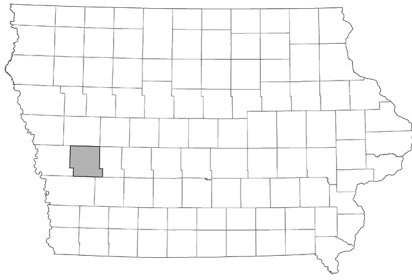# Data for Decision Makers

Elk Horn, Iowa City Profile

report created: 12/17/2024

Population profile

The 2020 population for Elk Horn is 601. Between 2010 and 2020 the population decreased by 9.2%. The City of Elk Horn is in Shelby County. Shelby County saw a 3.5% population decrease between 2010 and 2020.
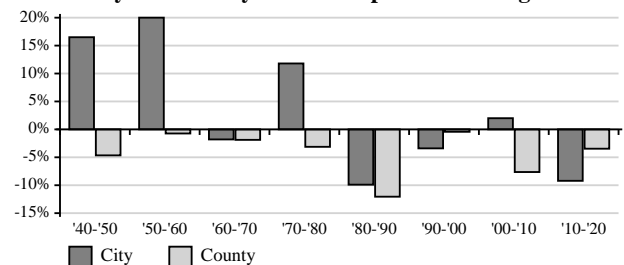
Shelby County Cities - Total Population[1]

City	2000	2010	2020
Elk Horn	**649**	**662**	**601**
Male Total	287	315	289
Female Total	362	347	312
Defiance	346	284	245
Earling	471	437	397
Harlan	5,282	5,106	4,893
Irwin	372	341	319
Kirkman	76	64	56
Panama	212	221	235
Portsmouth	225	195	182
Shelby[†]	696	641	727
Tennant	73	68	78
Westphalia	160	127	126
Shelby County Total	13,173	12,167	11,746
State of Iowa Total	2,926,324	3,046,355	3,190,369

[†]*City is located in multiple counties, total population is provided.*

Neighboring Cities - Percent Population Change

	'90-'00	'00-'10	'10-'20
Brayton	-2.0%	-11.7%	11.7%
Exira	-15.2%	3.7%	-6.3%
Kimballton	18.3%	-5.8%	-9.6%
Marne	0.0%	-19.5%	-8.3%
Walnut	-9.2%	0.9%	-4.8%
Elk Horn	-3.4%	2.0%	-9.2%
Shelby County	-0.4%	7.6%	-3.5%
State of Iowa	5.4%	4.1%	4.7%

City and County Percent Population Change[1]

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IOWA STATE UNIVERSITY
Extension and Outreach
Community and Economic Development

Elk Horn's population is predominantly White. The City of Elk Horn, compared to Shelby County, had a lower percentage of young people (17 or younger) and a higher percentage of older people (65 and older) in 2020. New household relationship categories were reported for 2020 that are not comparable with 2010.[3]

Percentage of Population by Race/Hispanic Origin[1]

Race Groups	City 2010	City 2020	County 2010	County 2020
One race only	99.7%	97.5%	99.3%	96.5%
White	98.9%	97.3%	97.9%	93.6%
White alone, not Hispanic	98.2%	96.5%	96.7%	92.7%
Black or African American	0.0%	0.0%	0.3%	0.5%
Asian	0.0%	0.0%	0.4%	0.4%
American Indian or Alaska Native	0.0%	0.0%	0.2%	0.5%
Hawaiian or Pacific Islander	0.0%	0.0%	0.0%	0.0%
Other	0.8%	0.2%	0.6%	1.6%
Two or more races	0.3%	2.5%	0.7%	3.5%
Hispanic origin[a]	1.7%	2.0%	1.8%	3.5%

[a] *Hispanics can be of any race.*

Households by Family or Nonfamily Type[1,3]

