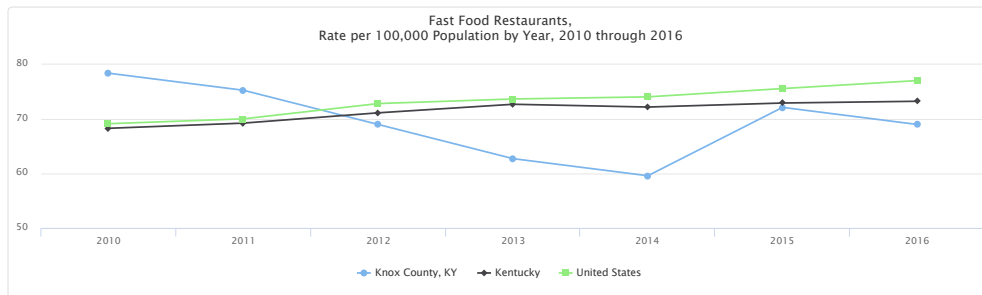
[View larger map](#)

Fast Food Restaurants, Rate (Per 100,000 Pop.) by ZCTA, CBP 2016



Fast Food Restaurants, Rate per 100,000 Population by Year, 2010 through 2016

Report Area	2010	2011	2012	2013	2014	2015	2016
Knox County, KY	78.41	75.28	69	62.73	59.59	72.14	69
Kentucky	68.3	69.25	71.14	72.71	72.2	72.94	73.26
United States	69.14	70.04	72.84	73.68	74.07	75.59	77.06

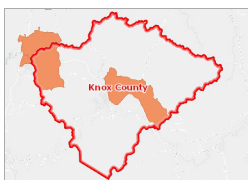


Food Environment - Food Desert Census Tracts

This indicator reports the number of neighborhoods in the report area that are within food deserts.

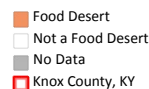
Report Area	Total Population (2010)	Food Desert Census Tracts	Other Census Tracts	Food Desert Population	Other Population
Knox County, KY	31,883.00	2.00	6	13,429.00	18,454.00
Kentucky	4,339,367.00	328.00	787	1,456,337.00	2,883,030.00
United States	308,745,538.00	27,527.00	45,337	129,885,212.00	178,860,326.00

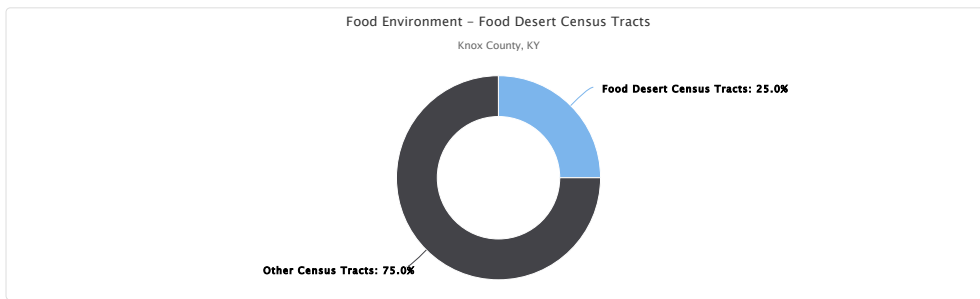
Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas, 2015.



[View larger map](#)

Food Desert Census Tracts, 1 Mi. / 10 Mi. by Tract, FARA 2015

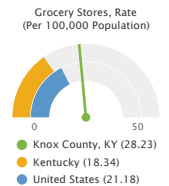




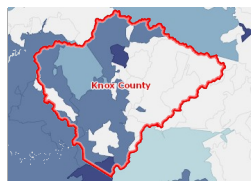
Food Environment - Grocery Stores

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 Population	Number of Establishments	Establishments, Rate per 100,000 Population
Knox County, KY	31,883	9	28.23
Kentucky	4,339,367	796	18.34
United States	308,745,538	65,399	21.18

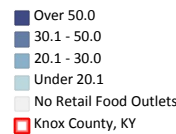


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES, 2016. Source geography: ZCTA



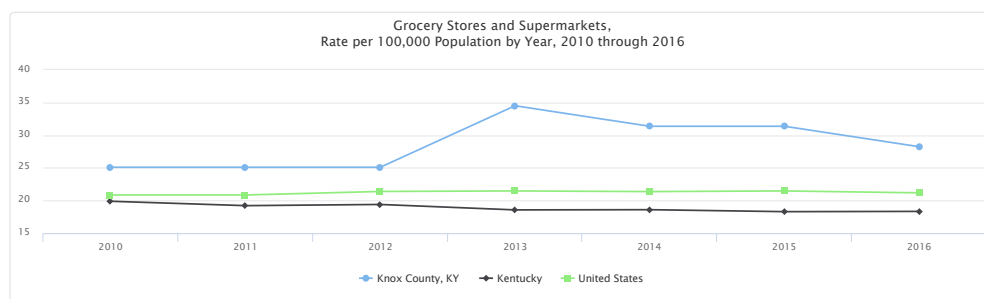
[View larger map](#)

All Retail Food Outlets, Rate (Per 100,000 Pop.) by ZCTA, CBP 2016



Grocery Stores and Supermarkets, Rate per 100,000 Population by Year, 2010 through 2016

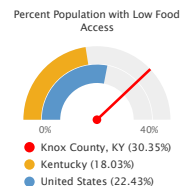
Report Area	2010	2011	2012	2013	2014	2015	2016
Knox County, KY	25.09	25.09	25.09	34.5	31.36	31.36	28.23
Kentucky	19.89	19.22	19.4	18.57	18.6	18.3	18.34
United States	20.85	20.85	21.39	21.47	21.37	21.47	21.18



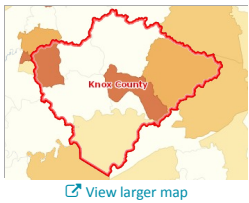
Food Environment - Low Food Access

This indicator reports the percentage of the population with low food access. Low food access is defined as living more than ½ mile from the nearest supermarket, supercenter, or large grocery store. Data are from the 2017 report, [Low-Income and Low-Supermarket-Access Census Tracts, 2010-2015](#). This indicator is relevant because it highlights populations and geographies facing food insecurity.

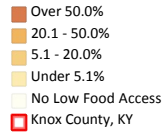
Report Area	Total Population	Population with Low Food Access	Percent Population with Low Food Access
Knox County, KY	31,883	9,677	30.35%
Kentucky	4,339,367	782,548	18.03%
United States	308,745,538	69,266,771	22.43%



Note: This indicator is compared to the state average.
Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas, 2015. Source geography: Tract



Population with Limited Food Access, Percent by Tract, FARA 2015



Food Environment - Modified Retail Food Environment Index

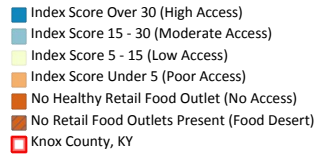
This indicator reports the percentage of population living in census tracts with no or low access to healthy retail food stores. Figures are based on the CDC Modified Retail Food Environment Index. For this indicator, low food access tracts are considered those with index scores of 10.0 or less.

Report Area	Total Population	Percent Population in Tracts with No Food Outlet	Percent Population in Tracts with No Healthy Food Outlet	Percent Population in Tracts with Low Healthy Food Access	Percent Population in Tracts with Moderate Healthy Food Access	Percent Population in Tracts with High Healthy Food Access
Knox County, KY	31,883	0.00%	32.71%	43.23%	24.06%	0.00%
Kentucky	4,339,366	1.04%	23.64%	23.26%	47.02%	5.04%
United States	312,474,470	0.99%	18.63%	30.89%	43.28%	5.02%

Data Source: Centers for Disease Control and Prevention, Division of Nutrition, Physical Activity, and Obesity, 2011. Source geography: Tract

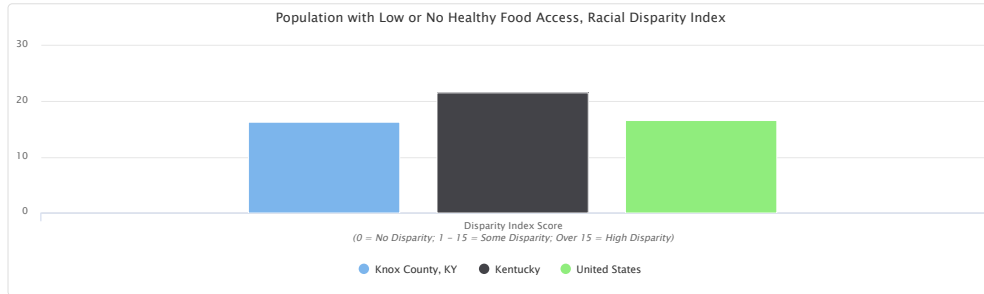


Modified Retail Food Environmental Index Score by Tract, DNPAO 2011



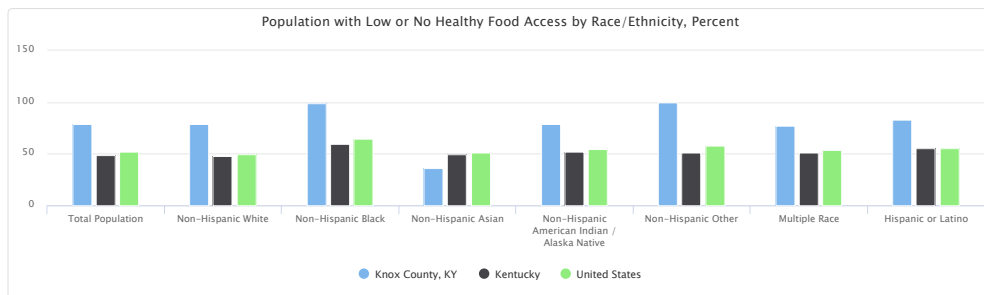
Population with Low or No Healthy Food Access, Racial Disparity Index

Report Area	Disparity Index Score (0 = No Disparity; 1 - 15 = Some Disparity; Over 15 = High Disparity)
Knox County, KY	16.32
Kentucky	21.64
United States	16.59



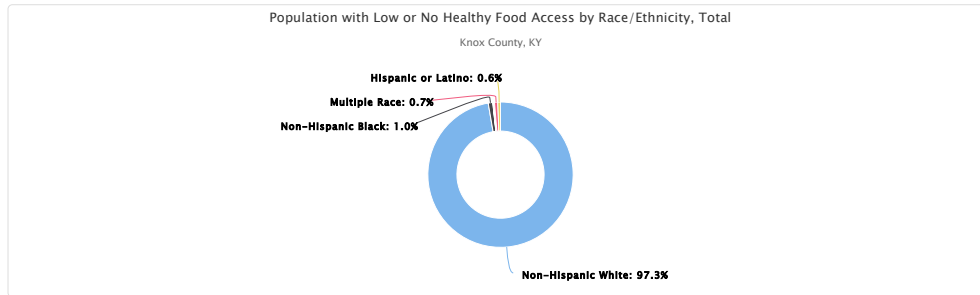
Population with Low or No Healthy Food Access by Race/Ethnicity, Percent

Report Area	Total Population	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Asian	Non-Hispanic American Indian / Alaska Native	Non-Hispanic Other	Multiple Race	Hispanic or Latino
Knox County, KY	78.78	78.67%	98.47%	36.00%	78.38%	100.00%	76.99%	82.78%
Kentucky	48.63	47.60%	59.39%	49.36%	51.96%	51.17%	51.33%	55.29%
United States	52.02	49.33%	64.15%	51.26%	54.56%	57.92%	53.64%	54.98%



Population with Low or No Healthy Food Access by Race/Ethnicity, Total

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Asian	Non-Hispanic American Indian / Alaska Native	Non-Hispanic Other	Multiple Race	Hispanic or Latino
Knox County, KY	24,365.00	258.00	18.00	58.00	14.00	184.00	149.00
Kentucky	1,717,421.00	174,391.00	14,495.00	4,125.00	1,968.00	19,377.00	33,140.00
United States	95,978,903.00	21,776,320.00	5,189,224.00	1,128,698.00	270,921.00	2,468,453.00	19,410,660.00

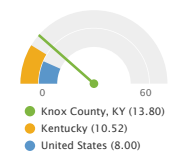


Food Environment - SNAP-Authorized Food Stores

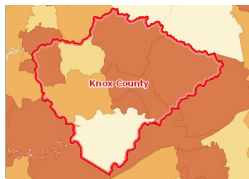
This indicator reports the number of SNAP-authorized food stores as a rate per 10,000 population. SNAP-authorized stores include grocery stores as well as supercenters, specialty food stores, and convenience stores that are authorized to accept SNAP (Supplemental Nutrition Assistance Program) benefits.

Report Area	Total Population	Total SNAP-Authorized Retailers	SNAP-Authorized Retailers, Rate per 10,000 Population
Knox County, KY	31,883	44	13.80
Kentucky	4,339,367	4,563	10.52
United States	312,383,875	250,022	8.00

SNAP-Authorized Retailers, Rate (Per 10,000 Population)

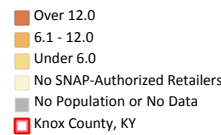


Note: This indicator is compared to the state average.
Data Source: US Department of Agriculture, Food and Nutrition Service, USDA - SNAP Retailer Locator. Additional data analysis by CARES, 2019. Source geography: Tract



[View larger map](#)

SNAP-Authorized Retailers Access, Rate per 10,000 Population by Tract, USDA 2019

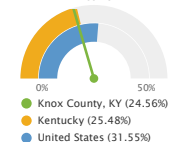


Housing - Housing Cost Burden (30%)

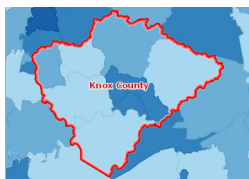
This indicator reports the percentage of the households where housing costs exceed 30% of total household income. This indicator provides information on the cost of monthly housing expenses for owners and renters. The information offers a measure of housing affordability and excessive shelter costs. The data also serve to aid in the development of housing programs to meet the needs of people at different economic levels.

Report Area	Total Households	Cost Burdened Households (Housing Costs Exceed 30% of Income)	Percentage of Cost Burdened Households (Over 30% of Income)
Knox County, KY	12,270	3,014	24.56%
Kentucky	1,728,681	440,425	25.48%
United States	119,730,128	37,771,047	31.55%

Percentage of Households where Housing Costs Exceed 30% of Income

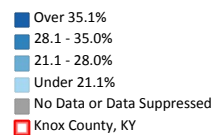


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



[View larger map](#)

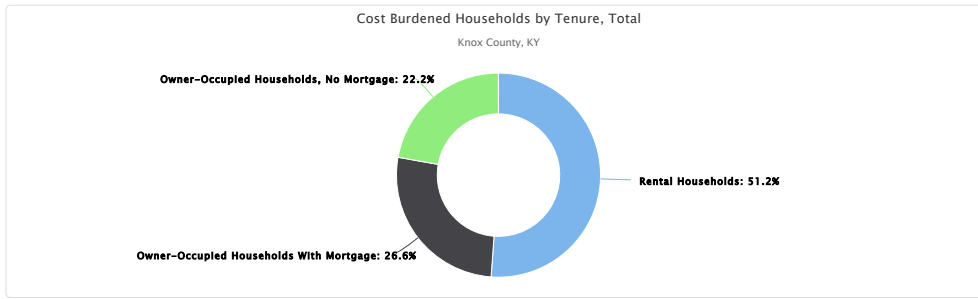
Cost Burdened Households (Housing Costs Exceed 30% of Household Income), Percent by Tract, ACS 2014-18



Cost Burdened Households by Tenure, Total

These data show the number of households that spend more than 30% of the household income on housing costs. In the report area, there were 3,014 cost burdened households according to the U.S. Census Bureau American Community Survey (ACS) 2014-2018 5-year estimates. The data for this indicator is only reported for households where household housing costs and income earned was identified in the American Community Survey.

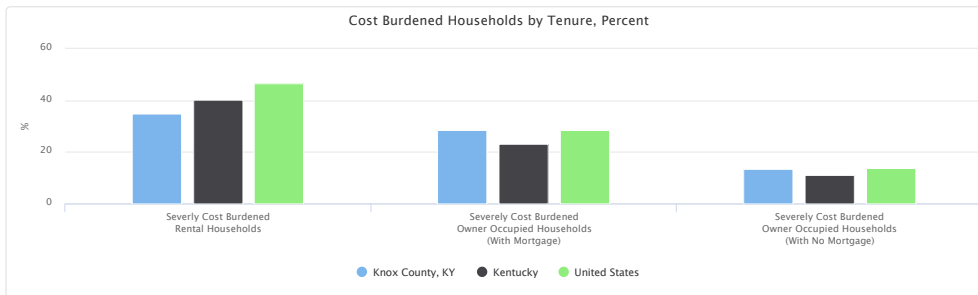
Report Area	Cost Burdened Households	Cost Burdened Rental Households	Cost Burdened Owner Occupied Households (With Mortgage)	Cost Burdened Owner Occupied Households (With No Mortgage)
Knox County, KY	3,014	1,542	803	669
Kentucky	440,425	229,742	156,910	53,773
United States	37,771,047	20,141,357	13,750,273	3,879,417



Cost Burdened Households by Tenure, Percent

These data show the percentage of households by tenure that are cost burdened. Cost burdened rental households (those that spent more than 30% of the household income on rental costs) represented 34.78% of all of the rental households in the report area, according to the U.S. Census Bureau American Community Survey (ACS) 2014-2018 5-year estimates. The data for this indicator is only reported for households where tenure, household housing costs, and income earned was identified in the American Community Survey.

Report Area	Rental Households	Percentage of Rental Households that are Cost Burdened	Owner Occupied Households (With Mortgage)	Percentage of Owner Occupied Households w/ Mortgages that are Cost Burdened	Owner Occupied Households (No Mortgage)	Percentage of Owner Occupied Households w/o Mortgages that are Cost Burdened
Knox County, KY	4,434	34.78%	2,829	28.38%	5,007	13.36%
Kentucky	571,050	40.23%	673,651	23.29%	483,980	11.11%
United States	43,285,318	46.53%	48,198,598	28.53%	28,246,212	13.73%

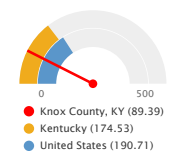


Housing - Mortgage Lending

Lending institutions must report all loans for home purchases, home improvements, and mortgage refinancing based on the Home Mortgage Disclosure Act (HMDA) of 1975. This indicator displays information derived from the 2014 HMDA loan-level data files.

Report Area	Total Population (2010)	Number of Home Loans Originated	Loans Originations, Approval Rate	Loan Originations, Rate per 100,000 Population
Knox County, KY	31,883	285	35.32%	89.39
Kentucky	4,339,367	75,733	51.68%	174.53
United States	312,470,869	5,959,108	51.57%	190.71

Home Loan Origination Rate per 100,000 Pop.



Note: This indicator is compared to the state average.

Data Source: Federal Financial Institutions Examination Council, Home Mortgage Disclosure Act. Additional data analysis by CARES, 2014.



[View larger map](#)

All Home Loan Originations, Rate per 10,000 Population by Tract, HMDA 2014

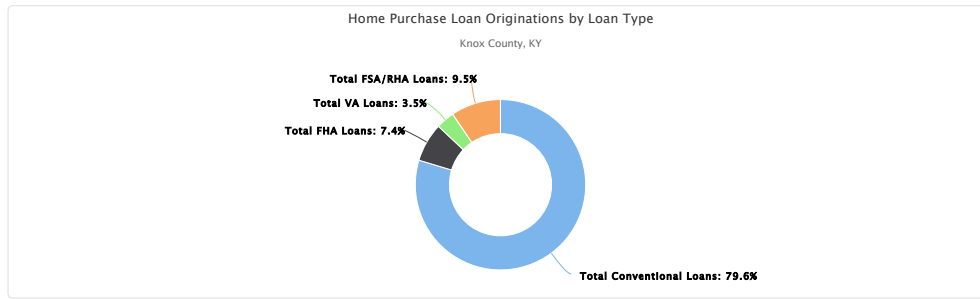
- Over 360.0
- 240.1 - 360.0
- 170.1 - 240.0
- 100.1 - 170.0
- Under 100.0
- No Originations
- Knox County, KY

Home Purchase Loan Originations by Loan Type

This indicator reports the total number of home purchase loan originations by loan type. Types reported in the HMDA flat files include: Loans insured by the Federal Housing Administration (FHA loans); Loans insured by the Veterans Administration (VA loans); Farm Service Agency / Rural Housing Service loans (FHS/RHS); and Conventional loans (any loan other than FHA, VA,

FSA, or RHS).

