

**VOLUME II:
LOGAN COUNTY**

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Logan County

DEMOGRAPHICS

Population Estimates

The Census Bureau's current census estimates indicate that Logan County's population increased from 763 in 2010 to 772 in 2016, or by 1.2 percent. 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 9.1 percent, and the number of people from 55 to 64 years of age increased by 8.9 percent. The white population decreased by 0.7 percent, while the black population increased by 300 percent. The Hispanic population decreased from 13 to 12 people between 2010 and 2016 or by 7.7 percent. These data are presented in Table II.57.1.

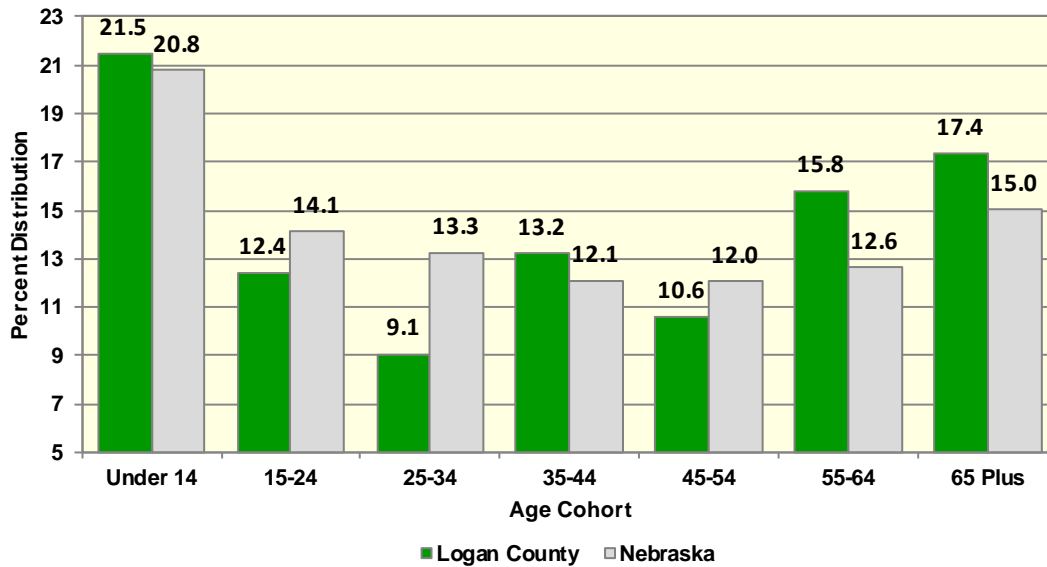
Table II.57.1						
Profile of Population Characteristics						
Logan County vs. State of Nebraska						
2010 Census and 2016 Current Census Estimates						
Subject	Logan County			Nebraska		
	2010 Census	Jul-16	% Change	2010 Census	Jul-16	% Change
Population	763	772	1.2%	1,826,341	1,907,116	4.4%
Age						
0 to 14 years	158	166	5.1%	383,542	396,601	3.4%
15 to 24 years	72	96	33.3%	258,206	269,442	4.4%
25 to 34 years	77	70	-9.1%	245,176	252,946	3.2%
35 to 44 years	92	102	10.9%	220,838	230,528	4.4%
45 to 54 years	113	82	-27.4%	258,726	229,683	-11.2%
55 to 64 years	112	122	8.9%	213,176	241,172	13.1%
65 and Over	139	134	-3.6%	246,677	286,744	16.2%
Race						
White	752	747	-0.7%	1,649,264	1,694,976	2.8%
Black	1	4	300%	85,971	94,620	10.1%
American Indian and Alaskan Native	7	9	28.6%	23,418	27,318	16.7%
Asian	1	3	200%	33,322	47,282	41.9%
Native Hawaiian or Pacific Islander	0	0	0%	2,061	2,425	17.7%
Two or more races	2	9	350%	32,305	40,495	25.4%
Ethnicity (of any race)						
Hispanic or Latino	13	12	-7.7%	167,405	203,320	21.5%

Table II.57.2, presents the population of Logan County by age and gender from the 2010 Census and 2016 current census estimates. The 2010 Census count showed a total of 381 males, who accounted for 49.9 percent of the population, and the remaining 50.1 percent, or 382 persons, were female. In 2016, the number of males was 405 persons, and accounted for 52.5 percent of the population, with the remaining 47.5 percent, or 367 persons being female.



Table II.57.2 Population by Age and Gender Logan 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	73	85	158	87	79	166	5.1%
15 to 24 years	42	30	72	55	41	96	33.3%
25 to 34 years	39	38	77	40	30	70	-9.1%
35 to 44 years	46	46	92	59	43	102	10.9%
45 to 54 years	60	53	113	38	44	82	-27.4%
55 to 64 years	54	58	112	63	59	122	8.9%
65 and Over	67	72	139	63	71	134	1.2%
Total	381	382	763	405	367	772	1.2%
% of Total	49.9%	50.1%	.	52.5%	47.5%	.	

Diagram II.57.1
Age Distribution
 Logan 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.57.3, from April 2000 to July 2009, Logan County natural increase was estimated to be 20 people. Logan County has been experiencing net out-migration, with 62 persons leaving the county in the last nine years.³⁷ The 2016 population estimates showed a natural increase of 36 persons. Between 2010 and 2016, Logan County’s population rose to 772 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 Logan County decreased from 9 persons in 2015 to 0 persons in 2016, with an additional net movement of -6 in the first six months of 2017. The driver’s license total exchanges for the last 16 years are presented in Table II.57.4.

Table II.57.3	
Population Change	
Logan County	
1980–2010 Census and Intercensal Data	
1980 Population	983
Natural Increase 80–90	56
Net Migration 80–90	-161
1990 Population	878
Natural Increase 90–00	2
Net Migration 90–00	-106
2000 Population	774
Natural Increase 00–09	20
Net Migration 00–09	-62
2009 Population Estimate	732
2010 Population	763
Natural Increase 10–16	36
Net Migration 10–16	-27
2016 Population Estimate	772

Table II.57.4			
Driver's Licenses Exchanged and Surrendered			
Logan County			
2001–First half of 2017 DOT Data			
Year	In-Migrants	Out-Migrants	Net Change
Calendar 2001	6	5	1
Calendar 2002	18	11	7
Calendar 2003	12	6	6
Calendar 2004	7	7	0
Calendar 2005	7	5	2
Calendar 2006	11	8	3
Calendar 2007	9	3	6
Calendar 2008	11	10	1
Calendar 2009	8	6	2
Calendar 2010	4	5	-1
Calendar 2011	11	7	4
Calendar 2012	12	5	7
Calendar 2013	7	8	-1
Calendar 2014	6	9	-3
Calendar 2015	17	8	9
Calendar 2016	6	6	0
First Half of 2017	2	8	-6

³⁷ 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 Logan County increased by 8.1 percent from 148 in 2016 to 160 in 2017, as shown in Table II.57.5. The number of school-age children 5 to 11 years of age increased from 81 in 2016 to 82 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.

Year	Age Group			Total
	5–11	11–13	14–18	
1992	122	39	83	244
1993	104	42	76	222
1994	113	32	85	230
1995	102	27	90	219
1996	99	38	77	214
1997	95	34	77	206
1998	86	33	88	207
1999	61	34	84	179
2000	73	28	84	185
2001	64	26	87	177
2002	65	24	77	166
2003	70	32	79	181
2004	78	26	69	173
2005	77	20	52	149
2006	73	23	49	145
2007	61	19	48	128
2008	59	18	40	117
2009	68	17	35	120
2010	70	23	39	132
2011	82	19	40	141
2012	89	16	45	150
2013	84	23	48	155
2014	84	19	44	147
2015	81	14	49	144
2016	81	21	46	148
2017	82	23	55	160

Population Characteristics

Table II.57.6, shows population by age for the 2000 and 2010 Census. The population changed by -1.4 percent overall between 2000 and 2010. Various age cohorts changed at different rates. The elderly population, or persons aged 65 or older, changed by 2.2 percent to a total of 139 persons in 2010. Those aged 25 to 34 changed by 16.7 percent, and those aged under 5 changed by 35 percent.



Table II.57.6 Population by Age Logan County 2000 & 2010 Census SF1 Data					
Age	2000 Census		2010 Census		% Change 00-10
	Population	% of Total	Population	% of Total	
Under 5	40	5.2%	54	7.1%	35%
5 to 19	181	23.4%	146	19.1%	-19.3%
20 to 24	24	3.1%	30	3.9%	25%
25 to 34	66	8.5%	77	10.1%	16.7%
35 to 54	246	31.8%	205	26.9%	-16.7%
55 to 64	81	10.5%	112	14.7%	38.3%
65 or Older	136	17.6%	139	18.2%	2.2%
Total	774	100.0%	763	100.0%	-1.4%

The elderly population is further explored in Table II.57.7. Those aged 65 to 66 changed by -10 percent between 2000 and 2010, resulting in a population of 18 persons. Those aged 85 or older changed by 28.6 percent during the same time period, and resulted in 18 persons over age 85 in 2010.

