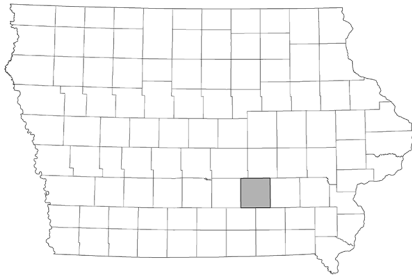


Data for Decision Makers



Beacon, Iowa City Profile

report created: 12/17/2024

Population profile

The 2020 population for Beacon is 445. Between 2010 and 2020 the population decreased by 9.9%. The City of Beacon is in Mahaska County. Mahaska County saw a 0.9% population decrease between 2010 and 2020.

Mahaska County Cities - Total Population¹

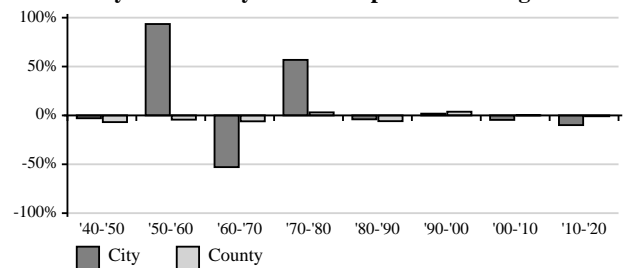
City	2000	2010	2020
Beacon	518	494	445
Male Total	271	251	223
Female Total	247	243	222
Barnes City [†]	201	176	156
Eddyville [†]	1,064	1,024	970
Fremont	704	743	708
Keomah Village	97	84	110
Leighton	153	162	158
New Sharon	1,301	1,293	1,262
Oskaloosa	10,938	11,463	11,558
Rose Hill	205	168	157
University Park	536	487	487
Mahaska County Total	22,335	22,381	22,190
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
Eddyville	5.3%	-3.8%	-5.3%
Keomah Village	-2.0%	-13.4%	31.0%
Leighton	7.7%	5.9%	-2.5%
Oskaloosa	2.9%	4.8%	0.8%
University Park	-11.3%	-9.1%	0.0%
Beacon	1.8%	-4.6%	-9.9%
Mahaska County	3.8%	0.2%	-0.9%
State of Iowa	5.4%	4.1%	4.7%

City and County Percent Population Change¹



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Demographic Profile

Beacon, Iowa

Beacon's population is predominantly White. The City of Beacon, compared to Mahaska 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 Origin¹

Race Groups	City		County	
	2010	2020	2010	2020
One race only	99.8%	94.4%	98.9%	96.0%
White	98.0%	92.4%	95.7%	92.2%
White alone, not Hispanic	97.2%	91.7%	94.9%	91.3%
Black or African American	0.6%	0.0%	1.1%	1.8%
Asian	0.0%	1.8%	1.1%	1.1%
American Indian or Alaska Native	1.2%	0.0%	0.3%	0.2%
Hawaiian or Pacific Islander	0.0%	0.2%	0.0%	0.1%
Other	0.0%	0.0%	0.6%	0.7%
Two or more races	0.2%	5.6%	1.1%	4.0%
Hispanic origin ^a	2.0%	1.3%	1.6%	2.2%

^a Hispanics can be of any race.

Households by Family or Nonfamily Type^{1,3}

	City		County	
	2010	2020	2010	2020
Total households	213	194	8,975	8,799
Family households ^{a,b}	67.6%	64.8%	67.3%	65.6%
Married couple family ^b	50.7%	47.6%	54.4%	51.7%
With own children	16.0%	13.9%	20.4%	19.0%
Other family ^c	16.9%	18.0%	12.9%	14.0%
Male householder ^c	6.6%	8.2%	3.9%	5.4%
With own children	4.7%	3.6%	2.5%	3.0%
Female householder ^c	10.3%	9.8%	9.0%	8.6%
With own children	5.6%	3.1%	6.0%	5.2%
Nonfamily households ^d	32.4%	35.2%	32.7%	34.4%
Male living alone	16.0%	16.5%	12.6%	13.3%
Female living alone	11.7%	13.9%	14.8%	14.9%