	City 2010	City 2020	County 2010	County 2020
Total households	255	247	5,085	4,981
Family households[a,b]	63.9%	73.1%	66.4%	64.9%
Married couple family[b]	55.3%	61.7%	56.0%	52.7%
With own children	20.0%	19.8%	19.5%	17.7%
Other family[c]	8.6%	8.5%	10.4%	12.2%
Male householder[c]	1.6%	2.4%	3.0%	4.2%
With own children	0.8%	1.2%	2.0%	2.4%
Female householder[c]	7.1%	6.1%	7.4%	8.1%
With own children	4.7%	3.2%	4.7%	4.6%
Nonfamily households[d]	36.1%	26.9%	33.6%	35.1%
Male living alone	14.1%	12.6%	13.2%	14.9%
Female living alone	18.4%	19.0%	15.9%	15.5%

Households by Couple or Non-couple Type[1,3]

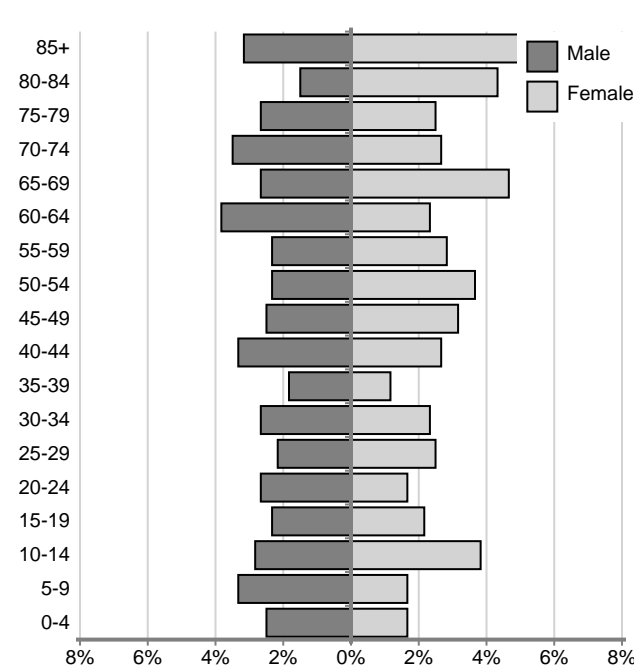|	City 2010	City 2020	County 2010	County 2020
Total households	255	247	5,085	4,981
Married couple[b]	55.3%	61.7%	56.0%	52.7%
Cohabiting couple[b,f]	NA[e]	7.7%	NA[e]	5.6%
Male householder[g]	NA[e]	13.8%	NA[e]	18.9%
Female householder[g]	NA[e]	23.5%	NA[e]	22.8%

[a]*Householder and at least one other person related to the householder.* [b]*For 2020 includes same-sex couples.* [c]*No spouse present, but at least one relative present.* [d]*In 2010 included same-sex couples whether married or not (if no relatives present).* [e]*2010 not comparable with 2020.* [f]*For 2020 householder has an unmarried partner.* [g]*For 2020 no spouse or partner present, but relatives, nonrelatives may be present or householder may be living alone.*

Percentage of Population by Age[1]

Age Groups	City 2010	City 2020	County 2010	County 2020
17 or younger	20.5%	19%	23.6%	22.5%
0 - 4	5.1%	4.2%	5.6%	5.2%
5 - 9	5.4%	5.0%	6.4%	6.1%
10 - 14	5.4%	6.7%	7.0%	7.0%
15 - 17	4.6%	3.1%	4.6%	4.2%
18 - 24	5.4%	5.7%	5.8%	6.1%
25 - 44	16.6%	18.7%	20.0%	19.8%
45 - 64	23.6%	23.1%	29.8%	28.2%
65 or older	33.8%	33.8%	20.9%	23.4%
65 - 84	23.1%	24.5%	16.7%	19.3%
85 or older	10.7%	9.3%	4.2%	4.1%
Median[4] Age (years)	50	51.9	45.4	46.4
Age Dependency[a, 5]	119.1	111.2	80.0	84.8
Old-Age	74.1	71.2	37.6	43.3
Child	45.0	40.0	42.4	41.6

[a]*Age Dependency Ratio*

Elk Horn, Iowa Population Pyramid,[a] 2020[1]

[a]*Each bar represents the percentage that an age-sex group comprises of the total population.*

The median household income in Elk Horn is less than the median household income of Shelby County. The median value of owner-occupied housing units is lower in Elk Horn than for Shelby County. There is a higher percentage of vacant housing units in Elk Horn than there is for Shelby County. Many housing units in Elk Horn were built prior to 1940. There is a higher percentage of individuals 25 and older with a Bachelor's degree or higher in Elk Horn compared to Shelby County.