Table II.57.7 Elderly Population by Age Logan County 2000 & 2010 Census SF1 Data					
Age	2000 Census		2010 Census		% Change 00-10
	Population	% of Total	Population	% of Total	
65 to 66	20	14.7%	18	12.9%	-10%
67 to 69	33	24.3%	23	16.5%	-30.3%
70 to 74	24	17.6%	35	25.2%	45.8%
75 to 79	24	17.6%	30	21.6%	25%
80 to 84	21	15.4%	15	10.8%	-28.6%
85 or Older	14	10.3%	18	12.9%	28.6%
Total	136	100.0%	139	100.0%	2.2%

Population by race and ethnicity is shown in Table II.57.8 representing 98.4 percent of the population in 2010. The black population represented 0.1 percent of the population in 2010. The American Indian and Asian populations represented 0.9 and 0.1 percent, respectively, in 2010. As for ethnicity, the Hispanic population changed by 85.7 percent between 2000 and 2010, compared to the -2.2 percent growth rate for non-Hispanics.



Table II.57.8					
Population by Race and Ethnicity					
Logan County					
2000 & 2010 Census SF1 Data					
Race	2000 Census		2010 Census		% Change 00-10
	Population	% of Total	Population	% of Total	
White	763	98.6%	751	98.4%	-1.6%
Black	1	0.1%	1	0.1%	0%
American Indian	8	1%	7	0.9%	-12.5%
Asian	0	0%	1	0.1%	%
Native Hawaiian/ Pacific Islander	0	0%	0	0%	%
Other	0	0%	1	0.1%	%
Two or More Races	2	0.3%	2	0.3%	0%
Total	774	100.0%	763	100.0%	-1.4%
Hispanic	7	0.9%	13	1.7%	85.7%
Non-Hispanic	767	99.1%	750	98.3%	-2.2%

Population by race and ethnicity through 2016 is shown in Table II.57.9. The white population represented 97.1 percent of the population in 2016, compared with the black population accounting for 0.2 percent of the population. Hispanic population represented 1.9 percent of the population in 2016.

Table II.57.9				
Population by Race and Ethnicity				
Logan County				
2010 Census & 2016 Five-Year ACS				
Race	2010 Census		2016 Five-Year ACS	
	Population	% of Total	Population	% of Total
White	751	98.4%	806	97.1%
Black	1	0.1%	2	0.2%
American Indian	7	0.9%	2	0.2%
Asian	1	0.1%	0	0%
Native Hawaiian/ Pacific Islander	0	0%	0	0%
Other	1	0.1%	12	1.4%
Two or More Races	2	0.3%	8	1%
Total	763	100.0%	830	100.0%
Non-Hispanic	750	98.3%	814	98.1%
Hispanic	13	1.7%	16	1.9%

The population by race is broken down further by ethnicity in Table II.57.10. While the white non-Hispanic population changed by -2.2 percent between 2000 and 2010, the white Hispanic population changed by 71.4 percent.

Table II.57.10					
Population by Race and Ethnicity					
Logan County					
2000 & 2010 Census Data					
Race	2000		2010 Census		% Change 00 - 10
	Population	% of Total	Population	% of Total	
Non-Hispanic					
White	756	98.6%	739	98.5%	-2.2%
Black	1	0.1%	1	0.1%	0%
American Indian	8	1%	7	0.9%	-12.5%
Asian	0	0%	1	0.1%	%
Native Hawaiian/ Pacific Islander	0	0%	0	0%	%
Other	0	0%	0	0%	%
Two or More Races	2	0.3%	2	0.3%	0%
Total Non-Hispanic	767	100.0%	750	100.0%	-2.2%
Hispanic					
White	7	100%	12	92.3%	71.4%
Black	0	0%	0	0%	%
American Indian	0	0%	0	0%	%
Asian	0	0%	0	0%	%
Native Hawaiian/ Pacific Islander	0	0%	0	0%	%
Other	0	0%	1	7.7%	%
Two or More Races	0	0%	0	0%	%
Total Hispanic	7	100.0%	13	100.0%	85.7%
Total Population	774	100.0%	763	100.0%	-1.4%

The change in race and ethnicity between 2010 and 2016 is shown in Table II.57.11. During this time, the total non-Hispanic population was 814 persons in 2016. The Hispanic population was 16.

Table II.57.11				
Population by Race and Ethnicity				
Logan County				
2010 Census & 2016 Five-Year ACS				
Race	2010 Census		2016 Five-Year ACS	
	Population	% of Total	Population	% of Total
Non-Hispanic				
White	739	98.5%	802	98.5%
Black	1	0.1%	2	0.2%
American Indian	7	0.9%	2	0.2%
Asian	1	0.1%	0	0%
Native Hawaiian/ Pacific Islander	0	0%	0	0%
Other	0	0%	0	0%
Two or More Races	2	0.3%	8	1%
Total Non-Hispanic	750	100.0%	814	100.0%
Hispanic				
White	12	92.3%	4	25%
Black	0	0%	0	0%
American Indian	0	0%	0	0%
Asian	0	0%	0	0%
Native Hawaiian/ Pacific Islander	0	0%	0	0%
Other	1	7.7%	12	75%
Two or More Races	0	0%	0	0%
Total Hispanic	13	100.0%	16	100.0%
Total Population	763	100.0%	830	100.0%



Households by type and tenure are shown in Table II.57.12. Family households represented 65.3 percent of households, while non-family households accounted for 34.7 percent. These changed from 67.4 and 32.6 percent, respectively.

Table II.57.12				
Household Type by Tenure				
Logan County				
2010 Census SF1 & 2016 Five-Year ACS Data				
Household Type	2010 Census		2016 Five-Year ACS	
	Households	Households	Households	% of Total
Family Households	219	67.4%	230	65.3%
Married-Couple Family	192	87.7%	211	91.7%
Owner-Occupied	159	82.8%	156	73.9%
Renter-Occupied	33	17.2%	55	26.1%
Other Family	27	12.3%	19	11.7%
Male Householder, No Spouse Present	6	22.2%	7	31.6%
Owner-Occupied	3	50%	4	57.1%
Renter-Occupied	3	50%	3	42.9%
Female Householder, No Spouse Present	21	77.8%	12	110.5%
Owner-Occupied	10	47.6%	6	50%
Renter-Occupied	11	52.4%	6	50%
Non-Family Households	106	32.6%	122	34.7%
Owner-Occupied	68	64.2%	71	58.2%
Renter-Occupied	38	35.8%	51	41.8%
Total	325	100.0%	352	100.0%

The number of foreign born persons are shown in Table II.57.13. An estimated 0.5 percent of the population was born in China excluding Hong Kong and Taiwan.

Table II.57.13			
Place of Birth for the Foreign-Born Population			
Logan County			
2016 Five-Year ACS			
Number	County	Number of Person	Percent of Total Population
#1 country of origin	China excluding Hong Kong and Taiwan	4	0.5%
#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.57.14. Some 23.2 percent of the population was disabled in 2000, or a total of 170 persons. The disability rate was highest for those over 65, with 38.2 percent disabled.

Table II.57.14 Disability by Age Logan County 2000 Census SF3 Data		
Age	Total	
	Disabled Population	Disability Rate
5 to 15	9	6.7%
16 to 64	109	23.5%
65 and older	52	38.2%
Total	170	23.2%

Table II.57.15 shows disability by type in 2000. There were 67 physical disabilities in 2000, some 76 employment disabilities, and 40 go-outside-home disabilities.

Table II.57.15 Total Disabilities Tallied: Aged 5 and Older Logan County 2000 Census SF3 Data	
Disability Type	Population
Sensory disability	32
Physical disability	67
Mental disability	33
Self-care disability	14
Employment disability	76
Go-outside-home disability	40
Total	262

Disability by age, as estimated by the 2016 ACS, is shown in Table II.57.16. The disability rate for females was 10.2 percent, compared to 18 percent for males. The disability rate changed precipitously higher with age, with 50.7 percent of those over 75 experiencing a disability.

Table II.57.16 Disability by Age Logan 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	15	16.7%	4	5.6%	19	11.7%
18 to 34	16	23.9%	1	1.6%	17	13.3%
35 to 64	19	11.7%	16	10.2%	35	11%
65 to 74	6	16.7%	5	8.6%	11	11.7%
75 or Older	19	54.3%	16	47.1%	35	50.7%
Total	75	18%	42	10.2%	117	14.1%

The number of disabilities by type, as estimated by the 2016 ACS, is shown in Table II.57.17. Some 5.2 percent have an ambulatory disability, 6.2 have an independent living disability, and 3 percent have a self-care disability.

Table II.57.17
Total Disabilities Tallied: Aged 5 and Older

Logan County
2016 Five-Year ACS

Disability Type	Population with Disability	Percent with Disability
Hearing disability	53	6.4%
Vision disability	17	2%
Cognitive disability	34	4.4%
Ambulatory disability	40	5.2%
Self-Care disability	23	3%
Independent living disability	38	6.2%

Education

Education and employment data, as estimated by the 2016 ACS, is presented in Table II.57.18 and Table II.57.21. In 2016, some 430 persons were employed and 4 were unemployed. This totaled a labor force of 434 persons. The unemployment rate for Logan County was estimated to be 0.9 in 2016.

