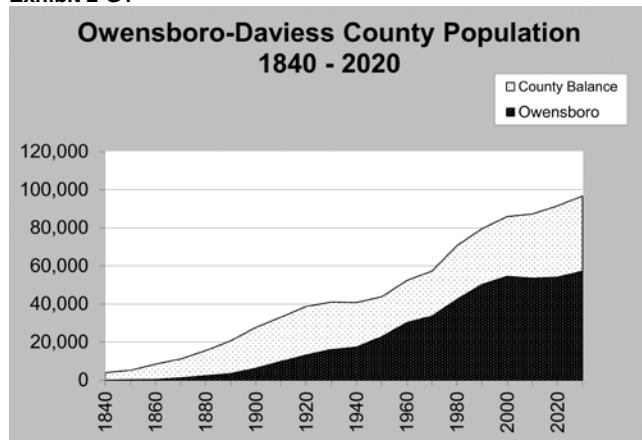


## Population

### *Population Trends*

At the beginning of the twentieth century, Owensboro's population made up only 34% of the total population of Daviess County. However, by 1930 more people lived inside Owensboro than outside. The **2020 U.S. Bureau of the Census** data revealed that population figures for Daviess County totaled **103,312** people with **60,183** people or 58% living within the corporate limits of the City of Owensboro.

**Exhibit 2-G1**



*Beginning in the 1930s, Owensboro and the county as a whole generally outpaced the growth rates of Kentucky and the nation. This trend continued until the mid 1970s. By the end of the 1970s Owensboro and Daviess County dropped below the national and state growth rates.*

Whitesville, the only other incorporated city in Daviess County, has experienced fluctuations in population since 1920 when the city had a population of 427. The city grew to 723 by 1950. Its highest population was in 1980 at 788. The population has declined from 632 reported in the 2000 census to 552 in 2010 with a slight increase in to 579 in the 2020 census.

Exhibit **2-T1** compares population trends of Owensboro, Daviess County, Kentucky, and the United States for ten-year periods starting in 1820. During the 1980s, 1990s, and 2000s local growth has not kept pace with the rates of Kentucky or the nation.

The U.S. Bureau of the Census publishes annual population estimates for cities, counties and states on July 1<sup>st</sup> of every year. As of July 1, 2022 the population of Daviess County was 99,674, the estimated population of the City of Owensboro was 60,037 and the estimated population of the City of Whitesville was 576.

## POPULATION

**Exhibit 2-T1: Changes in Population 1820 - 2020**

Year	Obooro	% Change	Daviess County	% Change	Kentucky	% Change	United States	% Change
1820	50		3,876		564,317		10,037,323	
1830	229	358.0	5,209	34.4	687,917	21.9	12,785,928	27.4
1840	300	31.0	8,331	59.9	779,828	13.4	16,987,946	32.9
1850	1,215	305.0	11,147	33.8	982,405	26	23,054,152	35.7
1860	2,308	90.0	15,549	39.5	1,156,683	17.7	31,183,582	35.3
1870	3,437	48.9	20,714	33.2	1,321,011	14.2	38,155,505	22.4
1880	6,231	81.3	27,730	33.9	1,648,690	24.8	49,371,340	29.4
1890	9,837	57.9	33,120	19.4	1,858,635	12.7	62,116,811	25.8
1900	13,189	34.1	38,667	16.7	2,147,174	15.5	76,212,168	22.7
1910	16,011	21.4	41,020	6.1	2,289,907	6.6	92,228,496	21
1920	17,424	8.8	40,733	0.7	2,416,630	5.5	106,021,537	15
1930	22,765	30.7	43,779	7.5	2,614,589	8.2	123,202,624	16.2
1940	30,245	32.9	52,335	19.5	2,845,627	8.8	132,164,569	7.3
1950	33,651	11.3	57,241	9.4	2,944,806	3.5	151,325,798	14.5
1960	42,471	26.2	70,588	23.3	3,038,156	3.2	179,323,175	18.5
1970	50,329	18.5	79,486	12.6	3,219,000	6	203,211,926	13.3
1980	54,450	8.2	85,949	8.1	3,660,777	13.7	226,545,805	11.5
1990	53,549	-1.7	87,189	1.4	3,686,891	0.7	248,709,873	9.8
2000	54,067	1.0	91,545	5	4,041,769	9.6	281,421,906	13.2
2010	57,265	5.9	96,656	5.6	4,339,367	7.4	308,745,538	9.7
2020	60,183	5.1	103,312	6.4	4,505,836	3.7	331,449,281	6.8