Households by Couple or Non-couple Type^{1,3}

	City		County	
	2010	2020	2010	2020
Total households	213	194	8,975	8,799
Married couple ^b	50.7%	47.6%	54.4%	51.7%
Cohabiting couple ^{b,f}	NA ^e	11.3%	NA ^e	7.1%
Male householder ^g	NA ^e	23.2%	NA ^e	18.3%
Female householder ^g	NA ^e	22.7%	NA ^e	22.9%

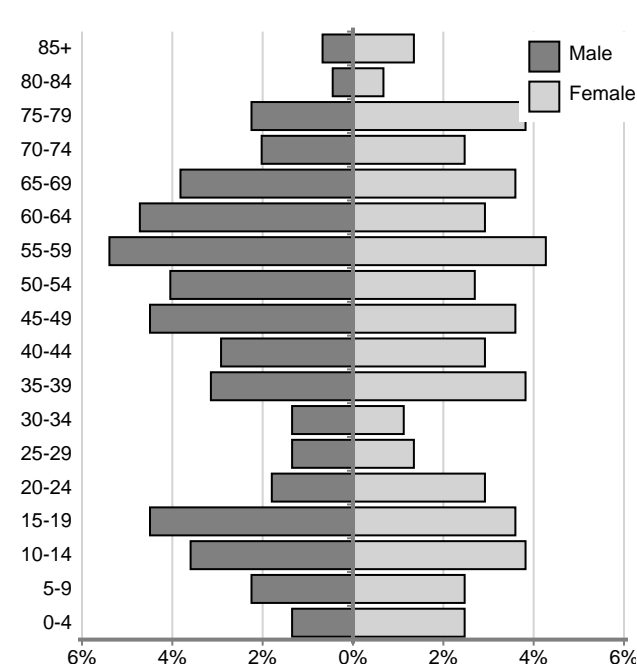
^aHouseholder and at least one other person related to the householder. ^bFor 2020 includes same-sex couples. ^cNo spouse present, but at least one relative present. ^dIn 2010 included same-sex couples whether married or not (if no relatives present). ^e2010 not comparable with 2020. ^fFor 2020 householder has an unmarried partner. ^gFor 2020 no spouse or partner present, but relatives, nonrelatives may be present or householder may be living alone.

Percentage of Population by Age¹

Age Groups	City		County	
	2010	2020	2010	2020
17 or younger	23.5%	21.8%	24.3%	23.7%
0 - 4	6.7%	3.8%	6.8%	6.0%
5 - 9	6.1%	4.7%	6.7%	6.8%
10 - 14	7.5%	7.4%	6.8%	6.9%
15 - 17	3.2%	5.9%	4.0%	4%
18 - 24	5.3%	6.9%	9.7%	9.7%
25 - 44	25.9%	18%	23.2%	22.7%
45 - 64	28.9%	32.1%	26.7%	24.9%
65 or older	16.4%	21.1%	16.1%	19.3%
65 - 84	14.8%	19.1%	13.1%	16.6%
85 or older	1.6%	2.0%	3.0%	2.7%
Median ⁴ Age (years)	41	47.3	38.9	39.7
Age Dependency ^{a, 5}	66.4	75.3	67.8	75.0
Old-Age	27.3	37.0	27.0	33.7
Child	39.1	38.2	40.8	41.4

^aAge Dependency Ratio

Beacon, Iowa Population Pyramid, ^a 2020¹



^aEach bar represents the percentage that an age-sex group comprises of the total population.

Socioeconomic Profile

Beacon, Iowa

The median household income in Beacon is less than the median household income of Mahaska County. The median value of owner-occupied housing units is lower in Beacon than for Mahaska County. There is a lower percentage of vacant housing units in Beacon than there is for Mahaska County. Many housing units in Beacon were built between 1980 to 1999.