Table II.57.18
Employment, Labor Force and Unemployment

Logan County
2016 Five-Year ACS Data

Employment Status	2016 Five-Year ACS
Employed	430
Unemployed	4
Labor Force	434
Unemployment Rate	0.9%

In 2016, 90.9 percent of households in Logan County had a high school education or greater.

Table II.57.19
High School or Greater Education

Logan County
2016 Five-Year ACS Data

Education Level	Households
High School or Greater	320
Total Households	352
Percent High School or Above	90.9%

As seen in Table II.57.20, 28.4 percent of the population had a high school diploma or equivalent, another 42.8 percent have some college, 17.5 percent have a Bachelor's Degree, and 2.5 percent of the population had a graduate or professional degree.

Table II.57.20
Educational Attainment

Logan County
2016 Five-Year ACS Data

Education Level	Population	Percent
Less Than High School	54	8.9%
High School or Equivalent	173	28.4%
Some College or Associates Degree	261	42.8%
Bachelor's Degree	107	17.5%
Graduate or Professional Degree	15	2.5%
Total Population Above 18 years	610	100.0%



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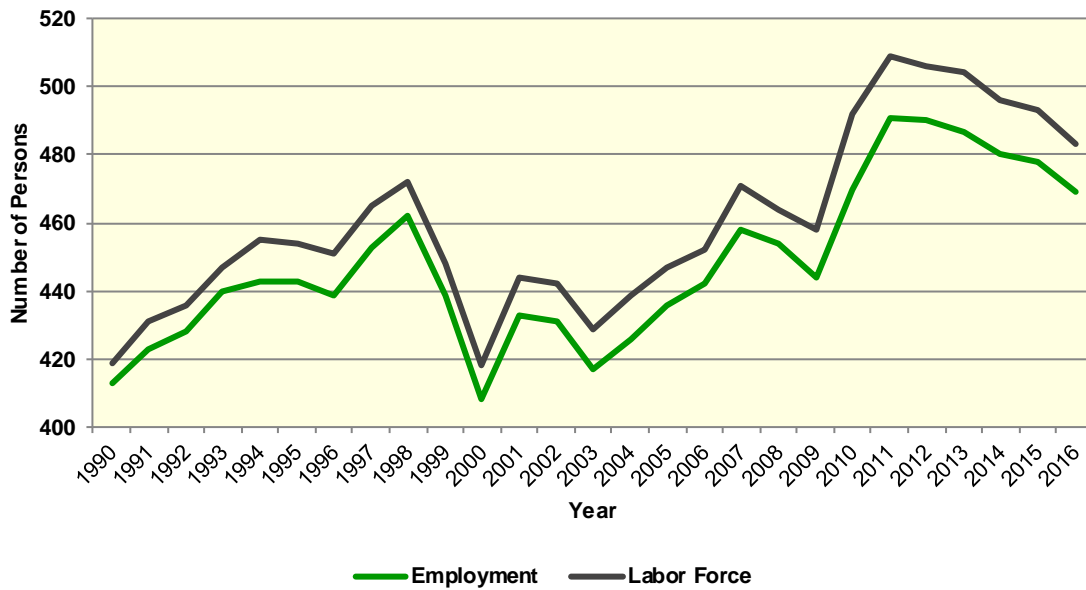
Labor Force

Table II.57.21, shows the labor force statistics for Logan County from 1990 to the present. Over the entire series the lowest unemployment rate occurred in 1990 with a rate of 1.4. The highest level of unemployment occurred during 2010 rising to a rate of 4.5. 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 Logan County decreased from 3 percent in 2015 to 2.9 percent in 2016, which compared to a statewide increase to 3.2 percent.

Table II.57.21 Labor Force Statistics Logan County 1990 - 2016 BLS Data					
Year	Logan County				Statewide
	Unemployment	Employment	Labor Force	Unemployment Rate	Unemployment Rate
1990	6	413	419	1.4%	2.3%
1991	8	423	431	1.9%	2.7%
1992	8	428	436	1.8%	2.9%
1993	7	440	447	1.6%	2.8%
1994	12	443	455	2.6%	2.6%
1995	11	443	454	2.4%	2.6%
1996	12	439	451	2.7%	2.7%
1997	12	453	465	2.6%	2.5%
1998	10	462	472	2.1%	2.6%
1999	9	439	448	2%	2.8%
2000	10	408	418	2.4%	2.8%
2001	11	433	444	2.5%	3.1%
2002	11	431	442	2.5%	3.6%
2003	12	417	429	2.8%	3.9%
2004	13	426	439	3%	3.9%
2005	11	436	447	2.5%	3.8%
2006	10	442	452	2.2%	3.1%
2007	13	458	471	2.8%	3%
2008	10	454	464	2.2%	3.3%
2009	14	444	458	3.1%	4.6%
2010	22	470	492	4.5%	4.6%
2011	18	491	509	3.5%	4.4%
2012	16	490	506	3.2%	4%
2013	17	487	504	3.4%	3.8%
2014	16	480	496	3.2%	3.3%
2015	15	478	493	3%	3%
2016	14	469	483	2.9%	3.2%

Diagram II.57.2, shows the employment and labor force for Logan County. The difference between the two lines represents the number of unemployed persons. In the most recent year, employment stood at 469 persons, with the labor force reaching 483, indicating there were a total of 14 unemployed persons.

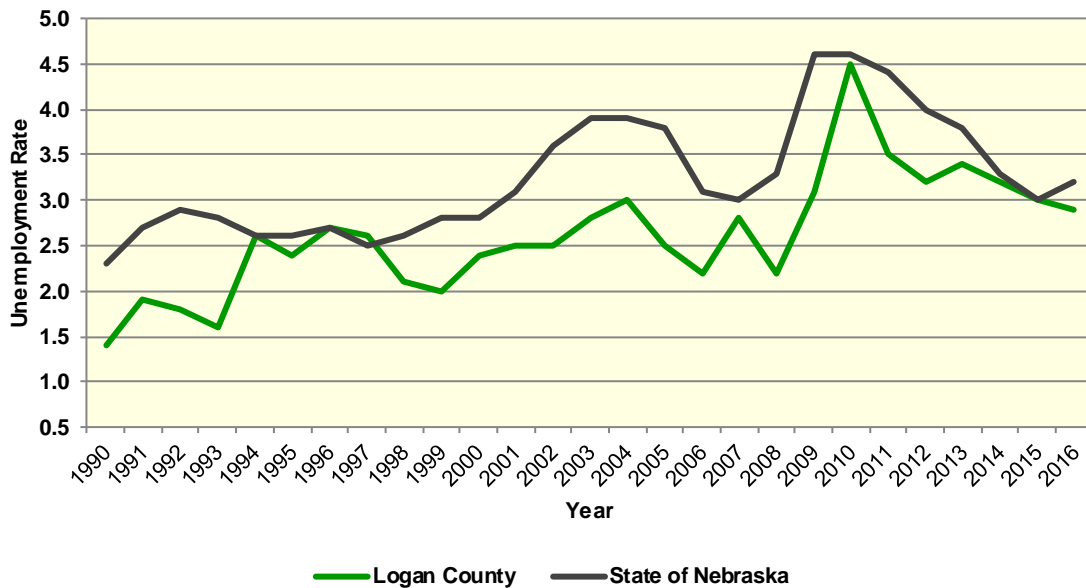
Diagram II.57.2
Employment and Labor Force
 Logan County
 1990 – 2016 BLS Data



Unemployment

Diagram II.57.3, shows the unemployment rate for both the State and Logan County. During the 1990’s the average rate for Logan County was 2.1, which compared to 2.6 statewide. Between 2000 and 2010 the unemployment rate had an average of 2.6, which compared to 3.5 statewide. Since 2010 the average unemployment rate was 3.4. Over the course of the entire period Logan County had an average unemployment rate lower than the state, 2.6 percent for Logan County, versus 3.3 statewide.

Diagram II.57.3
Annual Unemployment Rate
 Logan 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.57.22, shows total real earnings by industry for Logan County. In the most recent 2016 estimate, the farm industry had the largest total real earnings, with total real earnings reaching 5,853,000 dollars. Between 2015 and 2016 the government and government enterprises industry saw the largest percentage increase, rising by 6.5 percent to 3,959,000 dollars.