Source: U.S. Bureau of the Census, Kentucky State Data Center

### Births, Deaths, Natural Increase

Death has ranged in Daviess County from 725 in 1970 to 1,080 in 2016, the latest available preliminary data from the Kentucky State Data Center. The death rate (calculated as deaths per 1,000 persons) declined from 1950 to 1990 and then increased slightly in 2000, and has fluctuated slightly since that time. This may be indicative of our aging population with the median age rising to 39.3 in 2020 from 38.8 in 2010 and 36.8 in 2000, an increase in the median age of 2.5 years in the past two decades. The Kentucky State Data Center estimated population for July 2016 was used to calculate the death rate as 2016 is the latest year for which preliminary death numbers are available.

The number of births recorded in the last available data from the Kentucky State Data Center indicates a total of 1,343 births in 2016. The fertility rate calculates to 61.9, a decrease from the rate in 2010. The fertility rate (births per 1,000 women between the ages of 15-44) has declined from the baby boom of the 1950's and early 60's, but has remained relatively stable since the 1990's.

Natural increase is defined as the difference between births and deaths during a given time interval - the number by which the population would increase or decrease without migration. The rate of natural increase is computed by dividing natural increase by the beginning population, then multiplying by 1,000. The beginning population in 2020 used is 103,312 as reported by the 2020 Census, resulting in an estimated natural increase rate of 2.64 by 2016. Exhibit 2-T2 is a listing of these rates with their associated fertility and death rates.

*Since the turn of the 20th century, the largest increases in population in the City of Owensboro have occurred in the 1920s, 1930s and 1950s. Daviess County saw the highest increases in the 1930s, 1950s and 1960s*

*During the 1980s the City of Owensboro actually lost population, but has increased its population in the 90s and 00s due to the aggressive annexation policy of the City of Owensboro.*

## POPULATION

*The rate of natural increase has continued a steady decline since 1950.*

**Exhibit 2 –T2: Natural Increase**

Year	Fertility Rate	Death Rate	Natural Increase
<b>1960</b>	<b>126.04</b>	<b>9.15</b>	<b>16.73</b>
<b>1970</b>	<b>96.20</b>	<b>9.12</b>	<b>11.25</b>
<b>1980</b>	<b>79.01</b>	<b>9.04</b>	<b>9.13</b>
<b>1990</b>	<b>64.60</b>	<b>8.93</b>	<b>5.87</b>
<b>2000</b>	<b>66.20</b>	<b>10.30</b>	<b>4.73</b>
2010	72.0	10.2	3.24
2016 prel	61.90	10.8	2.64
Source: Kentucky Cabinet for Health and Family Services, Vital Statistics Reports, KY State Data Center preliminary 2016 data			

## Net Migration

The third component influencing population change is migration.

**Exhibit 2-T3: Net Migration**

<b>DAVIESS COUNTY POPULATION</b>					
Time Period	At Begin	At End	Period Change	Natural Increase	Net Migration
1950-1960	57,241	70,588	13,347	11,827	+1,520
1960-1970	70,588	79,486	8,898	9,930	-1,032
1971-1980	79,486	85,949	6,463	6,316	+ 147
1981-1990	85,949	87,189	1,240	6,308	-5,068
1991-2000	87,189	91,545	4,356	4,122	+234
2001-2010	91,545	96,656	5,111	4,348	763
2011-2016	96,656	99,674*	3,018	2,063	+998
2010-2020	96,656	103,312	6,656	2,914	+3,740

*After the in-migration of the 1950's, the trend for Daviess County has been net **out-migration** from Daviess County, with the exception of slight in-migration in the 1970's and again in the 1990s. The 1980s saw a significant out- migration.*

## Population Distribution

Approximately 58% of the growth of the population in Daviess County between 2010 and 2020 has occurred within the City of Owensboro. The City of Owensboro accounted for 44% of the total population gain of 6,656 These are encouraging numbers as our land use plan and policies attempt to direct growth to areas where urban services, such as sanitary sewers, are available or can be easily extended.

