

**VOLUME II:
ARTHUR COUNTY**

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Arthur County

DEMOGRAPHICS

Population Estimates

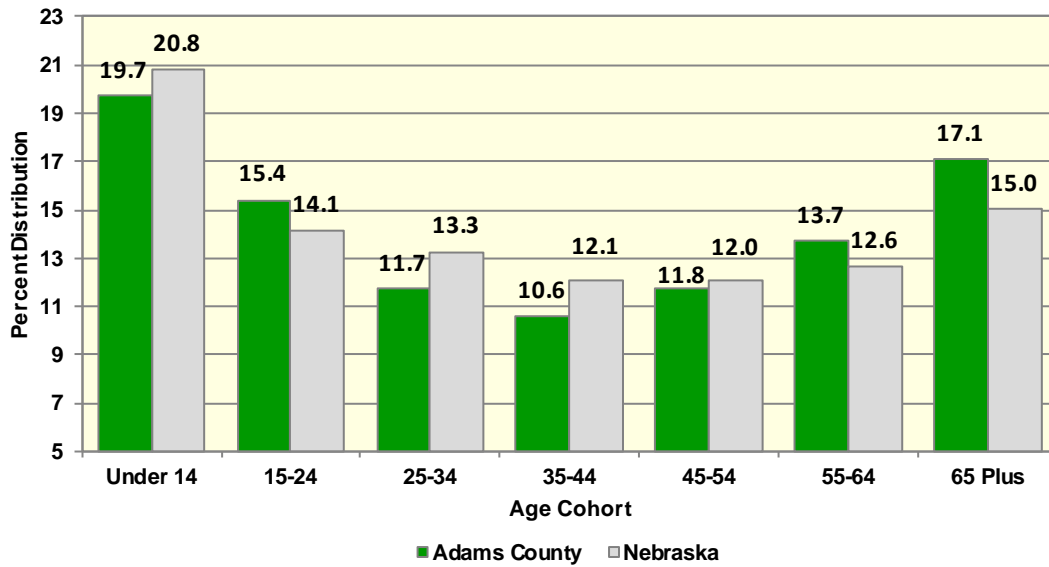
The Census Bureau’s current census estimates indicate that Arthur County’s population increased from 460 in 2010 to 469 in 2016. This compares to a statewide population change of 4.4 percent over the period. The number of people from 25 to 34 years of age decreased by 26.3 percent, and the number of people from 55 to 64 years of age decreased by 16.1 percent. The white population increased by 1.8 percent, while the black population remained unchanged by 0 percent. The Hispanic population increased from 19 to 21 people between 2010 and 2016 or by 10.5 percent. These data are presented in Table II.3.1.

Table II.3.1						
Profile of Population Characteristics						
Arthur County vs. State of Nebraska						
2010 Census and 2016 Current Census Estimates						
Subject	Arthur County			Nebraska		
	2010 Census	Jul-16	% Change	2010 Census	Jul-16	% Change
Population	460	469	2%	1,826,341	1,907,116	4.4%
Age						
0 to 14 years	104	106	1.9%	383,542	396,601	3.4%
15 to 24 years	41	57	39%	258,206	269,442	4.4%
25 to 34 years	57	42	-26.3%	245,176	252,946	3.2%
35 to 44 years	44	69	56.8%	220,838	230,528	4.4%
45 to 54 years	58	44	-24.1%	258,726	229,683	-11.2%
55 to 64 years	62	52	-16.1%	213,176	241,172	13.1%
65 and Over	94	99	5.3%	246,677	286,744	16.2%
Race						
White	446	454	1.8%	1,649,264	1,694,976	2.8%
Black	0	0	0%	85,971	94,620	10.1%
American Indian and Alaskan Native	2	2	0%	23,418	27,318	16.7%
Asian	1	1	0%	33,322	47,282	41.9%
Native Hawaiian or Pacific Islander	0	0	0%	2,061	2,425	17.7%
Two or more races	11	12	9.1%	32,305	40,495	25.4%
Ethnicity (of any race)						
Hispanic or Latino	19	21	10.5%	167,405	203,320	21.5%

Table II.3.2, presents the population of Arthur County by age and gender from the 2010 Census and 2016 current census estimates. The 2010 Census count showed a total of 228 males, who accounted for 49.6 percent of the population, and the remaining 50.4 percent, or 232 persons, were female. In 2016, the number of males was 233 persons, and accounted for 49.7 percent of the population, with the remaining 50.3 percent, or 236 persons being female.

Table II.3.2 Population by Age and Gender Arthur County 2010 Census and Current Census Estimates							
Age	2010 Census			2016 Current Census Estimates			% Change 10-16
	Male	Female	Total	Male	Female	Total	
0 to 14 years	47	57	104	55	51	106	1.9%
15 to 24 years	27	14	41	27	30	57	39%
25 to 34 years	25	32	57	24	18	42	-26.3%
35 to 44 years	20	24	44	30	39	69	56.8%
45 to 54 years	31	27	58	25	19	44	-24.1%
55 to 64 years	34	28	62	23	29	52	-16.1%
65 and Over	44	50	94	49	50	99	2.0%
Total	228	232	460	233	236	469	2%
% of Total	49.6%	50.4%	.	49.7%	50.3%	.	

**Diagram II.3.1
Age Distribution**
Arthur County
Nebraska DOT Data: 2008 – First Half 2017



Population Migration Trends

Total population change is a combination of births, deaths, and the net migration of those arriving in and leaving the state. The result of births minus deaths is termed the “natural increase.” As calculated from data shown in Table II.3.3, from April 2000 to July 2009, Arthur County natural increase was estimated to be 14 people. Arthur County has been experiencing net out-migration, with 119 persons leaving the county in the last nine years.¹² The 2016 population estimates showed a natural increase of 2 persons. Between 2010 and 2016, Arthur County’s population rose to 469 persons.

The Nebraska Department of Transportation (DOT)’s Department of Motor Vehicles provides another source of information about migration trends. These data represent the net of driver’s license exchanges: licenses issued to new residents of Nebraska and licenses surrendered to other states when Nebraska residents relocate to a new state. Known as the driver’s license exchange data, these records show that the net change in Arthur County decreased from 5 persons in 2015 to 3 persons in 2016, with an additional net movement of 2 in the first six months of 2017. The driver’s license total exchanges for the last 16 years are presented in Table II.3.4.

Table II.3.3 Population Change Arthur County 1980–2010 Census and Intercensal Data	
1980 Population	513
Natural Increase 80–90	21
Net Migration 80–90	-72
1990 Population	462
Natural Increase 90–00	-2
Net Migration 90–00	-16
2000 Population	444
Natural Increase 00–09	14
Net Migration 00–09	-119
2009 Population Estimate	339
2010 Population	460
Natural Increase 10–16	2
Net Migration 10–16	7
2016 Population Estimate	469

Table II.3.4 Driver's Licenses Exchanged and Surrendered Arthur County 2001–First half of 2017 DOT Data			
Year	In-Migrants	Out-Migrants	Net Change
Calendar 2001	4	12	-8
Calendar 2002	11	7	4
Calendar 2003	7	3	4
Calendar 2004	8	7	1
Calendar 2005	15	4	11
Calendar 2006	8	5	3
Calendar 2007	9	13	-4
Calendar 2008	5	7	-2
Calendar 2009	6	7	-1
Calendar 2010	12	4	8
Calendar 2011	8	3	5
Calendar 2012	6	1	5
Calendar 2013	10	6	4
Calendar 2014	2	3	-1
Calendar 2015	8	3	5
Calendar 2016	5	2	3
First Half of 2017	2	0	2

¹² Net migration includes a residual, a change the Census Bureau has not attributed to any cause.

School Age Enrollment

According to the Nebraska Department of Education (DOE), the total number of school-age children in Arthur County decreased by 8.2 percent from 97 in 2016 to 89 in 2017, as shown in Table II.3.5. The number of school-age children 5 to 11 years of age increased from 46 in 2016 to 47 in 2017.

Census Demographic Data

In the 1980, 1990, and 2000 decennial censuses, the Census Bureau released several tabulations in addition to the full SF1 100 percent count data including the one-in-six SF3 sample. These additional samples, such as the SF3, asked supplementary questions regarding income and household attributes that were not asked in the 100 percent count. In the 2010 decennial census, the Census Bureau did not collect additional sample data, such as the SF3, and thus many important housing and income concepts are not available in the 2010 Census.

To study these important concepts the Census Bureau distributes the American Community Survey every year to a sample of the population and quantifies the results as one-, three- and five-year averages. The one-year sample only includes responses from the year the survey was implemented, while the five-year sample includes responses over a five-year period. Since the five-year estimates include more responses, the estimates can be tabulated down to the Census tract level, and considered more robust than the one or three year sample estimates.

Population Characteristics

Table II.3.6, shows population by age for the 2000 and 2010 Census. The population changed by 3.6 percent overall between 2000 and 2010. Various age cohorts changed at different rates. The elderly population, or persons aged 65 or older, changed by 28.8 percent to a total of 94 persons in 2010. Those aged 25 to 34 changed by 1.8 percent, and those aged under 5 changed by 52.2 percent.

Table II.3.5 School-Age Children Arthur County Academic Years 1992–2017 DOE Data				
Year	Age Group			Total
	5–11	11–13	14–18	
1992	48	15	28	91
1993	55	14	27	96
1994	47	15	33	95
1995	43	21	35	99
1996	44	16	36	96
1997	44	28	43	115
1998	44	36	45	125
1999	40	16	37	93
2000	35	14	38	87
2001	44	21	42	107
2002	28	12	30	70
2003	43	5	26	74
2004	43	9	25	77
2005	33	9	22	64
2006	33	7	25	65
2007	42	11	33	86
2008	44	9	24	77
2009	53	8	28	89
2010	56	17	22	95
2011	54	19	21	94
2012	49	14	22	85
2013	58	11	29	98
2014	49	15	26	90
2015	51	19	28	98
2016	46	19	32	97
2017	47	13	29	89



Table II.3.6					
Population by Age					
Arthur County					
2000 & 2010 Census SF1 Data					
Age	2000 Census		2010 Census		% Change 00-10
	Population	% of Total	Population	% of Total	
Under 5	23	5.2%	35	7.6%	52.2%
5 to 19	93	20.9%	98	21.3%	5.4%
20 to 24	14	3.2%	12	2.6%	-14.3%
25 to 34	56	12.6%	57	12.4%	1.8%
35 to 54	123	27.7%	102	22.2%	-17.1%
55 to 64	62	14%	62	13.5%	0%
65 or Older	73	16.4%	94	20.4%	28.8%
Total	444	100.0%	460	100.0%	3.6%

The elderly population is further explored in Table II.3.7. Those aged 65 to 66 changed by -55.6 percent between 2000 and 2010, resulting in a population of 4 persons. Those aged 85 or older changed by -10 percent during the same time period, and resulted in 9 persons over age 85 in 2010.