Table II.57.22
Real Earnings by Industry
 Logan 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	5,156	6,414	16,880	11,337	11,545	12,586	9,094	5,853	-35.6
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	317	0	0	0	0	0	0	0	0
Wholesale trade	0	0	0	0	0	0	0	0	0
Retail trade	0	0	0	0	1,036	775	0	957	0
Transportation and warehousing	543	2,068	2,355	1,801	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	81	0
Real estate and rental and leasing	0	0	0	79	266	225	318	327	2.8
Professional and technical services	0	114	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	158	0	0	0	359	284	217	152	-29.9
Arts, entertainment, and recreation	86	0	0	0	0	0	0	53	0
Accommodation and food services	226	0	0	0	0	0	0	0	0
Other services, except public administration	0	0	0	1,183	1,187	1,078	1,083	0	-100
Government and government enterprises	2,531	3,487	3,617	3,894	3,564	3,473	3,716	3,959	6.5
Total	15,090	17,648	28,940	23,483	22,561	25,435	24,526	21,814	-11.1



Table II.57.23, shows the total employment by industry for Logan County. The most recent estimates show the farm industry was the largest employer in Logan County, with employment reaching 147 jobs in 2016. Between 2015 and 2016 the health care and social assistance industry saw the largest percentage increase, rising by 50 percent.

Table II.57.23
Employment by Industry
Logan County
BEA Table CA25 Data

NAICS Categories	2001	2010	2011	2012	2013	2014	2015	2016	% Change 15-16
Farm earnings	155	157	155	147	148	146	151	147	-2.6
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	0	0	0	0	30	33	0	29	0
Transportation and warehousing	12	36	36	30	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	19	0
Real estate and rental and leasing	10	16	16	20	18	19	16	17	6.2
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	13	12	10	15	50
Arts, entertainment, and recreation	0	0	0	10	0	0	0	0	0
Accommodation and food services	0	0	0	0	0	11	0	0	0
Other services, except public administration	0	0	0	43	53	54	54	0	-100
Government and government enterprises	81	82	84	92	85	80	80	85	6.2
Total	439	502	510	525	505	508	496	489	-1.4



Table II.57.24, shows the real average earnings per job by industry for Logan County. These figures are calculated by dividing the Total Real Earning displayed in Table II.57.22 and Table II.57.23, by Industry. In 2016, the government and government enterprises industry had the highest average earnings reaching 46,576 dollars. Between 2015 and 2016 the government and government enterprises industry saw the largest percentage increase, rising by 0.3 percent to 46,576 dollars.

Table II.57.24
Real Earnings Per Job by Industry
Logan County
BEA Table CA5N and CA25 Data

NAICS Categories	2001	2010	2011	2012	2013	2014	2015	2016	% Change 15-16
Farm earnings	33,267	40,855	108,905	77,121	78,006	86,204	60,227	39,816	-33.9
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	0	0	0	0	34,539	23,491	0	33,000	0
Transportation and warehousing	45,243	57,433	65,414	60,022	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	4,263	0
Real estate and rental and leasing	0	0	0	3,972	14,768	11,858	19,883	19,235	-3.3
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	27,584	23,639	21,682	10,133	-53.3
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	27,515	22,402	19,969	20,057	0	0
Government and government enterprises	31,246	42,521	43,060	42,322	41,930	43,408	46,454	46,576	0.3
Total	34,373	35,156	56,744	44,729	44,676	50,068	49,447	44,609	-9.8

Table II.57.25 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 \$36,785,000 a -5.8 percent change between 2015 and 2016. The Table shows further annual data for the years 1969 through 2016. In 2010, total employment was 502 and 489 in 2016, which was a percentage change of -1.4 over this period.



Table II.57.25
Total Employment and Real Personal Income
 Logan 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	10,268	433	798	3,872	1,565	16,071	16,298	477	21,524
1970	10,993	435	871	4,085	1,815	17,329	17,471	438	25,098
1971	12,235	438	871	4,120	1,941	18,729	18,291	466	26,252
1972	10,821	442	901	4,583	1,865	17,729	17,675	474	22,829
1973	13,402	745	-220	5,133	2,146	19,716	19,408	496	27,021
1974	8,975	540	1,079	4,973	2,213	16,700	16,324	490	18,315
1975	9,538	558	995	5,505	2,743	18,223	17,708	484	19,705
1976	9,754	610	1,489	5,517	2,917	19,067	18,424	489	19,946
1977	10,704	637	1,992	5,959	2,912	20,929	20,029	494	21,668
1978	11,713	682	2,158	6,082	3,044	22,315	22,092	492	23,809
1979	9,932	720	2,023	6,321	2,976	20,531	20,490	483	20,561
1980	11,775	678	1,944	7,074	3,453	23,569	24,073	494	23,837
1981	14,660	664	1,681	7,772	3,367	26,817	27,876	483	30,351
1982	11,347	644	1,434	8,116	3,415	23,668	24,375	462	24,561
1983	9,971	618	1,357	7,557	3,498	21,764	22,276	471	21,169
1984	11,167	679	1,350	7,064	3,277	22,180	22,889	485	23,026
1985	10,029	707	1,320	6,452	3,382	20,477	21,532	493	20,343
1986	9,408	740	1,321	6,174	3,437	19,599	21,303	507	18,557
1987	10,508	804	1,316	6,043	3,423	20,486	22,414	546	19,246
1988	12,717	886	1,223	5,823	3,506	22,382	24,408	526	24,177
1989	11,357	926	1,220	6,391	3,223	21,265	23,654	512	22,181
1990	12,737	941	1,147	6,183	3,074	22,200	25,459	498	25,576
1991	11,334	785	1,698	5,644	3,187	21,077	24,681	447	25,356
1992	9,512	760	1,892	5,180	3,410	19,234	23,035	458	20,769
1993	12,471	802	2,016	5,059	3,367	22,112	25,922	441	28,279
1994	8,472	831	2,305	5,123	3,581	18,650	22,176	439	19,298
1995	10,951	817	2,536	5,632	3,721	22,024	27,359	442	24,777
1996	10,713	831	2,788	5,942	3,878	22,491	27,562	445	24,076
1997	11,646	810	3,044	5,806	3,990	23,676	29,266	432	26,957
1998	11,217	796	3,560	5,832	4,295	24,108	30,790	445	25,206
1999	10,523	830	3,866	5,624	4,766	23,949	30,625	454	23,179
2000	8,548	784	4,036	6,179	4,330	22,309	28,861	456	18,745
2001	15,090	1,034	4,205	6,275	4,800	29,336	37,610	439	34,373
2002	12,242	1,020	3,967	5,370	4,930	25,489	33,363	442	27,698
2003	16,329	985	4,248	5,377	4,686	29,654	40,236	436	37,452
2004	14,787	958	4,164	4,488	5,243	27,724	37,567	447	33,080
2005	14,855	940	3,904	3,826	5,378	27,022	36,174	450	33,011
2006	10,944	1,097	4,150	3,557	5,597	23,151	30,623	470	23,285
2007	13,941	1,249	4,594	4,074	5,744	27,103	36,090	486	28,684
2008	15,807	1,308	4,520	4,853	6,277	30,149	41,300	497	31,805
2009	13,857	1,305	4,403	3,874	6,357	27,186	36,837	512	27,065
2010	17,648	1,290	3,853	4,197	5,717	30,126	39,124	502	35,156
2011	28,940	1,169	3,701	4,369	6,058	41,899	54,414	510	56,744
2012	23,483	1,158	4,000	3,960	5,861	36,146	46,700	525	44,729
2013	22,561	1,239	4,597	4,085	6,219	36,223	47,475	505	44,675
2014	25,435	1,295	5,231	4,365	6,471	40,206	53,536	508	50,069
2015	24,526	1,378	4,773	4,529	6,594	39,044	50,314	496	49,447
2016	21,814	1,402	5,172	4,578	6,623	36,785	47,649	489	44,609



Diagram II.57.4, shows real average earnings per job for Logan County from 1990 to 2016. Over this period the average earning per job for Logan County was 32,004 dollars, which was lower than the statewide average of 46,130 dollars over the same period.

Diagram II.57.4
Real Average Earnings Per Job
 Logan County
 BEA Data 1990 - 2016