**Exhibit 2-T4 –Distribution of Population Growth**

Year	O'boro	Daviess County	# change O'boro	# change Daviess Co	% of growth within city
1990	53,549	87,189			
2000	54,067	91,545	518	4,356	11.89%
2010	57,265	96,656	3,198	5,111	62.57%
2020	60,183	103,312	2,918	6,656	58.25%

## POPULATION

**Exhibit 2-T5: 1990-2020**

**Population Changes: Urban Service Area vs. Rural Service Area**

Population	Daviess County TOTAL	Urban Service Area	Rural Service Area	RSA % of Daviess County
1990	<b>87,189</b>	65,824	21,365	24.5%
2000	<b>91,545</b>	67,475	24,070	26.3%
1990-2000 Change	<b>4,356</b>	1,651	2,705	62.1%
1990-2000 % Chg	<b>5.0%</b>	2.5%	12.7%	
2010	<b>96,656</b>	71,367	25,289	26.2%
2000-2010 Change	<b>5,111</b>	3,892	1,219	23.9%
2000-2010 % Chg	<b>5.6%</b>	5.8%	5.0%	
2020	<b>103,312</b>	76,244	27,068	26..2%
2010-2020 Change	<b>6,656</b>	4,877	1,779	
2010-2020 % Chg	<b>6.9%</b>	6.8%	7.0%	
1990-2020 Change	<b>16,123</b>	10,420	5,703	35.3%
1990-2020 % Chg	<b>18.5%</b>	15.8%	26.7%	
Source: 1990, 2000, 2010, 2020 Census				

*An important summary view of population changes is that of the Urban Service Area vs. the Rural Service Area. Exhibit 2-T5 illustrates that while the population had been growing more rapidly in many RSA neighborhoods as in USA neighborhoods through 2000, the 2010 census information shows the trend reversing with population growing more rapidly in the Urban Service Area while the 2020 census information shows the RSA and USE growing at about the same rate.*

## Population Characteristics

### Age and Sex

In Daviess County the median age of the population was relatively stable between 1960 and 1970, at 26.4 and 26.5 respectively. However, by 1980 the median age had climbed to 29.3, to 33.2 by 1990, to 36.8 by 2000, and to 38.8 by 2010. In 2020, the **median age had risen to 39.3** years, an increase of less than one year from 2010.

**Exhibit 2-T6: Population by Age and Sex 2020**

	Total	% of Total	Male	% of Total	Female	% of Total
Under 5 yrs	6,774	6.2%	3,490	3.2%	3,284	3.0%
5 to 9 yrs	6,985	6.7%	3,586	3.5%	3,399	3.3%
10 to 14 yrs	7,260	7.0%	3,698	3.6%	3,562	3.4%
15 to 19 yrs	6,825	6.7%	3,500	3.5%	3,325	3.2%
20 to 24 yrs	6,164	5.9%	3,123	3.0%	3,041	2.9%
25 to 29 yrs	6,653	6.1%	3,351	3.1%	3,302	3.0%
30 to 34 yrs	6,525	6.4%	3,244	3.2%	3,281	3.2%
35 to 39 yrs	6,424	6.3%	3,235	3.2%	3,189	3.1%
40 to 44 yrs	5,980	5.8%	3,074	2.9%	2,906	2.9%
<b>45 to 49 yrs</b>	<b>6,110</b>	<b>5.9%</b>	<b>3,028</b>	<b>2.9%</b>	<b>3,082</b>	<b>3.0%</b>
<b>50 to 54 yrs</b>	<b>6,191</b>	<b>6.0%</b>	<b>3,139</b>	<b>3.0%</b>	<b>3,052</b>	<b>3.0%</b>
55 to 59 yrs	6,984	6.7%	3,365	3.2%	3,619	3.5%
60 to 64 yrs	6,794	6.6%	3,294	3.2%	3,500	3.5%
65 to 69 yrs	5,705	5.8%	2,710	2.7%	2,995	3.0%
70 to 74 yrs	4,687	4.6%	2,178	2.1%	2,509	2.5%
75 to 79 yrs	3,011	3.0%	1,347	1.3%	1,664	1.7%
80 to 84 yrs	2,131	2.1%	886	0.9%	1,245	1.3%
85 yrs & over	2,117	2.0%	654	0.7%	1,463	1.4%
	103,312	100%	50,553	48.9%	52,759	51.1%
Source: Kentucky State Data Center , 2020 Census						

*The population in Daviess County continues its aging trend, in step with the national pattern of the “graying” of the population. Median age has risen to **39.3 years**.*

## POPULATION

The greatest number of persons fell in the 10 to 14 year range, closely followed by the 5 to 9 age range. These two ranges comprise nearly 14% of the total population. . The population that is over 65 has increased in the last decade from 14.6% of the total to 17.6%. This attests to the "graying" of the population, which has been a national phenomenon for three decades.

Of the total population, males numbered 50,553 comprising 48.9% with females numbering 52,759 and making up 51.1 % of the total. The sex ratio remains the same as in the 2010 census with 94 males per 100 females. Significant differences result when comparing the sex ratio within age categories. The older the age group, the lower the sex ratio, reflecting the fact that women generally continue to live longer than men. At the over 85 age range, the sex ratio has declined to 43 males per 100 females. In the 2000 census, the sex ratio was only 33 males to 100 females in the over 85 age group.