Median Household and Per Capita Income, 2018-2022²

	City		County	
	Estimate	MOE*	Estimate	MOE*
Total Households	208	+/- 63	8,873	+/- 199
Less than \$34,999	27.9%	+/- 5.0%	24.8%	+/- 2.5%
\$35,000 To \$49,999	12.5%	+/- 7.3%	13.0%	+/- 1.7%
\$50,000 To \$99,999	34.2%	+/- 4.6%	35.6%	+/- 2.0%
\$100,000 Or More	25.5%	+/- 4.6%	26.5%	+/- 2.1%
Median ⁴ Household Income	\$54,250	+/- \$12,591	\$65,200	+/- \$3,944
Median Family Income	\$64,167	+/- \$29,367	\$81,257	+/- \$2,883
Per Capita Income	\$37,383	+/- \$12,893	\$33,812	+/- \$2,202

Educational Attainment, 2018-2022²

	City		County	
	Estimate	MOE*	Estimate	MOE*
Population 25 and older	319	+/-92	14,716	+/-70
High School Graduate or Higher	87.1%	+/-8.7%	93.2%	+/-1.3%
Bachelor's Degree or Higher	***%	+/-***%	22.4%	+/-2.1%

*MOE = the margin of error for American Community Survey estimates² 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.

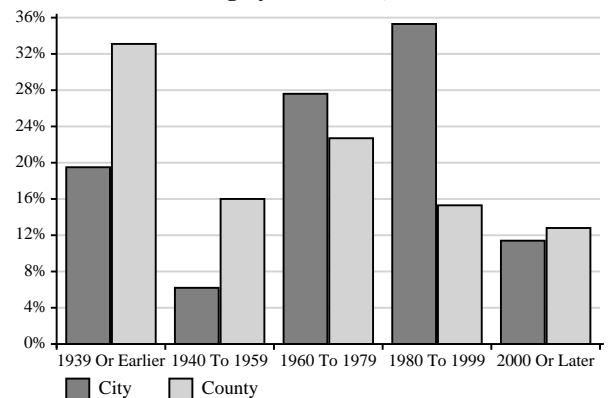
**MOE is high, use county estimate.

Housing Characteristics, 2018-2022²

	City		County	
	Estimate	MOE*	Estimate	MOE*
Total Units	210	+/- 63	9,700	+/- 35
Vacant	1.0%	+/- 1.5%	8.5%	+/- 2.1%
Occupied	99.0%	+/- 1.5%	91.5%	+/- 2.1%
Occupied ^a	208	+/- 63	8,873	+/- 199
Owner	83.7%	+/- 10.1%	67.7%	+/- 2.8%
Renter	16.3%	+/- 10.1%	32.3%	+/- 2.8%
Rent ^b	\$675	+/- \$124	\$773	+/- \$41
Value ^c	\$74,100	+/- \$16,771	\$135,100	+/- \$12,063

^aOccupied Units, ^bMedian gross rent of renter-occupied units, ^cMedian value of owner-occupied units

Percent Housing by Year Built, 2018-2022²



In Beacon there is a higher percentage of workers in production, transportation, and material moving occupations than any other occupation category. The production, transportation, and material moving occupation category makes up 29.6% of occupations of the civilian employed population in the city.

Occupation of the Civilian Employed Population, 2018-2022²

	City		County	
	Estimate	MOE*	Estimate	MOE*
Civilian employed population 16 years and over	270	+/- 106	11,101	+/- 283
Management, business, science, and arts	26.3%	+/- 10.2%	35.1%	+/- 3.2%
Service	***%	+/- ***%	15.3%	+/- 1.9%
Sales and office	***%	+/- ***%	16.4%	+/- 1.7%
Natural resources, construction, and maintenance	***%	+/- ***%	11.6%	+/- 1.8%
Production, transportation, and material moving	29.6%	+/- 10.3%	21.7%	+/- 2.7%

Socioeconomic Profile

Beacon, Iowa

Beacon has a higher proportion of the population age 16 or older in the labor force than Mahaska 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 Beacon tend to be higher than the median earnings for Mahaska County. Families with children tend to have a higher rate of poverty than families without children.