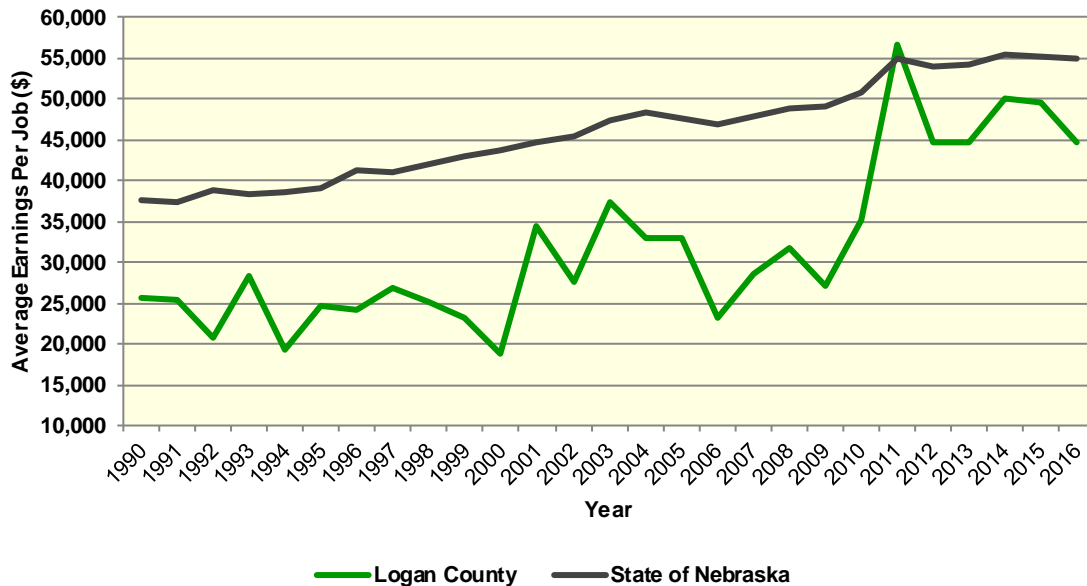
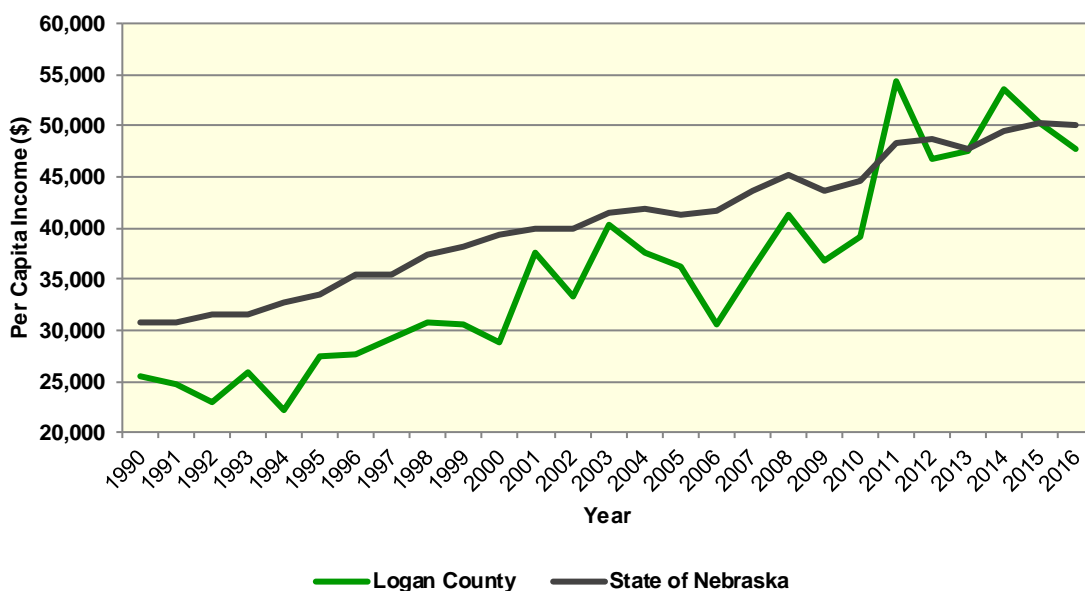


Diagram II.57.5, shows real per capita income in Logan County from 1990 to 2016, which is calculated by dividing total personal income from all sources by population. Per capita income is a broader measure of wealth than real average earnings per job, which only captures the working population. Over this period the real per capita income for Logan County was 35,731 dollars, which was lower than the statewide average of 40,548 dollars over the same period.

Diagram II.57.5
Real Per Capita Income
 Logan 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.57.26 with the 2016 information considered preliminary. Between 2015 and 2016, total annual employment decreased from 191 persons in 2015 to 187 in 2016, a change of -2 percent.

Table II.57.26
Total Monthly Employment
 Logan County
 BLS QCEW Data, 2001–2016(p)

Period	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Jan	150	178	175	187	198	196	204	201	196	198	183
Feb	156	179	182	188	199	200	205	197	198	194	179
Mar	159	175	180	191	212	207	207	196	198	197	181
Apr	169	182	194	203	210	201	215	200	194	196	185
May	177	193	195	205	215	200	202	201	194	204	183
Jun	176	188	188	201	195	190	205	189	198	201	184
Jul	158	182	179	186	190	180	178	186	182	187	193
Aug	156	186	175	188	182	183	176	180	181	180	187
Sep	172	184	192	209	204	199	194	195	207	181	188
Oct	174	192	195	207	213	196	203	201	202	181	195
Nov	179	200	198	207	214	201	197	198	201	183	193
Dec	177	193	210	212	214	204	202	195	201	192	193
Annual	167	186	189	199	204	196	199	195	196	191	187
% Change	15%	11%	2%	5%	3%	-4%	2%	-2%	1%	-3%	-2%

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 \$549 in 2015. In 2016, average weekly wages saw a increase of 5 percent over the prior year, rising to 578 dollars, or by 29 dollars. These data are shown in Table II.57.27.

Table II.57.27						
Average Weekly Wages						
Logan County						
BLS QCEW Data, 2001–2016(p)						
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual	% Change
2001	292	310	325	350	319	
2002	316	332	344	377	342	7%
2003	353	363	396	388	375	10%
2004	376	363	410	421	392	5%
2005	388	397	443	430	414	6%
2006	393	379	413	456	411	-1%
2007	406	414	440	486	437	6%
2008	442	433	438	454	442	1%
2009	418	434	447	477	445	1%
2010	427	463	482	516	473	6%
2011	427	484	478	559	487	3%
2012	471	514	499	499	496	2%
2013	460	523	507	562	513	3%
2014	473	532	508	552	517	1%
2015	511	558	551	577	549	6%
2016(p)	552	566	573	619	578	5%

Total business establishments reported by the QCEW are displayed in Table II.57.28. Between 2015 and 2016, the total number of business establishments in Logan County from 42 to 40 establishments.

Table II.57.28						
Number of Business Establishments						
Logan County						
BLS QCEW Data, 2001–2016(p)						
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual	% Change
2001	32	34	33	32	33	
2002	33	34	35	34	34	3%
2003	33	35	36	35	35	3%
2004	34	37	36	33	35	(ND)%
2005	31	31	32	33	32	-9%
2006	34	35	35	35	35	9%
2007	35	37	37	35	36	3%
2008	36	36	35	36	36	(ND)%
2009	38	37	36	36	37	3%
2010	36	36	36	36	36	-3%
2011	36	36	35	37	36	(ND)%
2012	40	39	38	37	39	8%
2013	41	42	42	43	42	8%
2014	43	42	40	40	41	-2%
2015	42	43	42	39	42	2%
2016	38	39	40	42	40	-5%



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 decreased by 15.9 percent between 2010 and 2016. Returns from taxpayers with AGIs of \$35,001 to \$50,000 decreased by 29.2 percent over the period. On the other hand, by 2016 there were 34 returns for AGIs of \$100,000 or more. Table II.57.29 presents AGI distribution for the years 1991 through 2016.

Table II.57.29 Income Tax Returns by Adjusted Gross Income Logan 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 ³⁸
1991	141	50	70	55	21	0	0	0	0	386
1992	150	43	78	52	42	0	0	0	0	400
1993	163	38	69	55	31	12	0	0	0	404
1994	166	35	66	59	32	0	0	0	0	394
1995	154	37	60	48	41	11	0	0	0	380
1996	145	34	56	50	46	0	0	0	0	363
1997	139	29	66	57	48	0	0	0	0	386
1998	151	34	60	48	47	0	0	0	0	390
1999	125	26	55	56	49	0	0	0	0	361
2000	132	26	51	48	59	24	0	0	0	375
2001	136	23	61	38	59	28	0	0	0	382
2002	124	31	56	37	53	21	0	0	0	356
2003	128	29	47	52	51	23	0	0	0	362
2004	116	33	49	52	46	29	0	0	0	366
2005	95	26	45	54	40	0	0	12	0	335
2006	72	33	62	54	51	0	0	15	0	358
2007	77	32	59	44	56	0	0	16	0	351
2008	82	32	52	41	50	32	12	17	0	344
2009	83	35	46	44	50	35	0	15	0	347
2010	82	20	37	30	65	0	0	18	0	335
2011	62	27	47	34	52	59	11	22	0	338
2012	69	21	46	45	50	38	23	29	0	357
2013	64	23	42	45	50	23	0	32	0	337
2014	54	27	36	44	42	56	21	36	0	340
2015	65	21	40	38	46	24	37	40	0	345
2016	69	21	39	39	46	58	0	34	0	348

³⁸ 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 decreased from 96 in 2010 to 79 in 2016, with the poverty rate reaching 10.3 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.57.30 presents poverty data for the county.

Year	Persons in Poverty	Poverty Rate
2000	89	11.6%
2001	86	11.4%
2002	77	10.8%
2003	72	10.1%
2004	54	7.3%
2005	65	8.8%
2006	83	11.1%
2007	79	10.6%
2008	77	10.5%
2009	96	13.2%
2010	96	12.5%
2011	92	12.2%
2012	85	11.2%
2013	80	10.6%
2014	70	9.4%
2015	69	8.9%
2016	79	10.3%

The rate of poverty for Logan County is shown in Table II.57.31. In 2016, there were an estimated 95 persons living in poverty. This represented a 11.8 percent poverty rate, compared to 10.5 percent poverty in 2000. In 2016, some 21.1 percent of those in poverty were under age 6, and 9.5 percent were 65 or older.