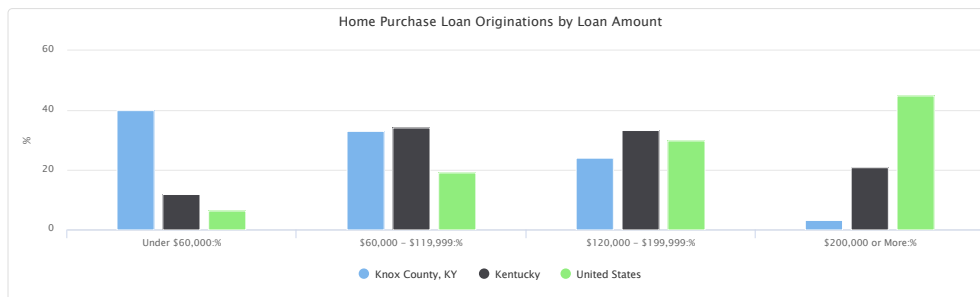
Report Area	Total Conventional Loans	Total FHA Loans	Total VA Loans	Total FSA/RHA Loans
Knox County, KY	227	21	10	27
Kentucky	56,130	9,703	5,927	3,973
United States	4,544,119	787,974	491,987	135,028



Home Purchase Loan Originations by Loan Amount

This indicator reports the total number and percentage of home purchase loan originations, grouped by loan amount.

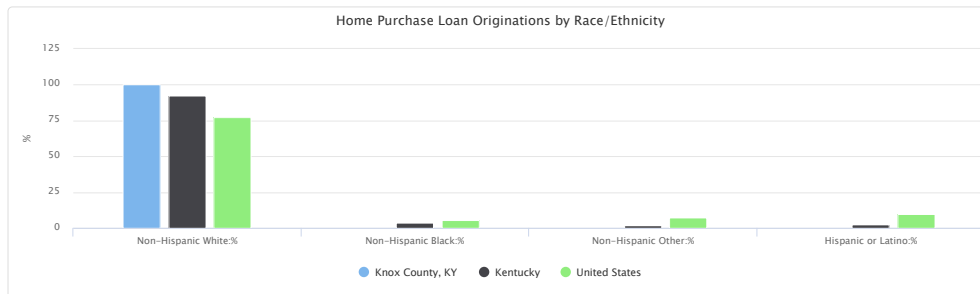
Report Area	Under \$60,000	Under \$60,000	\$60,000 - \$119,999	\$60,000 - \$119,999	\$120,000 - \$199,999	\$120,000 - \$199,999	\$200,000 or More	\$200,000 or More
Knox County, KY	65	39.88%	54	33.13%	39	23.93%	5	3.07%
Kentucky	4,932	11.95%	14,067	34.07%	13,710	33.21%	8,574	20.77%
United States	203,473	6.28%	618,748	19.10%	966,072	29.82%	1,451,453	44.80%



Home Purchase Loan Originations by Race/Ethnicity

This indicator reports the total number and percentage of home purchase loan originations, grouped by the primary applicant's race and ethnicity. Co-applicant race and ethnicity is not considered.

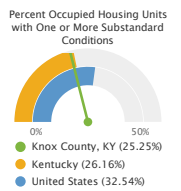
Report Area	Non-Hispanic White	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Black	Non-Hispanic Other	Non-Hispanic Other	Hispanic or Latino	Hispanic or Latino
Knox County, KY	149	100.00%	0	0.00%	0	0.00%	0	0.00%
Kentucky	34,165	92.35%	1,298	3.51%	654	1.77%	818	2.21%
United States	2,250,318	77.28%	155,681	5.35%	204,727	7.03%	289,036	9.93%



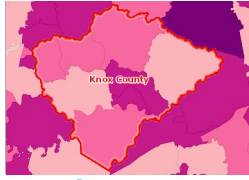
Housing - Substandard Housing

This indicator reports the number and percentage of owner- and renter-occupied housing units having at least one of the following conditions: 1) lacking complete plumbing facilities, 2) lacking complete kitchen facilities, 3) with 1.01 or more occupants per room, 4) selected monthly owner costs as a percentage of household income greater than 30%, and 5) gross rent as a percentage of household income greater than 30%. Selected conditions provide information in assessing the quality of the housing inventory and its occupants. This data is used to easily identify homes where the quality of living and housing can be considered substandard.

Report Area	Total Occupied Housing Units	Occupied Housing Units with One or More Substandard Conditions	Percent Occupied Housing Units with One or More Substandard Conditions
Knox County, KY	12,270	3,098	25.25%
Kentucky	1,728,681	452,255	26.16%
United States	119,730,128	38,964,205	32.54%

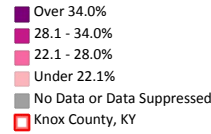


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



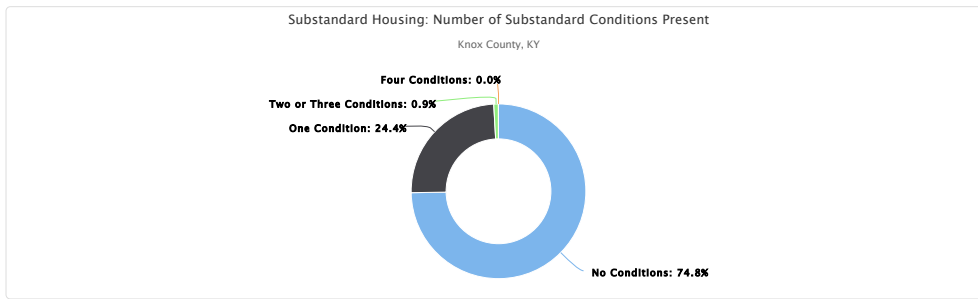
[View larger map](#)

Substandard Housing Units, Percent of Total by Tract, ACS 2014-18



Substandard Housing: Number of Substandard Conditions Present

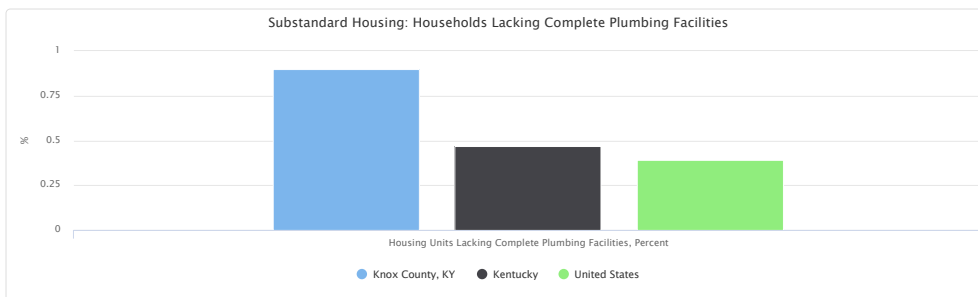
Report Area	No Conditions	One Condition	Two or Three Conditions	Four Conditions
Knox County, KY	74.75%	24.38%	0.87%	0.00%
Kentucky	73.84%	25.03%	1.13%	0.01%
United States	67.46%	30.62%	1.91%	0.01%



Substandard Housing: Households Lacking Complete Plumbing Facilities

Complete plumbing facilities include: (a) hot and cold running water, (b) a flush toilet, and (c) a bathtub or shower. All three facilities must be located inside the house, apartment, or mobile home, but not necessarily in the same room. Housing units are classified as lacking complete plumbing facilities when any of the three facilities is not present.

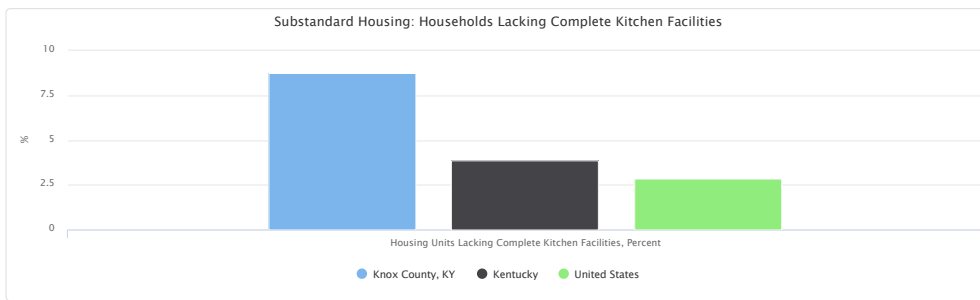
Report Area	Total Occupied Housing Units	Housing Units Lacking Complete Plumbing Facilities	Housing Units Lacking Complete Plumbing Facilities, Percent
Knox County, KY	12,270	111	0.90%
Kentucky	1,728,681	8,134	0.47%
United States	119,730,128	472,098	0.39%



Substandard Housing: Households Lacking Complete Kitchen Facilities

A unit has complete kitchen facilities when it has all three of the following facilities: (a) a sink with a faucet, (b) a stove or range, and (c) a refrigerator. All kitchen facilities must be located in the house, apartment, or mobile home, but they need not be in the same room. A housing unit having only a microwave or portable heating equipment such as a hot plate or camping stove should not be considered as having complete kitchen facilities. An icebox is not considered to be a refrigerator.

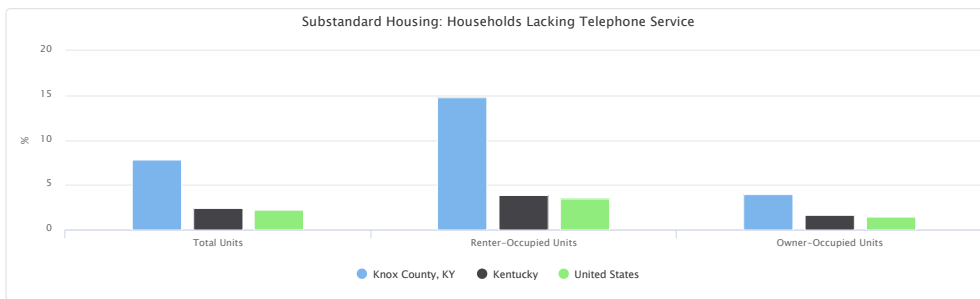
Report Area	Total Occupied Housing Units	Housing Units Lacking Complete Kitchen Facilities	Housing Units Lacking Complete Kitchen Facilities, Percent
Knox County, KY	14,675	1,283	8.74%
Kentucky	1,974,406	76,010	3.85%
United States	136,384,292	3,867,311	2.84%



Substandard Housing: Households Lacking Telephone Service

A telephone must be in working order and service available in the house, apartment, or mobile home that allows the respondent to both make and receive calls. Households that have cell-phones (no land-line) are counted as having telephone service available. Households whose service has been discontinued for nonpayment or other reasons are not counted as having telephone service available.

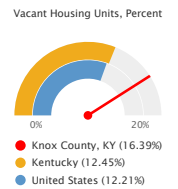
Report Area	Total Housing Units Lacking Telephone Service	Total Housing Units Lacking Telephone Service	Owner-Occupied Units Lacking Telephone Service	Owner-Occupied Units Lacking Telephone Service	Renter-Occupied Units Lacking Telephone Service	Renter-Occupied Units Lacking Telephone Service
Knox County, KY	966	7.87%	311	3.97%	655	14.77%
Kentucky	41,396	2.39%	19,194	1.66%	22,202	3.89%
United States	2,607,717	2.18%	1,108,891	1.45%	1,498,826	3.46%



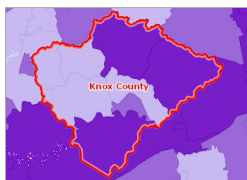
Housing - Vacancy Rate

This indicator reports the number and percentage of housing units that are vacant. A housing unit is considered vacant by the American Community Survey if no one is living in it at the time of interview. Units occupied at the time of interview entirely by persons who are staying two months or less and who have a more permanent residence elsewhere are considered to be temporarily occupied, and are classified as "vacant."

Report Area	Total Housing Units	Vacant Housing Units	Vacant Housing Units, Percent
Knox County, KY	14,675	2,405	16.39%
Kentucky	1,974,406	245,725	12.45%
United States	136,384,292	16,654,164	12.21%



Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2014-18. Source geography: Tract



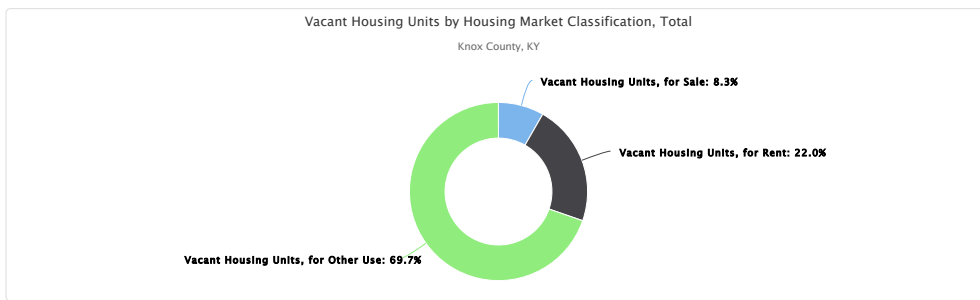
[View larger map](#)

Vacant Housing Units, Percent by Tract, ACS 2014-18

- Over 20.0%
- 14.1 - 20.0%
- 8.1 - 14.0%
- Under 8.1%
- No Data or Data Suppressed
- Knox County, KY

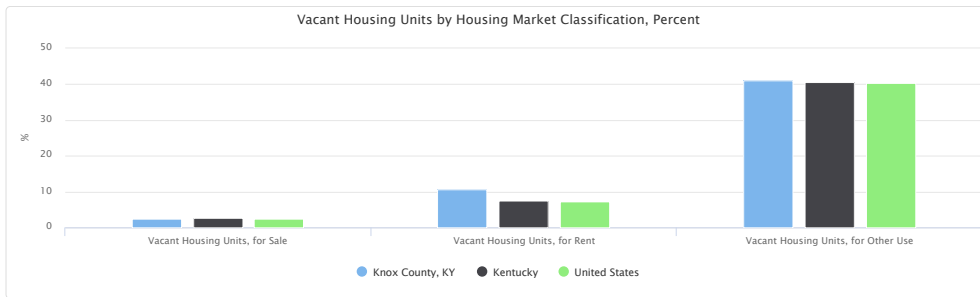
Vacant Housing Units by Housing Market Classification, Total

Report Area	Vacant Housing Units, for Sale	Vacant Housing Units, for Rent	Vacant Housing Units, for Other Use
Knox County, KY	199	530	1,676
Kentucky	33,029	45,670	167,026
United States	1,958,838	3,437,397	11,257,929



Vacant Housing Units by Housing Market Classification, Percent

Report Area	Vacant Housing Units, for Sale	Vacant Housing Units, for Rent	Vacant Housing Units, for Other Use
Knox County, KY	2.48%	10.68%	41.07%
Kentucky	2.77%	7.41%	40.47%
United States	2.50%	7.36%	40.33%



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.

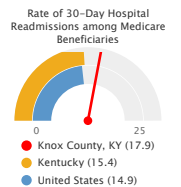
30-Day Hospital Readmissions

This indicator reports the percentage of Medicare fee-for-service beneficiaries readmitted to a hospital within 30 days of an initial hospitalization discharge.

Report Area	Medicare Part A and B Beneficiaries	Rate of 30-Day Hospital Readmissions among Medicare Beneficiaries
Knox County, KY	467	17.9
Kentucky	53,849	15.4
United States	2,885,032	14.9

Note: This indicator is compared to the state average.

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



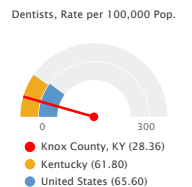
Access to Dentists

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, 2015	Dentists, Rate per 100,000 Pop.
Knox County, KY	31,730.00	9.00	28.36
Kentucky	4,425,092.00	2,736.00	61.80
United States	321,418,820.00	210,832.00	65.60

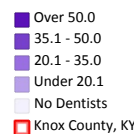
Note: This indicator is compared to the state average.

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



[View larger map](#)

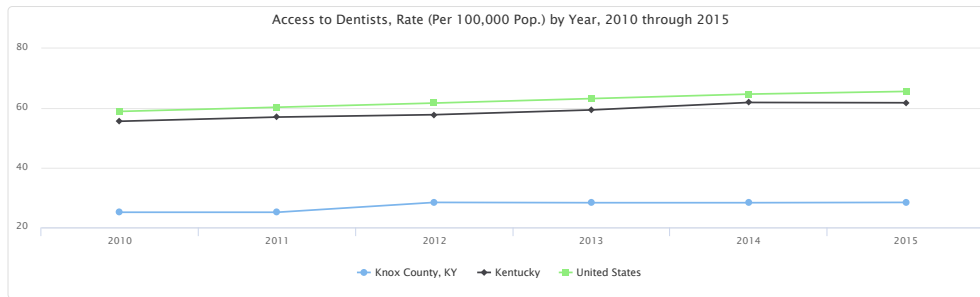
Access to Dentists, Rate per 100,000 Pop. by County, AHRF 2015



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
Knox County, KY	25.10	25.10	28.40	28.30	28.30	28.40
Kentucky	55.60	57.00	57.80	59.40	61.90	61.80
United States	58.90	60.30	61.70	63.20	64.70	65.60

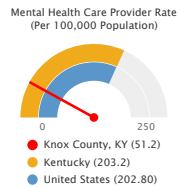


Access to Mental Health Providers

This indicator reports the rate of the county population to the number of mental health providers including psychiatrists, psychologists, clinical social workers, and counsellors that specialize in mental health care.

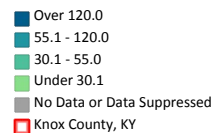
Report Area	Estimated Population	Number of Mental Health Providers	Ratio of Mental Health Providers to Population (1 Provider per x Persons)	Mental Health Care Provider Rate (Per 100,000 Population)
Knox County, KY	31,227	16	1,951.7	51.2
Kentucky	4,436,497	9,014	492.2	203.2
United States	317,105,555.00	643,219.00	493.00	202.80

Note: This indicator is compared to the state average.
Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2017. Source geography: County



[View larger map](#)

Access to Mental Health Care Providers, Rate Per 100,000 Pop. by County, CHR 2017

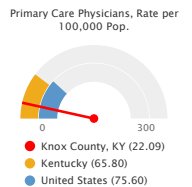


Access to Primary Care

This indicator reports the number of primary care physicians per 100,000 population. Doctors classified as "primary care physicians" by the AMA include: General Family Medicine MDs and DOs, General Practice MDs and DOs, General Internal Medicine MDs and General Pediatrics MDs. Physicians age 75 and over and physicians practicing sub-specialties within the listed specialties are excluded. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

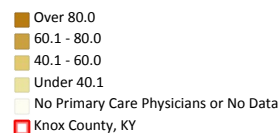
Report Area	Total Population, 2014	Primary Care Physicians, 2014	Primary Care Physicians, Rate per 100,000 Pop.
Knox County, KY	31,687	7	22.09
Kentucky	4,436,974	2,918	65.80
United States	326,701,562	247,069	75.60

Note: This indicator is compared to the state average.
Data Source: US Department of Health & Human Services, Health Resources and Services Administration, Area Health Resource File, 2014. Source geography: County



[View larger map](#)

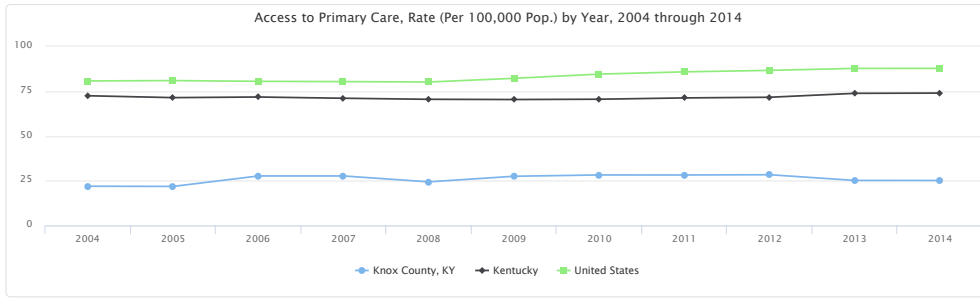
Access to Primary Care Physicians, Rate per 100,000 Pop. by County, AHRF 2014



Access to Primary Care, Rate (Per 100,000 Pop.) by Year, 2004 through 2014

This indicator reports the rate of primary care physicians per 100,000 population by year.

