

**VOLUME II:
BUTLER COUNTY**

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Butler County

DEMOGRAPHICS

Population Estimates

The Census Bureau's current census estimates indicate that Butler County's population decreased from 14,867 in 2010 to 14,791 in 2016, or by 0.5 percent. This compares to a statewide population change of 2.9 percent over the period. The number of people from 25 to 34 years of age decreased by 3.9 percent, and the number of people from 55 to 64 years of age increased by 1.2 percent. The white population decreased by 1.5 percent, while the black population increased by 81.5 percent. The Hispanic population increased from 133 to 194 people between 2010 and 2016 or by 45.9 percent. These data are presented in Table II.12.1.

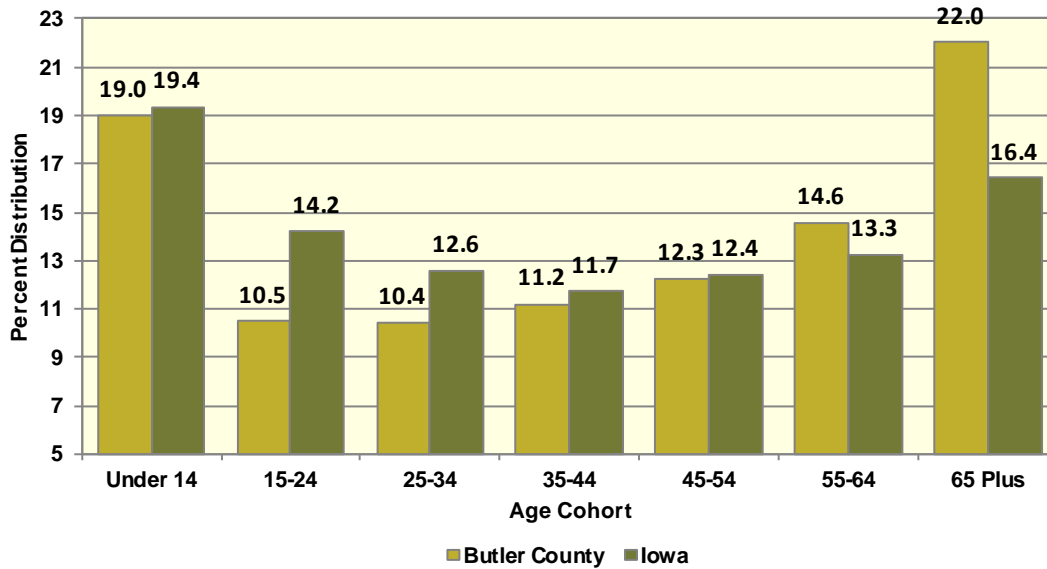
Table II.12.1						
Profile of Population Characteristics						
Butler County vs. State of Iowa						
2010 Census and 2016 Current Census Estimates						
Subject	Butler County			Iowa		
	2010 Census	Jul-16	% Change	2010 Census	Jul-16	% Change
Population	14,867	14,791	-0.5%	3,046,355	3,134,693	2.9%
Age						
Under 14 years	2,920	2,811	-3.7%	603,673	607,020	0.6%
15 to 24 years	1,454	1,551	6.7%	430,187	445,808	3.6%
25 to 34 years	1,606	1,543	-3.9%	382,583	394,373	3.1%
35 to 44 years	1,684	1,658	-1.5%	364,548	367,535	0.8%
45 to 54 years	2,128	1,815	-14.7%	439,726	389,744	-11.4%
55 to 64 years	2,131	2,156	1.2%	372,750	415,998	11.6%
65 and Over	2,944	3,257	10.6%	452,888	514,215	13.5%
Race						
White	14,674	14,461	-1.5%	2,839,615	2,864,884	0.9%
Black	27	49	81.5%	91,695	114,874	25.3%
American Indian and Alaskan Native	22	28	27.3%	13,563	15,924	17.4%
Asian	35	107	205.7%	54,232	78,735	45.2%
Native Hawaiian or Pacific Islander	2	2	0%	2,419	3,592	48.5%
Two or more races	107	144	34.6%	44,831	56,684	26.4%
Ethnicity (of any race)						
Hispanic or Latino	133	194	45.9%	151,544	182,606	20.5%

Table II.12.2, presents the population of Butler County by age and gender from the 2010 Census and 2016 current census estimates. The 2010 Census count showed a total of 7,337 males, who accounted for 49.4 percent of the population, and the remaining 50.6 percent, or 7,530 persons, were female. In 2016, the number of males rose to 7,374 persons, and accounted for 49.9 percent of the population, with the remaining 50.1 percent, or 7,417 persons being female.