Median Household and Per Capita Income, 2018-2022[2]

	City		County	
	Estimate	MOE*	Estimate	MOE*
Total Households	219	+/- 42	4,933	+/- 151
Less than $34,999	24.2%	+/- 4.1%	22.8%	+/- 2.6%
$35,000 To $49,999	16.0%	+/- 7.6%	13.3%	+/- 2.7%
$50,000 To $99,999	42.1%	+/- 4.1%	30.6%	+/- 2.4%
$100,000 Or More	17.8%	+/- 3.6%	33.3%	+/- 2.8%
Median[4] Household Income	$59,306	+/- $6,421	$70,295	+/- $10,749
Median Family Income	$72,000	+/- $13,850	$90,041	+/- $8,519
Per Capita Income	$29,319	+/- $4,102	$38,664	+/- $3,119

Housing Characteristics, 2018-2022[2]

	City		County	
	Estimate	MOE*	Estimate	MOE*
Total Units	270	+/- 50	5,422	+/- 50
Vacant	18.9%	+/- 8.8%	9.0%	+/- 2.5%
Occupied	81.1%	+/- 8.8%	91.0%	+/- 2.5%
Occupied[a]	219	+/- 42	4,933	+/- 151
Owner	81.3%	+/- 7.2%	76.0%	+/- 3.9%
Renter	18.7%	+/- 7.2%	24.0%	+/- 3.9%
Rent[b]	$600	+/- $53	$879	+/- $172
Value[c]	$120,400	+/-$14,952	$152,900	+/-$10,949

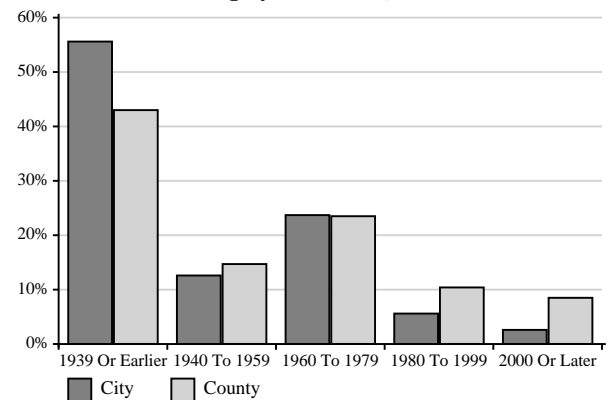[a]Occupied Units, [b]Median gross rent of renter-occupied units, [c]Median value of owner-occupied units

Educational Attainment, 2018-2022[2]

	City		County	
	Estimate	MOE*	Estimate	MOE*
Population 25 and older	405	+/-59	8,325	+/-69
High School Graduate or Higher	94.6%	+/-3.7%	94.2%	+/-1.4%
Bachelor's Degree or Higher	23.5%	+/-7.2%	22.8%	+/-2.8%

*MOE = the margin of error for American Community Survey estimates[2] which is a numerical value that when added to or subtracted from the point estimate value gives the range of a 90% confidence interval around the estimate.
**MOE is high, use county estimate.

Percent Housing by Year Built, 2018-2022[2]

In Elk Horn there is a higher percentage of workers in management, business, science, and arts occupations than any other occupation category. The production, transportation, and material moving occupation category makes up 22.8% of occupations of the civilian employed population in the city.