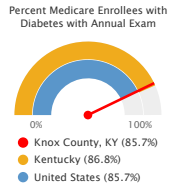
Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Knox County, KY	21.94	21.83	27.67	27.67	24.38	27.51	28.23	28.22	28.36	25.17	25.16
Kentucky	72.48	71.43	71.78	71.08	70.50	70.37	70.54	71.27	71.64	73.83	73.96
United States	80.76	80.94	80.54	80.38	80.16	82.22	84.57	85.83	86.66	87.76	87.77



Diabetes Management - Hemoglobin A1c Test

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, 424 Medicare enrollees with diabetes have had an annual exam out of 496 Medicare enrollees in the report area with diabetes, or 85.7%. 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 Area	Total Medicare Enrollees	Medicare Enrollees with Diabetes	Medicare Enrollees with Diabetes with Annual Exam	Percent Medicare Enrollees with Diabetes with Annual Exam
Knox County, KY	3,081	496	424	85.7%
Kentucky	429,871	56,019	48,648	86.8%
United States	26,937,083	2,919,457	2,501,671	85.7%



Note: This indicator is compared to the state average.
Data Source: Dartmouth College Institute for Health Policy & Clinical Practice, Dartmouth Atlas of Health Care, 2015. Source geography: County



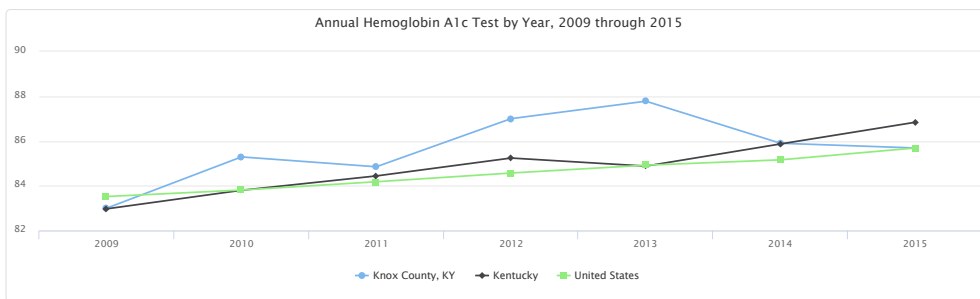
Patients with Annual HA1C Test (Diabetes), Percent of Medicare Enrollees with Diabetes by County, Dartmouth Atlas 2015

- Over 88.0%
- 84.1 - 88.0%
- 80.1 - 84.0%
- Under 80.1%
- No Data or Data Suppressed
- Knox County, KY

Annual Hemoglobin A1c Test by Year, 2009 through 2015

Percent of Medicare Beneficiaries with Diabetes with Annual Hemoglobin A1c Test

Report Area	2009	2010	2011	2012	2013	2014	2015
Knox County, KY	83.00	85.29	84.85	87.00	87.78	85.90	85.69
Kentucky	82.97	83.80	84.44	85.24	84.88	85.87	86.84
United States	83.52	83.81	84.18	84.57	84.92	85.16	85.69

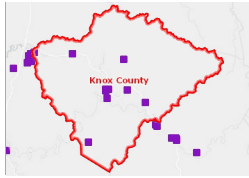


Federally Qualified Health Centers

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 Population	Number of Federally Qualified Health Centers	Rate of Federally Qualified Health Centers per 100,000 Population
Knox County, KY	31,883	23	72.14
Kentucky	4,339,367	290	6.68
United States	312,471,327	9,192	2.94

Note: This indicator is compared to the state average.
 Data Source: US Department of Health & Human Services, Center for Medicare & Medicaid Services, Provider of Services File, November 2019. Source geography: Address



Federally Qualified Health Centers, POS November 2019
 Knox County, KY

[View larger map](#)

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
Knox County, KY	2	2	2	6
Kentucky	89	79	80	248
United States	3,985	3,623	3,438	11,028

Data Source: US Department of Health & Human Services, Health Resources and Services Administration, Health Resources and Services Administration, February 2019. Source geography: Address



Facilities Designated as HPSAs, HRSA HPSA Database February 2019

- Primary Care
- Mental Health
- Dental Health
- Knox County, KY

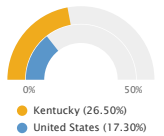
[View larger map](#)

Lack of Prenatal Care

This indicator reports the percentage of women who do not obtain prenatal care during their first trimester of pregnancy. This indicator is relevant because engaging in prenatal care decreases the likelihood of maternal and infant health risks. 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 Area	Total Births	Mothers Starting Prenatal Care in First Semester	Mothers with Late or No Prenatal Care	Prenatal Care Not Reported	Percentage Mothers with Late or No Prenatal Care
Knox County, KY	No data	No data	No data	No data	Suppressed
Kentucky	231,078.00	161,563.00	61,123.00	8,392.00	26.50%
United States	16,693,978.00	7,349,554.00	2,880,098.00	6,464,326.00	17.30%

Percentage Mothers with Late or No Prenatal Care



Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. Centers for Disease Control and Prevention, Wide-Ranging Online Data for Epidemiologic Research, 2007-10. Source geography: County



Mothers with Late or No Pre-Natal Care, Percent by County, NVSS 2007-10

- Over 35.0%
- 25.1 - 35.0%
- 15.1 - 25.0%
- Under 15.1%
- No Data or Data Suppressed
- Knox County, KY

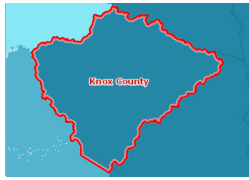
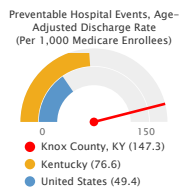
[View larger map](#)

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.

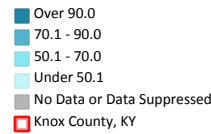
Report Area	Total Medicare Part A Enrollees	Ambulatory Care Sensitive Condition Hospital Discharges	Ambulatory Care Sensitive Condition Discharge Rate
Knox County, KY	2,271	334	147.3
Kentucky	340,140	26,041	76.6
United States	22,488,201	1,112,019	49.4

Note: This indicator is compared to the state average.
 Data Source: Dartmouth College Institute for Health Policy & Clinical Practice, *Dartmouth Atlas of Health Care*. 2015. Source geography: County



[View larger map](#)

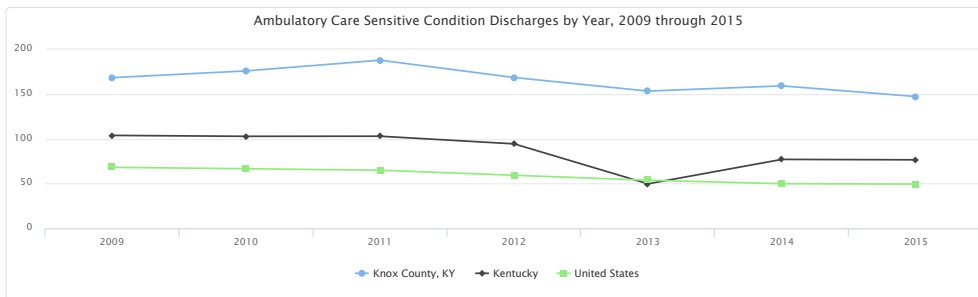
Ambulatory Care Sensitive Conditions, Rate (Per 1,000 Medicare Enrollees) by County, Dartmouth Atlas 2015



Ambulatory Care Sensitive Condition Discharges by Year, 2009 through 2015

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

Report Area	2009	2010	2011	2012	2013	2014	2015
Knox County, KY	168.37	175.89	187.86	168.50	153.34	159.18	147.27
Kentucky	103.84	102.80	102.91	94.40	49.74	77.02	76.56
United States	68.16	66.58	64.93	59.29	53.76	49.90	49.45

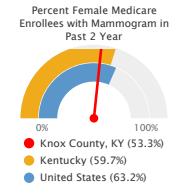


Prevention - Mammogram

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.

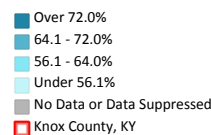
Report Area	Total Medicare Enrollees	Female Medicare Enrollees Age 67-69	Female Medicare Enrollees with Mammogram in Past 2 Years	Percent Female Medicare Enrollees with Mammogram in Past 2 Year
Knox County, KY	3,081	300	159	53.3%
Kentucky	429,871	42,505	25,372	59.7%
United States	26,937,083	2,544,732	1,607,329	63.2%

Note: This indicator is compared to the state average.
 Data Source: Dartmouth College Institute for Health Policy & Clinical Practice, *Dartmouth Atlas of Health Care*. 2015. Source geography: County



[View larger map](#)

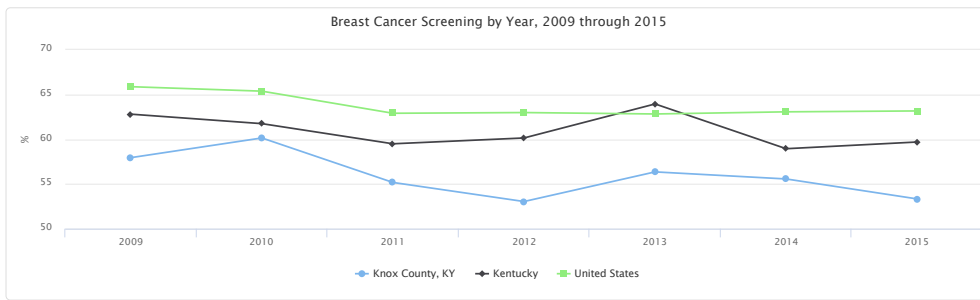
Mammogram (Past 2 Years), Percent of Female Medicare Enrollees, Age 67-69 by County, Dartmouth Atlas 2015



Breast Cancer Screening by Year, 2009 through 2015

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

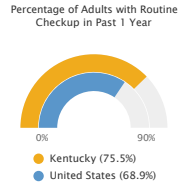
Report Area	2009	2010	2011	2012	2013	2014	2015
Knox County, KY	57.94%	60.14%	55.17%	53.04%	56.35%	55.56%	53.33%
Kentucky	62.80%	61.74%	59.49%	60.14%	63.94%	58.94%	59.69%
United States	65.87%	65.37%	62.90%	62.98%	62.82%	63.06%	63.16%



Prevention - Recent Primary Care Visit

This indicator reports the number and percentage of adults age 18 and older with one or more visits to a doctor for routine checkup within the past one year. Data for this indicator is only available for the population within the top 500 most populous cities across the United States. County, State, and National values represent the population within those cities, and not the total US population.

Report Area	Total Population (2010)	Total Population in the 500 Cities (2010)	Percentage of Adults with Routine Checkup in Past 1 Year
Knox County, KY	31,883	0	No data
Kentucky	4,339,367.00	893,140	75.5%
United States	308,745,538	103,020,808	68.9%



Note: This indicator is compared to the state average.
 Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the 500 Cities Data Portal, 2015.



[View larger map](#)

Primary Care Physician Visit, Percent of Adults Seen in Past 1 Year by Tract, BRFSS 500 Cities Project 2015

- Over 73.0%
- 67.1% - 73.0%
- 61.1% - 67.0%
- Under 61.1%
- No Data or Data Suppressed
- Knox County, KY

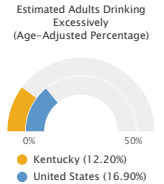
Health Behaviors

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 Area	Total Population Age 18+	Estimated Adults Drinking Excessively	Estimated Adults Drinking Excessively (Crude Percentage)	Estimated Adults Drinking Excessively (Age-Adjusted Percentage)
Knox County, KY	23,968.00	No data	Suppressed	Suppressed
Kentucky	3,294,652.00	388,769	11.80%	12.20%
United States	232,556,016.00	38,248,349	16.40%	16.90%



Note: This indicator is compared to the state average.
 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



[View larger map](#)

Excessive Drinking, Percent of Adults Age 18+ by County, BRFSS 2006-12

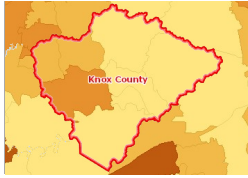
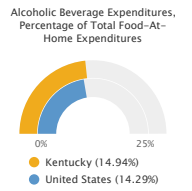
- Over 22.0%
- 18.1 - 22.0%
- 14.1 - 18.0%
- Under 14.1%
- No Data or Data Suppressed
- Knox County, KY

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 multi-county areas.

Report Area	State Rank	Z-Score (US)	Z-Score (State)	Average Expenditures (USD)	Percentage of Food-At-Home Expenditures
Knox County, KY	32.00	-0.37	-0.92	Suppressed	Suppressed
Kentucky	No data	0.33	0	\$809.86	14.94%
United States	No data	No data	No data	\$839.54	14.29%

Note: This indicator is compared to the state average.
 Data Source: Nielsen, Nielsen SiteReports. 2014. Source geography: Tract



[View larger map](#)

Alcoholic Beverage Expenditures, Percent of Food-At-Home Expenditures, National Rank by Tract, Nielsen 2014

- 1st Quintile (Highest Expenditures)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Lowest Expenditures)
- No Data or Data Suppressed
- Knox County, KY

Breastfeeding - Ever

This indicator reports the percentage children under 6 years old who were ever breastfed or fed breast milk.

Report Area	Estimated Number of Children Ever Breastfed Total Population	Percentage of Children Ever Breastfed Total Population	Estimated Number of Children Ever Breastfed SNAP-Ed Population	Percentage of Children Ever Breastfed SNAP-Ed Population
Kentucky	237,552	68.00%	74,564	48.00%
United States	18,709,604	80.00%	6,655,880	70.00%

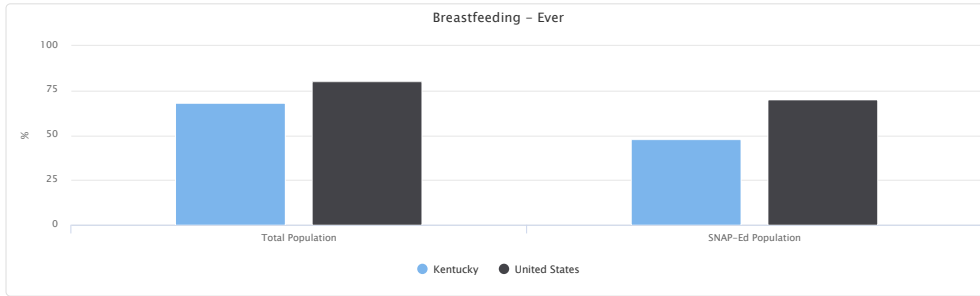
Data Source: Child and Adolescent Health Measurement Initiative, National Survey of Children's Health. Additional data analysis by CARES. 2017. Source geography: State



[View larger map](#)

Children Age 0-5 Ever Breastfed, Families Below 185% FPL, Percent by State, NSCH 2017

- Over 83.0%
- 75.0% - 83.0%
- 66.0% - 74.9%
- Under 66.0%
- Knox County, KY

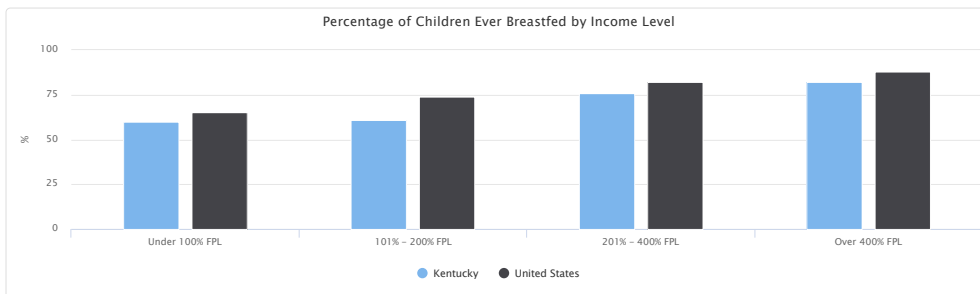


Percentage of Children Ever Breastfed by Income Level

This indicator reports the percentage of children under age 6 who were ever breastfed, by income level.

Report Area	Under 100% FPL	101% - 200% FPL	201% - 400% FPL	Over 400% FPL
Kentucky	60.00%	61.00%	76.00%	82.00%
United States	65.00%	74.00%	82.00%	88.00%

Note: No county data available. See data source and methodology for more details.

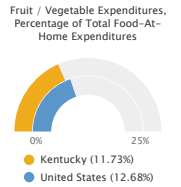


Fruit/Vegetable Expenditures

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 Area	State Rank	Z-Score (US)	Z-Score (State)	Average Expenditures (USD)	Percentage of Food-At-Home Expenditures
Knox County, KY	77.00	-1.37	0.18	Suppressed	Suppressed
Kentucky	No data	-0.64	0	\$635.77	11.73%
United States	No data	No data	No data	\$744.71	12.68%

Note: This indicator is compared to the state average.
Data Source: Nielsen, Nielsen SiteReports, 2014. Source geography: Tract



[View larger map](#)

Fruit and Vegetable Expenditures, Percent of Food-At-Home Expenditures, National Rank by Tract, Nielsen 2014

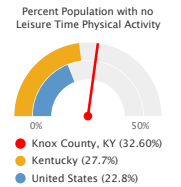
- 1st Quintile (Highest Expenditures)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Lowest Expenditures)
- No Data or Data Suppressed
- Knox County, KY

Physical Inactivity

Within the report area, 7,870.00 or 32.60% 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.