Table II.12.2 Population by Age and Gender Butler County 2010 Census and Current Census Estimates							
Age	2010 Census			2016 Current Census Estimates			% Change 10-16
	Male	Female	Total	Male	Female	Total	
Under 14 years	1,493	1,427	2,920	1,461	1,350	2,811	-3.7%
15 to 24 years	727	727	1,454	815	736	1,551	6.7%
25 to 34 years	832	774	1,606	780	763	1,543	-3.9%
35 to 44 years	842	842	1,684	838	820	1,658	-1.5%
45 to 54 years	842	842	1,684	838	820	1,658	-1.5%
55 to 64 years	1,075	1,053	2,128	896	919	1,815	-14.7%
65 and Over	1,277	1,667	2,944	1,503	1,754	3,257	-0.5%
Total	7,337	7,530	14,867	7,374	7,417	14,791	-0.5%
% of Total	49.4%	50.6%	.	49.9%	50.1%	.	

Diagram II.12.1
Age Distribution
Butler County
2016 Current Census Estimates



According to data from the Census Bureau, between 1990 and 2000, the population in Butler County decreased from 15,731 to 15,305 persons, or by -2.7 percent. Between 2000 and 2010, Butler County population, changed by -438 persons, to a total population of 14,867 persons. The most recent estimates indicated that Butler County’s population fell an additional -76 persons since the 2010 Census, to 14,791 persons in July 2016.

Table II.12.3 Population Estimates: Births, Deaths, and Migration Butler County 1990-2010 Census Data and Intercensal Estimates	
1990 Census	15,731
Natural Increase 90-00	-225
Net Migration 90-00	-201
2000 Census	15,305
Natural Increase 00-09	-225
Net Migration 00-09	-381
2009 Population Estimate	14,699
2010 Census	14,867
Natural Increase 10-16	-142
Net Migration 10-16	66
2016 Population Estimate	14,791

There are some important implications of these population growth estimates. 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 shown in Table II.12.3, Butler County had a natural increase, of -225 persons between 1990 and 2000. During the April 2000 to July 2009 period, Butler County’s natural increase was estimated at -225 persons. Between 2010 and 2016, the natural increase was estimated at -142 persons, and the net migration was 66 persons.