Table II.3.7					
Elderly Population by Age					
Arthur County					
2000 & 2010 Census SF1 Data					
Age	2000 Census		2010 Census		% Change 00-10
	Population	% of Total	Population	% of Total	
65 to 66	9	12.3%	4	4.3%	-55.6%
67 to 69	18	24.7%	22	23.4%	22.2%
70 to 74	16	21.9%	24	25.5%	50%
75 to 79	10	13.7%	21	22.3%	110%
80 to 84	10	13.7%	14	14.9%	40%
85 or Older	10	13.7%	9	9.6%	-10%
Total	73	100.0%	94	100.0%	28.8%

Population by race and ethnicity is shown in Table II.3.8 representing 95.4 percent of the white population in 2010. The American Indian and Asian populations represented 0.4 and 0.2 percent, respectively, in 2010. As for ethnicity, the Hispanic population changed by 216.7 percent between 2000 and 2010, compared to the 0.7 percent growth rate for non-Hispanics.

Table II.3.8					
Population by Race and Ethnicity					
Arthur County					
2000 & 2010 Census SF1 Data					
Race	2000 Census		2010 Census		% Change 00-10
	Population	% of Total	Population	% of Total	
White	428	96.4%	439	95.4%	2.6%
Black	0	0%	0	0%	%
American Indian	1	0.2%	2	0.4%	100%
Asian	3	0.7%	1	0.2%	-66.7%
Native Hawaiian/ Pacific Islander	1	0.2%	0	0%	-100%
Other	4	0.9%	14	3%	250%
Two or More Races	7	1.6%	4	0.9%	-42.9%
Total	444	100.0%	460	100.0%	3.6%
Hispanic	6	1.4%	19	4.1%	216.7%
Non-Hispanic	438	98.6%	441	95.9%	0.7%

Population by race and ethnicity through 2016 is shown in Table II.3.9. The white population represented 97.5 percent of the population in 2016, compared with black population accounting for 0 percent of the population. Hispanic population represented 0 percent of the population in 2016.

Table II.3.9				
Population by Race and Ethnicity				
Arthur County				
2010 Census & 2016 Five-Year ACS				
Race	2010 Census		2016 Five-Year ACS	
	Population	% of Total	Population	% of Total
White	439	95.4%	426	97.5%
Black	0	0%	0	0%
American Indian	2	0.4%	0	0%
Asian	1	0.2%	0	0%
Native Hawaiian/ Pacific Islander	0	0%	0	0%
Other	14	3%	1	0.2%
Two or More Races	4	0.9%	10	2.3%
Total	460	100.0%	437	100.0%
Non-Hispanic	441	95.9%	437	100%
Hispanic	19	4.1%	0	0%

The population by race is broken down further by ethnicity in Table II.3.10. While the white non-Hispanic population changed by 2.4 percent between 2000 and 2010, the white Hispanic population changed by 33.3 percent.

Table II.3.10					
Population by Race and Ethnicity					
Arthur County					
2000 & 2010 Census Data					
Race	2000		2010 Census		% Change 00 - 10
	Population	% of Total	Population	% of Total	
Non-Hispanic					
White	425	97%	435	98.6%	2.4%
Black	0	0%	0	0%	%
American Indian	1	0.2%	2	0.5%	100%
Asian	2	0.5%	1	0.2%	-50%
Native Hawaiian/ Pacific Islander	1	0.2%	0	0%	-100%
Other	2	0.5%	0	0%	-100%
Two or More Races	7	1.6%	3	0.7%	-57.1%
Total Non-Hispanic	438	100.0%	441	100.0%	0.7%
Hispanic					
White	3	50%	4	21.1%	33.3%
Black	0	0%	0	0%	%
American Indian	0	0%	0	0%	%
Asian	1	16.7%	0	0%	-100%
Native Hawaiian/ Pacific Islander	0	0%	0	0%	%
Other	2	33.3%	14	73.7%	600%
Two or More Races	0	0%	1	5.3%	%
Total Hispanic	6	100.0%	19	100.0%	216.7%
Total Population	444	100.0%	460	100.0%	3.6%

The change in race and ethnicity between 2010 and 2016 is shown in Table II.3.11. During this time, the total non-Hispanic population was 437 persons in 2016.

Table II.3.11				
Population by Race and Ethnicity				
Arthur County				
2010 Census & 2016 Five-Year ACS				
Race	2010 Census		2016 Five-Year ACS	
	Population	% of Total	Population	% of Total
Non-Hispanic				
White	435	98.6%	426	97.5%
Black	0	0%	0	0%
American Indian	2	0.5%	0	0%
Asian	1	0.2%	0	0%
Native Hawaiian/ Pacific Islander	0	0%	0	0%
Other	0	0%	1	0.2%
Two or More Races	3	0.7%	10	2.3%
Total Non-Hispanic	441	100.0%	437	100.0%
Hispanic				
White	4	21.1%	0	%
Black	0	0%	0	%
American Indian	0	0%	0	%
Asian	0	0%	0	%
Native Hawaiian/ Pacific Islander	0	0%	0	%
Other	14	73.7%	0	%
Two or More Races	1	5.3%	0	%
Total Hispanic	19	100.0	0	100.0%
Total Population	460	100.0%	437	100.0%

Households by type and tenure are shown in Table II.3.12. Family households represented 55.2 percent of households, while non-family households accounted for 44.8 percent. These changed from 72.2 and 27.8 percent, respectively.

Table II.3.12				
Household Type by Tenure				
Arthur County				
2010 Census SF1 & 2016 Five-Year ACS Data				
Household Type	2010 Census		2016 Five-Year ACS	
	Households	Households	Households	% of Total
Family Households	135	72.2%	101	55.2%
Married-Couple Family	116	85.9%	93	92.1%
Owner-Occupied	86	74.1%	63	67.7%
Renter-Occupied	30	25.9%	30	32.3%
Other Family	19	14.1%	8	18.8%
Male Householder, No Spouse Present	4	21.1%	1	50%
Owner-Occupied	3	75%	1	100%
Renter-Occupied	1	25%	0	0%
Female Householder, No Spouse Present	15	78.9%	7	187.5%
Owner-Occupied	8	53.3%	6	85.7%
Renter-Occupied	7	46.7%	1	14.3%
Non-Family Households	52	27.8%	82	44.8%
Owner-Occupied	30	57.7%	44	53.7%
Renter-Occupied	22	42.3%	38	46.3%
Total	187	100.0%	183	100.0%

The number of foreign born persons are shown in Table II.3.13. An estimated 0.2 percent of the population was born in Germany.

Table II.3.13 Place of Birth for the Foreign-Born Population Arthur County 2016 Five-Year ACS			
Number	County	Number of Person	Percent of Total Population
#1 country of origin	Germany	1	0.2%
#2 country of origin	Afghanistan	0	0%
#3 country of origin	Africa n.e.c	0	0%
#4 country of origin	Albania	0	0%
#5 country of origin	Argentina	0	0%
#6 country of origin	Armenia	0	0%
#7 country of origin	Asia n.e.c	0	0%
#8 country of origin	Australia	0	0%
#9 country of origin	Austria	0	0%
#10 country of origin	Azores Islands	0	0%

Disability

The disability rate from the 2000 Census is shown in Table II.3.14. Some 12.4 percent of the population was disabled in 2000, or a total of 53 persons. The disability rate was highest for those over 65, with 27.3 percent disabled.

Table II.3.14 Disability by Age Arthur County 2000 Census SF3 Data		
Age	Total	
	Disabled Population	Disability Rate
5 to 15	2	2.5%
16 to 64	30	11%
65 and older	21	27.3%
Total	53	12.4%

Table II.3.15 shows disability by type in 2000. There were 26 physical disabilities in 2000, some 19 employment disabilities, and 27 go-outside-home disabilities.

Table II.3.15 Total Disabilities Tallied: Aged 5 and Older Arthur County 2000 Census SF3 Data	
Disability Type	Population
Sensory disability	13
Physical disability	26
Mental disability	11
Self-care disability	14
Employment disability	19
Go-outside-home disability	27
Total	110



Disability by age, as estimated by the 2016 ACS, is shown in Table II.3.16. The disability rate for females was 9.3 percent, compared to 9 percent for males. The disability rate changed precipitously higher with age, with 39.1 percent of those over 75 experiencing a disability.

Table II.3.16 Disability by Age Arthur County 2016 Five-Year ACS Data						
Age	Male		Female		Total	
	Disabled Population	Disability Rate	Disabled Population	Disability Rate	Disabled Population	Disability Rate
Under 5	0	0%	0	0%	0	0%
5 to 17	0	0%	4	5%	4	3.3%
18 to 34	0	0%	0	0%	0	0%
35 to 64	7	8.5%	4	4.8%	11	6.7%
65 to 74	4	19%	3	13%	7	15.9%
75 or Older	8	30.8%	10	50%	18	39.1%
Total	19	9%	21	9.3%	40	9.2%

The number of disabilities by type, as estimated by the 2016 ACS, is shown in Table II.3.17. Some 5.2 percent have an ambulatory disability, 5.4 have an independent living disability, and 2.8 percent have a self-care disability.

Table II.3.17 Total Disabilities Tallied: Aged 5 and Older Arthur County 2016 Five-Year ACS		
Disability Type	Population with Disability	Percent with Disability
Hearing disability	11	2.5%
Vision disability	5	1.1%
Cognitive disability	14	3.3%
Ambulatory disability	22	5.2%
Self-Care disability	12	2.8%
Independent living disability	16	5.4%

Education

Education and employment data, as estimated by the 2016 ACS, is presented in Table II.3.18 and Table II.3.19. In 2016, some 183 persons were employed and 7 were unemployed. This totaled a labor force of 190 persons. The unemployment rate for Arthur County was estimated to be 3.7 in 2016.