## Race

The following exhibit illustrates the racial composition of Daviess County and the changes in racial composition from 1990 forward. The category "Other Race" includes persons identified with more than one race in the 2000 information and includes Native Hawaiian and two or more races in the 2010 information. The data shows that Daviess County has increased its diversity over the last 30 years, with the white only population decreasing from 95.4% of the total population in 1990 to 87.1% of the total in 2020. The most significant change has occurred within the last decade. All minority races have risen in percentage of the total from 2010 to 2020, with the most significant increase occurring in the population of Asian origin.

**Exhibit 2-T7: Racial Composition**

RACE	Persons				% Total Pop 1990	%Total Pop 2000	%Total Pop 2010	%Total Pop 2020
	1990	2000	2010	20200				
<b>TOTAL</b>	87,189	91,545	96,656	103,312				
White	83,168	85,302	88,134	89,984	95.4%	93.2%	91.2%	87.1%
African-American	3,619	3,962	4,2626	5,165	4.2%	4.3%	4.8%	5.0%
American Indian	101	119	130	206	0.1%	0.1%	0.1%	0.2%
Asian	214	374	685	2,169	0.2%	0.4%	0.7%	2.1%
Other Race	87	943	1,613	2,582	0.1%	1.0%	1.7%	2.5%
Hispanic or Latino origin	312	845	2,525	3,615	0.4%	0.9%	2.6%	3.5%
<b>Source: U.S. Census Bureau, 1980, 1990, 2000, 2010, 2020 census data</b>								

The racial diversity in Daviess County reflects a slightly less diverse racial make up than of the state, with census data for Kentucky showing 87.8% white as compared to 87.1% for Daviess County. Data for race in the 2020 census information collected allowed persons responding to indicate mixed racial status, indicating racial origin of up to six races. The table above compares percentage of races on a general basis and does not account for all the combinations of mixed race that are evidenced in the population. As diversity increases not only in the population at large relative to different racial identities, diversity has also increased within individuals as many individuals can claim multi racial identities.

## POPULATION

### *Population Projections*

The **Kentucky State Data Center, Kentucky Population Research** has projected population growth for Daviess County until 2050. Between 2020 and 2050, the population of Daviess County is projected to grow faster than Kentucky. Exhibit 2-T8 shows the projections and annual percent increases projected. Daviess County's annual growth rate is projected to decrease similarly to the annual growth rate of the State of Kentucky.

**Exhibit 2-T8 – Population Projections – Kentucky State Data Center**

*By the year 2050, the Kentucky State Data Center anticipates a population for Daviess County of 119,504, an increase of 15.7% in 30 years, or approximate annual rate of change of .44%. The projections show a declining rate of growth each decade. The projections for Kentucky also show a future declining rate of growth for the State.*

Year		Population	Change Between Periods	Avg. Annual Rate of Change	Number Change from 2020	% Change from 2020
<b>KENTUCKY</b>						
2000	c	4,041,769	354,878	.96%	-----	-----
2010	c	4,339,367	297,598	.74%	-----	-----
2020	c	4,505,836	166,469	.37%	-----	-----
2030	p	4,641,150	135,314	.43%	135,314	3.0%
2040	p	4,721,118	79,968	.34%	215,282	4.8%
2050	p	4,785,233	64,115		279,397	6.2%
<b>DAVIESS COUNTY</b>						
2000	c	91,545	4,356	.49%	-----	-----
2010	c	96,656	5,111	.56%	-----	-----
2020	c	103,312	6,656	.64%	-----	-----
2030	p	109,062	5,750	.53%	5,750	5.5%
2040	p	114,227	5,165	.45%	10,915	10.6%
2050	p	119,504	5,277	.44%	16,192	15.7%
c = Census p = Projection						

For the past twenty years the annual percentage growth increase has been fairly consistent at about .50 % per year, a low but stable increase. While we rely on the Kentucky State Data Center demographic research program to calculate projections for our community for planning purposes, it is beneficial to calculate the population projection if population in Daviess County continued at the annual rate that has occurred over the past twenty years to obtain a maximum or high population estimate. Exhibit 2-T9 illustrates the difference in the official projected population from the Kentucky State Data Center projections if population continues at the growth rate of the last two decades.