Occupation of the Civilian Employed Population, 2018-2022[2]

	City		County	
	Estimate	MOE*	Estimate	MOE*
Civilian employed population 16 years and over	232	+/- 55	5,964	+/- 285
Management, business, science, and arts	37.9%	+/- 10.0%	38.8%	+/- 3.5%
Service	**%	+/- **%	10.8%	+/- 2.5%
Sales and office	17.2%	+/- 7.9%	20.6%	+/- 3.0%
Natural resources, construction, and maintenance	**%	+/- **%	10.2%	+/- 2.1%
Production, transportation, and material moving	22.8%	+/- 7.9%	19.6%	+/- 2.8%

Elk Horn has a lower proportion of the population age 16 or older in the labor force than Shelby County. A portion of those who are not in the labor force are people who are retired. Earnings data are provided for the population 16 and over who have earnings. Median earnings in Elk Horn tend to be lower than the median earnings for Shelby County. Families with children tend to have a higher rate of poverty than families without children.

Median Employment Earnings, 2018-2022[2]

	City		County	
	Estimate	MOE*	Estimate	MOE*
Population 16+ [a]	259	+/- 60	6,654	+/- 226
Median Earnings	$32,321	+/- $32	$40,707	+/- $2,538
Female	$26,000	+/- $9,616	$31,158	+/- $2,711
Female, full time[b]	$45,380	+/- $8,264	$43,310	+/- $2,705
Male	$37,386	+/- $14,499	$50,850	+/- $2,595
Male, full time[b]	$58,125	+/- $8,873	$56,922	+/- $2,726

[a] with earnings, [b] year round, **MOE is high, use county estimate.

Employment Status, 2018-2022[2]

	City		County	
	Estimate	MOE*	Estimate	MOE*
Population 16+	449	+/- 70	9,497	+/- 76
in labor force	54.3%	+/- 7.2%	64.4%	+/- 2.9%
not in labor force	45.7%	+/- 7.2%	35.6%	+/- 2.9%
Civilian labor force	242	+/- 55	6,114	+/- 288
Unemployed	4.1%	+/- 4.6%	2.5%	+/- 1.2%

**MOE is high, use county estimate.

Disability Status and Health Insurance Coverage of the Civilian Noninstitutionalized Population, 2018-2022[2]

	City		County	
	Estimate	MOE*	Estimate	MOE*
Population[a]	473	+/-96	11,526	+/-13
With a disability[b]	8.7%	+/-4.2%	10.1%	+/-1.7%
With Health Insurance	90.5%	+/-6.3%	95.6%	+/-1.4%
With Private[c] Coverage	63.2%	+/-12.1%	70.5%	+/-3.7%
With Public[d] Coverage	46.5%	+/-10.7%	41.1%	+/-2.7%
No Health Insurance	**%	+/-**%	4.4%	+/-1.4%

[a]Civilan Noninstitutionalized Population, [b]limitations of activities or inability for full participation, [c]provided by employer, union, bought by individual, and some miliary plans, [d]includes Medicare, Medicaid, VA Health Care, children's CHIP, and some state plans, **MOE is high, use county estimate.

*MOE = the margin of error for American Community Survey estimates[2] which is a numerical value that when added to or subtracted from the point estimate value gives the range of a 90% confidence interval around the estimate.

Individuals and Families Below Poverty Level, 2018-2022[2]

	City		County	
	Estimate	MOE*	Estimate	MOE*
Total Population[a]	475	+/-97	11,507	+/-23
Below poverty	**%	+/-**%	8.8%	+/-2.4%
17 and under	**%	+/-**%	5.6%	+/-2.7%
18 - 64	**%	+/-**%	8.6%	+/-3.1%
65+	**%	+/-**%	12.5%	+/-5.4%
All Families	**%	+/-**%	9.1%	+/-3.7%
with children	**%	+/-**%	8.4%	+/-3.8%
Married Couple	**%	+/-**%	**%	+/-**%
with children	**%	+/-**%	**%	+/-**%
Female HH[b]	**%	+/-**%	35.2%	+/-15.2%
with children	**%	+/-**%	48.5%	+/-20.5%

[a] for whom poverty status is determined, [b] female householder, no husband present, **MOE is high, use county estimate.

Community and Economic Development   **Data for Decision Makers**