Report Area	Total Population Age 20+	Population with no Leisure Time Physical Activity	Percent Population with no Leisure Time Physical Activity
Knox County, KY	23,147.00	7,870.00	32.60%
Kentucky	3,309,718.00	946,835.00	27.7%
United States	241,280,347.00	56,248,204.00	22.8%

Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, 2016. Source geography: County



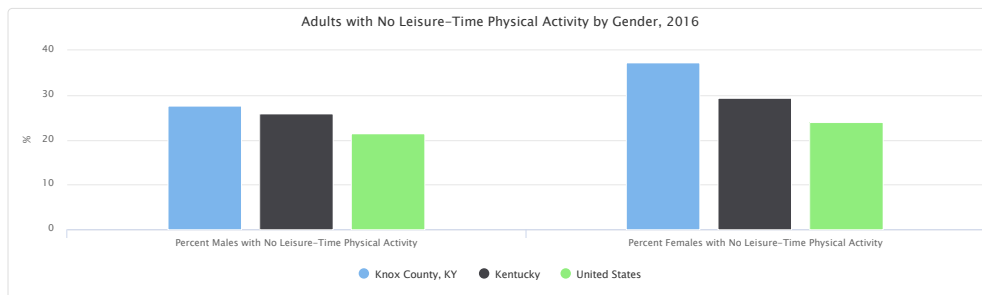
[View larger map](#)

No Leisure-Time Physical Activity, Adults Age 20+, Percent by County, CDC NCCDPHP 2016

- Over 29.0%
- 26.1 - 29.0%
- 23.1 - 26.0%
- Under 23.1%
- No Data or Data Suppressed
- Knox County, KY

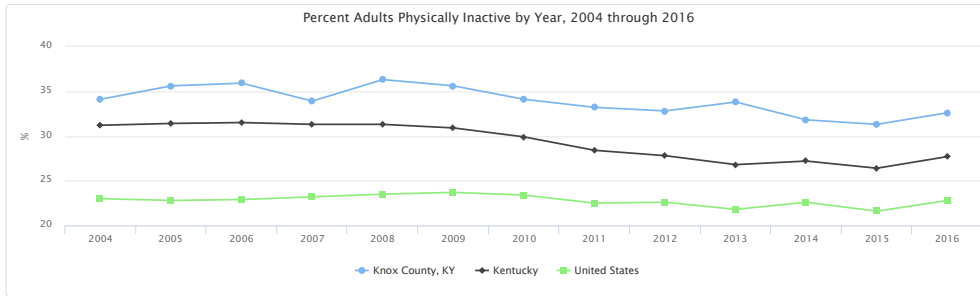
Adults with No Leisure-Time Physical Activity by Gender, 2016

Report Area	Total Males with No Leisure-Time Physical Activity	Percent Males with No Leisure-Time Physical Activity	Total Females with No Leisure-Time Physical Activity	Percent Females with No Leisure-Time Physical Activity
Knox County, KY	3,194.00	27.6%	4,676.00	37.3%
Kentucky	427,204.00	25.9%	519,633.00	29.3%
United States	25,551,380.00	21.4%	30,696,841.00	24.0%



Percent Adults Physically Inactive by Year, 2004 through 2016

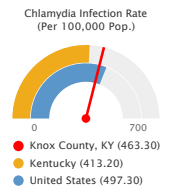
Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Knox County, KY	34.10%	35.60%	35.90%	33.90%	36.30%	35.60%	34.10%	33.20%	32.80%	33.80%	31.80%	31.30%	32.60%
Kentucky	31.2%	31.4%	31.5%	31.3%	31.3%	30.9%	29.9%	28.4%	27.8%	26.8%	27.2%	26.4%	27.7%
United States	23.0%	22.8%	22.9%	23.2%	23.5%	23.7%	23.4%	22.5%	22.6%	21.8%	22.6%	21.6%	22.8%



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 Population	Total Chlamydia Infections	Chlamydia Infections, Rate (Per 100,000 Pop.)
Knox County, KY	31,730.00	147.00	463.30
Kentucky	4,425,092.00	18,286.00	413.20
United States	321,418,820.00	1,598,354.00	497.30

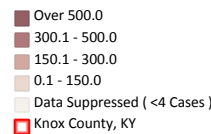


Note: This indicator is compared to the state average.
Data Source: US Department of Health & Human Services, Health Indicators Warehouse, Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, 2016. Source geography: County



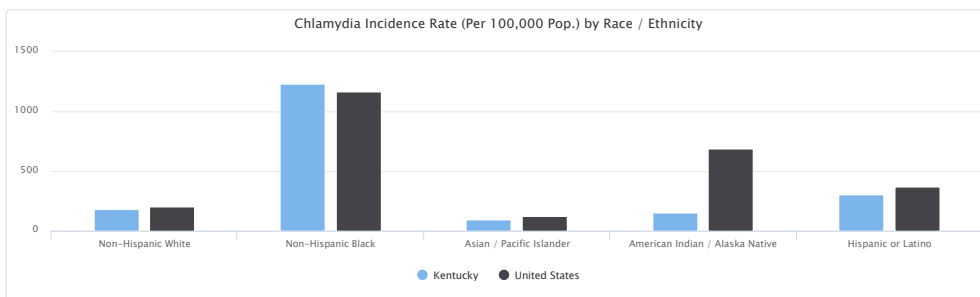
[View larger map](#)

Chlamydia, Infection Rate per 100,000 Population by County, NCHSTP 2016



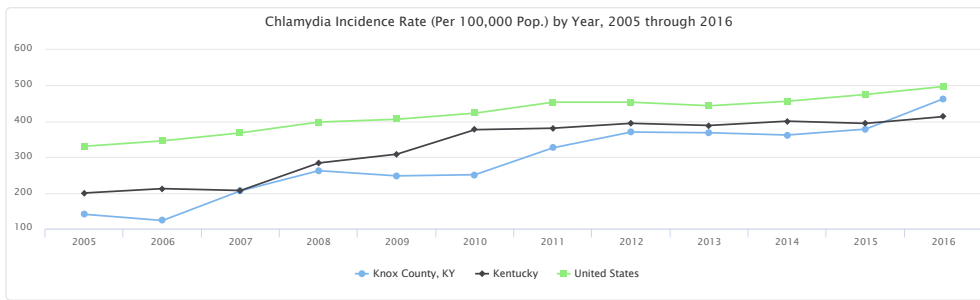
Chlamydia Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian / Pacific Islander	American Indian / Alaska Native	Hispanic or Latino
Knox County, KY	No data	No data	No data	No data	No data
Kentucky	179.80	1,232.00	96.10	152.90	305.50
United States	203.30	1,168.70	120.60	684.80	372.80



Chlamydia Incidence Rate (Per 100,000 Pop.) by Year, 2005 through 2016

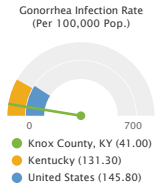
Report Area	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Knox County, KY	140.32	122.97	205.98	262.12	247.63	250.92	326.14	370.05	368.04	361.75	378.19	463.28
Kentucky	199.80	212.01	206.79	283.70	308.26	376.66	380.80	394.39	388.50	400.40	394.21	413.23
United States	330.30	345.40	367.70	398.00	405.70	422.80	453.40	453.40	443.50	456.10	474.97	497.28



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 Population	Total Gonorrhea Infections	Gonorrhea Infections, Rate (Per 100,000 Pop.)
Knox County, KY	31,730.00	13.00	41.00
Kentucky	4,425,092.00	5,812.00	131.30
United States	321,418,820.00	468,514.00	145.80



Note: This indicator is compared to the state average.
 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, 2016. Source geography: County



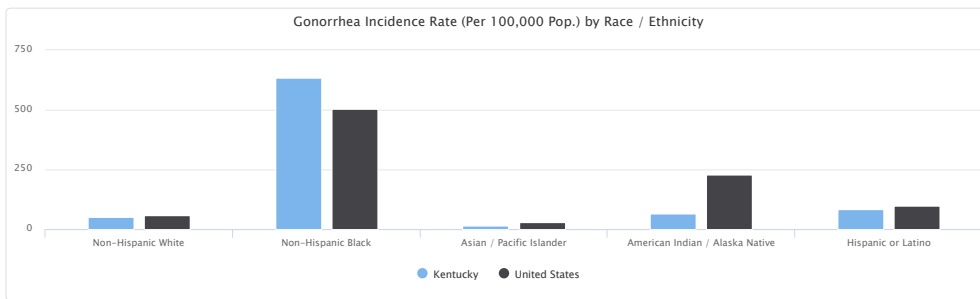
[View larger map](#)

Gonorrhea, Infection Rate per 100,000 Population by County, NCHSTP 2016

- Over 120.0
- 60.01 - 120.00
- 20.01 - 60.00
- 0.1 - 20.0
- Data Suppressed (<4 Cases)
- Knox County, KY

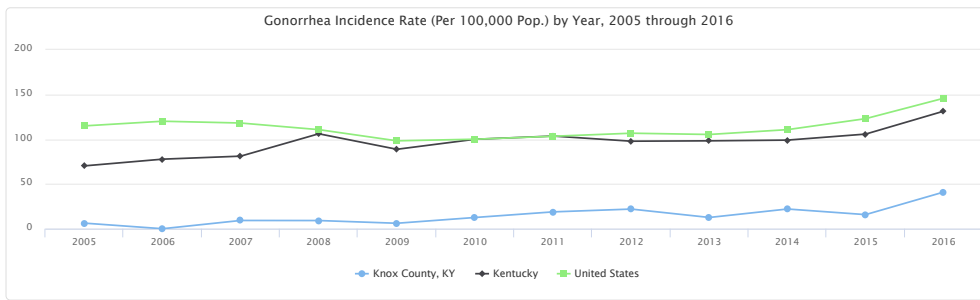
Gonorrhea Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian / Pacific Islander	American Indian / Alaska Native	Hispanic or Latino
Knox County, KY	No data	No data	No data	No data	No data
Kentucky	51.30	632.70	16.00	65.50	84.10
United States	57.30	503.20	28.80	228.10	96.10



Gonorrhea Incidence Rate (Per 100,000 Pop.) by Year, 2005 through 2016

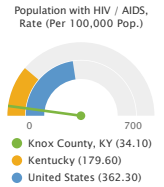
Report Area	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Knox County, KY	6.24	0.00	9.22	9.14	6.11	12.55	18.82	21.95	12.58	22.02	15.76	40.97
Kentucky	70.22	77.71	81.07	106.08	88.75	99.94	103.53	97.79	98.20	99.00	105.72	131.34
United States	114.90	120.10	118.10	110.70	98.20	100.00	103.30	106.70	105.30	110.70	122.96	145.76



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 13+	Population with HIV / AIDS	Population with HIV / AIDS, Rate (Per 100,000 Pop.)
Knox County, KY	26,359.00	9.00	34.10
Kentucky	3,698,797.00	6,644.00	179.60
United States	268,159,414.00	971,524.00	362.30



Note: This indicator is compared to the state average.
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, 2015. Source geography: County



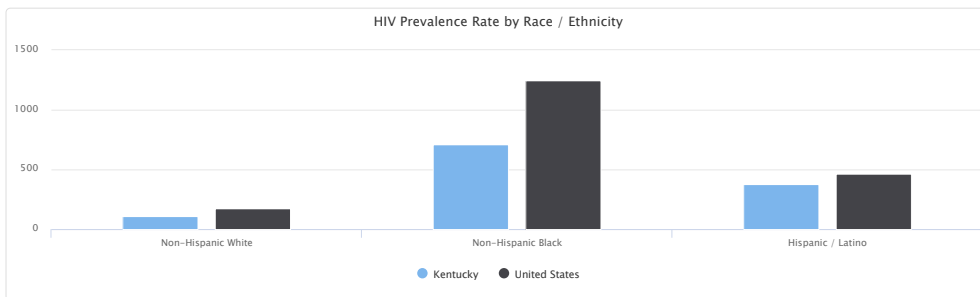
[View larger map](#)

HIV Prevalence, Rate (Per 100,000 Pop.) by County, NCHSTP 2015

- Over 200.0
- 100.1 - 200.0
- 50.1 - 100.0
- Under 50.1
- Data Suppressed (<4 Cases)
- Knox County, KY

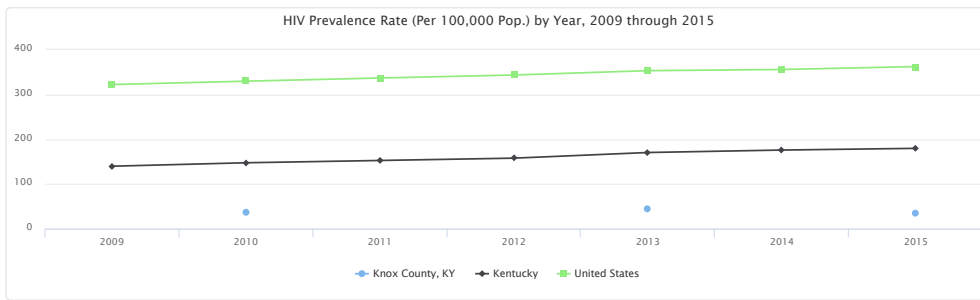
HIV Prevalence Rate by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic / Latino
Knox County, KY	No data	No data	No data
Kentucky	106.33	710.82	379.15
United States	174.00	1,243.80	462.00



HIV Prevalence Rate (Per 100,000 Pop.) by Year, 2009 through 2015

Report Area	2009	2010	2011	2012	2013	2014	2015
Knox County, KY	No data	36.90	No data	No data	45.30	No data	34.10
Kentucky	139.70	147.40	152.50	157.70	170.30	175.80	179.60
United States	322.20	329.70	336.80	343.50	353.16	355.80	362.30

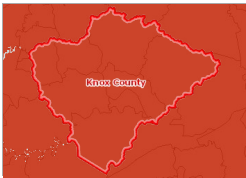
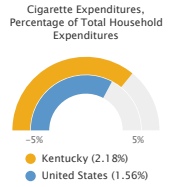


Tobacco Expenditures

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 Area	State Rank	Z-Score (US)	Z-Score (State)	Average Expenditures (USD)	Percentage of Food-At-Home Expenditures
Knox County, KY	113.00	3.79	2.49	Suppressed	Suppressed
Kentucky	No data	0.8	0	\$1,020.11	2.18%
United States	No data	No data	No data	\$822.70	1.56%

Note: This indicator is compared to the state average.
Data Source: Nielsen, Nielsen SiteReports, 2014. Source geography: Tract



[View larger map](#)

Cigarette Expenditures, Percent of Total Expenditures, National Rank by Tract, Nielsen 2014

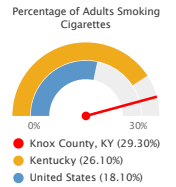
- 1st Quintile (Highest Expenditures)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Lowest Expenditures)
- No Data or Data Suppressed
- Knox County, KY

Tobacco Usage - Current Smokers

In the report area an estimated 7,118, or 29.70% 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 Area	Total Population Age 18+	Total Adults Regularly Smoking Cigarettes	Percent Population Smoking Cigarettes (Crude)	Percent Population Smoking Cigarettes (Age-Adjusted)
Knox County, KY	23,968.00	7,118	29.70%	29.30%
Kentucky	3,294,652.00	843,431	25.60%	26.10%
United States	232,556,016.00	41,491,223	17.80%	18.10%

Note: This indicator is compared to the state average.
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



[View larger map](#)

Current Smokers, Adult, Percent of Adults Age 18+ by County, BRFSS 2006-12

- Over 26.0%
- 22.1 - 26.0%
- 18.1 - 22.0%
- Under 18.1%
- No Data or Data Suppressed
- Knox County, KY

Health Outcomes

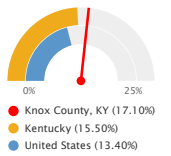
Measuring morbidity and mortality rates allows assessing linkages between social determinants of health and outcomes. By comparing, for example, the prevalence of certain chronic diseases to indicators in other categories (e.g., poor diet and exercise) with outcomes (e.g., high rates of obesity and diabetes), 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.

Report Area	Survey Population (Adults Age 18+)	Total Adults with Asthma	Percent Adults with Asthma
Knox County, KY	23,668	4,058	17.10%
Kentucky	3,308,269	513,969	15.50%
United States	237,197,465	31,697,608	13.40%

Percent Adults with Asthma

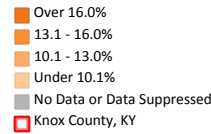


Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES, 2011-12. Source geography: County



[View larger map](#)

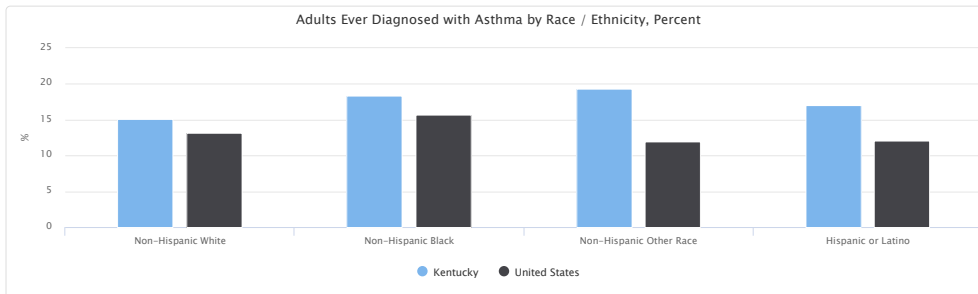
Asthma (Diagnosed), Percentage of Adults Age 18+ by County, BRFSS 2011-12



Adults Ever Diagnosed with Asthma by Race / Ethnicity, Percent

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other Race	Hispanic or Latino
Kentucky	15.08%	18.36%	19.36%	17.02%
United States	13.19%	15.75%	11.90%	12.02%

Note: No county data available. See data source and methodology for more details.

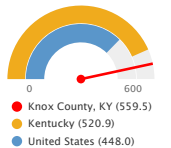


Cancer Incidence - All Sites

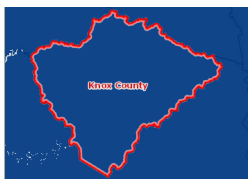
This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of cancer (all sites) adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is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

Report Area	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Knox County, KY	3,824	214	559.5
Kentucky	517,277	26,945	520.9
United States	36,564,955	1,638,110	448.0

Cancer Incidence Rate (Per 100,000 Pop.)

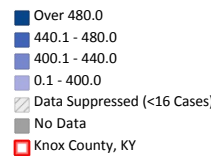


Note: This indicator is compared to the state average.
Data Source: State Cancer Profiles: 2012-16. Source geography: County



[View larger map](#)

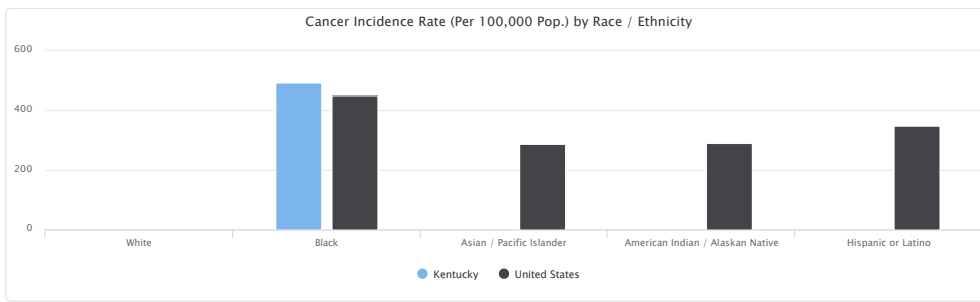
Cancer (All Sites), Incidence Rate (Per 100,000 Pop.) by County, State Cancer Profiles 2012-16



Cancer Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports the age-adjusted cancer incidence rate for the 5-year period 2012-2016 by race and by Hispanic origin.

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Knox County, KY	No data	Suppressed	No data	No data	No data
Kentucky	No data	493	No data	No data	No data
United States	No data	450.4	287.7	288.8	346.5



Cancer Incidence (Average Annual New Cases) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic / Latino
Knox County, KY	No data	Suppressed	No data	No data	No data
Kentucky	No data	1,610	No data	No data	No data
United States	No data	179,364	51,819	9,632	127,249

Top Five Most Commonly Diagnosed Cancers

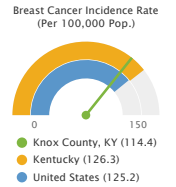
The counts and age-adjusted incidence rates of the five most common newly diagnosed cancers by site are presented in the table below.

Area Name	Cancer Site	Incidence	Age-Adjusted Rate
Knox County, Kentucky(7,8)	1 - Lung & Bronchus (All Stages^), 2012-2016	49	124
Knox County, Kentucky(7,8)	2 - Colon & Rectum (All Stages^), 2012-2016	23	63.1
Knox County, Kentucky(7,8)	3 - Breast (All Stages^), 2012-2016	23	114.4
Knox County, Kentucky(7,8)	4 - Prostate (All Stages^), 2012-2016	17	89.1
Knox County, Kentucky(7,8)	5 - Kidney & Renal Pelvis (All Stages^), 2012-2016	10	24.8
Kentucky(7,8)	1 - Lung & Bronchus (All Stages^), 2012-2016	4,886	92.2
Kentucky(7,8)	2 - Breast (All Stages^), 2012-2016	3,437	126.3
Kentucky(7,8)	3 - Prostate (All Stages^), 2012-2016	2,681	104.9
Kentucky(7,8)	4 - Colon & Rectum (All Stages^), 2012-2016	2,532	49.2
Kentucky(7,8)	5 - Melanoma of the Skin (All Stages^), 2012-2016	1,338	26.9

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.

Report Area	Estimated Total Population (Female)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Knox County, KY	2,010	23	114.4
Kentucky	272,129	3,437	126.3
United States	19,113,178	239,297	125.2

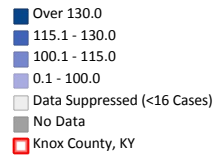


Note: This indicator is compared to the state average.
Data Source: State Cancer Profiles, 2012-16. Source geography: County



[View larger map](#)

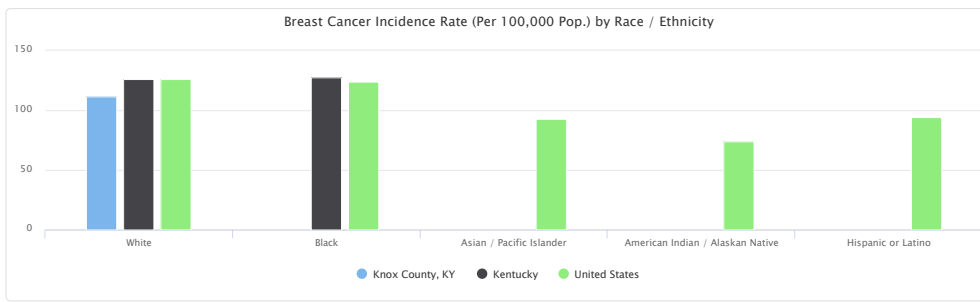
Breast Cancer, Incidence Rate (Per 100,000 Pop.) by County, State Cancer Profiles 2012-16



Breast Cancer Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports the age-adjusted breast cancer incidence rate for the 5-year period 2012-2016 by race and by Hispanic origin.