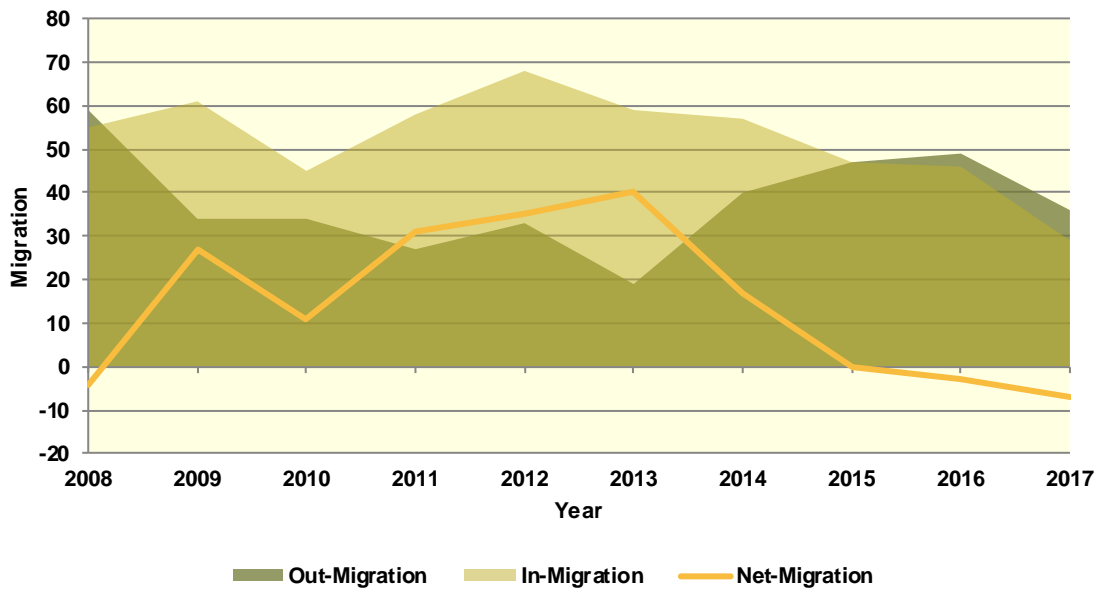
Population Migration Trends

The Iowa Department of Transportation (IOWADOT) collects data on drivers who move to Iowa and exchange licenses from other states as well as those surrendering Iowa driver’s licenses when relocating to a different state. The IOWADOT data do not represent a precise count of migration, as they show only the net change in the number of driver’s licenses, but the data indicate the general direction of population movement.

As can be seen in Table II.12.4 in 2008 there was a total of 55 in-migrations with a total of 59 out-migrations, which led to a net-migration of -4 persons. The most recent first half 2017 data saw a net-migration of -7 persons, with 29 persons entering Butler County and 36 persons leaving Butler County.

Diagram II.12.2, shows in and out- migration as a shaded area, with net migration depicted as a line graph. As can be seen the maximum net migration occurred in 2013 with 40 people entering and the migration lowest net migration occurred in 2008 with 4 entering Butler County.

Diagram II.12.2
Net In-migration by Gender
 Butler County
 Iowa DOT Data: 2008 – First Half 2017



The IOWADOT data also collects gender and age information. Table II.12.4, shows in- and out-migration by gender. In the most recent first half 2017 data, 57 percent of net-migrants, or -4 persons were male, with the remaining 43 percent, or -3 persons were female.

Gender	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017-First Half
In										
Male	28	34	28	31	41	28	28	24	23	15
Female	27	27	17	27	27	31	29	23	23	14
Total	55	61	45	58	68	59	57	47	46	29
Out										
Male	20	17	14	12	22	10	18	23	27	19
Female	39	17	20	15	11	9	22	24	22	17
Total	59	34	34	27	33	19	40	47	49	36
Net										
Male	8	17	14	19	19	18	10	1	-4	-4
Female	-12	10	-3	12	16	22	7	-1	1	-3
Total	-4	27	11	31	35	40	17	0	-3	-7

Table II.12.5, shows net-migration for Butler County by age range. The largest age cohort in the most recent 2017 net migration data was those in the age range of 56 to 65, with 4 persons entering Butler County. Those in the age range of 23 to 25 had the lowest levels of net migration, with 6 persons leaving Butler County.

Table II.12.5 Migration by Age Range Butler County Iowa DOT Data										
Age Range	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 – First Half
In										
14-17	0	2	0	2	0	0	0	1	1	2
18-22	9	12	4	4	7	3	6	5	6	4
23-25	5	3	5	4	8	7	8	3	4	0
26-35	16	13	15	16	27	13	19	12	15	4
36-45	12	15	6	12	7	6	7	4	13	3
46-55	7	7	11	12	9	10	6	7	3	5
56-65	6	3	1	2	8	13	8	7	2	6
66 +	0	6	3	6	2	7	3	8	2	5
Total	55	61	45	58	68	59	57	47	46	29
Out										
14-17	1	0	0	0	0	0	2	0	1	0
18-22	9	5	3	3	6	2	4	8	10	4
23-25	11	6	4	6	3	5	5	8	3	6
26-35	16	9	7	8	5	7	6	8	16	9
36-45	8	5	4	6	9	2	8	6	9	1
46-55	2	2	4	2	4	2	6	10	3	7
56-65	9	5	9	0	3	1	3	4	3	2
66 +	3	2	3	2	3	0	6	3	4	7
Total	59	34	34	27	33	19	40	47	49	36
Net										
14-17	-1	2	0	2	0	0	-2	1	0	2
18-22	0	7	1	1	1	1	2	-3	-4	0
23-25	-6	-3	1	-2	5	2	3	-5	1	-6
26-35	0	4	8	8	22	6	13	4	-1	-5
36-45	4	10	2	6	-2	4	-1	-2	4	2
46-55	5	5	7	10	5	8	0	-3	0	-2
56-65	-3	-2	-8	2	5	12	5	3	-1	4
66 +	-3	4	0	4	-1	7	-3	5	-2	-2
Total	-4	27	11	31	35	40	17	0	-3	-7

School Age Enrollment

Table II.12.6, show the school enrollment from the Iowa Department of Education for Butler County. The school enrollment figures below are for both public and private schools. As can be seen below, in 2010 total enrollment was 1,833 students and was 1,892 in 2017, a change of 3.2 percent. Enrollment for students in grades 1 to 5 was 629 students in 2010 and 673 in 2017, which was a change of 7 percent. Likewise, 2010 enrollment for students in grades 9 to 12 was 530 and 531 in 2017, which was a change of 0.2 percent.