Table II.3.18 Employment, Labor Force and Unemployment Arthur County 2016 Five-Year ACS Data	
Employment Status	2016 Five-Year ACS
Employed	183
Unemployed	7
Labor Force	190
Unemployment Rate	3.7%

In 2016, 94.5 percent of households in Arthur County had a high school education or greater.



Table II.3.19	
High School or Greater Education	
Arthur County	
2016 Five-Year ACS Data	
Education Level	Households
High School or Greater	173
Total Households	183
Percent High School or Above	94.5%

As seen in Table II.3.20, 26.4 percent of the population had a high school diploma or equivalent, another 42.5 percent have some college, 21.1 percent have a Bachelor's Degree, and 4.7 percent of the population had a graduate or professional degree.

Table II.3.20		
Educational Attainment		
Arthur County		
2016 Five-Year ACS Data		
Education Level	Population	Percent
Less Than High School	16	5.4%
High School or Equivalent	79	26.4%
Some College or Associates Degree	127	42.5%
Bachelor's Degree	63	21.1%
Graduate or Professional Degree	14	4.7%
Total Population Above 18 years	299	100.0%

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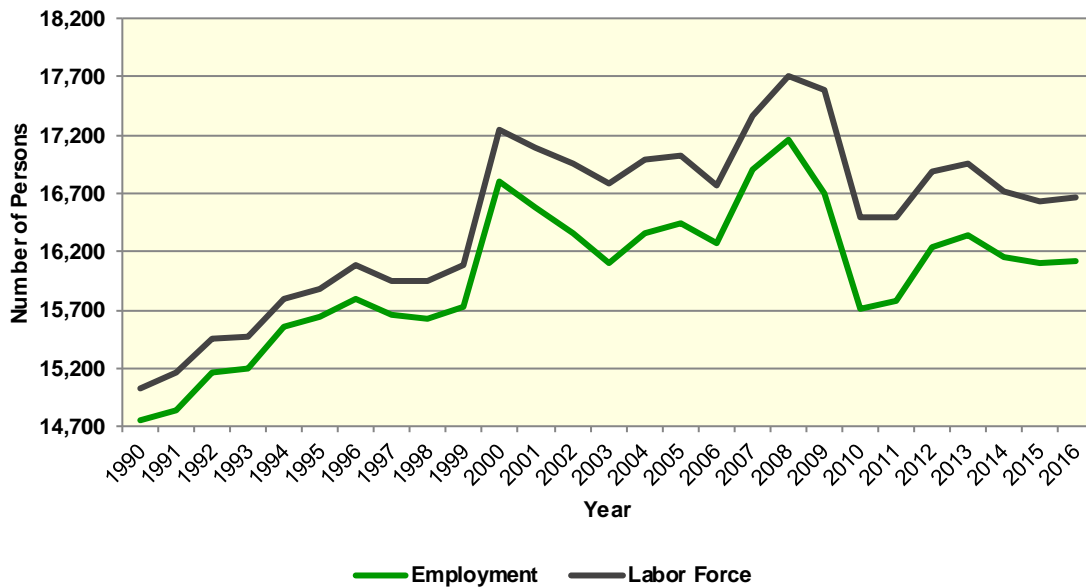
Labor Force

Table II.3.21, shows the labor force statistics for Arthur County from 1990 to the present. Over the entire series the lowest unemployment rate occurred in 1993 with a rate of 1.4. The highest level of unemployment occurred during 2010 rising to a rate of 8. This compared to a statewide low of 2.3 in 1990 and statewide high of 4.6 in 2009. Over the last year the unemployment rate in Arthur County increased from 4.9 percent in 2015 to 6.2 percent in 2016, which compared to a statewide increase to 3.2 percent.

Table II.3.21 Labor Force Statistics Arthur County 1990 - 2016 BLS Data					
Year	Arthur County				Statewide
	Unemployment	Employment	Labor Force	Unemployment Rate	Unemployment Rate
1990	4	231	235	1.7%	2.3%
1991	5	217	222	2.3%	2.7%
1992	5	219	224	2.2%	2.9%
1993	3	219	222	1.4%	2.8%
1994	5	223	228	2.2%	2.6%
1995	8	203	211	3.8%	2.6%
1996	6	204	210	2.9%	2.7%
1997	6	208	214	2.8%	2.5%
1998	4	203	207	1.9%	2.6%
1999	4	197	201	2%	2.8%
2000	6	266	272	2.2%	2.8%
2001	9	266	275	3.3%	3.1%
2002	11	232	243	4.5%	3.6%
2003	13	235	248	5.2%	3.9%
2004	10	227	237	4.2%	3.9%
2005	10	247	257	3.9%	3.8%
2006	9	245	254	3.5%	3.1%
2007	9	229	238	3.8%	3%
2008	9	233	242	3.7%	3.3%
2009	14	228	242	5.8%	4.6%
2010	18	208	226	8%	4.6%
2011	14	217	231	6.1%	4.4%
2012	15	215	230	6.5%	4%
2013	17	204	221	7.7%	3.8%
2014	12	212	224	5.4%	3.3%
2015	11	214	225	4.9%	3%
2016	14	212	226	6.2%	3.2%

Diagram II.3.2, shows the employment and labor force for Arthur County. The difference between the two lines represents the number of unemployed persons. In the most recent year, employment stood at 212 persons, with the labor force reaching 226, indicating there were a total of 14 unemployed persons.

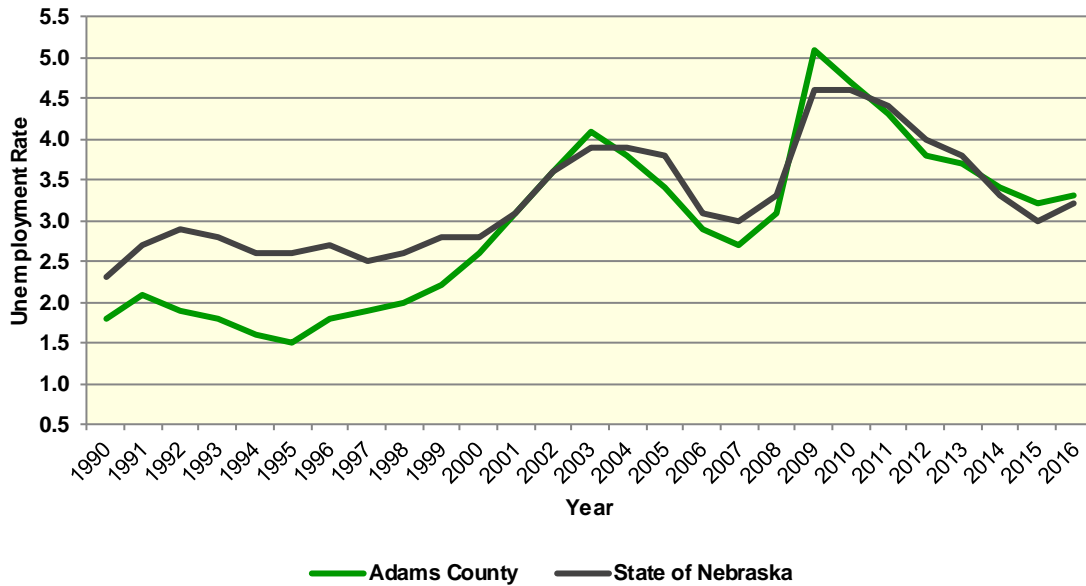
Diagram II.3.2
Employment and Labor Force
 Arthur County
 1990 – 2016 BLS Data



Unemployment

Diagram II.3.3, shows the unemployment rate for both the State and Arthur County. During the 1990’s the average rate for Arthur County was 2.3 percent, which compared to 2.6 percent statewide. Between 2000 and 2010 the unemployment rate had an average of 4 percent, which compared to 3.5 percent statewide. Since 2010 the average unemployment rate was 6.4 percent. Over the course of the entire period Arthur County had an average unemployment rate higher than the state, 4 percent for Arthur County, versus 3.3 percent statewide.

Diagram II.3.3
Annual Unemployment Rate
 Arthur County
 1990 – 2016 BLS Data



Earnings and Employment

The Bureau of Economic Analysis (B.E.A.) produces regional economic accounts which provide a consistent framework for analyzing and comparing individual state and local area economies. Table II.3.22, shows total real earnings by industry for Arthur County. In the most recent 2016 estimate, the farm industry had the largest total real earnings, with total real earnings reaching 4,870,000 dollars. Between 2015 and 2016 the utilities industry saw the largest percentage increase, rising by 83.9 percent.

Table II.3.22
Real Earnings by Industry
 Arthur County
 BEA Table CA-5N Data (1,000's of 2016 Dollars)

NAICS Categories	2001	2010	2011	2012	2013	2014	2015	2016	% Change 15-16
Farm earnings	-459	5,045	8,348	2,821	3,824	13,283	8,247	4,870	-40.9
Forestry, fishing, related activities, and other	0	0	0	0	0	0	0	0	0
Mining	0	0	0	0	0	0	0	0	0
Utilities	0	120	152	161	113	102	148	272	83.9
Construction	0	0	0	0	0	0	0	0	0
Manufacturing	338	0	0	0	0	0	0	0	0
Wholesale trade	0	0	0	0	0	0	0	0	0
Retail trade	240	0	0	0	0	0	0	0	0
Transportation and warehousing	0	391	499	332	262	1,427	1,627	1,608	-1.2
Information	0	0	0	0	0	0	0	0	0
Finance and insurance	0	0	0	0	0	0	0	0	0
Real estate and rental and leasing	0	0	0	0	0	0	59	66	12.3
Professional and technical services	0	0	0	0	0	0	0	0	0
Management of companies and enterprises	0	0	0	0	0	0	0	0	0
Administrative and waste services	0	0	0	0	0	0	0	0	0
Educational services	0	0	0	0	0	0	0	0	0
Health care and social assistance	0	0	0	0	0	0	0	0	0
Arts, entertainment, and recreation	0	0	0	0	0	0	0	0	0
Accommodation and food services	0	0	0	0	0	0	0	0	0
Other services, except public administration	0	0	0	0	0	0	0	0	0
Government and government enterprises	1,299	1,974	1,954	1,873	1,792	1,964	2,322	2,455	5.7
Total	3,425	9,038	12,493	6,811	7,779	18,742	14,452	11,196	-22.5



Table II.3.23, shows the total employment by industry for Arthur County. The most recent estimates show the farm industry was the largest employer in Arthur County, with employment reaching 117 jobs in 2016.