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Knox County, KY	111.3	Suppressed	No data	No data	No data
Kentucky	126.4	127.7	No data	No data	No data
United States	126.1	124	93	74.2	93.9



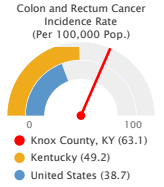
Breast Cancer Incidence (Average Annual New Cases) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic / Latino
Knox County, KY	23	Suppressed	No data	No data	No data
Kentucky	3,172	232	No data	No data	No data
United States	197,873	27,950	9,665	1,372	19,413

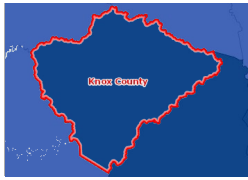
Cancer Incidence - Colon and Rectum

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.

Report Area	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Knox County, KY	3,645	23	63.1
Kentucky	514,634	2,532	49.2
United States	36,429,457	140,982	38.7



Note: This indicator is compared to the state average.
Data Source: State Cancer Profiles, 2012-16. Source geography: County



[View larger map](#)

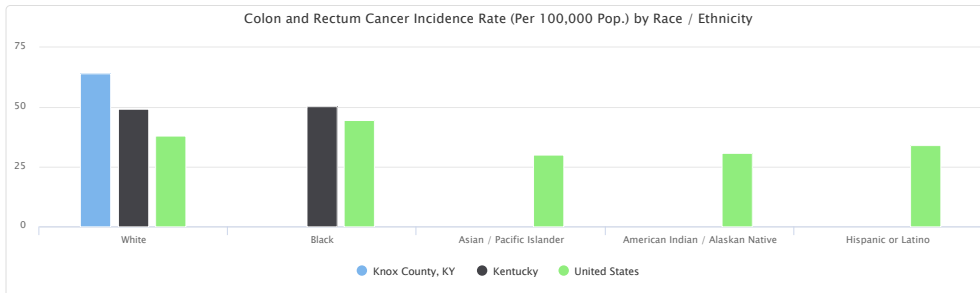
Colon-Rectal Cancer, Incidence Rate (Per 100,000 Pop.) by County, State Cancer Profiles 2012-16

- Over 50.0
- 44.1 - 50.0
- 38.1 - 44.0
- 0.1 - 38.0
- Data Suppressed (<16 Cases)
- No Data
- Knox County, KY

Colon and Rectum Cancer Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports the age-adjusted colon and rectum cancer incidence rate for the 5-year period 2012-2016 by race and by Hispanic origin.

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Knox County, KY	64.1	Suppressed	No data	No data	No data
Kentucky	49.1	50.4	No data	No data	No data
United States	38	44.7	30	30.9	34.1



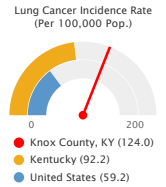
Colon and Rectum Cancer Incidence (Average Annual New Cases) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic / Latino
Knox County, KY	23	Suppressed	No data	No data	No data
Kentucky	2,334	165	No data	No data	No data
United States	115,519	17,423	5,333	1,004	12,049

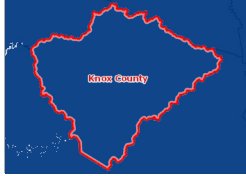
Cancer Incidence - Lung

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 Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Knox County, KY	3,951	49	124.0
Kentucky	529,934	4,886	92.2
United States	37,083,277	219,533	59.2

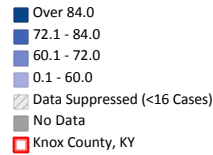


Note: This indicator is compared to the state average.
Data Source: State Cancer Profiles, 2012-16. Source geography: County



[View larger map](#)

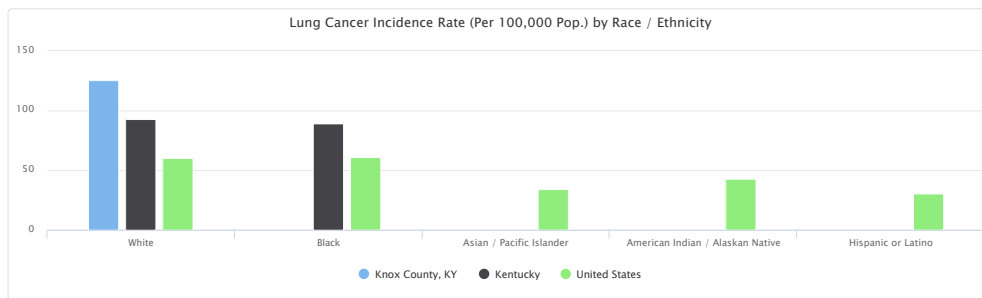
Lung Cancer, Incidence Rate (Per 100,000 Pop.) by County, State Cancer Profiles 2012-16



Lung Cancer Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports the age-adjusted lung and bronchus cancer incidence rate for the 5-year period 2012-2016 by race and by Hispanic origin.

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Knox County, KY	125.3	Suppressed	No data	No data	No data
Kentucky	93.1	89	No data	No data	No data
United States	60.1	60.9	34.4	42.6	30.2



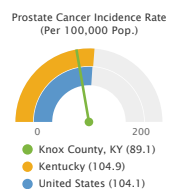
Lung Cancer Incidence (Average Annual New Cases) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic / Latino
Knox County, KY	49	Suppressed	No data	No data	No data
Kentucky	4,594	274	No data	No data	No data
United States	188,188	23,300	5,789	1,293	9,438

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.

Report Area	Estimated Total Population (Male)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Knox County, KY	1,907	17	89.1
Kentucky	255,576	2,681	104.9
United States	17,981,171	187,184	104.1

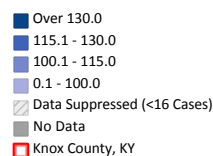


Note: This indicator is compared to the state average.
Data Source: State Cancer Profiles, 2012-16. Source geography: County



[View larger map](#)

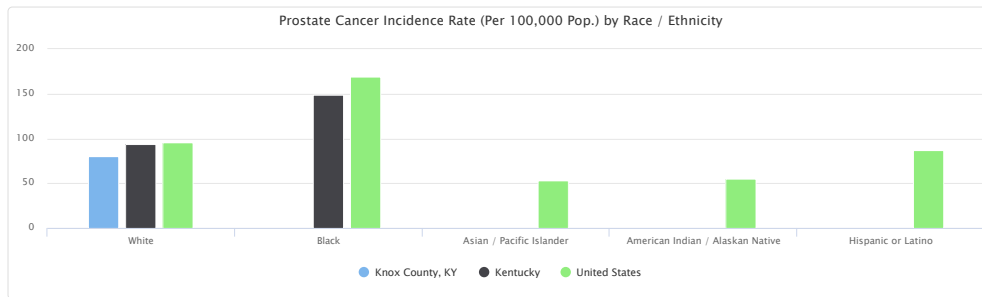
Prostate Cancer, Incidence Rate (Per 100,000 Pop.) by County, State Cancer Profiles 2012-16



Prostate Cancer Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports the age-adjusted prostate cancer incidence rate for the 5-year period 2012-2016 by race and by Hispanic origin.

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Knox County, KY	80.1	Suppressed	No data	No data	No data
Kentucky	93.8	149	No data	No data	No data
United States	95.3	168.8	52.7	55.3	86.8



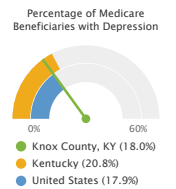
Prostate Cancer Incidence (Average Annual New Cases) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic / Latino
Knox County, KY	15	Suppressed	No data	No data	No data
Kentucky	2,228	224	No data	No data	No data
United States	145,245	30,346	4,154	828	13,268

Depression (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with depression.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Depression	Percent with Depression
Knox County, KY	5,739	1,034	18.0%
Kentucky	583,798	121,161	20.8%
United States	33,725,823	6,047,681	17.9%



Note: This indicator is compared to the state average.
Data Source: Centers for Medicare and Medicaid Services, 2017. Source geography: County



[View larger map](#)

Beneficiaries with Depression, Percent by County, CMS 2017

- Over 20.0%
- 17.1 - 20.0%
- 15.1 - 17.0%
- Under 15.1%
- No Data or Data Suppressed
- Knox County, KY

Percentage of Medicare Population with Asthma by Age

This indicator reports the prevalence of asthma among Medicare beneficiaries by age.

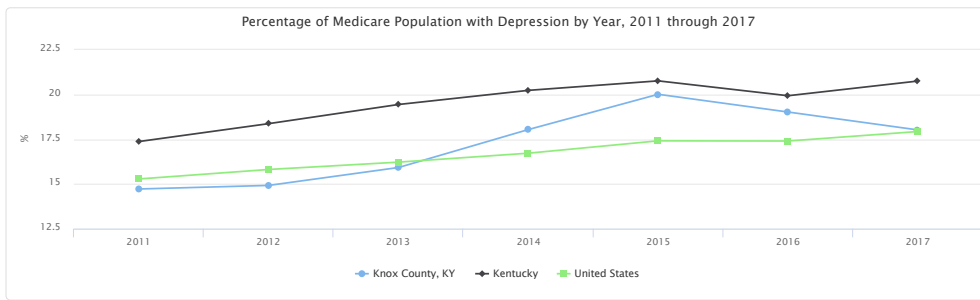
Report Area	65 Years and Older	Less than 65 Years
Kentucky	3.87%	2.33%

Note: No county data available. See data source and methodology for more details.

Percentage of Medicare Population with Depression by Year, 2011 through 2017

This indicator reports the percentage of the Medicare fee-for-service population with depression over time.

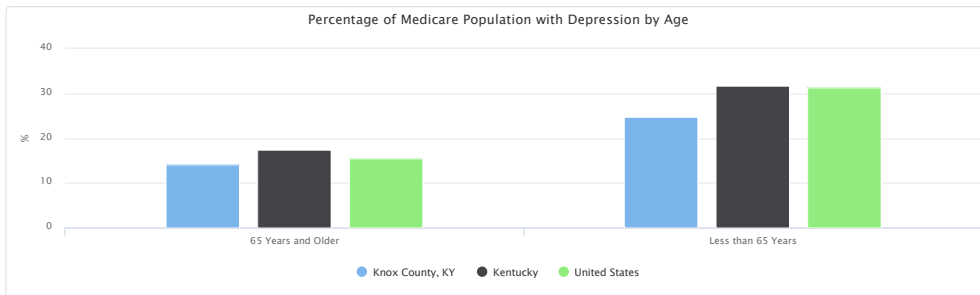
Report Area	2011	2012	2013	2014	2015	2016	2017
Knox County, KY	14.72%	14.92%	15.92%	18.04%	20.01%	19.02%	18.02%
Kentucky	17.37%	18.37%	19.44%	20.23%	20.76%	19.93%	20.75%
United States	15.28%	15.81%	16.22%	16.72%	17.41%	17.40%	17.93%



Percentage of Medicare Population with Depression by Age

This indicator reports the prevalence of depression among Medicare beneficiaries by age.

Report Area	65 Years and Older	Less than 65 Years
Knox County, KY	14.11%	24.83%
Kentucky	17.38%	31.61%
United States	15.43%	31.21%

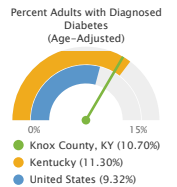


Diabetes (Adult)

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.

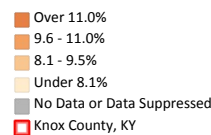
Report Area	Total Population Age 20+	Population with Diagnosed Diabetes	Population with Diagnosed Diabetes, Age-Adjusted Rate
Knox County, KY	23,056.00	2,882.00	10.70%
Kentucky	3,311,660.00	417,120.00	11.30%
United States	243,852,590.00	25,204,602.00	9.32%

Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2016. Source geography: County



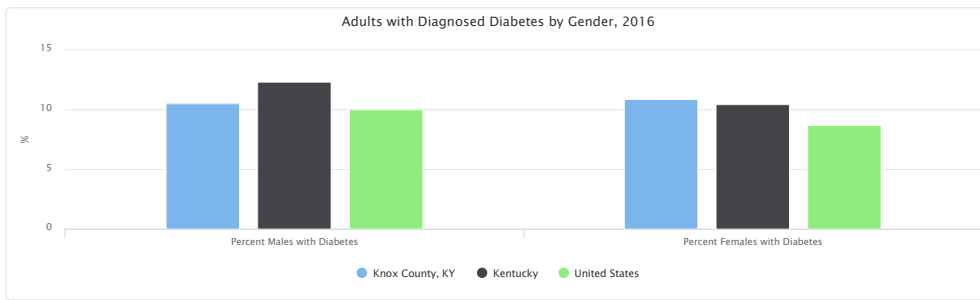
[View larger map](#)

Diabetes Prevalence, Percent of Adults Age 20+ by County, CDC NCCDPHP 2016



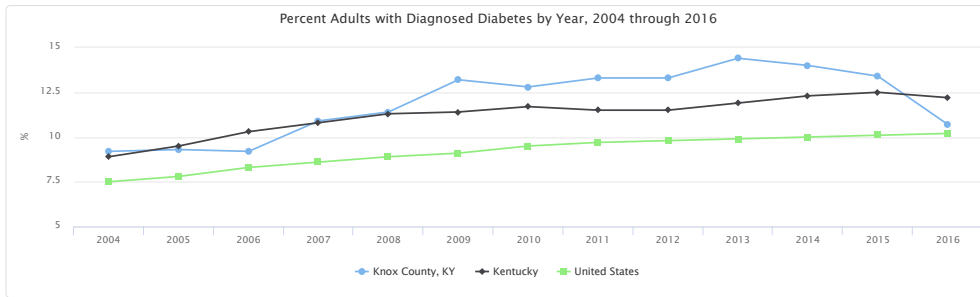
Adults with Diagnosed Diabetes by Gender, 2016

Report Area	Total Males with Diabetes	Percent Males with Diabetes	Total Females with Diabetes	Percent Females with Diabetes
Knox County, KY	1,314.00	10.5%	1,568.00	10.9%
Kentucky	215,804.00	12.3%	201,310.00	10.4%
United States	12,561,953.00	10.0%	12,193,905.00	8.7%



Percent Adults with Diagnosed Diabetes by Year, 2004 through 2016

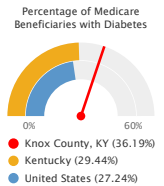
Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Knox County, KY	9.20%	9.30%	9.20%	10.90%	11.40%	13.20%	12.80%	13.30%	13.30%	14.40%	14.00%	13.40%	10.70%
Kentucky	8.9%	9.5%	10.3%	10.8%	11.3%	11.4%	11.7%	11.5%	11.5%	11.9%	12.3%	12.5%	12.2%
United States	7.5%	7.8%	8.3%	8.6%	8.9%	9.1%	9.5%	9.7%	9.8%	9.9%	10.0%	10.1%	10.2%



Diabetes (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with diabetes.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Diabetes	Percent with Diabetes
Knox County, KY	5,739	2,077	36.19%
Kentucky	583,798	171,881	29.44%
United States	33,725,823	9,188,128	27.24%



Note: This indicator is compared to the state average.
Data Source: Centers for Medicare and Medicaid Services, 2017. Source geography: County



[View larger map](#)

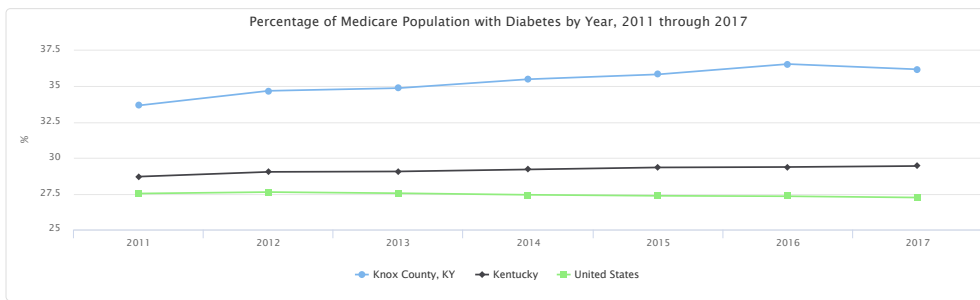
Beneficiaries with Diabetes, Percent by County, CMS 2017

- Over 30.0%
- 27.1 - 30.0%
- 24.1 - 27.0%
- Under 24.1%
- No Data or Data Suppressed
- Knox County, KY

Percentage of Medicare Population with Diabetes by Year, 2011 through 2017

This indicator reports the percentage of the Medicare fee-for-service population with diabetes over time.

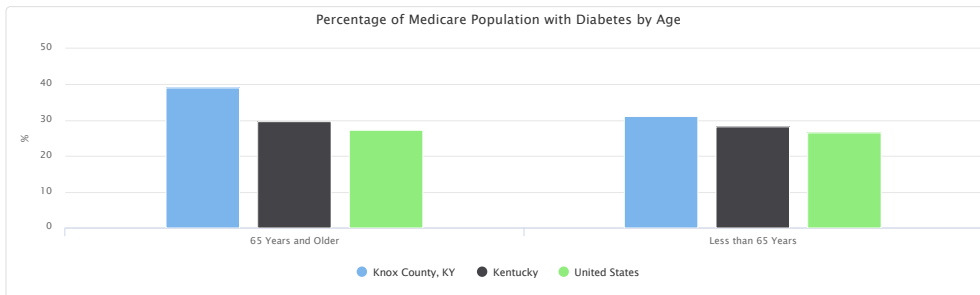
Report Area	2011	2012	2013	2014	2015	2016	2017
Knox County, KY	33.67%	34.69%	34.88%	35.50%	35.84%	36.56%	36.19%
Kentucky	28.70%	29.03%	29.06%	29.20%	29.34%	29.37%	29.44%
United States	27.52%	27.62%	27.54%	27.43%	27.36%	27.33%	27.24%



Percentage of Medicare Population with Diabetes by Age

This indicator reports the prevalence of diabetes among Medicare beneficiaries by age.

Report Area	65 Years and Older	Less than 65 Years
Knox County, KY	39.02%	31.24%
Kentucky	29.79%	28.34%
United States	27.36%	26.61%

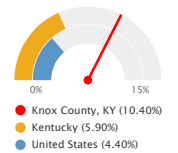


Heart Disease (Adult)

2,399, or 10.40% 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.

Report Area	Survey Population (Adults Age 18+)	Total Adults with Heart Disease	Percent Adults with Heart Disease
Knox County, KY	22,979	2,399	10.40%
Kentucky	3,286,020	194,665	5.90%
United States	236,406,904	10,407,185	4.40%

Percent Adults with Heart Disease



Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES, 2011-12. Source geography: County



[View larger map](#)

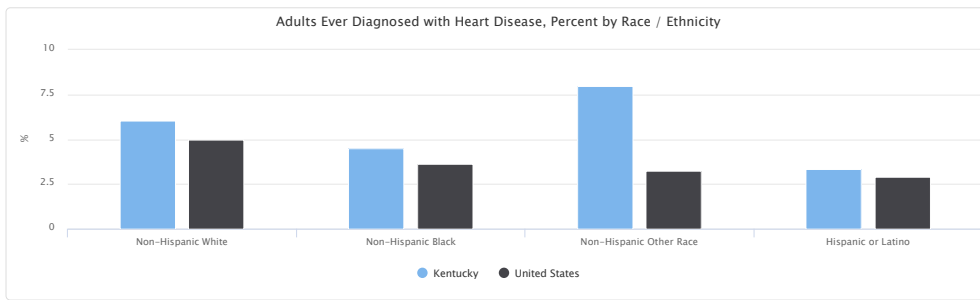
Heart Disease (Diagnosed), Percentage of Adults Age 18+ by County, BRFSS 2011-12

- Over 7.0%
- 5.1 - 7.0%
- 3.1 - 5.0%
- Under 3.1%
- No Data or Data Suppressed
- Knox County, KY

Adults Ever Diagnosed with Heart Disease, Percent by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other Race	Hispanic or Latino
Kentucky	6.05%	4.47%	7.96%	3.34%
United States	4.99%	3.63%	3.23%	2.92%

Note: No county data available. See data source and methodology for more details.

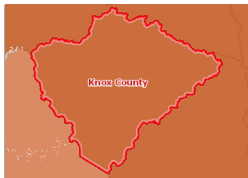
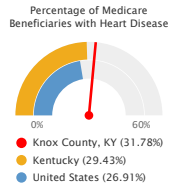


Heart Disease (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with ischaemic heart disease.