Table II.12.6
School Enrollment
 Butler County
 Iowa Department of Education

Year	Pre-K/K	Grades 1 - 5	Grades 6 - 8	Grades 9 - 12	Special Ed.	Total
2000	221	703	465	673	61	2,123
2001	215	677	469	702	38	2,101
2002	167	667	479	644	40	1,997
2003	176	639	450	614	14	1,893
2004	195	620	451	594	8	1,868
2005	210	630	402	601	69	1,843
2006	180	623	403	584	50	1,790
2007	204	630	396	589	78	1,819
2008	247	660	415	552	88	1,874
2009	250	664	398	557	109	1,869
2010	272	629	402	530	121	1,833
2011	315	637	411	527	154	1,890
2012	351	629	424	554	176	1,958
2013	378	647	386	559	194	1,970
2014	362	668	392	533	178	1,955
2015	314	710	378	552	151	1,954
2016	300	701	374	549	142	1,924
2017	310	673	378	531	153	1,892
% Change 10-17	14%	7%	-6%	0.2%	26.4%	3.2%

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 Estimates

Table II.12.7, shows population by age for the 2000 and 2010 Census. The population changed by -2.9 percent overall between 2000 and 2010. Various age cohorts changed at different rates. The elderly population, or persons aged 65 or older, changed by -4.3 percent to a total of 2,944 persons in 2010. Those aged 25 to 34 changed by -0.1 percent, and those aged under 5 changed by 15.9 percent.

Table II.12.7 Population by Age Butler County 2000 & 2010 Census SF1 Data					
Age	2000 Census		2010 Census		% Change 00-10
	Population	% of Total	Population	% of Total	
Under 5	847	5.5%	982	6.6%	15.9%
5 to 19	3,236	21.1%	2,791	18.8%	-13.8%
20 to 24	631	4.1%	601	4%	-4.8%
25 to 34	1,607	10.5%	1,606	10.8%	-0.1%
35 to 54	4,406	28.8%	3,812	25.6%	-13.5%
55 to 64	1,501	9.8%	2,131	14.3%	42%
65 or Older	3,077	20.1%	2,944	19.8%	-4.3%
Total	15,305	100.0%	14,867	100.0%	-2.9%

The elderly population is further explored in Table II.12.8. Those aged 65 to 66 changed by 13.9 percent between 2000 and 2010, resulting in a population of 328 persons. Those aged 85 or older changed by 12.2 percent during the same time period, and resulted in 551 persons over age 85 in 2010.

Table II.12.8 Elderly Population by Age Butler County 2000 & 2010 Census SF1 Data					
Age	2000 Census		2010 Census		% Change 00-10
	Population	% of Total	Population	% of Total	
65 to 66	288	9.4%	328	11.1%	13.9%
67 to 69	433	14.1%	450	15.3%	3.9%
70 to 74	679	22.1%	605	20.6%	-10.9%
75 to 79	674	21.9%	551	18.7%	-18.2%
80 to 84	512	16.6%	459	15.6%	-10.4%
85 or Older	491	16%	551	18.7%	12.2%
Total	3,077	100.0%	2,944	100.0%	-4.3%

Population by race and ethnicity is shown in Table II.12.9. The white population changed by -3.4 percent between 2000 and 2010, and resulted in representing 98.4 percent of the population in 2010. The black population changed by 100 percent, represented 0.2 percent of the population in 2010. The American Indian and Asian populations represented 0.1 and 0.2 percent, respectively, in 2010. As for ethnicity, the Hispanic population changed by 49.4 percent between 2000 and 2010, compared to the -3.2 percent growth rate for non-Hispanics.