Age	2000 Census		2016 Five-Year ACS	
	Persons in Poverty	% of Total	Persons in Poverty	% of Total
Under 6	7	8.6%	20	21.1%
6 to 17	21	25.9%	14	14.7%
18 to 64	40	49.4%	52	54.7%
65 or Older	13	16%	9	9.5%
Total	81	100.0%	95	100.0%
Poverty Rate	10.5%	.	11.8%	.

HOUSING

The Census Bureau estimates that the total number of housing units increased by 0 percent in Logan County between 2010 and 2016, from 395 to 395. This compared to an estimated 3.8 percent increase statewide, as shown in Table II.57.32.

Subject	Nebraska	% Growth Since Census	Logan County	% Growth Since Census
2000 Census Base	722,656	.	386	.
2010 Census	796,793	10.3	395	2.3
July 2011 Estimate	801,068	0.5	395	0
July 2012 Estimate	804,586	1	395	0
July 2013 Estimate	809,062	1.5	395	0
July 2014 Estimate	814,835	2.3	395	0
July 2015 Estimate	820,725	3	395	0
July 2016 Estimate	827,156	3.8	395	0

Housing Characteristics

Housing types by unit are shown in Table II.57.33. In 2016, there were



421 housing units, up from 386 in 2000. Single-family units accounted for 89.1 percent of units in 2016, compared to 91.7 in 2000. Apartment units accounted for 0 percent in 2016, compared to 0 percent in 2000.

Table II.57.33				
Housing Units by Type				
Logan 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	354	91.7%	375	89.1%
Duplex	5	1.3%	2	0.5%
Tri- or Four-Plex	0	0%	2	0.5%
Apartment	0	0%	0	0%
Mobile Home	27	7%	40	9.5%
Boat, RV, Van, Etc.	0	0%	2	0.5%
Total	386	100.0%	421	100.0%

Some 82.3 percent of housing was occupied in 2010, compared to 81.9 percent in 2000. Owner-occupied housing changed 6.2 percent between 2000 and 2010, ending with owner-occupied units representing 73.8 percent of units. Vacant units changed by 0 percent, resulting in 70 vacant units in 2010.

Table II.57.34					
Housing Units by Tenure					
Logan County					
2000 & 2010 Census SF1 Data					
Tenure	2000 Census		2010 Census		% Change 00-10
	Units	% of Total	Units	% of Total	
Occupied Housing Units	316	81.9%	325	82.3%	2.8%
Owner-Occupied	226	71.5%	240	73.8%	6.2%
Renter-Occupied	90	28.5%	85	26.2%	-5.6%
Vacant Housing Units	70	18.1%	70	17.7%	0%
Total Housing Units	386	100.0%	395	100.0%	2.3%

Table II.57.35 shows housing units by tenure from 2010 to 2016. By 2016, there were 421 housing units. An estimated 67.3 percent were owner-occupied, and 16.4 percent were vacant.

Table II.57.35				
Housing Units by Tenure				
Logan County				
2010 Census & 2016 Five-Year ACS Data				
Tenure	2010 Census		2016 Five-Year ACS	
	Units	% of Total	Units	% of Total
Occupied Housing Units	325	82.3%	352	83.6%
Owner-Occupied	240	73.8%	237	67.3%
Renter-Occupied	85	26.2%	115	32.7%
Vacant Housing Units	70	17.7%	69	16.4%
Total Housing Units	395	100.0%	421	100.0%

Households by household size are shown in Table II.57.36. There were a total of 325 households in 2010, up from 316 in 2000. One person households changed by 12.7 percent between 2000 and 2010, while two person households changed by 6.2 percent. Three and four person

households changed by -5.3 and -18.2 respectively, representing 11.1 percent and 11.1 percent of the population in 2010.

Table II.57.36					
Households by Household Size					
Logan County					
2000 & 2010 Census SF1 Data					
Size	2000 Census		2010 Census		% Change 00-10
	Households	% of Total	Households	% of Total	
One Person	79	25%	89	27.4%	12.7%
Two Persons	129	40.8%	137	42.2%	6.2%
Three Persons	38	12%	36	11.1%	-5.3%
Four Persons	44	13.9%	36	11.1%	-18.2%
Five Persons	14	4.4%	16	4.9%	14.3%
Six Persons	9	2.8%	9	2.8%	0%
Seven Persons or More	3	0.9%	2	0.6%	-33.3%
Total	316	100.0%	325	100.0%	2.8%

Households by income is shown in Table II.57.37. Households earning more than \$100,000 per year represented 13.9 percent of households in 2016, compared to 3.8 percent in 2000. Households earning between \$50,000 and \$74,999 represented 25 percent of households in 2016, compared to 12.1 percent in 2000. Meanwhile, households earning less than \$15,000 accounted for 12.5 percent of households in 2016, compared to 12.7 percent in 2000.

Table II.57.37				
Households by Income				
Logan 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	40	12.7%	44	12.5%
\$15,000 to \$19,999	30	9.5%	7	2%
\$20,000 to \$24,999	35	11.1%	30	8.5%
\$25,000 to \$34,999	66	21%	41	11.6%
\$35,000 to \$49,999	85	27%	47	13.4%
\$50,000 to \$74,999	38	12.1%	88	25%
\$75,000 to \$99,999	9	2.9%	46	13.1%
\$100,000 or More	12	3.8%	49	13.9%
Total	315	100.0%	352	100.0%

Table II.57.38 shows households by year home built. Housing units built between 2000 and 2009, account for 8.5 percent and those built in 2010 or later accounted for 2 percent of households. Households built in the 1970's, 1980's, and 1990's account for 19.3 percent, 5.4 percent, and 7.1, respectively. Housing units built prior to 1939 represented 29 percent of households in 2016.

Table II.57.38				
Households by Year Home Built				
Logan 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	110	34.8%	102	29%
1940 to 1949	24	7.6%	21	6%
1950 to 1959	56	17.7%	29	8.2%
1960 to 1969	38	12%	51	14.5%
1970 to 1979	47	14.9%	68	19.3%
1980 to 1989	9	2.8%	19	5.4%
1990 to 1999	32	10.1%	25	7.1%
2000 to 2009	.	.	30	8.5%
2010 or Later	.	.	7	2%
Total	316	100.0%	352	100.0%

The distribution of unit types by race are shown in Table II.57.39. An estimated 91.7 percent of white households occupy single-family homes, while 100 percent of black households do. Some 0 percent of white households occupy apartments, while 0 percent of black households do.

Table II.57.39							
Distribution of Units in Structure by Race							
Logan County							
2016 Five-Year ACS Data							
Unit Type	White	Black	American Indian	Asian	Native Hawaiian/Pacific Islanders	Other	Two or More Races
Single-Family	91.7%	100%	0%	%	%	0%	100%
Duplex	0.6%	0%	0%	%	%	0%	0%
Tri- or Four-Plex	0%	0%	100%	%	%	0%	0%
Apartment	0%	0%	0%	%	%	0%	0%
Mobile Home	7.7%	0%	0%	%	%	0%	0%
Boat, RV, Van, Etc.	0%	0%	0%	%	%	100%	0%
Total	100.0%	100.0%	100.0%	%	%	100.0%	100.0%

The disposition of vacant housing units in 2000 and 2010 are shown in Table II.57.40. An estimated 2.9 percent of vacant units were for rent in 2010, a -50 percent change since 2000. In addition, some 4.3 percent of vacant units were for sale, a change of -75 percent between 2000 and 2010. "Other" vacant units represented 72.9 percent of vacant units in 2010. This is a change of 13.3 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.57.40					
Disposition of Vacant Housing Units					
Logan County					
2000 & 2010 Census SF1 Data					
Disposition	2000 Census		2010 Census		% Change 00-10
	Units	% of Total	Units	% of Total	
For Rent	4	5.7%	2	2.9%	-50%
For Sale	12	17.1%	3	4.3%	-75%
Rented or Sold, Not Occupied	2	2.9%	1	1.4%	-50%
For Seasonal, Recreational, or Occasional Use	7	10%	12	17.1%	71.4%
For Migrant Workers	0	0%	1	1.4%	%
Other Vacant	45	64.3%	51	72.9%	13.3%
Total	70	100.0%	70	100.0%	0%

The disposition of vacant units between 2010 and 2016 are shown in Table II.57.41. By 2016, for rent units accounted for 14.5 percent of vacant units, while for sale units accounted for 5.8 percent. "Other" vacant units accounted for 60.9 percent of vacant units, representing a total of 42 "other" vacant units.

Table II.57.41				
Disposition of Vacant Housing Units				
Logan County				
2010 Census & 2016 Five-Year ACS Data				
Disposition	2010 Census		2016 Five-Year ACS	
	Units	% of Total	Units	% of Total
For Rent	2	2.9%	10	14.5%
For Sale	3	4.3%	4	5.8%
Rented Not Occupied	0	0%	0	0%
Sold Not Occupied	1	1.4%	5	7.2%
For Seasonal, Recreational, or Occasional Use	12	17.1%	8	11.6%
For Migrant Workers	1	1.4%	0	0%
Other Vacant	51	72.9%	42	60.9%
Total	70	100.0%	69	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 130 property transactions in Logan County. Of these, 122 were for single-family homes during this 19-year period, as shown in Table II.57.42.