Table II.3.23
Employment by Industry
Arthur County
BEA Table CA25 Data

NAICS Categories	2001	2010	2011	2012	2013	2014	2015	2016	% Change 15-16
Farm earnings	114	107	114	110	110	109	123	117	-4.9
Forestry, fishing, related activities, and other	0	0	0	0	0	0	0	0	0
Mining	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0	0	0	0
Wholesale trade	0	0	0	0	0	0	0	0	0
Retail trade	15	0	0	0	0	0	0	0	0
Transportation and warehousing	0	0	0	0	0	0	0	0	0
Information	0	0	0	0	0	0	0	0	0
Finance and insurance	0	0	0	0	0	0	0	0	0
Real estate and rental and leasing	0	0	0	0	0	0	0	0	0
Professional and technical services	0	0	0	0	0	0	0	0	0
Management of companies and enterprises	0	0	0	0	0	0	0	0	0
Administrative and waste services	0	0	0	0	0	0	0	0	0
Educational services	0	0	0	0	0	0	0	0	0
Health care and social assistance	0	0	0	0	0	0	0	0	0
Arts, entertainment, and recreation	0	0	0	0	0	0	0	0	0
Accommodation and food services	0	0	0	0	0	0	0	0	0
Other services, except public administration	0	0	0	0	0	0	0	0	0
Government and government enterprises	47	52	56	52	51	54	57	55	-3.5
Total	264	250	272	269	267	272	289	279	-3.5



Table II.3.24, shows the real average earnings per job by industry for Arthur County. These figures are calculated by dividing the Total Real Earning displayed in Table II.3.22 and Table II.3.23, by Industry. In 2016, the government and government enterprises industry had the highest average earnings reaching 44,636 dollars. Between 2015 and 2016 the government and government enterprises industry saw the largest percentage increase, rising by 9.6 percent to 44,636 dollars.

Table II.3.24
Real Earnings Per Job by Industry
Arthur County
BEA Table CA5N and CA25 Data

NAICS Categories	2001	2010	2011	2012	2013	2014	2015	2016	% Change 15-16
Farm earnings	-4,027	47,146	73,232	25,643	34,760	121,864	67,051	41,624	-37.9
Forestry, fishing, related activities, and other	0	0	0	0	0	0	0	0	0
Mining	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0	0	0	0
Wholesale trade	0	0	0	0	0	0	0	0	0
Retail trade	15,968	0	0	0	0	0	0	0	0
Transportation and warehousing	0	0	0	0	0	0	0	0	0
Information	0	0	0	0	0	0	0	0	0
Finance and insurance	0	0	0	0	0	0	0	0	0
Real estate and rental and leasing	0	0	0	0	0	0	0	0	0
Professional and technical services	0	0	0	0	0	0	0	0	0
Management of companies and enterprises	0	0	0	0	0	0	0	0	0
Administrative and waste services	0	0	0	0	0	0	0	0	0
Educational services	0	0	0	0	0	0	0	0	0
Health care and social assistance	0	0	0	0	0	0	0	0	0
Arts, entertainment, and recreation	0	0	0	0	0	0	0	0	0
Accommodation and food services	0	0	0	0	0	0	0	0	0
Other services, except public administration	0	0	0	0	0	0	0	0	0
Government and government enterprises	27,633	37,962	34,886	36,013	35,136	36,373	40,740	44,636	9.6
Total	12,974	36,151	45,930	25,319	29,133	68,906	50,006	40,129	-19.8

Table II.3.25 shows total employment and real personal income for the years of 1969 to 2016. As can be seen in Total Real Personal Income in 2016, comprising all wage and salary earnings, proprietorship income, dividends, interest, rents, and transfer payments, was \$20,164,000 a -13.6 percent change between 2015 and 2016. The Table shows further annual data for the years 1969 through 2016. In 2010, total employment was 250 and 279 in 2016, which was a percentage change of -3.5 over this period.



Table II.3.25
Total Employment and Real Personal Income
 Arthur County
 BEA Data 1969 Through 2016

Year	1,000s of 2016 Dollars						Per Capita Income	Total Employment	Average Real Earnings Per Job
	Earnings	Social Security Contributions	Residents Adjustments	Dividends, Interest, Rents	Transfer Payments	Personal Income			
1969	5,870	227	242	1,432	695	8,012	12,539	291	20,175
1970	5,846	230	254	1,659	621	8,151	13,493	291	20,093
1971	7,672	247	233	1,774	689	10,121	17,155	308	24,912
1972	7,184	259	241	2,303	718	10,187	18,063	335	21,446
1973	6,411	326	267	2,700	732	9,784	16,416	321	19,975
1974	7,667	334	280	2,523	807	10,943	18,455	334	22,954
1975	6,326	384	288	2,516	842	9,588	16,304	344	18,387
1976	6,854	401	317	2,364	856	9,990	17,107	344	19,926
1977	8,205	381	352	2,325	936	11,437	19,651	355	23,111
1978	6,663	400	370	2,344	898	9,876	17,697	357	18,663
1979	9,567	413	334	2,379	912	12,779	22,031	342	27,974
1980	7,878	362	369	2,765	1,105	11,755	23,004	359	21,944
1981	6,559	358	377	3,167	1,036	10,781	21,390	348	18,849
1982	7,282	363	461	3,134	1,241	11,754	22,779	352	20,686
1983	8,167	345	491	2,948	1,126	12,387	24,334	352	23,202
1984	3,040	354	534	3,538	1,159	7,918	16,956	339	8,967
1985	3,732	364	594	3,218	1,283	8,464	17,706	329	11,345
1986	2,342	355	580	2,992	1,433	6,992	14,447	306	7,653
1987	4,608	370	631	2,946	1,485	9,300	20,000	317	14,538
1988	4,752	403	701	3,145	1,453	9,648	21,778	308	15,428
1989	4,825	464	741	3,318	1,499	9,919	22,290	312	15,466
1990	5,304	466	844	3,037	1,419	10,139	21,664	316	16,784
1991	3,941	472	825	3,105	1,370	8,769	19,706	331	11,908
1992	3,135	434	907	3,196	1,549	8,353	18,080	317	9,889
1993	3,936	458	959	3,164	1,539	9,141	19,366	318	12,379
1994	471	477	1,092	3,401	1,599	6,087	13,802	304	1,550
1995	1,886	439	1,119	3,354	1,719	7,639	17,600	290	6,505
1996	-2,964	449	1,222	3,518	1,841	3,168	7,384	293	-10,116
1997	486	424	1,361	3,676	1,967	7,066	16,059	277	1,753
1998	1,678	482	1,526	4,391	2,085	9,197	20,575	295	5,687
1999	2,506	503	1,663	4,329	2,021	10,017	22,510	299	8,380
2000	3,250	529	1,786	4,409	1,953	10,868	24,423	294	11,053
2001	3,425	535	2,047	4,398	2,342	11,677	27,605	264	12,974
2002	4,307	548	1,904	4,643	2,494	12,800	30,405	254	16,958
2003	7,013	551	1,953	4,637	2,561	15,612	35,563	244	28,741
2004	7,437	548	1,812	4,197	2,310	15,207	35,119	243	30,603
2005	7,206	525	1,594	3,563	2,367	14,206	33,192	236	30,534
2006	7,744	628	1,567	3,374	2,609	14,667	32,594	226	34,268
2007	6,437	694	1,583	3,968	2,783	14,078	30,806	232	27,746
2008	7,163	729	1,426	3,586	3,151	14,597	32,223	232	30,877
2009	6,682	717	1,391	2,963	3,197	13,517	30,582	241	27,728
2010	9,038	685	1,376	3,025	3,183	15,937	34,348	250	36,151
2011	12,493	630	1,429	3,796	3,230	20,318	43,323	272	45,930
2012	6,811	623	1,461	3,901	3,227	14,777	30,721	269	25,318
2013	7,779	642	1,408	3,605	3,521	15,671	34,517	267	29,134
2014	18,742	746	1,437	4,117	3,398	26,948	59,358	272	68,906
2015	14,452	754	1,489	4,419	3,734	23,340	51,073	289	50,006
2016	11,196	775	1,479	4,444	3,820	20,164	42,994	279	40,129



Diagram II.3.4, shows real average earnings per job for Arthur County from 1990 to 2016. Over this period the average earning per job for Arthur County was 22,658 dollars, which was lower than the statewide average of 46,130 dollars over the same period.