Table II.12.9 Population by Race and Ethnicity Butler County 2000 & 2010 Census SF1 Data					
Race	2000 Census		2010 Census		% Change 00-10
	Population	% of Total	Population	% of Total	
White	15,145	99%	14,636	98.4%	-3.4%
Black	13	0.1%	26	0.2%	100%
American Indian	8	0.1%	21	0.1%	162.5%
Asian	31	0.2%	35	0.2%	12.9%
Native Hawaiian/ Pacific Islander	3	0%	2	0%	-33.3%
Other	24	0.2%	36	0.2%	50%
Two or More Races	81	0.5%	111	0.7%	37%
Total	15,305	100.0%	14,867	100.0%	-2.9%
Hispanic	89	0.6%	133	0.9%	49.4%
Non-Hispanic	15,216	99.4%	14,734	99.1%	-3.2%

Population by race and ethnicity through 2016 is shown in Table II.12.10. The white population represented 98.1 percent of the population in 2016, compared with black households accounting for 0.3 percent of the population. Hispanic households represented 1.2 percent of the population in 2016.

Table II.12.10				
Population by Race and Ethnicity				
Butler County				
2010 Census & 2016 Five-Year ACS				
Race	2010 Census		2016 Five-Year ACS	
	Population	% of Total	Population	% of Total
White	14,636	98.4%	14,648	98.1%
Black	26	0.2%	45	0.3%
American Indian	21	0.1%	43	0.3%
Asian	35	0.2%	84	0.6%
Native Hawaiian/ Pacific Islander	2	0%	11	0.1%
Other	36	0.2%	11	0.1%
Two or More Races	111	0.7%	91	0.6%
Total	14,867	100.0%	14,933	100.0%
Non-Hispanic	14,734	99.1%	14,756	98.8%
Hispanic	133	0.9%	177	1.2%

The population by race is broken down further by ethnicity in Table II.12.11. While the white non-Hispanic population changed by -3.5 percent between 2000 and 2010, the white Hispanic population changed by 42.4 percent. The black non-Hispanic population changed by 92.3 percent.

Table II.12.11					
Population by Race and Ethnicity					
Butler County					
2000 & 2010 Census Data					
Race	2000		2010 Census		% Change 00 - 10
	Population	% of Total	Population	% of Total	
Non-Hispanic					
White	15,086	99.1%	14,552	98.8%	-3.5%
Black	13	0.1%	25	0.2%	92.3%
American Indian	7	0%	14	0.1%	100%
Asian	31	0.2%	35	0.2%	12.9%
Native Hawaiian/ Pacific Islander	3	0%	2	0%	-33.3%
Other	2	0%	0	0%	-100%
Two or More Races	74	0.5%	106	0.7%	43.2%
Total Non-Hispanic	15,216	100.0%	14,734	100.0%	-3.2%
Hispanic					
White	59	66.3%	84	63.2%	42.4%
Black	0	0%	1	0.8%	
American Indian	1	1.1%	7	5.3%	600%
Asian	0	0%	0	0%	0%
Native Hawaiian/ Pacific Islander	0	0%	0	0%	0%
Other	22	24.7%	36	27.1%	63.6%
Two or More Races	7	7.9%	5	3.8%	-28.6%
Total Hispanic	89	100.0%	133	100.0%	49.4%
Total Population	15,305	100.0%	14,867	100.0%	-2.9%

The change in race and ethnicity between 2010 and 2016 is shown in Table II.12.12. During this time, the total non-Hispanic population was 14,756 persons in 2016. The Hispanic population was 177.

Table II.12.12				
Population by Race and Ethnicity				
Butler County				
2010 Census & 2016 Five-Year ACS				
Race	2010 Census		2016 Five-Year ACS	
	Population	% of Total	Population	% of Total
Non-Hispanic				
White	14,552	98.8%	14,490	98.2%
Black	25	0.2%	45	0.3%
American Indian	14	0.1%	43	0.3%
Asian	35	0.2%	84	0.6%
Native Hawaiian/ Pacific Islander	2	0%	11	0.1%
Other	0	0%	0	0%
Two or More Races	106	0.7%	83	0.6%
Total Non-Hispanic	14,734	100.0%	14,756	100.0%
Hispanic				
White	84	63.2%	158	89.3%
Black	1	0.8%	0	0%
American Indian	7	5.3%	0	0%
Asian	0	0%	0	0%
Native Hawaiian/ Pacific Islander	0	0%	0	0%
Other	36	27.1%	11	6.2%
Two or More Races	5	3.8%	8	4.5%
Total Hispanic	133	100.0	177	100.0%
Total Population	14,867	100.0%	14,933	100.0%

Households by type and tenure are shown in Table II.12.13. Family households represented 68.2 percent of households, while non-family households accounted for 31.8 percent. These changed from 70.6 and 29.4 percent, respectively.