Table II.57.42						
Residential Property Transactions						
Logan County						
Fiscal Years 1999–2017 PAD Data						
Year	Single-Family	Mobile Home	Duplex	Townhome	Missing	Total
1999	9	0	0	0	0	9
2000	11	0	0	0	2	13
2001	7	0	0	0	0	7
2002	8	0	0	0	0	8
2003	7	0	0	0	1	8
2004	6	0	0	0	0	6
2005	11	0	0	0	0	11
2006	4	1	0	0	1	6
2007	7	0	0	0	0	7
2008	4	0	0	0	0	4
2009	10	0	0	0	0	10
2010	6	0	0	0	0	6
2011	1	0	0	0	0	1
2012	2	0	0	0	0	2
2013	8	0	0	0	0	8
2014	4	0	0	0	0	4
2015	6	0	0	0	0	6
2016	5	1	0	0	0	6
2017	6	2	0	0	0	8
Total	122	4	0	0	4	130

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 64 single-family home property transactions for units built before 1930, 4.7 percent of units were of low quality and 89.1 percent were of fair quality. Conversely, of the 4 homes built from 2001 through 2010, 50 percent of units were of low quality and 50 percent of fair quality. Table II.57.43 provides details on the quality of these single-family residential dwellings by vintage of construction.

Table II.57.43										
Single-Family Homes by Year Built and Quality of Materials and Workmanship										
Logan 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	3	0	0	3	2	0	2	0	0	10
Fair	57	11	3	18	4	0	2	0	2	97
Average	1	1	3	0	2	0	0	0	0	7
Good	0	0	1	0	0	0	0	0	0	1
Very Good	3	2	2	0	0	0	0	0	0	7
Excellent	0	0	0	0	0	0	0	0	0	0
Missing	0	0	0	0	0	0	0	0	0	0
Total	64	14	9	21	8	0	4	0	2	122

In regard to the current condition of residential dwellings, of the same 64 single-family homes built before 1930, 1.6 percent of the homes were worn out or badly worn, and 50 percent were in average condition. Table II.57.44 provides details about the condition of single-family residential dwellings by year built.



Table II.57.44
Single-Family Homes by Year Built and Condition

Logan 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	0	0	0	0	0	0	0	0	0	0
Badly Worn	1	0	0	0	0	0	0	0	0	1
Average	32	7	8	17	8	0	3	0	2	77
Good	23	6	0	3	0	0	1	0	0	33
Very Good	8	1	1	1	0	0	0	0	0	11
Excellent	0	0	0	0	0	0	0	0	0	0
Missing	0	0	0	0	0	0	0	0	0	0
Total	64	14	9	21	8	0	4	0	2	122

Housing Costs

Between 2010 and 2017, the average price of an existing single-family home changed from \$54,917 to \$76,958, a total increase of 40.1 percent, as shown in Table II.57.45.

Single-family home prices from the PAD database also indicated a general increase in average home prices and average floor area for newer homes. The average home price for single-family homes in Logan County ranged from \$42,403 for homes built before 1930 to \$120,000 for homes built from 2001 to 2010.³⁹ Homes built from 2001 through 2010 were also larger, averaging 1,814 square feet per unit. Table II.57.46, provides additional details about single-family homes.

Table II.57.45
Average Sales Price of Single-Family Homes

Logan County
Fiscal Years 1999–2017 PAD Data

Fiscal Year	Average Sales Price (\$)
1999	31,983
2000	44,991
2001	66,914
2002	44,399
2003	41,464
2004	46,333
2005	57,800
2006	44,475
2007	61,057
2008	80,000
2009	73,800
2010	54,917
2011	40,000
2012	24,750
2013	82,875
2014	51,250
2015	59,236
2016	61,900
2017	76,958
Average	56,454

Table II.57.46
Single-Family Homes by Year Built, Average Sales Price, Average Floor Area, and Price Per Square Foot

Logan County
Fiscal Years 1999–2017 PAD Data

Year Built	Average Sales Price (\$)	Average Floor Area (Sq. Ft.)	Price per Sq. Ft. ⁴⁰ (\$)
Before 1930	42,403	1,180	35.92
1931-1960	61,750	1,135	54.41
1961-1970	76,022	1,481	51.33
1971-1980	64,590	1,194	54.07
1981-1990	93,125	1,536	60.63
1991-2000	0	0	0
2001-2010	120,000	1,814	66.14
2011-2017	0	0	0
Average	56,454	1,237	45.62

³⁹ 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.

⁴⁰ Price per sq. ft. may not compute precisely due to rounding-off of sales price and floor area.



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.57.47. In 2016, an estimated 3.1 percent of households were overcrowded.

Table II.57.47 Overcrowding and Severe Overcrowding Logan 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	223	98.7%	3	1.3%	0	0%	226
2016 Five-Year ACS	231	97.5%	6	2.5%	0	0%	237
Renter							
2000 Census	86	95.6%	4	4.4%	0	0%	90
2016 Five-Year ACS	110	95.7%	5	4.3%	0	0%	352
Total							
2000 Census	309	97.8%	7	2.2%	0	0%	316
2016 Five-Year ACS	341	96.9%	11	3.1%	0	0%	352

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 2 households with incomplete plumbing facilities in 2016, representing 0.6 percent of households in Logan County. This is compared to 0 percent of households lacking complete plumbing facilities in 2000.

Table II.57.48 Households with Incomplete Plumbing Facilities Logan County 2000 Census SF3 & 2016 Five-Year ACS Data		
Households	2000 Census	2016 Five-Year ACS
With Complete Plumbing Facilities	316	350
Lacking Complete Plumbing Facilities	0	2
Total Households	316	352
Percent Lacking	0%	0.6%

There were 2 households lacking complete kitchen facilities in 2016, compared to 0 households in 2000. This was a change from 0 percent of households in 2000 to 0.6 percent in 2016.



Table II.57.49 Households with Incomplete Kitchen Facilities Logan County 2000 Census SF3 & 2016 Five-Year ACS Data		
Households	2000 Census	2016 Five-Year ACS
With Complete Kitchen Facilities	316	350
Lacking Complete Kitchen Facilities	0	2
Total Households	316	352
Percent Lacking	0%	0.6%

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 Logan County, 10.8 percent of households had a cost burden and 12.5 percent had a severe cost burden. Some 11.3 percent of renters were cost burdened, and 6.1 percent were severely cost burdened. Owner-occupied households without a mortgage had a cost burden rate of 11.1 percent and a severe cost burden rate of 1.9 percent. Owner occupied households with a mortgage had a cost burden rate of 10.1 percent, and severe cost burden at 27.1 percent.

Table II.57.50 Cost Burden and Severe Cost Burden by Tenure Logan 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	34	68%	8	16%	8	16%	0	0%	50
2016 Five-Year ACS	78	60.5%	13	10.1%	35	27.1%	3	2.3%	129
Owner Without a Mortgage									
2000 Census	57	91.9%	0	0%	2	3.2%	3	4.8%	62
2016 Five-Year ACS	94	87%	12	11.1%	2	1.9%	0	0%	108
Renter									
2000 Census	31	45.6%	0	0%	3	4.4%	34	50%	68
2016 Five-Year ACS	40	34.8%	13	11.3%	7	6.1%	55	47.8%	115
Total									
2000 Census	122	67.8%	8	4.4%	13	7.2%	37	20.6%	180
2016 Five-Year ACS	212	60.2%	38	10.8%	44	12.5%	58	16.5%	352



Housing Problems by Income

Table II.57.51, shows the HUD calculated Median Family Income (MFI) for a family of four for Logan County. As can be seen in 2017 the MFI was \$58,000, which compared to \$68,200 for the State of Nebraska.

Table II.57.52 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 4 renter-occupied households with a cost burden of greater than 30 percent and less than 50 percent. An additional 35 owner-occupied and 10 renter-occupied households had a cost burden greater than 50 percent of income. Overall there are 247 households without a housing problem.