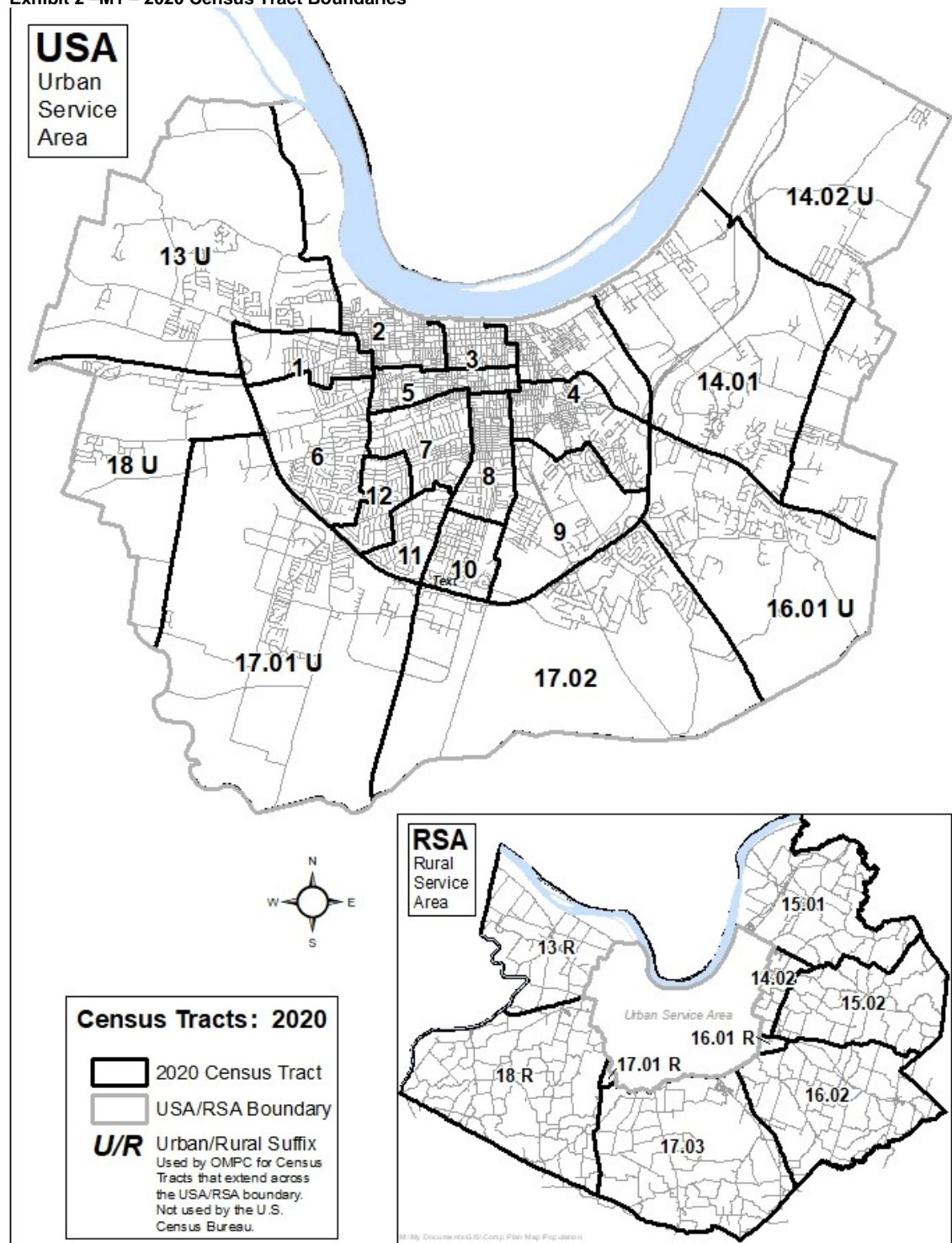
**Exhibit 2-T9– Kentucky State Data Center Projections vs Existing Growth Rate Projections**

Year	Population	KSDC Projection	.5% annual rate increase Projection	Difference
<b>DAVIESS COUNTY</b>				
2020	c	103,312		
2030	p	109,062	108,477	+585
2040	p	114,227	113,643	+584
2050	p	119,504	118,808	+696
c = Census p = Projection				

*In the past the population projections from the Kentucky State Data Center have been significantly lower than Daviess County's stable 0.5% annual growth rate. The most recent projections from KSDC (2016) are very similar to the 0.5% annual growth rate Daviess County has experienced for many years.*

## POPULATION

Exhibit 2 –M1 – 2020 Census Tract Boundaries



## POPULATION

Exhibit 2-M2 Population Change by Census Tracts