Table II.12.13				
Household Type by Tenure				
Butler County				
2010 Census SF1 & 2016 Five-Year ACS Data				
Household Type	2010 Census		2016 Five-Year ACS	
	Households	Households	Households	% of Total
Family Households	4,323	70.6%	4,282	68.2%
Married-Couple Family	3,689	85.3%	3,771	88.1%
Owner-Occupied	3,369	91.3%	3,406	90.3%
Renter-Occupied	320	8.7%	365	9.7%
Other Family	634	14.7%	511	14.8%
Male Householder, No Spouse Present	242	38.2%	203	47.4%
Owner-Occupied	172	71.1%	153	75.4%
Renter-Occupied	70	28.9%	50	24.6%
Female Householder, No Spouse Present	392	61.8%	308	76.7%
Owner-Occupied	234	59.7%	177	57.5%
Renter-Occupied	158	40.3%	131	42.5%
Non-Family Households	1,797	29.4%	2,000	31.8%
Owner-Occupied	1,219	67.8%	1,264	63.2%
Renter-Occupied	578	32.2%	736	36.8%
Total	6,120	100.0%	6,282	100.0%

The group quarters population was 242 in 2010, compared to 289 in 2000. Institutionalized populations experienced a -16 percent change between 2000 and 2010. Non-institutionalized populations experienced a -100 percent change during this same time period.

Table II.12.14					
Group Quarters Population					
Butler County					
2000 & 2010 Census SF1 Data					
Group Quarters Type	2000 Census		2010 Census		% Change 00-10
	Population	% of Total	Population	% of Total	
Institutionalized					
Correctional Institutions	9	3.1%	6	2.5%	-33.3%
Juvenile Facilities	.	.	0	0%	.
Nursing Homes	279	96.9%	236	97.5%	-15.4%
Other Institutions	0	0%	0	0%	0%
Total	288	100.0%	242	100.0%	-16%
Noninstitutionalized					
College Dormitories	0	0%	0	0%	0%
Military Quarters	0	0%	0	0%	0%
Other Noninstitutionalized	1	100%	0	0%	-100%
Total	1	100.0%	0	100.0%	-100%
Group Quarters Population	289	100.0%	242	100.0%	-16.3%

The number of foreign born persons are shown in Table II.12.15. An estimated 0.4 percent of the population was born in India, some 0.1 percent were born in Germany, and another 0.1 percent were born in Guatemala.

Table II.12.15			
Place of Birth for the Foreign-Born Population			
Butler County			
2016 Five-Year ACS			
Number	County	Number of Person	Percent of Total Population
#1 country of origin	India	59	0.4%
#2 country of origin	Germany	21	0.1%
#3 country of origin	Guatemala	11	0.1%
#4 country of origin	Philippines	7	0%
#5 country of origin	Canada	6	0%
#6 country of origin	Other Australian and New Zealand Subregion	4	0%
#7 country of origin	Russia	1	0%
#8 country of origin	Afghanistan	0	0%
#9 country of origin	Africa n.e.c	0	0%
#10 country of origin	Albania	0	0%

Limited English Proficiency and the language spoken at home are shown in Table II.12.16.

Table II.12.16
Limited English Proficiency and Language Spoken at Home
 Butler County
 2016 Five-Year ACS

Number	County	Number of Person	Percent of Total Population
#1 LEP Language	Tagalog	7	0%
#2 LEP Language	Spanish	4	0%
#3 LEP Language	Arabic	0	0%
#4 LEP Language	Chinese	0	0%
#5 LEP Language	French, Haitian, or Cajun	0	0%
#6 LEP Language	German or other West Germanic languages	0	0%
#7 LEP Language	Korean	0	0%
#8 LEP Language	Other Asian and Pacific Island languages	0	0%
#9 LEP Language	Other Indo-European languages	0	0%
#10 LEP Language	Other and unspecified languages	0	0%

Disability

The disability rate from the 2000 Census is shown in Table II.12.17. Some 16.8 percent of the population was disabled in 2000, or a total of 2,382 persons. The disability rate was highest for those over 65, with 39.8 percent disabled.