Diagram II.3.4
Real Average Earnings Per Job
 Arthur County
 BEA Data 1990 - 2016

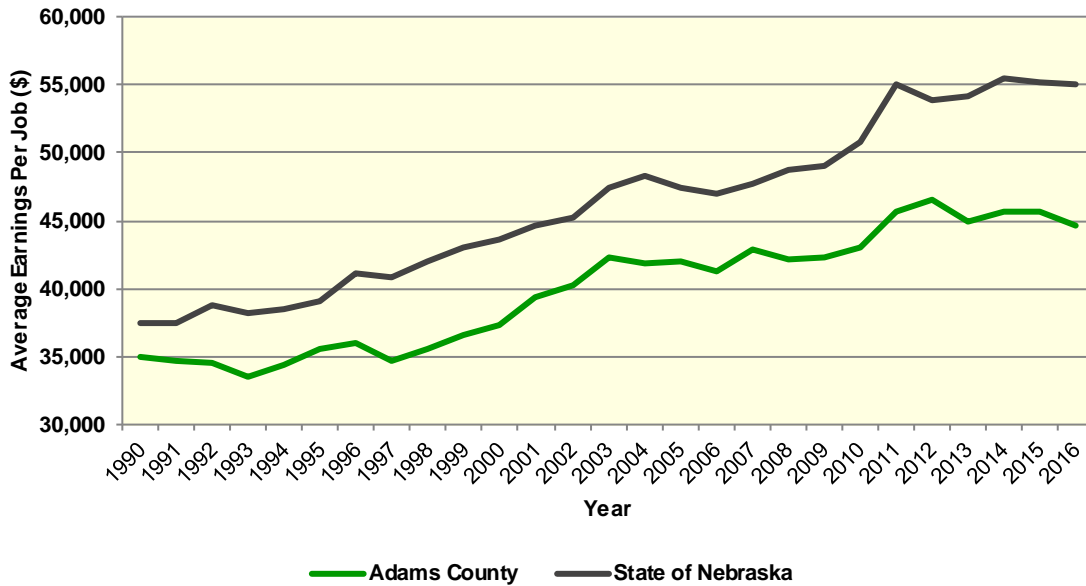
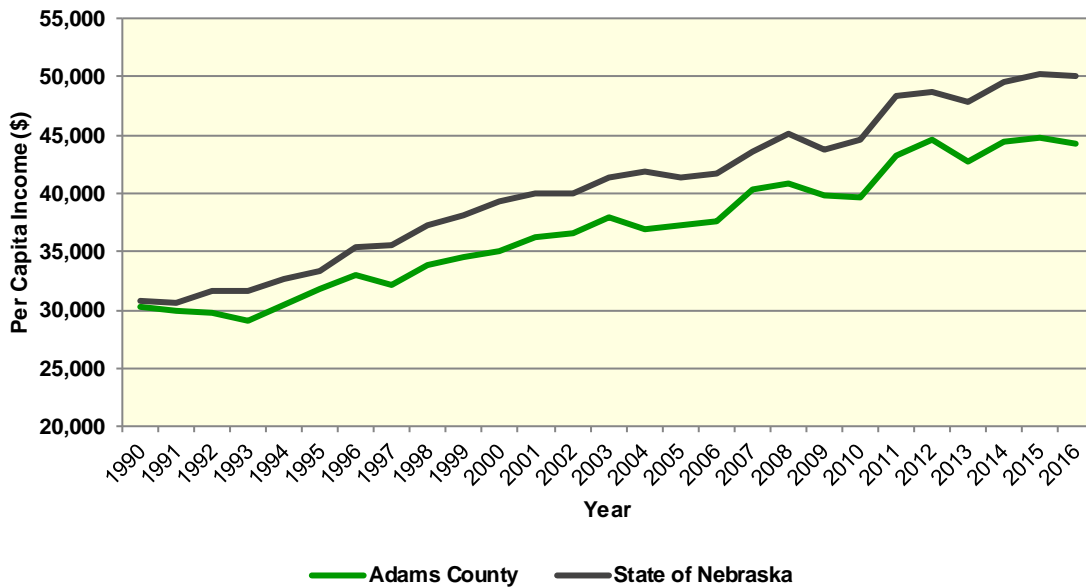


Diagram II.3.5, shows real per capita income in Arthur County from 1990 to 2016, which is calculated by dividing total personal income from all sources by population. Per capita income is a broader measure of wealth than real average earnings per job, which only captures the working population. Over this period the real per capita income for Arthur County was 29,096 dollars, which was lower than the statewide average of 40,548 dollars over the same period.

Diagram II.3.5
Real Per Capita Income
 Arthur County
 BEA Data 1990 - 2016



Quarterly Census of Employment and Wages

The Bureau of Labor Statistics (BLS) produces the Quarterly Census of Employment and Wages (QCEW), which reports monthly data on employment and quarterly data on wages and number of business establishments. QCEW employment data represent only filled jobs, whether full or part-time, temporary or permanent, by place of work the pay period. Data from this series are from the period of January 2006 through December 2016 and are presented in Table II.3.26 with the 2016 information considered preliminary. Between 2015 and 2016, total annual employment decreased from 88 persons in 2015 to 84 in 2016, a change of -5 percent.

Table II.3.26
Total Monthly Employment
 Arthur County
 BLS QCEW Data, 2001–2016(p)

Period	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Jan	100	89	84	75	71	90	78	84	92	83	79
Feb	101	100	83	81	70	90	84	82	86	87	80
Mar	104	112	102	80	85	91	80	84	81	83	85
Apr	98	109	98	90	81	90	85	81	84	86	89
May	106	118	107	105	84	92	88	84	79	86	90
Jun	99	108	113	95	93	103	95	88	90	86	90
Jul	107	112	120	90	97	84	86	77	82	89	81
Aug	93	110	114	93	97	84	89	79	77	90	76
Sep	96	99	102	80	82	86	85	78	83	94	83
Oct	103	92	99	91	85	88	92	79	87	93	87
Nov	108	90	99	92	90	88	90	76	85	92	84
Dec	101	90	94	90	94	91	92	78	84	91	85
Annual	101	102	101	89	86	90	87	81	84	88	84
% Change	3%	1%	-1%	-12%	-3%	5%	-3%	-7%	4%	5%	-5%

The QCEW also reports average weekly wages, which represents total compensation paid during the calendar quarter, regardless of when services were performed. The BLS QCEW data indicated average weekly wages were \$493 in 2015. In 2016, average weekly wages saw an increase of 11 percent over the prior year, rising to 547 dollars, or by 54 dollars. These data are shown in Table II.3.27.

Table II.3.27 Average Weekly Wages Arthur County BLS QCEW Data, 2001–2016(p)						
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual	% Change
2001	240	357	279	266	284	
2002	297	313	362	292	316	11%
2003	310	324	298	348	320	1%
2004	307	345	310	367	332	4%
2005	300	290	320	372	319	-4%
2006	300	356	335	323	328	3%
2007	331	340	331	354	339	3%
2008	352	372	347	398	367	8%
2009	364	352	360	346	355	-3%
2010	431	378	378	393	394	11%
2011	343	345	414	375	368	-7%
2012	397	377	386	391	388	5%
2013	389	383	446	475	422	9%
2014	386	418	509	455	441	5%
2015	488	492	476	517	493	12%
2016(p)	537	503	543	606	547	11%

Total business establishments reported by the QCEW are displayed in Table II.3.28. Between 2015 and 2016, the total number of business establishments in Arthur County decreased from 18 to 17 establishments.

Table II.3.28 Number of Business Establishments Arthur County BLS QCEW Data, 2001–2016(p)						
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual	% Change
2001	21	21	22	21	21	
2002	20	19	19	19	19	-10%
2003	19	17	18	18	18	-5%
2004	18	20	21	21	20	11%
2005	22	22	22	23	22	10%
2006	22	22	23	22	22	(ND)%
2007	22	22	22	22	22	(ND)%
2008	22	21	21	21	21	-5%
2009	21	21	21	22	21	(ND)%
2010	20	20	22	22	21	(ND)%
2011	21	21	20	19	20	-5%
2012	20	21	22	21	21	5%
2013	21	21	21	22	21	(ND)%
2014	21	20	19	19	20	-5%
2015	18	17	18	18	18	-10%
2016	17	17	17	17	17	-6%

Nebraska Department of Revenue

According to the Nebraska Department of Revenue (DOR), returns from taxpayers with adjusted gross incomes (AGIs) of less than \$10,000 increased by 17.3 percent between 2010 and 2016. Returns from taxpayers with AGIs of \$35,001 to \$50,000 over the period. On the other hand, by 2016 there were 10 returns for AGIs of \$100,000 or more. Table II.3.29 presents AGI distribution for the years 1991 through 2016.

Table II.3.29 Income Tax Returns by Adjusted Gross Income Arthur County 1991–2016 DOR Data										
Year	Less than \$10,000	\$10,001– \$15,000	\$15,001– \$25,000	\$25,001– \$35,000	\$35,001– \$50,000	\$50,001– \$75,000	\$75,001– \$100,000	\$100,001– \$250,000	More than \$250,000	Total ¹³
1991	95	26	47	13	0	0	0	0	0	218
1992	96	16	47	27	0	0	0	0	0	214
1993	98	15	36	27	0	0	0	0	0	211
1994	117	20	34	27	0	0	0	0	0	221
1995	112	10	38	22	0	0	0	0	0	205
1996	95	18	37	0	0	0	0	0	0	192
1997	85	22	35	32	0	0	0	0	0	211
1998	83	23	45	17	0	0	0	0	0	206
1999	78	27	34	33	11	0	0	0	0	212
2000	70	21	40	29	25	0	0	0	0	211
2001	85	19	29	26	0	0	0	0	0	210
2002	85	15	34	14	12	0	0	0	0	210
2003	71	18	28	22	12	0	0	0	0	190
2004	68	18	27	13	28	0	0	0	0	198
2005	57	17	0	26	0	0	0	0	0	178
2006	46	21	29	31	0	0	0	0	0	191
2007	57	23	35	28	33	0	0	0	0	207
2008	74	19	27	22	13	0	0	0	0	206
2009	56	0	34	23	11	0	0	0	0	188
2010	52	11	27	0	0	0	0	0	0	184
2011	56	11	31	15	10	0	0	0	0	194
2012	52	13	34	0	24	0	0	13	0	198
2013	62	0	21	13	10	0	0	11	0	190
2014	50	12	17	0	11	0	0	21	0	188
2015	51	15	26	12	0	0	0	21	0	187
2016	61	18	10	12	0	20	0	10	0	191

¹³ Income levels with fewer than 10 returns were not disclosed, but are included in the totals. As a result, income levels may not sum to total.

Poverty

Poverty is the condition of having insufficient resources or income. In its extreme form, poverty is a lack of basic human needs, such as adequate and healthy food, clothing, housing, water, and health services. According to the Census Bureau’s Small Area Income and Poverty Estimates Program, the number of individuals in poverty increase from 55 in 2010 to 56 in 2016, with the poverty rate reaching 11.9 percent in 2016. This compared to a state poverty rate of 11.3 percent and a national rate of 14 percent in 2016. Table II.3.30 presents poverty data for the county.

Table II.3.30 Persons in Poverty Arthur County 2000–2016 SAIPE Estimates		
Year	Persons in Poverty	Poverty Rate
2000	44	10.5%
2001	41	10.4%
2002	40	9.9%
2003	40	10%
2004	36	9.4%
2005	45	12%
2006	51	13.8%
2007	40	11.3%
2008	35	10.4%
2009	46	13.6%
2010	55	11.9%
2011	54	11.5%
2012	62	12.8%
2013	42	9.2%
2014	46	10.2%
2015	60	13.2%
2016	56	11.9%

The rate of poverty for Arthur County is shown in Table II.3.31. In 2016, there were an estimated 35 persons living in poverty. This represented a 8 percent poverty rate, compared to 13.8 percent poverty in 2000. In 2016, some 0 percent of those in poverty were under age 6, and 14.3 percent were 65 or older.