Table II.57.51 Median Family Income Logan County 2000–2017 HUD MFI		
Year	MFI	State of Nebraska MFI
2000	33,200	50,400
2001	33,200	53,400
2002	33,300	55,100
2003	40,800	55,400
2004	42,000	56,300
2005	45,450	57,400
2006	47,500	59,400
2007	46,800	58,200
2008	47,700	59,800
2009	49,600	62,000
2010	50,100	62,600
2011	51,900	63,500
2012	52,600	64,400
2013	50,300	64,600
2014	52,000	66,000
2015	51,200	66,800
2016	54,200	66,500
2017	58,000	68,200

Table II.57.52
Housing Problems by Income and Tenure
 Logan 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	0	4	0	4
Housing cost burden greater than 50% of income (and none of the above problems)	20	15	0	0	0	35
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)	4	0	0	0	0	4
has none of the 4 housing problems	0	4	25	25	115	169
Total	28	23	29	33	119	232
Renter-Occupied						
Lacking complete plumbing or kitchen facilities	4	0	0	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	4	4	8
Housing cost burden greater than 50% of income (and none of the above problems)	10	0	0	0	0	10
Housing cost burden greater than 30% but less than 50% of income (and none of the above problems)	0	4	0	0	0	4
Zero/negative income (and none of the above problems)	0	0	0	0	0	0
has none of the 4 housing problems	4	4	35	20	15	78
Total	18	8	35	24	19	104
Total						
Lacking complete plumbing or kitchen facilities	4	0	0	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	8	4	12
Housing cost burden greater than 50% of income (and none of the above problems)	30	15	0	0	0	45
Housing cost burden greater than 30% but less than 50% of income (and none of the above problems)	4	8	4	4	4	24
Zero/negative income (and none of the above problems)	4	0	0	0	0	4
has none of the 4 housing problems	4	8	60	45	130	247
Total	46	31	64	57	138	336

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.57.53, of the 4 loans in 2016, 2 loans were for Home Purchases, 0 were for Home Improvement and 2 were for refinancing.

Table II.57.53 Owner-Occupied Single-Family Home Loans by Loan Type Logan County 2008 – 2016 HMDA Data				
Year	Home Purchase	Home Improvement	Refinancing	Total
2008	5	0	1	6
2009	3	1	5	9
2010	4	2	3	9
2011	2	0	3	5
2012	1	1	2	4
2013	0	0	2	2
2014	1	1	1	3
2015	2	1	1	4
2016	2	0	2	4

Table II.57.54 shows the average loan value by loan type. In 2008, average home purchase loans was \$55,600 and \$29,000 in 2012 and \$95,000 in 2016. Overall, average loans were \$54,333 in 2008 and \$123,750 in 2016.

Table II.57.54 Owner-Occupied Single-Family Home Loans by Average Loan Amount Logan County 2008 – 2016 HMDA Data				
Year	Home Purchase	Home Improvement	Refinancing	Total
2008	\$55,600	\$	\$48,000	\$54,333
2009	\$81,667	\$5,000	\$91,000	\$78,333
2010	\$55,750	\$45,500	\$76,000	\$60,222
2011	\$108,000	\$	\$959,333	\$618,800
2012	\$29,000	\$68,000	\$92,000	\$70,250
2013	\$	\$	\$82,000	\$82,000
2014	\$61,000	\$14,000	\$136,000	\$70,333
2015	\$34,500	\$10,000	\$130,000	\$52,250
2016	\$95,000	\$	\$152,500	\$123,750

Table II.57.55 shows the total volume of owner-occupied single-family loans. In 2008, average home purchase loans was \$278,000 and \$29,000 in 2012 and \$190,000 in 2016. Overall, average loans were \$326,000 in 2008 and \$495,000 in 2016.

Table II.57.55 Total Volume of Owner-Occupied Single-Family Loans Logan County 2008 – 2016 HMDA Data				
Year	Home Purchase	Home Improvement	Refinancing	Total
2008	278,000		48,000	326,000
2009	245,000	5,000	455,000	705,000
2010	223,000	91,000	228,000	542,000
2011	216,000		2,878,000	3,094,000
2012	29,000	68,000	184,000	281,000
2013			164,000	164,000
2014	61,000	14,000	136,000	211,000
2015	69,000	10,000	130,000	209,000
2016	190,000		305,000	495,000

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.57.56 presents some basic statistics about the completed surveys from this and other surveys conducted from 2002 through 2017 in Logan County. The number of completed surveys from in 2016 to 1 in 2017. Between 2016 and 2017 the vacancy rate for units by percentage points and was at 0 percent in 2017.

Table II.57.56 Survey of Rental Properties Logan 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	0	0	0	0
2005	0	0		
2006				
2007	1	3	0	45
2008				0
2009	1	2	0	90
2010	1	2	0	
2011	1	2	50	120
2012	1	2	50	120
2013	1	2	0	
2014	1	2	0	
2015	1	2	0	
2016				
2017	1	2	0	

Table II.57.57 shows the amount of total and vacant units with their associated vacancy rates. At the time of the survey, the single-family vacancy rate of 3.9 percent for the State of Nebraska. The statewide vacancy rate was 4.1 percent for apartment units across the state.

The average vacancy rate for all unit types in Logan County over the last five years was 10 percent.

Table II.57.57 Rental Vacancy Survey by Type Logan County 2017 Survey of Rental Properties				
Place	Total Units	Vacant Units	Vacancy Rate	5-Year Vacancy Rate Average
Single-Family	0	0	%	%
Apartments	2	0	0%	10%
Mobile Homes	0	0	%	%
"Other" Units	0	0	0%	.
Don't Know	0	0	%	%
Total	2	0	0%	10%

Table II.57.58, reports units by number of bedrooms. The most common apartment units were two bedroom units, with 2 units.

Table II.57.58 Rental Units by Number of Bedrooms Logan County 2017 Survey of Rental Properties						
Number of Bedrooms	Single-Family Units	Apartment Units	Mobile Homes	"Other" Units	Don't Know	Total
Efficiency	0	0	0	0	.	0
One	0	0	0	0	.	0
Two	0	2	0	0	.	2
Three	0	0	0	0	.	0
Four	0	0	0	0	.	0
Don't Know	0	0	0	0	0	0
Total	0	2	0	0	0	2

Table II.57.59 displays the vacancy rate of apartment units by the number of bedrooms. The most common apartment units were two bedroom units, which had a vacancy rate of 0 percent.

Table II.57.59 Apartment Units by Number of Bedrooms Logan County 2017 Survey of Rental Properties			
Number of Bedrooms	Units	Available Units	Vacancy Rates
Efficiency	0	0	%
One	0	0	%
Two	2	0	0%
Three	0	0	%
Four	0	0	%
Don't know	0	0	%
Total	2	0	0%



Average market-rate rents by unit type are shown in Table II.57.60. Not all respondents were able to disclose the rental amounts for their units, so there may be some statistical aberrations in the computed rental rates, but generally those units with more bedrooms have higher rents.

Table II.57.60 Average Market Rate Rents by Number of Bedrooms Logan County 2017 Survey of Rental Properties					
Number of Bedrooms	Single-Family Units	Apartment Units	Mobile Homes	“Other” Units	Total
Efficiency	\$	\$	\$	\$	\$
One	\$	\$	\$	\$	\$
Two	\$	\$400	\$	\$	\$400
Three	\$	\$	\$	\$	\$
Four	\$	\$	\$	\$	\$
Don't know	\$	\$	\$	\$	\$
Total	\$	\$400	\$	\$	\$400

The average rent and availability of apartment units is displayed in Table II.57.61. The most common rent for apartments was less than \$500 dollars and the units in this price range had a vacancy rate of 0 percent.

Table II.57.61 Apartment Market Rate Rents by Vacancy Status Logan County 2017 Survey of Rental Properties			
Average Rents	Apartment Units	Available Apartment Units	Vacancy Rate
Less Than \$500	2	0	0%
\$500 to \$750	0	0	%
\$750 to \$1,000	0	0	%
\$1,000 to \$1,250	0	0	%
\$1,250 to \$1,500	0	0	%
Above \$1,500	0	0	%
Missing	0	0	%
Total	2	0	0%

Respondents were asked if utilities are included in the rent and, as shown in Table II.57.62.

Table II.57.62 Are there any utilities included with the rent? Logan County 2017 Survey of Rental Properties	
Period	Respondent
Yes	
No	1
% Offering Utilities	0%



The type of utility included in the rent is shown in Table II.57.63. There were no respondents who included electricity, natural gas, water and sewer, or trash collection in the rent.

Table II.57.63 Which utilities are included with the rent? Logan County 2017 Survey of Rental Properties	
Type of Utility Provided	Respondent
Electricity	0
Natural Gas	0
Water/Sewer	0
Trash Collection	0

Table II.57.64 shows the number of survey respondents who keep a waiting list.

Table II.57.64 Do you keep a waiting list? Logan County 2017 Survey of Rental Properties	
Period	Respondent
Yes	
No	1
Waitlist Size	

Respondents were also asked how they would rate the need for renovating existing units. As shown in Table II.57.65 most respondents indicated there was no need for the renovation of existing family units and no need for the renovation of existing apartment units.

Table II.57.65 How would you rate the need for renovation of existing units in the city? Logan County 2017 Survey of Rental Properties				
Need	Single-Family	Apartments	Mobile Homes	Other Units
No Need	0	0		
Low Need	0	0		
Moderate Need	0	0		
High Need	0	0		
Extreme Need	0	0		

Respondents were also asked how they would rate the need for the constructing new units. As shown in Table II.57.66 most respondents indicated there was no need for the construction of new family units and no need for the construction of new apartment units.

Table II.57.66 How would you rate the need for construction of new units in the city? Logan County 2017 Survey of Rental Properties				
Need	Single-Family	Apartments	Mobile Homes	Other Units
No Need	0	0		
Low Need	0	0		
Moderate Need	0	0		
High Need	0	0		
Extreme Need	0	0		