Median Employment Earnings, 2018-2022²

	City		County	
	Estimate	MOE*	Estimate	MOE*
Population 16+ ^a	300	+/- 110	12,252	+/- 249
Median Earnings	\$37,083	+/- \$37	\$37,431	+/- \$2,833
Female	\$19,205	+/- \$6,829	\$28,707	+/- \$2,530
Female, full time ^b	\$**	+/- \$**	\$42,332	+/- \$2,053
Male	\$48,250	+/- \$7,465	\$45,805	+/- \$2,656
Male, full time ^b	\$51,964	+/- \$7,934	\$57,002	+/- \$2,388

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

Disability Status and Health Insurance Coverage of the Civilian Noninstitutionalized Population, 2018-2022²

	City		County	
	Estimate	MOE*	Estimate	MOE*
Population ^a	495	+/-172	21,767	+/-19
With a disability ^b	**%	+/-**%	13.6%	+/-1.3%
With Health Insurance	98.6%	+/-2.0%	95.5%	+/-1.2%
With Private ^c Coverage	72.5%	+/-7.4%	69.3%	+/-2.6%
With Public ^d Coverage	39.2%	+/-10.3%	40.5%	+/-2.4%
No Health Insurance	**%	+/-**%	4.5%	+/-1.2%

^aCivilian Noninstitutionalized Population, ^blimitations of activities or inability for full participation, ^cprovided by employer, union, bought by individual, and some military plans, ^dincludes 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 estimates² 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.

Employment Status, 2018-2022²

	City		County	
	Estimate	MOE*	Estimate	MOE*
Population 16+	394	+/- 123	17,448	+/- 52
in labor force	70.3%	+/- 10.9%	65.8%	+/- 1.5%
not in labor force	29.7%	+/- 10.9%	34.2%	+/- 1.5%
Civilian labor force	277	+/- 108	11,485	+/- 271
Unemployed	2.5%	+/- 2.2%	3.3%	+/- 1.1%

**MOE is high, use county estimate.

Individuals and Families Below Poverty Level, 2018-2022²

	City		County	
	Estimate	MOE*	Estimate	MOE*
Total Population ^a	490	+/-171	21,320	+/-103
Below poverty	**%	+/-**%	12%	+/-2.1%
17 and under	**%	+/-**%	13.1%	+/-4.3%
18 - 64	**%	+/-**%	13.5%	+/-2.4%
65+	**%	+/-**%	5.7%	+/-1.7%
All Families	**%	+/-**%	7.3%	+/-2.1%
with children	**%	+/-**%	13.0%	+/-4.3%
Married Couple	**%	+/-**%	3.2%	+/-1.5%
with children	**%	+/-**%	**%	+/-**%
Female HH ^b	**%	+/-**%	24.8%	+/-8.1%
with children	**%	+/-**%	32.4%	+/-10.0%

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

Notes and Source Information:

¹ U.S. Census Bureau; Decennial Censuses 1940 - 2020

² U.S. Census Bureau; American Community Survey 2018-2022

³ For the 2020 Decennial Census, households are divided into subcategories by two different methods. One method (family or nonfamily) is based on the presence or absence of family relationships among the household members and the householder. Using family relationships (birth, marriage, or adoption) has been the usual way to classify households, and the data using this method has good comparability between 2010 and 2020. In 2020, the Census Bureau introduced an additional method to divide households into subcategories. This second method (couple or noncouple) is based on the presence or absence of a couple relationship for the householder. The relationship can be as a married spouse or as an unmarried partner and can be of the opposite or same sex. The 2020 data reported for the second method (except for married couples) does not have good comparability with data from 2010. For smaller towns, the couple or noncouple data are omitted in this profile.

⁴ Median is the middle value of a distribution.

⁵ The age dependency ratio compares, by age, those typically not in the labor force with those who typically are in the labor force. Old Age dependency is persons 65+ per 100 persons age 18-64. Child dependency is persons under age 18 per 100 persons age 18-64. The total age dependency ratio is persons under age 18 plus persons 65 or older per 100 persons age 18-64.

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