Table II.3.31 Poverty by Age Arthur County 2000 Census SF3 & 2016 Five-Year ACS Data				
Age	2000 Census		2016 Five-Year ACS	
	Persons in Poverty	% of Total	Persons in Poverty	% of Total
Under 6	3	4.9%	0	0%
6 to 17	13	21.3%	1	2.9%
18 to 64	39	63.9%	29	82.9%
65 or Older	6	9.8%	5	14.3%
Total	61	100.0%	35	100.0%
Poverty Rate	13.8%	.	8%	.

HOUSING

The Census Bureau estimates that the total number of housing units increased by 0 percent in Arthur County between 2010 and 2016, from 254 to 254. This compared to an estimated 3.8 percent increase statewide, as shown in Table II.3.32.

Table II.3.32 Housing Units State of Nebraska vs. Arthur County 2000 and 2016 Census Data and Intercensal Estimates				
Subject	Nebraska	% Growth Since Census	Arthur County	% Growth Since Census
2000 Census Base	722,656	.	274	.
2010 Census	796,793	10.3	254	-7.3
July 2011 Estimate	801,068	0.5	254	0
July 2012 Estimate	804,586	1	254	0
July 2013 Estimate	809,062	1.5	254	0
July 2014 Estimate	814,835	2.3	254	0
July 2015 Estimate	820,725	3	254	0
July 2016 Estimate	827,156	3.8	254	0

Housing Production

The Census Bureau reports building permit authorizations and “per unit” valuation of building permits by county annually. Single-family construction usually represents most residential development in the county.



Diagram II.3.6
Single-Family Permits
 Arthur County
 Census Bureau Data, 1980–2016

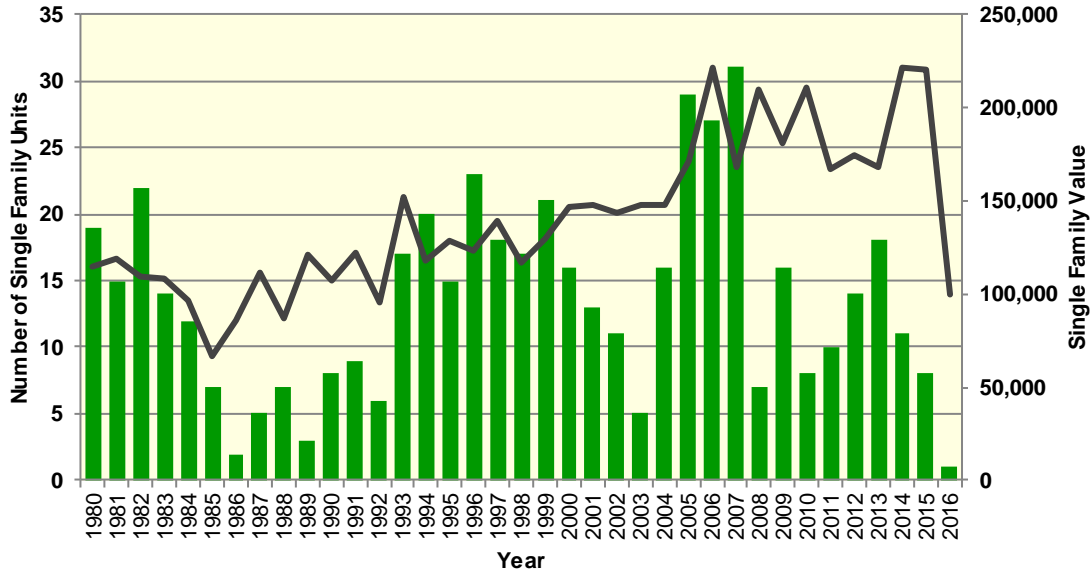
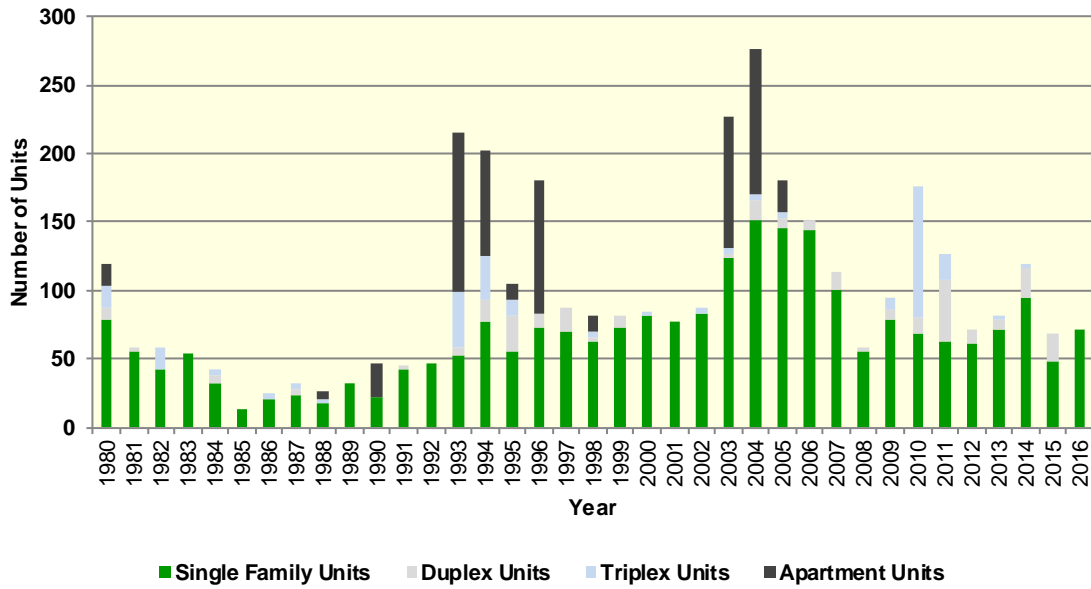


Diagram II.3.7
Total Permits by Unit Type
 Arthur County
 Census Bureau Data, 1980–2016



Housing Characteristics

Housing types by unit are shown in Table II.3.33. In 2016, there were 259 housing units, down from 273 in 2000. Single-family units accounted for 91.9 percent of units in 2016, compared to 78 in 2000.

Table II.3.33				
Housing Units by Type				
Arthur County				
2000 Census SF3 & 2016 Five-Year ACS Data				
Unit Type	2000 Census		2016 Five-Year ACS	
	Units	% of Total	Units	% of Total
Single-Family	213	78%	238	91.9%
Duplex	3	1.1%	0	0%
Tri- or Four-Plex	0	0%	0	0%
Apartment	0	0%	0	0%
Mobile Home	50	18.3%	21	8.1%
Boat, RV, Van, Etc.	7	2.6%	0	0%
Total	273	100.0%	259	100.0%

Some 73.6 percent of housing was occupied in 2010, compared to 67.8 percent in 2000. Owner-occupied housing changed 8.5 percent between 2000 and 2010, ending with owner-occupied units representing 67.9 percent of units. Vacant units changed by -23.9 percent, resulting in 67 vacant units in 2010.

Table II.3.34					
Housing Units by Tenure					
Arthur County					
2000 & 2010 Census SF1 Data					
Tenure	2000 Census		2010 Census		% Change 00-10
	Units	% of Total	Units	% of Total	
Occupied Housing Units	185	67.8%	187	73.6%	1.1%
Owner-Occupied	117	63.2%	127	67.9%	8.5%
Renter-Occupied	68	36.8%	60	32.1%	-11.8%
Vacant Housing Units	88	32.2%	67	26.4%	-23.9%
Total Housing Units	273	100.0%	254	100.0%	-7%

Table II.3.35 shows housing units by tenure from 2010 to 2016. By 2016, there were 259 housing units. An estimated 62.3 percent were owner-occupied, and 29.3 percent were vacant.

Table II.3.35				
Housing Units by Tenure				
Arthur County				
2010 Census & 2016 Five-Year ACS Data				
Tenure	2010 Census		2016 Five-Year ACS	
	Units	% of Total	Units	% of Total
Occupied Housing Units	187	73.6%	183	70.7%
Owner-Occupied	127	67.9%	114	62.3%
Renter-Occupied	60	32.1%	69	37.7%
Vacant Housing Units	67	26.4%	76	29.3%
Total Housing Units	254	100.0%	259	100.0%

Households by household size are shown in Table II.3.36. There were a total of 187 households in 2010, up from 185 in 2000. One person households changed by 25 percent between 2000 and 2010, while two person households changed by -22.4 percent. Three and four person households changed by 14.8 and 84.6 respectively, representing 16.6 percent and 12.8 percent of the population in 2010.

Table II.3.36					
Households by Household Size					
Arthur County					
2000 & 2010 Census SF1 Data					
Size	2000 Census		2010 Census		% Change 00–10
	Households	% of Total	Households	% of Total	
One Person	40	21.6%	50	26.7%	25%
Two Persons	85	45.9%	66	35.3%	-22.4%
Three Persons	27	14.6%	31	16.6%	14.8%
Four Persons	13	7%	24	12.8%	84.6%
Five Persons	19	10.3%	11	5.9%	-42.1%
Six Persons	1	0.5%	2	1.1%	100%
Seven Persons or More	0	0%	3	1.6%	%
Total	185	100.0%	187	100.0%	1.1%

Households by income is shown in Table II.3.37. Households earning more than \$100,000 per year represented 6 percent of households in 2016, compared to 4.9 percent in 2000. Households earning between \$50,000 and \$74,999 represented 18 percent of households in 2016, compared to 13.5 percent in 2000. Meanwhile, households earning less than \$15,000 accounted for 15.3 percent of households in 2016, compared to 16.2 percent in 2000.