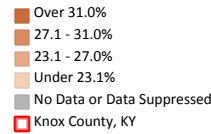
Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Heart Disease	Percent with Heart Disease
Knox County, KY	5,739	1,824	31.78%
Kentucky	583,798	171,814	29.43%
United States	33,725,823	9,076,698	26.91%

Note: This indicator is compared to the state average.
Data Source: Centers for Medicare and Medicaid Services, 2017. Source geography: County



[View larger map](#)

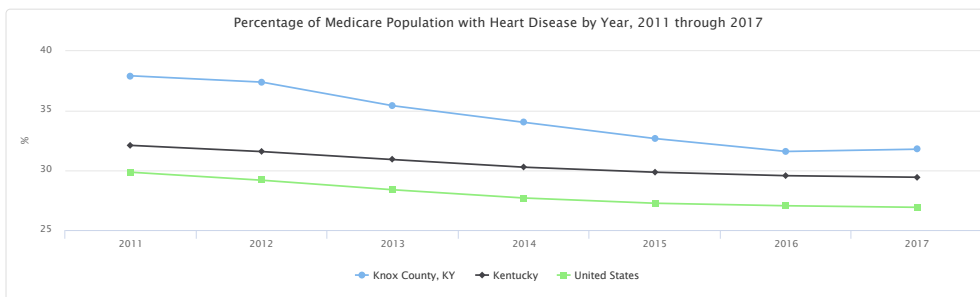
Beneficiaries with Ischemic Heart Disease, Percent by County, CMS 2017



Percentage of Medicare Population with Heart Disease by Year, 2011 through 2017

This indicator reports the percentage of the Medicare fee-for-service population with ischaemic heart disease over time.

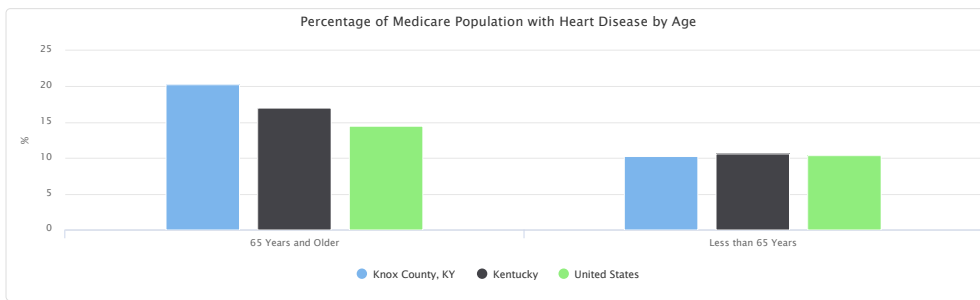
Report Area	2011	2012	2013	2014	2015	2016	2017
Knox County, KY	37.93%	37.40%	35.42%	34.03%	32.67%	31.59%	31.78%
Kentucky	32.10%	31.58%	30.91%	30.27%	29.85%	29.56%	29.43%
United States	29.85%	29.18%	28.38%	27.69%	27.25%	27.04%	26.91%



Percentage of Medicare Population with Heart Disease by Age

This indicator reports the prevalence of heart disease among Medicare beneficiaries by age.

Report Area	65 Years and Older	Less than 65 Years
Knox County, KY	20.25%	10.24%
Kentucky	17.04%	10.60%
United States	14.54%	10.34%

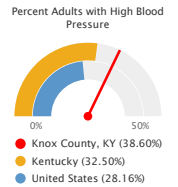


High Blood Pressure (Adult)

9,252, or 38.60% of adults aged 18 and older have ever been told by a doctor that they have high blood pressure or hypertension.

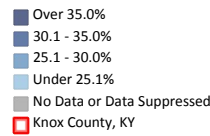
Report Area	Total Population (Age 18+)	Total Adults with High Blood Pressure	Percent Adults with High Blood Pressure
Knox County, KY	23,968.00	9,252	38.60%
Kentucky	3,294,652.00	1,070,762	32.50%
United States	232,556,016.00	65,476,522	28.16%

Note: This indicator is compared to the state average.
 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



[View larger map](#)

High Blood Pressure, Percent of Adults Age 18+ by County, BRFSS 2006-12

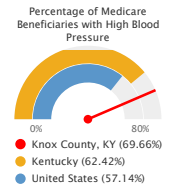


High Blood Pressure (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with hypertension (high blood pressure).

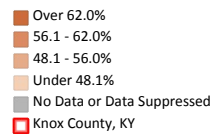
Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with High Blood Pressure	Percent with High Blood Pressure
Knox County, KY	5,739	3,998	69.66%
Kentucky	583,798	364,396	62.42%
United States	33,725,823	19,269,721	57.14%

Note: This indicator is compared to the state average.
 Data Source: Centers for Medicare and Medicaid Services, 2017. Source geography: County



[View larger map](#)

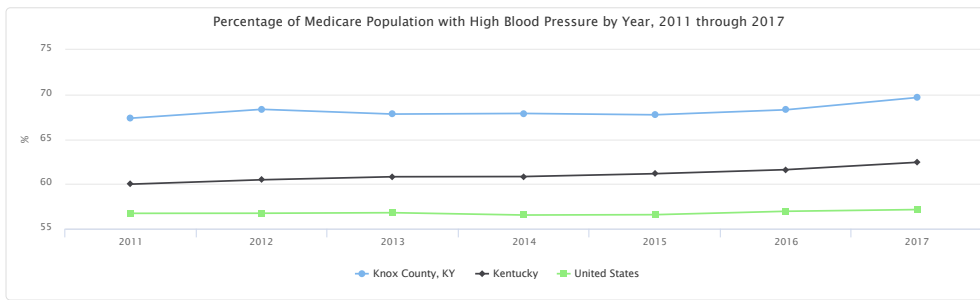
Beneficiaries with High Blood Pressure, Percent by County, CMS 2017



Percentage of Medicare Population with High Blood Pressure by Year, 2011 through 2017

This indicator reports the percentage of the Medicare fee-for-service population with high blood pressure over time.

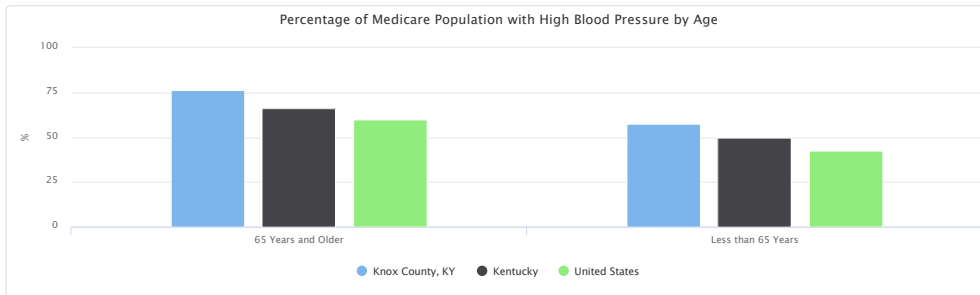
Report Area	2011	2012	2013	2014	2015	2016	2017
Knox County, KY	67.35%	68.34%	67.81%	67.88%	67.73%	68.29%	69.66%
Kentucky	59.98%	60.47%	60.81%	60.83%	61.15%	61.60%	62.42%
United States	56.72%	56.73%	56.79%	56.53%	56.57%	56.95%	57.14%



Percentage of Medicare Population with High Blood Pressure by Age

This indicator reports the prevalence of high blood pressure among Medicare beneficiaries by age.

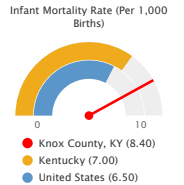
Report Area	65 Years and Older	Less than 65 Years
Knox County, KY	76.57%	57.61%
Kentucky	66.35%	49.76%
United States	59.88%	42.56%



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.

Report Area	Total Births	Total Infant Deaths	Infant Mortality Rate (Per 1,000 Births)
Knox County, KY	2,280	19	8.40
Kentucky	285,390	1,998	7.00
United States	20,913,535	136,369	6.50

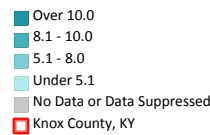


Note: This indicator is compared to the state average.
Data Source: US Department of Health & Human Services, Health Resources and Services Administration, Area Health Resource File, 2006-10. Source geography: County



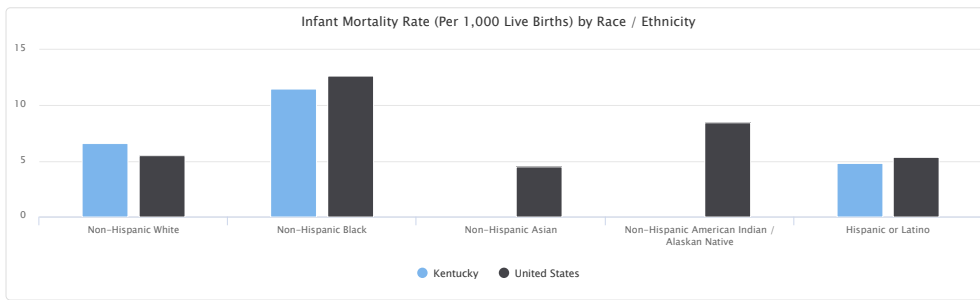
[View larger map](#)

Infant Mortality, Rate (Per 1,000 Live Births) by County, AHRF 2006-10



Infant Mortality Rate (Per 1,000 Live Births) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Asian	Non-Hispanic American Indian / Alaskan Native	Hispanic or Latino
Knox County, KY	No data	No data	No data	No data	No data
Kentucky	6.60	11.50	No data	No data	4.80
United States	5.50	12.70	4.50	8.50	5.40

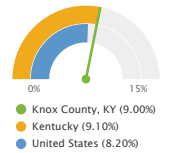


Low Birth Weight

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.

Report Area	Total Live Births	Low Weight Births (Under 2500g)	Low Weight Births, Percent of Total
Knox County, KY	3,423.00	308.00	9.00%
Kentucky	400,946.00	36,486.00	9.10%
United States	29,300,495.00	2,402,641.00	8.20%

Percent Low Birth Weight Births

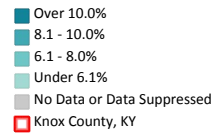


Note: This indicator is compared to the state average.
Data Source: US Department of Health & Human Services, Health Indicators Warehouse, Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER, 2006-12. Source geography: County



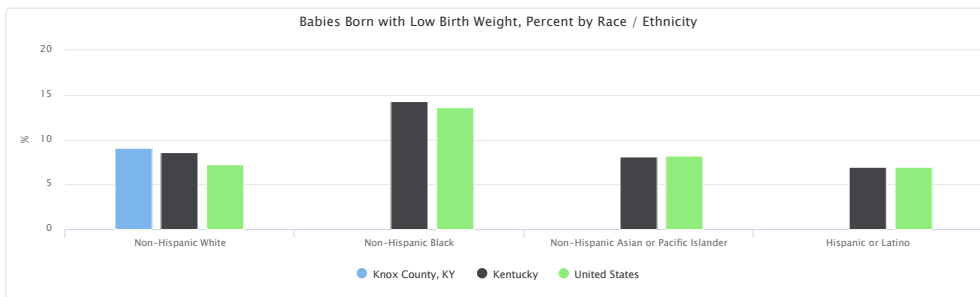
[View larger map](#)

Low Birth Weight, Percent of Live Births by County, NVSS 2006-12



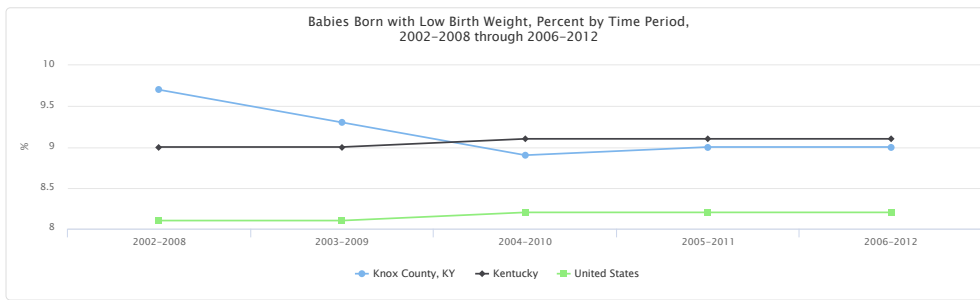
Babies Born with Low Birth Weight, Percent by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Asian or Pacific Islander	Hispanic or Latino
Knox County, KY	9.10%	No data	No data	No data
Kentucky	8.60%	14.30%	8.10%	7.00%
United States	7.20%	13.60%	8.20%	7.00%



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

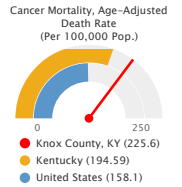
Report Area	2002-2008	2003-2009	2004-2010	2005-2011	2006-2012
Knox County, KY	9.70%	9.30%	8.90%	9.00%	9.00%
Kentucky	9.00%	9.00%	9.10%	9.10%	9.10%
United States	8.10%	8.10%	8.20%	8.20%	8.20%



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.

Report Area	Total Population	Average Annual Deaths, 2012-2016	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Knox County, KY	31,646	91	288.8	225.6
Kentucky	4,425,001	10,234	231.27	194.59
United States	321,050,281	593,931	185.0	158.1



Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER, 2013-17. Source geography: County



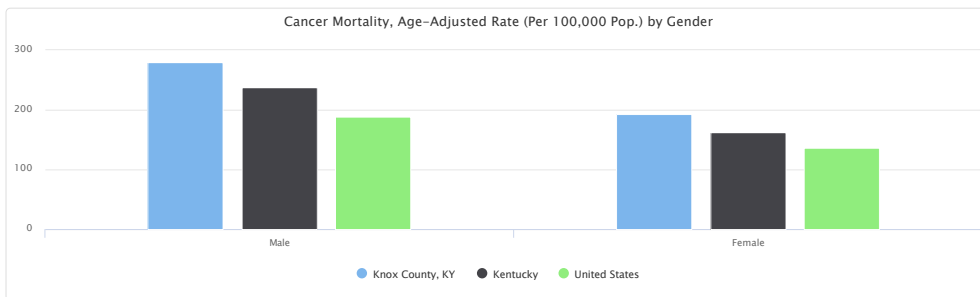
[View larger map](#)

Cancer Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2013-17

- Over 200.0
- 180.1 - 200.0
- 160.1 - 180.0
- Under 160.1
- Data Suppressed (<20 Deaths)
- K Knox County, KY

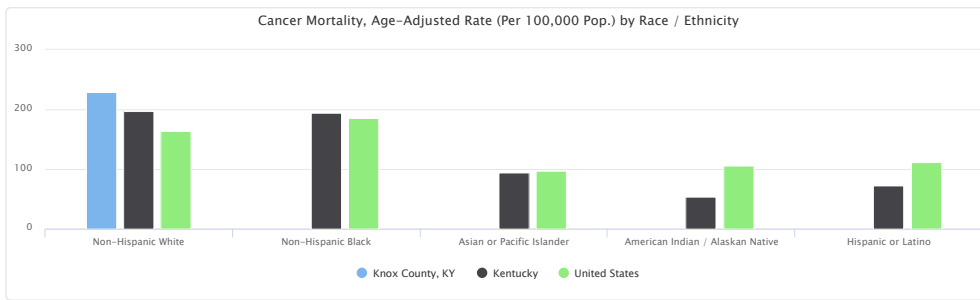
Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Knox County, KY	279.99	192.21
Kentucky	238.32	162.53
United States	188.76	135.70



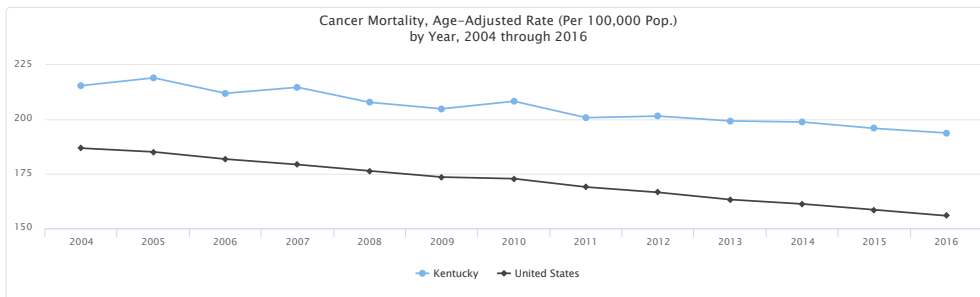
Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Knox County, KY	228.51	No data	No data	No data	No data
Kentucky	197.16	193.91	94.03	53.05	73.10
United States	163.17	185.93	97.79	105.18	110.90



Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2004 through 2016

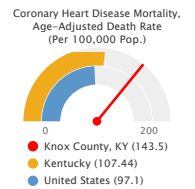
Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Kentucky	215.48	219.06	211.98	214.73	207.81	204.85	208.32	200.79	201.50	199.30	198.80	195.87	193.76
United States	186.79	185.09	181.78	179.26	176.37	173.53	172.79	168.96	166.50	163.20	161.20	158.52	155.76



Mortality - Coronary Heart Disease

Within the report area the rate of death due to coronary heart disease (ICD10 Codes I20-I25) per 100,000 population is 143.5. This rate is greater than than the Healthy People 2020 target of less than or equal to 103.4. 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 Population	Average Annual Deaths, 2012-2016	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Knox County, KY	31,646	54	170.0	143.5
Kentucky	4,425,001	5,526	124.89	107.44
United States	321,050,281	366,195	114.1	97.1



Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER, 2013-17. Source geography: County



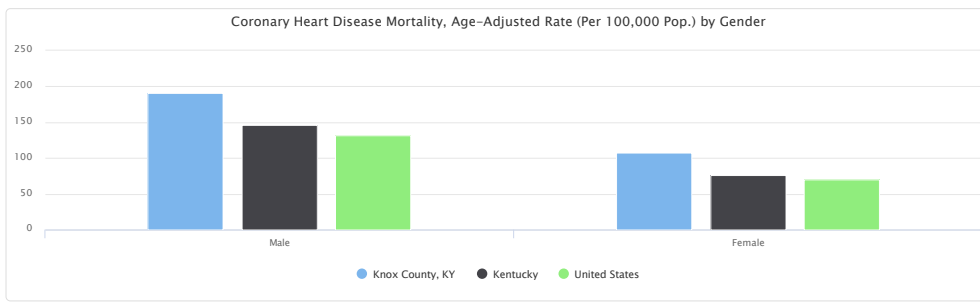
[View larger map](#)

Coronary Heart Disease Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2013-17

- Over 150.0
- 120.1 - 150.0
- 100.1 - 120.0
- Under 100.1
- Data Suppressed (<20 Deaths)
- K Knox County, KY

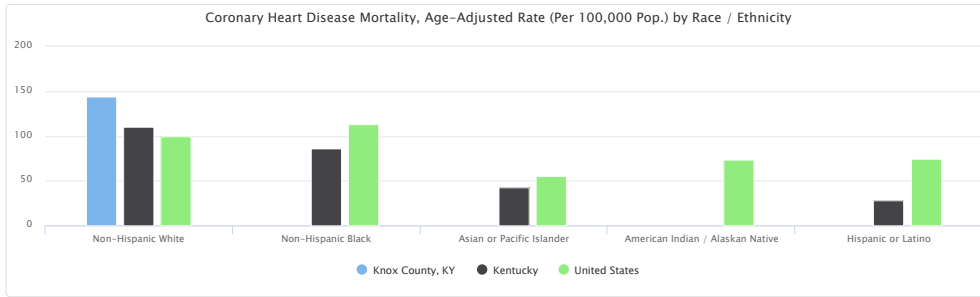
Coronary Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Knox County, KY	190.95	107.35
Kentucky	146.45	76.35
United States	131.45	70.04



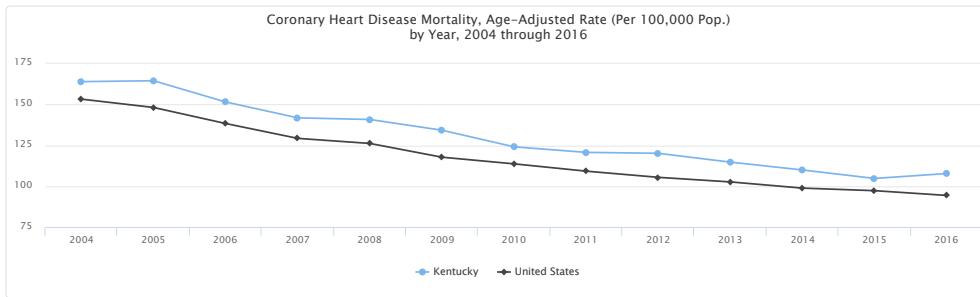
Coronary Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Knox County, KY	143.86	No data	Suppressed	Suppressed	Suppressed
Kentucky	110.44	86.22	42.67	Suppressed	28.32
United States	99.47	112.62	55.18	73.14	74.44



Coronary Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2004 through 2016

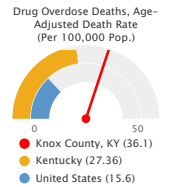
Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Kentucky	163.96	164.50	151.52	141.80	140.79	134.23	124.07	120.67	120.10	114.70	109.90	104.72	107.73
United States	153.24	148.15	138.33	129.24	126.14	117.72	113.65	109.18	105.40	102.60	98.80	97.24	94.33



Mortality - Drug Poisoning

This indicator reports the rate of death due to drug overdose per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are summarized for report areas from county level data, only where data is available.