Table II.3.37				
Households by Income				
Arthur County				
2000 Census SF3 & 2016 Five-Year ACS Data				
Income	2000 Census		2016 Five-Year ACS	
	Households	% of Total	Households	% of Total
Less than \$15,000	30	16.2%	28	15.3%
\$15,000 to \$19,999	25	13.5%	23	12.6%
\$20,000 to \$24,999	28	15.1%	9	4.9%
\$25,000 to \$34,999	40	21.6%	19	10.4%
\$35,000 to \$49,999	19	10.3%	36	19.7%
\$50,000 to \$74,999	25	13.5%	33	18%
\$75,000 to \$99,999	9	4.9%	24	13.1%
\$100,000 or More	9	4.9%	11	6%
Total	185	100.0%	183	100.0%

Table II.3.38 shows households by year home built. Housing units built between 2000 and 2009, account for 9.8 percent and those built in 2010 or later accounted for 2.2 percent of households. Households built in the 1970's, 1980's, and 1990's account for 18.6 percent, 10.4 percent, and 5.5, respectively. Housing units built prior to 1939 represented 21.3 percent of households in 2016.

Table II.3.38				
Households by Year Home Built				
Arthur County				
2000 Census SF3 & 2016 Five-Year ACS Data				
Year Built	2000 Census		2016 Five-Year ACS	
	Households	% of Total	Households	% of Total
1939 or Earlier	87	47%	39	21.3%
1940 to 1949	10	5.4%	18	9.8%
1950 to 1959	11	5.9%	23	12.6%
1960 to 1969	21	11.4%	18	9.8%
1970 to 1979	28	15.1%	34	18.6%
1980 to 1989	16	8.6%	19	10.4%
1990 to 1999	12	6.5%	10	5.5%
2000 to 2009	.	.	18	9.8%
2010 or Later	.	.	4	2.2%
Total	185	100.0%	183	100.0%

The distribution of unit types by race are shown in Table II.3.39. An estimated 91.2 percent of white households occupy single-family homes.

Table II.3.39							
Distribution of Units in Structure by Race							
Arthur County							
2016 Five-Year ACS Data							
Unit Type	White	Black	American Indian	Asian	Native Hawaiian/Pacific Islanders	Other	Two or More Races
Single-Family	91.2%	%	%	%	%	100%	100%
Duplex	0%	%	%	%	%	0%	0%
Tri- or Four-Plex	0%	%	%	%	%	0%	0%
Apartment	0%	%	%	%	%	0%	0%
Mobile Home	8.8%	%	%	%	%	0%	0%
Boat, RV, Van, Etc.	0%	%	%	%	%	0%	0%
Total	100.0%	%	%	%	%	100.0%	100.0%

The disposition of vacant housing units in 2000 and 2010 are shown in Table II.3.40. An estimated 4.5 percent of vacant units were for rent in 2010, a -50 percent change since 2000. In addition, some 1.5 percent of vacant units were for sale, a change of -93.3 percent between 2000 and 2010. "Other" vacant units represented 53.7 percent of vacant units in 2010. This is a change of 38.5 percent since 2000. "Other" vacant units are not for sale or rent, or otherwise available to the marketplace. These units may be problematic if concentrated in certain areas, and may create a "blighting" effect.

Table II.3.40 Disposition of Vacant Housing Units Arthur County 2000 & 2010 Census SF1 Data					
Disposition	2000 Census		2010 Census		% Change 00-10
	Units	% of Total	Units	% of Total	
For Rent	6	6.8%	3	4.5%	-50%
For Sale	15	17%	1	1.5%	-93.3%
Rented or Sold, Not Occupied	6	6.8%	1	1.5%	-83.3%
For Seasonal, Recreational, or Occasional Use	35	39.8%	26	38.8%	-25.7%
For Migrant Workers	0	0%	0	0%	%
Other Vacant	26	29.5%	36	53.7%	38.5%
Total	88	100.0%	67	100.0%	-23.9%

The disposition of vacant units between 2010 and 2016 are shown in Table II.3.41. By 2016, for rent units accounted for 0 percent of vacant units, while for sale units accounted for 0 percent. “Other” vacant units accounted for 71.1 percent of vacant units, representing a total of 54 “other” vacant units.

Table II.3.41 Disposition of Vacant Housing Units Arthur County 2010 Census & 2016 Five-Year ACS Data				
Disposition	2010 Census		2016 Five-Year ACS	
	Units	% of Total	Units	% of Total
For Rent	3	4.5%	0	0%
For Sale	1	1.5%	0	0%
Rented Not Occupied	0	0%	0	0%
Sold Not Occupied	1	1.5%	0	0%
For Seasonal, Recreational, or Occasional Use	26	38.8%	22	28.9%
For Migrant Workers	0	0%	0	0%
Other Vacant	36	53.7%	54	71.1%
Total	67	100.0%	76	100.0%

Department of Property Assessment Division

The Department of Property Assessment Division (PAD) provided a database of residential property transactions over the last 19 years. Property transactions are primarily related to existing buildings, with very few for new construction. During fiscal years 1999 through 2017, there were 29 property transactions in Arthur County. Of these, 21 were for single-family homes during this 19-year period, as shown in Table II.3.42.

Table II.3.42						
Residential Property Transactions						
Arthur County						
Fiscal Years 1999–2017 PAD Data						
Year	Single-Family	Mobile Home	Duplex	Townhome	Missing	Total
1999	1	1	0	0	1	3
2000	3	0	0	0	0	3
2001	1	0	0	0	0	1
2002	3	0	0	0	1	4
2003	1	2	0	0	0	3
2004	0	0	0	0	0	0
2005	4	0	0	0	0	4
2006	4	2	0	0	0	6
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	2	0	0	0	0	2
2010	1	0	0	0	0	1
2011	1	0	0	0	0	1
2012	0	0	0	0	0	0
2013	0	0	0	0	0	0
2014	0	1	0	0	0	1
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
Total	21	6	0	0	2	29

The PAD data also include descriptions of the quality of the building, which refers to the grade of materials and workmanship used in the original construction. Of the 14 single-family home property transactions for units built before 1930, 35.7 percent of units were of low quality and 64.3 percent were of fair quality.

Table II.3.43										
Single-Family Homes by Year Built and Quality of Materials and Workmanship										
Arthur County										
Fiscal Years 1999–2017 PAD Data										
Quality	Before 1930	1931-1960	1961-1970	1971-1980	1981-1990	1991-2000	2001-2010	2011-2017	Missing	Total
Low	5	0	1	0	0	0	0	0	0	6
Fair	9	2	1	0	0	0	0	0	2	14
Average	0	0	0	0	1	0	0	0	0	1
Good	0	0	0	0	0	0	0	0	0	0
Very Good	0	0	0	0	0	0	0	0	0	0
Excellent	0	0	0	0	0	0	0	0	0	0
Missing	0	0	0	0	0	0	0	0	0	0
Total	14	2	2	0	1	0	0	0	2	21

In regard to the current condition of residential dwellings, of the same 14 single-family homes built before 1930, 35.7 percent of the homes were worn out or badly worn, and 64.3 percent were in average condition. Table II.3.44 provides details about the condition of single-family residential dwellings by year built.



Table II.3.44 Single-Family Homes by Year Built and Condition Arthur County Fiscal Years 1999–2017 PAD Data										
Condition	Before 1930	1931-1960	1961-1970	1971-1980	1981-1990	1991-2000	2001-2010	2011-2017	Missing	Total
Worn Out	2	0	0	0	0	0	0	0	0	2
Badly Worn	3	0	0	0	0	0	0	0	0	3
Average	9	2	2	0	1	0	0	0	2	16
Good	0	0	0	0	0	0	0	0	0	0
Very Good	0	0	0	0	0	0	0	0	0	0
Excellent	0	0	0	0	0	0	0	0	0	0
Missing	0	0	0	0	0	0	0	0	0	0
Total	14	2	2	0	1	0	0	0	2	21

Housing Costs

Table II.3.45 shows the average price of an existing single-family homes.

Single-family home prices from the PAD database also indicated a general increase in average home prices and average floor area for newer homes.¹⁴ Table II.3.46, provides additional details about single-family homes.

Table II.3.45 Average Sales Price of Single-Family Homes Arthur County Fiscal Years 1999–2017 PAD Data	
Fiscal Year	Average Sales Price (\$)
1999	45,000
2000	23,467
2001	24,000
2002	22,000
2003	7,500
2004	0
2005	28,650
2006	32,000
2007	0
2008	0
2009	8,000
2010	68,000
2011	32,000
2012	0
2013	0
2014	0
2015	0
2016	0
2017	0
Average	27,214

Table II.3.46 Single-Family Homes by Year Built, Average Sales Price, Average Floor Area, and Price Per Square Foot Arthur County Fiscal Years 1999–2017 PAD Data			
Year Built	Average Sales Price (\$)	Average Floor Area (Sq. Ft.)	Price per Sq. Ft. ¹⁵ (\$)
Before 1930	19,743	998	19.77
1931-1960	40,500	1,573	25.75
1961-1970	39,000	1,100	35.47
1971-1980	0	0	0
1981-1990	91,000	1,974	46.1
1991-2000	0	0	0
2001-2010	0	0	0
2011-2017	0	0	0
Average	27,214	1,105	24.62

Housing Problems

Households are classified as having housing problems if they face overcrowding, incomplete plumbing or kitchen facilities, or cost burdens. Overcrowding is defined as having from 1.1 to 1.5 people per room per residence, with severe overcrowding defined as having more than 1.5 people per room. Households with overcrowding are shown in Table II.3.47. In 2016, an estimated 0.5 percent of households were overcrowded, and an additional 0 percent were severely overcrowded.

¹⁴ When a manufactured home is placed on a permanent foundation, the Assessor considers the property a single-family dwelling. Hence, these property transactions are seen even though a single-family new construction permit was probably not issued for the manufactured home.

¹⁵ Price per sq. ft. may not compute precisely due to rounding-off of sales price and floor area.



Table II.3.47 Overcrowding and Severe Overcrowding Arthur County 2000 Census SF3 & 2016 Five-Year ACS Data							
Data Source	No Overcrowding		Overcrowding		Severe Overcrowding		Total
	Households	% of Total	Households	% of Total	Households	% of Total	
Owner							
2000 Census	118	100%	0	0%	0	0%	118
2016 Five-Year ACS	113	99.1%	1	0.9%	0	0%	114
Renter							
2000 Census	65	97%	2	3%	0	0%	67
2016 Five-Year ACS	69	100%	0	0%	0	0%	183
Total							
2000 Census	183	98.9%	2	1.1%	0	0%	185
2016 Five-Year ACS	182	99.5%	1	0.5%	0	0%	183

Incomplete plumbing and kitchen facilities are another indicator of potential housing problems. According to the Census Bureau, a housing unit is classified as lacking complete plumbing facilities when any of the following are not present: piped hot and cold water, a flush toilet, and a bathtub or shower. Likewise, a unit is categorized as deficient when any of the following are missing from the kitchen: a sink with piped hot and cold water, a range or cook top and oven, and a refrigerator.