Report Area	Total Population	Average Annual Deaths, 2012-2016	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Knox County, KY	31,748	11	34.6	36.1
Kentucky	4,410,247	1,173	26.60	27.36
United States	318,689,254	49,715	15.6	15.6

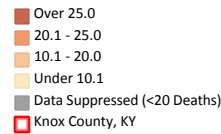


Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER, 2012-16. Source geography: County



[View larger map](#)

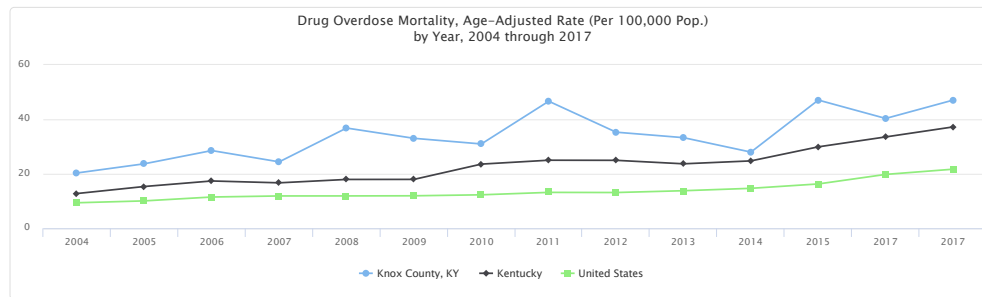
Drug Overdose Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2012-16



Drug Overdose Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2004 through 2017

The table and chart below display the age-adjusted rate of drug overdose deaths for single years between 2004 and 2017. County-level figures are modelled estimates, while state and national rates are based on actual recorded deaths, age-adjusted to the U.S. population standard.

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2017	2017
Knox County, KY	20.32	23.69	28.54	24.40	36.81	33.04	30.97	46.65	35.29	33.28	27.98	47.08	40.33	47.06
Kentucky	12.77	15.35	17.38	16.70	17.94	17.96	23.57	25.00	24.96	23.68	24.75	29.91	33.55	37.22
United States	9.38	10.07	11.49	11.88	11.89	11.94	12.30	13.19	13.14	13.80	14.68	16.29	19.79	21.70

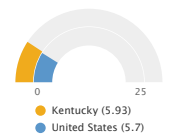


Mortality - Homicide

This indicator reports the rate of death due to assault (homicide) 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 homicide rate is a measure of poor community safety and is a leading cause of premature death.

Report Area	Total Population	Average Annual Deaths, 2012-2016	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Knox County, KY	31,646	2	7.6	Suppressed
Kentucky	4,425,001	253	5.73	5.93
United States	321,050,281	17,732	5.5	5.7

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

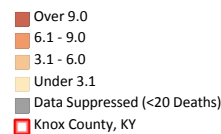


Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER, 2013-17. Source geography: County



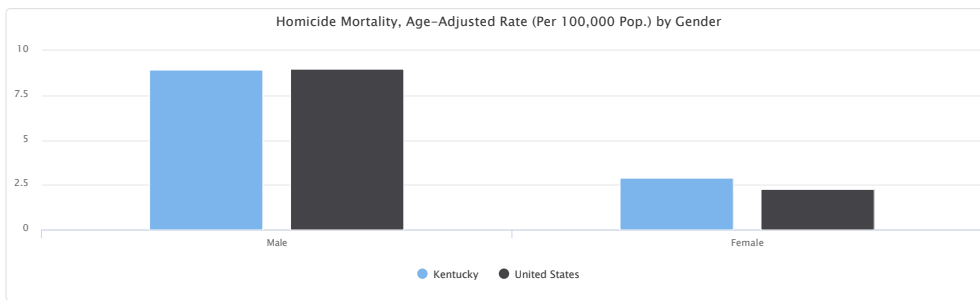
[View larger map](#)

Homicide Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2013-17



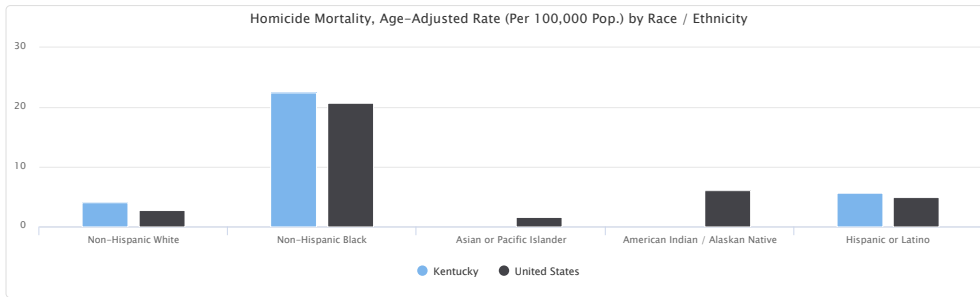
Homicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Knox County, KY	Suppressed	Suppressed
Kentucky	8.93	2.89
United States	9.00	2.27



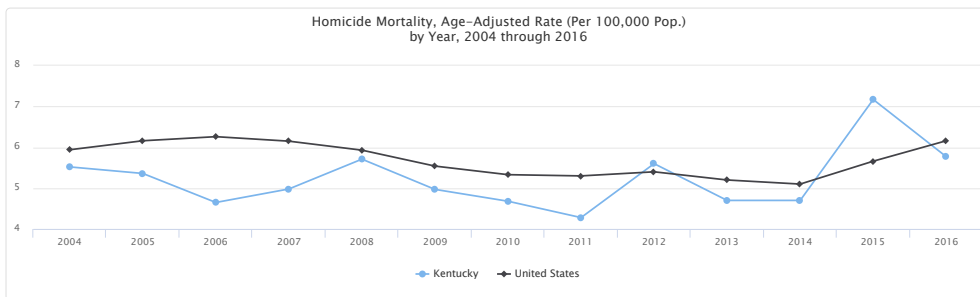
Homicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Knox County, KY	Suppressed	No data	No data	No data	No data
Kentucky	4.13	22.48	Suppressed	Suppressed	5.60
United States	2.70	20.72	1.63	6.07	4.89



Homicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2004 through 2016

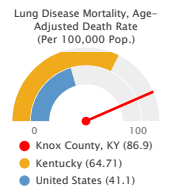
Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Kentucky	5.52	5.36	4.65	4.98	5.71	4.97	4.68	4.28	5.60	4.70	4.70	7.17	5.77
United States	5.94	6.16	6.26	6.15	5.93	5.54	5.33	5.30	5.40	5.20	5.10	5.66	6.16



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.

Report Area	Total Population	Average Annual Deaths, 2012-2016	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Knox County, KY	31,646	34	108.1	86.9
Kentucky	4,425,001	3,340	75.47	64.71
United States	321,050,281	153,229	47.7	41.1



Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER, 2013-17. Source geography: County



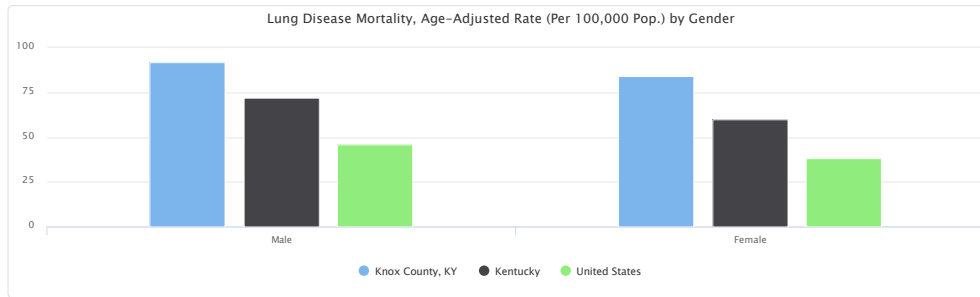
[View larger map](#)

Lung Disease Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2013-17

- Over 60.0
- 50.1 - 60.0
- 40.1 - 50.0
- Under 40.1
- Data Suppressed (<10 Deaths)
- Knox County, KY

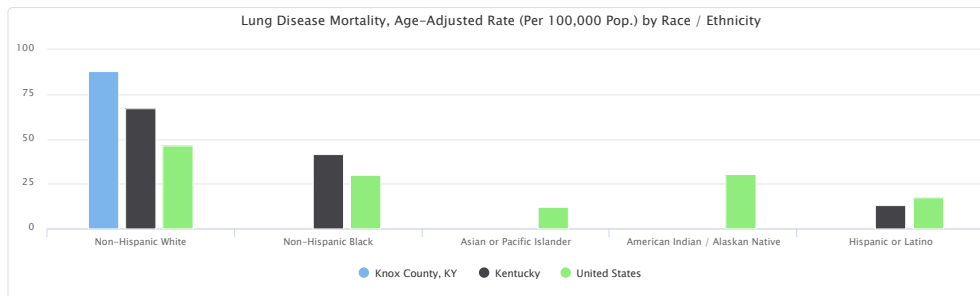
Lung Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Knox County, KY	91.92	83.86
Kentucky	71.96	60.06
United States	45.74	37.94



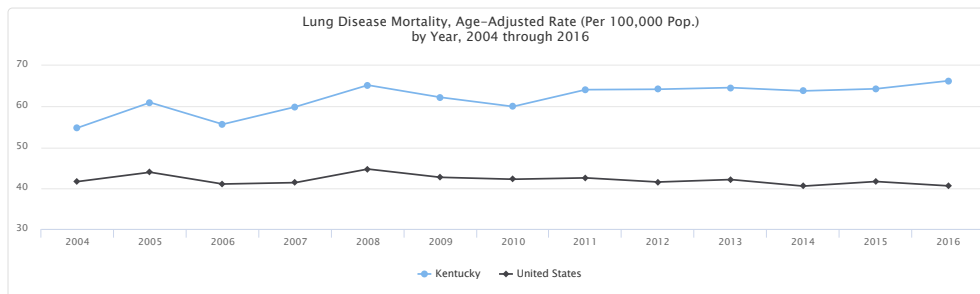
Lung Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Knox County, KY	87.92	No data	No data	No data	No data
Kentucky	67.09	41.53	Suppressed	Suppressed	13.11
United States	46.32	29.82	12.30	30.51	17.61



Lung Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2004 through 2016

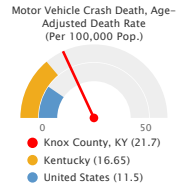
Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Kentucky	54.77	60.96	55.63	59.89	65.21	62.23	59.97	64.10	64.20	64.60	63.80	64.31	66.27
United States	41.61	43.89	41.01	41.35	44.67	42.65	42.18	42.51	41.50	42.10	40.50	41.62	40.56



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 nonmotorist, 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 Population	Average Annual Deaths, 2012-2016	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Knox County, KY	31,646	7	21.5	21.7
Kentucky	4,425,001	751	16.97	16.65
United States	321,050,281	37,816	11.8	11.5

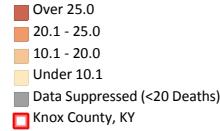


Note: This indicator is compared to the state average.
 Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER, 2013-17. Source geography: County



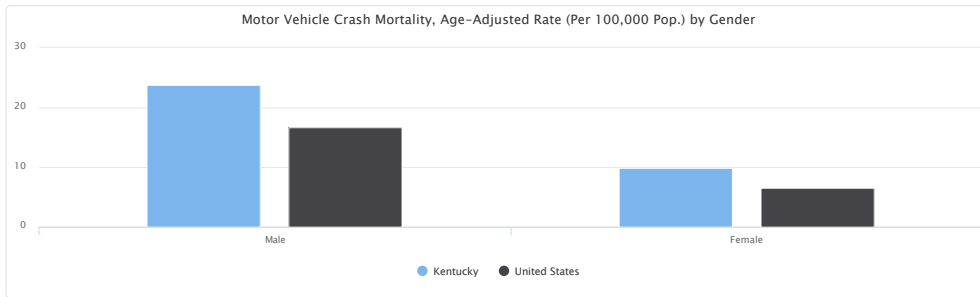
[View larger map](#)

Motor Vehicle Crash Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2013-17



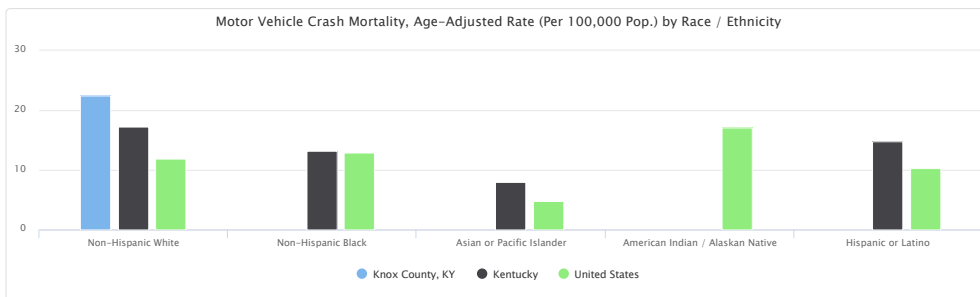
Motor Vehicle Crash Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Knox County, KY	No data	No data
Kentucky	23.71	9.92
United States	16.71	6.46



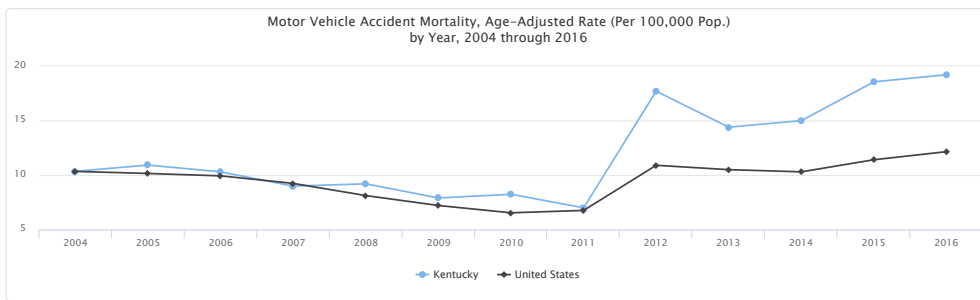
Motor Vehicle Crash Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Knox County, KY	22.40	No data	No data	No data	No data
Kentucky	17.21	13.18	8.02	Suppressed	14.83
United States	11.87	12.85	4.85	17.07	10.29



Motor Vehicle Accident Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2004 through 2016

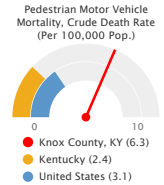
Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Kentucky	10.35	10.92	10.30	8.99	9.20	7.90	8.24	7.00	17.70	14.40	15.00	18.56	19.21
United States	10.34	10.15	9.93	9.24	8.12	7.21	6.54	6.76	10.90	10.50	10.30	11.41	12.15



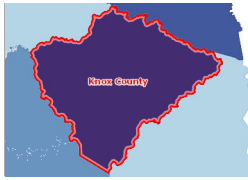
Mortality - Pedestrian Motor Vehicle Crash

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.

Report Area	Total Population (2010)	Total Pedestrian Deaths, 2011-2015	Average Annual Deaths, Rate per 100,000 Pop.
Knox County, KY	31,883	6	6.3
Kentucky	4,339,367	310	2.4
United States	312,732,537	28,832	3.1

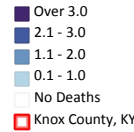


Note: This indicator is compared to the state average.
Data Source: US Department of Transportation, National Highway Traffic Safety Administration, Fatality Analysis Reporting System, 2011-2015. Source geography: County



[View larger map](#)

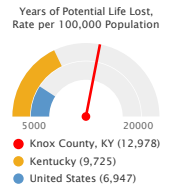
Pedestrian Motor Vehicle Crash Mortality, Rate (Per 100,000 Pop.) by County, NHTSA 2011-2015



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 Area	Total Population	Total Premature Death, 2015-2017	Total Years of Potential Life Lost, 2015-2017 Average	Years of Potential Life Lost, Rate per 100,000 Population
Knox County, KY	88,003	706	11,421	12,978
Kentucky	12,477,370	73,300	1,213,466	9,725
United States	908,082,355	3,744,894	63,087,358	6,947

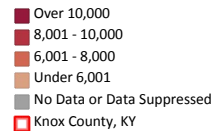


Note: This indicator is compared to the state average.
Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2015-17. Source geography: County



[View larger map](#)

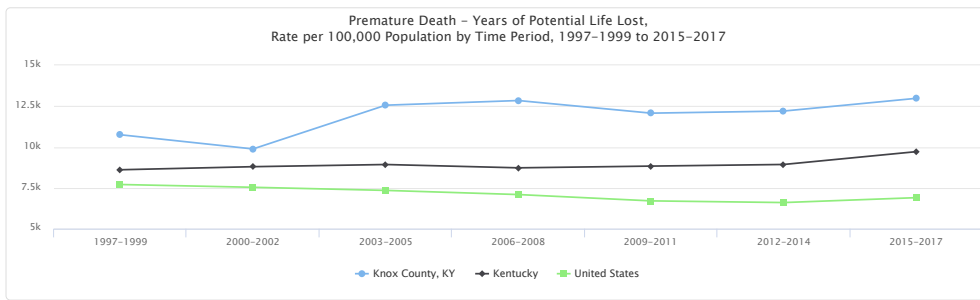
Premature Death (YPLL), Years Lost Rate (Per 100,000 Pop.) by County, NVSS 2015-17



Premature Death - Years of Potential Life Lost, Rate per 100,000 Population by Time Period, 1997-1999 to 2015-2017

This indicator reports Years of Potential Life Lost (YPLL) per 100,000 age-adjusted population by time period.

Report Area	1997-1999	2000-2002	2003-2005	2006-2008	2009-2011	2012-2014	2015-2017
Knox County, KY	10,749.3	9,881.7	12,557.8	12,842.9	12,070.8	12,199.7	12,978.4
Kentucky	8,607.5	8,795	8,928.6	8,725.52	8,831.6	8,931.5	9,715.63
United States	7,705.2	7,535	7,345	7,090.49	6,703.7	6,601.2	6,900.63



Premature Death Rate per 100,000 Population by Race / Ethnicity

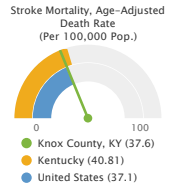
This indicator reports Years of Potential Life Lost (YPLL) per 100,000 age-adjusted population by race/ethnicity.

Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic or Latino
Knox County, KY	No data	No data	No data

Mortality - Stroke

Within the report area there are an estimated 37.6 deaths due to cerebrovascular disease (stroke) per 100,000 population. This is greater than 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 Population	Average Annual Deaths, 2012-2016	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Knox County, KY	31,646	14	43.6	37.6
Kentucky	4,425,001	2,039	46.09	40.81
United States	321,050,281	138,186	43.0	37.1



Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER, 2013-17. Source geography: County

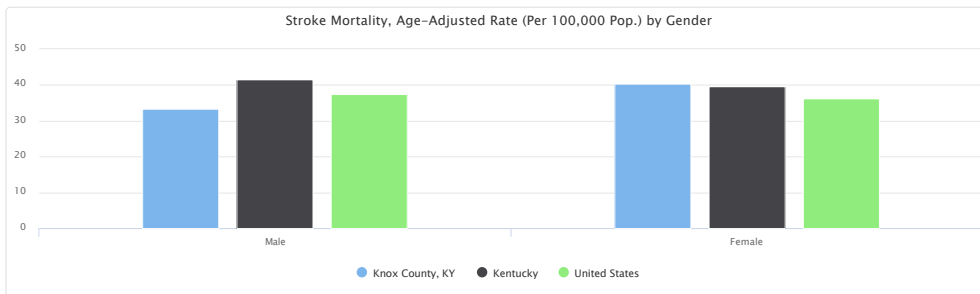


Stroke Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2013-17

- Over 70.0
- 55.1 - 70.0
- 40.1 - 55.0
- Under 40.1
- Data Suppressed (<20 Deaths)
- Knox County, KY

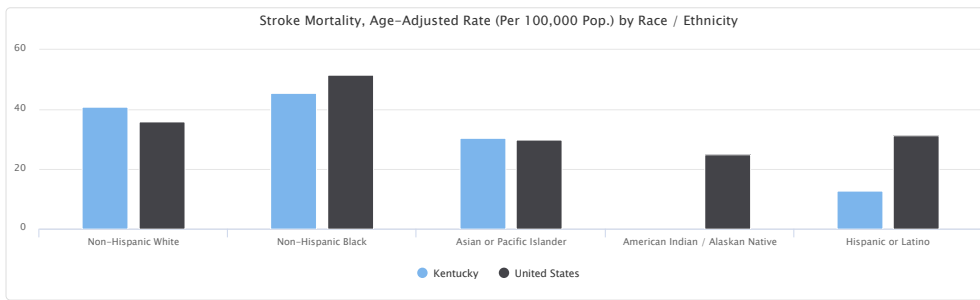
Stroke Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Knox County, KY	33.32	40.25
Kentucky	41.44	39.70
United States	37.38	36.16



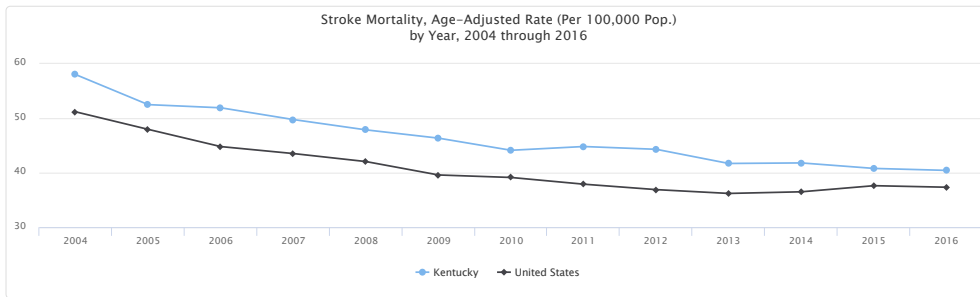
Stroke Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Kentucky	40.84	45.37	30.31	Suppressed	12.82
United States	35.86	51.62	29.72	24.95	31.28



Stroke Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2004 through 2016

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Kentucky	58.02	52.50	51.92	49.76	47.87	46.35	44.12	44.81	44.30	41.70	41.80	40.79	40.43
United States	51.18	47.96	44.80	43.52	42.05	39.59	39.13	37.90	36.90	36.20	36.50	37.62	37.34

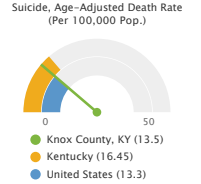


Mortality - Suicide

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.

Report Area	Total Population	Average Annual Deaths, 2012-2016	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Knox County, KY	31,646	4	13.3	13.5
Kentucky	4,425,001	746	16.86	16.45
United States	321,050,281	44,061	13.7	13.3

Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER, 2013-17. Source geography: County



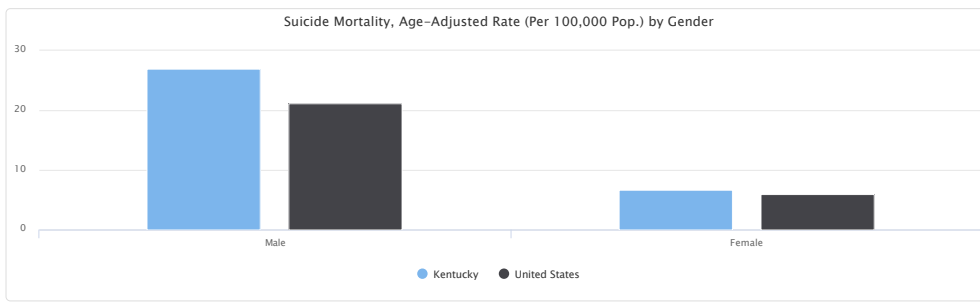
[View larger map](#)

Suicide Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2013-17

- Over 20.0
- 16.1 - 20.0
- 12.1 - 16.0
- Under 12.1
- Data Suppressed (<20 Deaths)
- Knox County, KY

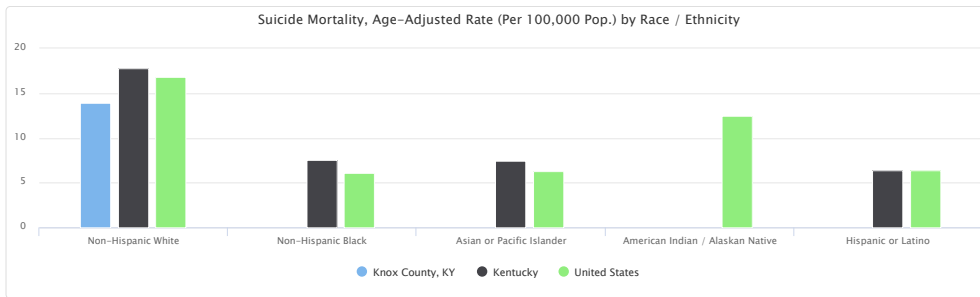
Suicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Knox County, KY	Suppressed	Suppressed
Kentucky	26.91	6.62
United States	21.17	5.90



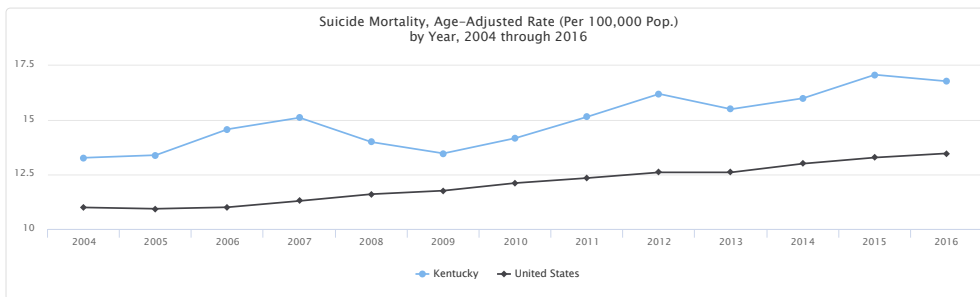
Suicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Knox County, KY	13.92	No data	No data	No data	No data
Kentucky	17.75	7.56	7.42	Suppressed	6.36
United States	16.82	6.06	6.32	12.47	6.39



Suicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2004 through 2016

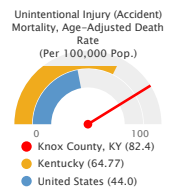
Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Kentucky	13.27	13.39	14.58	15.11	13.99	13.47	14.17	15.15	16.20	15.50	16.00	17.08	16.78
United States	10.99	10.93	11.00	11.29	11.60	11.76	12.11	12.34	12.60	12.60	13.00	13.28	13.47



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.

Report Area	Total Population	Average Annual Deaths, 2012-2016	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Knox County, KY	31,646	26	80.9	82.4
Kentucky	4,425,001	2,911	65.78	64.77
United States	321,050,281	148,873	46.4	44.0



Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER, 2013-17. Source geography: County



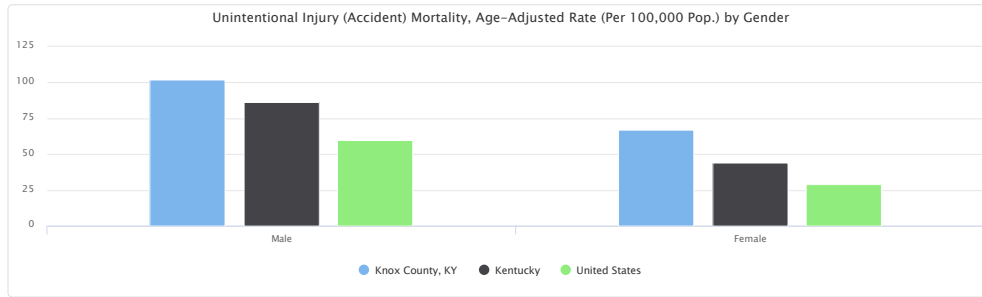
[View larger map](#)

Unintentional Injury (Accident) Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2013-17

- Over 70.0
- 50.1 - 70.0
- 40.1 - 50.0
- Under 40.1
- Data Suppressed (<20 Deaths)
- Knox County, KY

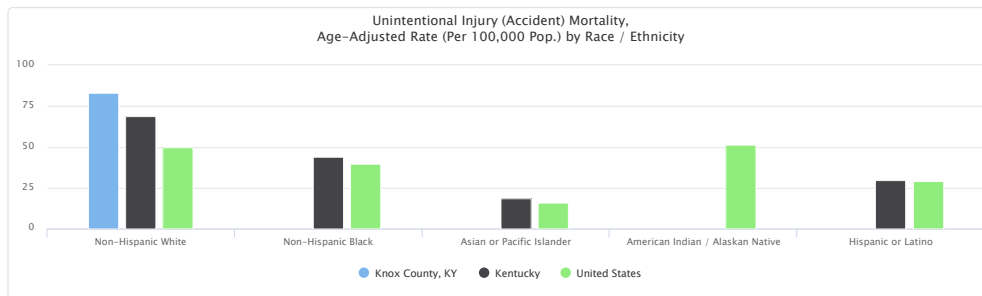
Unintentional Injury (Accident) Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Knox County, KY	101.99	67.32
Kentucky	86.57	44.37
United States	59.93	29.10



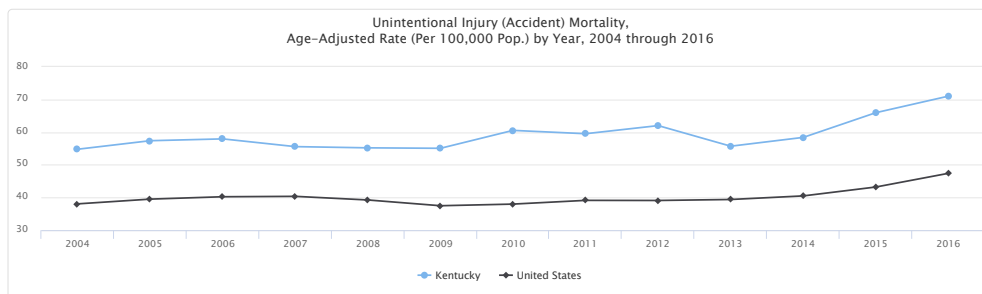
Unintentional Injury (Accident) Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Knox County, KY	82.99	No data	No data	No data	No data
Kentucky	68.56	43.80	18.64	Suppressed	29.59
United States	49.83	39.85	16.02	51.48	29.31



Unintentional Injury (Accident) Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2004 through 2016

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Kentucky	54.77	57.38	57.94	55.57	55.20	55.06	60.54	59.52	62.00	55.70	58.40	65.96	71.02
United States	38.06	39.51	40.24	40.36	39.25	37.49	37.99	39.13	39.10	39.40	40.50	43.22	47.41



Obesity

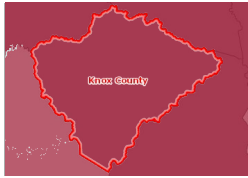
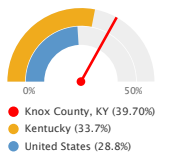
39.70% of adults aged 20 and older self-report that they have a Body Mass Index (BMI) greater than 30.0 (obese) in the report area. Excess weight may indicate an unhealthy lifestyle and

puts individuals at risk for further health issues.

Report Area	Total Population Age 20+	Adults with BMI > 30.0 (Obese)	Percent Adults with BMI > 30.0 (Obese)
Knox County, KY	23,132.00	9,114.00	39.70%
Kentucky	3,309,802.00	1,120,106.00	33.7%
United States	241,290,773.00	69,953,947.00	28.8%

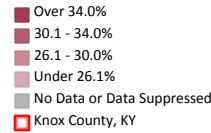
Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2016. Source geography: County

Percentage of Adults Obese



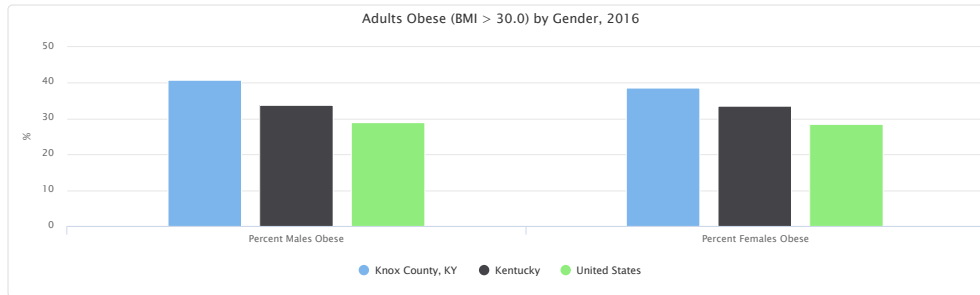
[View larger map](#)

Obese (BMI >= 30), Adults Age 20+, Percent by County, CDC NCCDPHP 2016



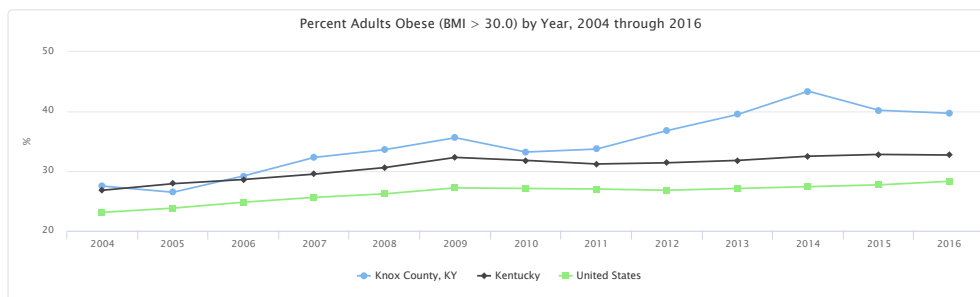
Adults Obese (BMI > 30.0) by Gender, 2016

Report Area	Total Males Obese	Percent Males Obese	Total Females Obese	Percent Females Obese
Knox County, KY	4,511.00	40.8%	4,602.00	38.7%
Kentucky	549,471.00	33.9%	570,636.00	33.5%
United States	34,425,823.00	29.1%	35,528,108.00	28.6%



Percent Adults Obese (BMI > 30.0) by Year, 2004 through 2016

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Knox County, KY	27.50%	26.46%	29.20%	32.30%	33.60%	35.60%	33.20%	33.70%	36.80%	39.50%	43.40%	40.20%	39.70%
Kentucky	26.8%	27.9%	28.6%	29.5%	30.6%	32.3%	31.8%	31.2%	31.4%	31.8%	32.5%	32.8%	32.7%
United States	23.1%	23.8%	24.8%	25.6%	26.2%	27.2%	27.1%	27.0%	26.8%	27.1%	27.4%	27.7%	28.3%

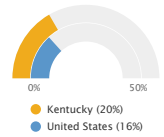


Obesity (Youth)

This indicator reports the percentage of youth aged 10 - 17 who are obese, based on Body Mass Index (BMI). Children are classified as obese if their calculated BMI is in the 95th percentile or above for their age. This indicator is relevant because excess weight is a prevalent problem in the U.S.; it indicates an unhealthy lifestyle and puts individuals at risk for further health issues.

Report Area	Total Population (Age 10 - 17)	Number Obese	Percent Obese
Knox County, KY	No data	No data	No data
Kentucky	414,415	81,412	20%
United States	30,059,005	4,851,000	16%

Percentage of Children Age 10-17 Obese



Note: This indicator is compared to the state average.
Data Source: Child and Adolescent Health Measurement Initiative, National Survey of Children's Health, 2016. Source geography: State



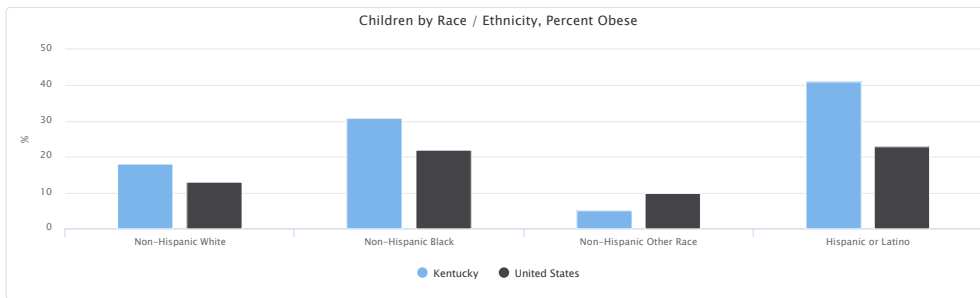
[View larger map](#)

Children Age 10-17 Obese (BMI-for-age), Percent by State, NSCH 2016

- Over 19.0%
- 16.1 - 19.0%
- 13.1 - 16.0%
- Under 13.1%
- Knox County, KY

Children by Race / Ethnicity, Percent Obese

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other Race	Hispanic or Latino
Kentucky	18%	31%	5%	41%
United States	13%	22%	10%	23%

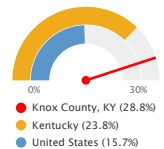


Poor Dental Health

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.

Report Area	Total Population (Age 18+)	Total Adults with Poor Dental Health	Percent Adults with Poor Dental Health
Knox County, KY	23,839.00	6,872.00	28.8%
Kentucky	3,294,652.00	782,958.00	23.8%
United States	235,375,690.00	36,842,620.00	15.7%

Percent Adults with Poor Dental Health



Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES, 2006-10. Source geography: County



[View larger map](#)

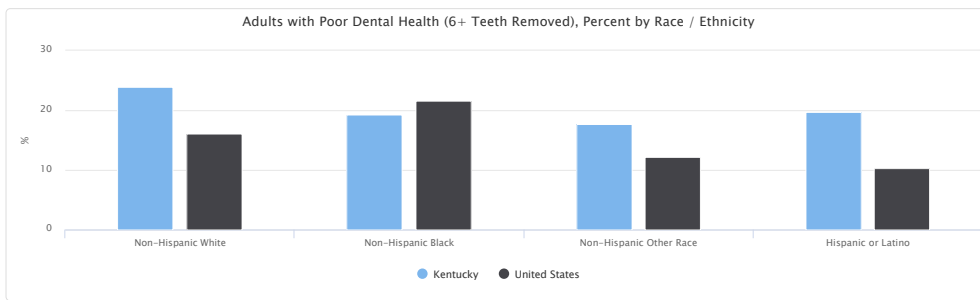
Adults Age 18+ Without Dental Exam in Past 12 Months, Percent by County, BRFSS 2006-10

- Over 42.0%
- 34.1 - 42.0%
- 26.1 - 34.0%
- Under 26.1%
- No Data or Data Suppressed
- Knox County, KY

Adults with Poor Dental Health (6+ Teeth Removed), Percent by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other Race	Hispanic or Latino
Kentucky	23.93%	19.27%	17.65%	19.72%
United States	16.04%	21.60%	12.11%	10.31%

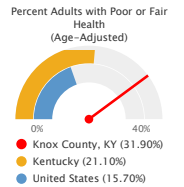
Note: No county data available. See data source and methodology for more details.



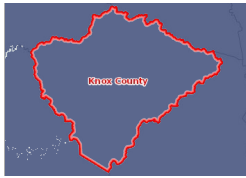
Poor General Health

Within the report area 31.00% of adults age 18 and older self-report having poor or fair health in response to the question "would you say that in general your health is excellent, very good, good, fair, or poor?". This indicator is relevant because it is a measure of general poor health status.

Report Area	Total Population Age 18+	Estimated Population with Poor or Fair Health	Crude Percentage	Age-Adjusted Percentage
Knox County, KY	23,968.00	7,430	31.00%	31.90%
Kentucky	3,294,652.00	724,823	22.00%	21.10%
United States	232,556,016.00	37,766,703	16.20%	15.70%



Note: This indicator is compared to the state average.
 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



[View larger map](#)

Adults with Poor or Fair Health, Percent by County, BRFSS 2006-12

- Over 22.0%
- 16.1 - 22.0%
- 12.1 - 16.0%
- Under 12.1%
- No Data or Data Suppressed
- Knox County, KY