There were a total of 183 households with incomplete plumbing facilities in 2016, representing 0 percent of households in Arthur County. This is compared to 1.1 percent of households lacking complete plumbing facilities in 2000.

Table II.3.48 Households with Incomplete Plumbing Facilities Arthur County 2000 Census SF3 & 2016 Five-Year ACS Data		
Households	2000 Census	2016 Five-Year ACS
With Complete Plumbing Facilities	183	183
Lacking Complete Plumbing Facilities	2	0
Total Households	185	183
Percent Lacking	1.1%	0%

There were 183 households lacking complete kitchen facilities in 2016, compared to 185 households in 2000. This was a change from 0 percent of households in 2000 to 1.1 percent in 2016.

Table II.3.49 Households with Incomplete Kitchen Facilities Arthur County 2000 Census SF3 & 2016 Five-Year ACS Data		
Households	2000 Census	2016 Five-Year ACS
With Complete Kitchen Facilities	185	181
Lacking Complete Kitchen Facilities	0	2
Total Households	185	183
Percent Lacking	0%	1.1%

Cost burden is defined as gross housing costs that range from 30.0 to 50.0 percent of gross household income; severe cost burden is defined as gross housing costs that exceed 50.0 percent of gross household income. For homeowners, gross housing costs include property taxes, insurance, energy payments, water and sewer service, and refuse collection. If the homeowner has a

mortgage, the determination also includes principal and interest payments on the mortgage loan. For renters, this figure represents monthly rent and selected electricity and natural gas energy charges.

In Arthur County, 9.3 percent of households had a cost burden and 12 percent had a severe cost burden. Some 10.1 percent of renters were cost burdened, and 8.7 percent were severely cost burdened. Owner-occupied households without a mortgage had a cost burden rate of 8.2 percent and a severe cost burden rate of 10.6 percent. Owner occupied households with a mortgage had a cost burden rate of 10.3 percent, and severe cost burden at 24.1 percent.

Table II.3.50
Cost Burden and Severe Cost Burden by Tenure
 Arthur County
 2000 Census & 2016 Five-Year ACS Data

Data Source	Less Than 30%		31%-50%		Above 50%		Not Computed		Total
	Households	% of Total	Households	% of Total	Households	% of Total	Households	% of Total	
Owner With a Mortgage									
2000 Census	11	73.3%	4	26.7%	0	0%	0	0%	15
2016 Five-Year ACS	19	65.5%	3	10.3%	7	24.1%	0	0%	29
Owner Without a Mortgage									
2000 Census	39	95.1%	2	4.9%	0	0%	0	0%	41
2016 Five-Year ACS	69	81.2%	7	8.2%	9	10.6%	0	0%	85
Renter									
2000 Census	16	32.7%	5	10.2%	0	0%	28	57.1%	49
2016 Five-Year ACS	21	30.4%	7	10.1%	6	8.7%	35	50.7%	69
Total									
2000 Census	66	62.9%	11	10.5%	0	0%	28	26.7%	105
2016 Five-Year ACS	109	59.6%	17	9.3%	22	12%	35	19.1%	183

Housing Problems by Income

Table II.3.51, shows the HUD calculated Median Family Income (MFI) for a family of four for Arthur County. As can be seen in 2017 the MFI was \$50,900, which compared to \$68,200 for the State of Nebraska.

Table II.3.52 shows Comprehensive Housing Affordability Strategy (CHAS) data for housing problems by tenure and income. As can be seen there are a total of 20 owner-occupied and 8 renter-occupied households with a cost burden of greater than 30 percent and less than 50 percent. An additional 16 owner-occupied 8 renter-occupied households had a cost burden greater than 50 percent of income. Overall there are 143 households without a housing problem.

Table II.3.51
Median Family Income
 Arthur County
 2000–2017 HUD MFI

Year	MFI	State of Nebraska MFI
2000	29,000	50,400
2001	29,000	53,400
2002	29,000	55,100
2003	36,300	55,400
2004	39,900	56,300
2005	39,900	57,400
2006	40,600	59,400
2007	39,300	58,200
2008	40,300	59,800
2009	41,500	62,000
2010	41,900	62,600
2011	53,200	63,500
2012	53,900	64,400
2013	48,400	64,600
2014	48,200	66,000
2015	51,500	66,800
2016	50,000	66,500
2017	50,900	68,200



Table II.3.52
Housing Problems by Income and Tenure

Arthur County
2010–2014 HUD CHAS Data

Housing Problem	Less Than 30% MFI	30% - 50% MFI	50% - 80% MFI	80% - 100% MFI	Greater than 100% MFI	Total
Owner-Occupied						
Lacking complete plumbing or kitchen facilities	0	0	0	0	0	0
Severely Overcrowded with > 1.51 people per room (and complete kitchen and plumbing)	0	0	0	0	0	0
Overcrowded - With 1.01-1.5 people per room (and none of the above problems)	0	0	4	0	0	4
Housing cost burden greater than 50% of income (and none of the above problems)	4	4	0	4	4	16
Housing cost burden greater than 30% but less than 50% of income (and none of the above problems)	4	4	4	4	4	20
Zero/negative income (and none of the above problems)	0	0	0	0	0	0
has none of the 4 housing problems	4	10	15	10	50	89
Total	12	18	23	18	58	129
Renter-Occupied						
Lacking complete plumbing or kitchen facilities	0	0	4	0	0	4
Severely Overcrowded with > 1.51 people per room (and complete kitchen and plumbing)	0	0	0	0	0	0
Overcrowded - With 1.01-1.5 people per room (and none of the above problems)	0	0	0	0	0	0
Housing cost burden greater than 50% of income (and none of the above problems)	4	4	0	0	0	8
Housing cost burden greater than 30% but less than 50% of income (and none of the above problems)	4	4	0	0	0	8
Zero/negative income (and none of the above problems)	4	0	0	0	0	4
has none of the 4 housing problems	4	10	15	15	10	54
Total	16	18	19	15	10	78
Total						
Lacking complete plumbing or kitchen facilities	0	0	4	0	0	4
Severely Overcrowded with > 1.51 people per room (and complete kitchen and plumbing)	0	0	0	0	0	0
Overcrowded - With 1.01-1.5 people per room (and none of the above problems)	0	0	4	0	0	4
Housing cost burden greater than 50% of income (and none of the above problems)	8	8	0	4	4	24
Housing cost burden greater than 30% but less than 50% of income (and none of the above problems)	8	8	4	4	4	28
Zero/negative income (and none of the above problems)	4	0	0	0	0	4
has none of the 4 housing problems	8	20	30	25	60	143
Total	28	36	42	33	68	207

Home Mortgage Loans

The FFEIC The Home Mortgage Disclosure Act (HMDA) was enacted by Congress in 1975. Data collected under the HMDA provide a comprehensive portrait of home loan activity, including information pertaining to home purchase loans, home improvement loans, and refinancing. For the analysis only owner-occupied originated loans for single-family units were considered. As can be seen in Table II.3.53, of the 3 loans in 2016, 1 loan was for Home Purchases, 1 was for Home Improvement and 1 was for refinancing.



Table II.3.53 Owner-Occupied Single-Family Home Loans by Loan Type Arthur County 2008 – 2016 HMDA Data				
Year	Home Purchase	Home Improvement	Refinancing	Total
2008	0	2	3	5
2009	0	1	1	2
2010				
2011	1	0	3	4
2012	0	0	1	1
2013	0	1	3	4
2014	1	0	2	3
2015				
2016	1	1	1	3

Table II.3.54 shows the average loan value by loan type. In 2008, average home purchase loans was \$283,000 in 2016. Overall, average loans were \$197,600 in 2008 and \$162,000 in 2016.

Table II.3.54 Owner-Occupied Single-Family Home Loans by Average Loan Amount Arthur County 2008 – 2016 HMDA Data				
Year	Home Purchase	Home Improvement	Refinancing	Total
2008	\$	\$24,000	\$313,333	\$197,600
2009	\$	\$55,000	\$197,000	\$126,000
2010	\$	\$	\$	\$
2011	\$87,000	\$	\$46,000	\$56,250
2012	\$	\$	\$218,000	\$218,000
2013	\$	\$75,000	\$460,667	\$364,250
2014	\$64,000	\$	\$120,000	\$101,333
2015	\$	\$	\$	\$
2016	\$283,000	\$96,000	\$107,000	\$162,000

Table II.3.55 shows the total volume of owner-occupied single-family loans. The average home purchase loans \$283,000 in 2016. Overall, average loans were \$988,000 in 2008 and \$486,000 in 2016.

Table II.3.55 Total Volume of Owner-Occupied Single-Family Loans Arthur County 2008 – 2016 HMDA Data				
Year	Home Purchase	Home Improvement	Refinancing	Total
2008		48,000	940,000	988,000
2009		55,000	197,000	252,000
2010				
2011	87,000		138,000	225,000
2012			218,000	218,000
2013		75,000	1,382,000	1,457,000
2014	64,000		240,000	304,000
2015				
2016	283,000	96,000	107,000	486,000

Survey of Rental Properties

From September through December of 2017, a telephone survey was conducted with landlords and rental property managers throughout Nebraska. Table II.3.56 presents some basic statistics about the completed surveys from this and other surveys conducted from 2002 through 2017 in Arthur County. The number of completed surveys was 0 in 2017.

Table II.3.56 Survey of Rental Properties Arthur County 2002–2017 Survey of Rental Properties				
Year	Completed Surveys	Total Units	Vacancy Rate	Absorption Rate
2002	0	0	0	
2003	0	0	0	
2004	3	3	0	3.5
2005	2	6	16.7	30
2006	1	5	0	186
2007	1	5	0	7
2008	1	5	0	
2009	1	6	0	
2010				
2011				
2012				
2013				
2014	0	0		
2015				
2016				
2017				