Table II.12.17
Disability by Age
 Butler County
 2000 Census SF3 Data

Age	Total	
	Disabled Population	Disability Rate
5 to 15	108	4.5%
16 to 64	1,145	12.8%
65 and older	1,129	39.8%
Total	2,382	16.8%

Table II.12.18 shows disability by type in 2000. There were 1,170 physical disabilities in 2000, some 654 employment disabilities, and 817 go-outside-home disabilities.

Table II.12.18
Total Disabilities Tallied: Aged 5 and Older
 Butler County
 2000 Census SF3 Data

Disability Type	Population
Sensory disability	599
Physical disability	1,170
Mental disability	468
Self-care disability	346
Employment disability	654
Go-outside-home disability	817
Total	4,054

Disability by age, as estimated by the 2016 ACS, is shown in Table II.12.19. The disability rate for females was 9.6 percent, compared to 11 percent for males. The disability rate changed precipitously higher with age, with 37.1 percent of those over 75 experiencing a disability.

Table II.12.19 Disability by Age Butler County 2016 Five-Year ACS Data						
Age	Male		Female		Total	
	Disabled Population	Disability Rate	Disabled Population	Disability Rate	Disabled Population	Disability Rate
Under 5	11	2.6%	10	2.4%	21	2.5%
5 to 17	47	3.5%	39	3.1%	86	3.3%
18 to 34	78	5.7%	37	3%	115	4.5%
35 to 64	266	9.2%	218	7.7%	484	8.5%
65 to 74	175	22.5%	124	15.6%	299	19%
75 or Older	229	42%	279	33.9%	508	37.1%
Total	806	11%	707	9.6%	1,513	10.3%

The number of disabilities by type, as estimated by the 2016 ACS, is shown in Table II.12.20. Some 4.8 percent have an ambulatory disability, 3.8 have an independent living disability, and 1.6 percent have a self-care disability.

Table II.12.20 Total Disabilities Tallied: Aged 5 and Older Butler County 2016 Five-Year ACS		
Disability Type	Population with Disability	Percent with Disability
Hearing disability	564	3.8%
Vision disability	226	1.5%
Cognitive disability	415	3%
Ambulatory disability	667	4.8%
Self-Care disability	221	1.6%
Independent living disability	431	3.8%

Education

Education and employment data, as estimated by the 2016 ACS, is presented in Table II.12.21. In 2016, some 7,502 persons were employed and 245 were unemployed. This totaled a labor force of 7,747 persons. The unemployment rate for Butler County was estimated to be 3.2 percent in 2016.

Table II.12.21 Employment, Labor Force and Unemployment Butler County 2016 Five-Year ACS Data	
Employment Status	2016 Five-Year ACS
Employed	7,502
Unemployed	245
Labor Force	7,747
Unemployment Rate	3.2%

In 2016, 91.5 percent of households in Butler County had a high school education or greater.

Table II.12.22	
High School or Greater Education	
Butler County	
2016 Five-Year ACS Data	
Education Level	Households
High School or Greater	5,746
Total Households	6,282
Percent High School or Above	91.5%

As seen in Table II.12.23, some 40.1 percent of the population had a high school diploma or equivalent, another 36.8 percent have some college, 10.5 percent have a Bachelor's Degree, and 4.2 percent of the population had a graduate or professional degree.

Table II.12.23		
Educational Attainment		
Butler County		
2016 Five-Year ACS Data		
Education Level	Population	Percent
Less Than High School	960	8.4%
High School or Equivalent	4,607	40.1%
Some College or Associates Degree	4,224	36.8%
Bachelor's Degree	1,207	10.5%
Graduate or Professional Degree	487	4.2%
Total Population Above 18 years	11,485	100.0%

ECONOMICS

Labor Force

Table II.12.24, shows the labor force statistics for Butler County from 1990 to the present. Over the entire series the lowest unemployment rate occurred in 2000 with a rate of 3.2 percent. The highest level of unemployment occurred during 2009 rising to a rate of 6.6 percent. This compared to a statewide low of 2.6 in 1999 and statewide high of 6.4 percent in 2009. Over the last year, the unemployment rate in Butler County decreased from 4.5 percent in 2015 to 4.4 percent in 2016, which compared to a statewide decrease to 3.7 percent.

Year	Butler County				Statewide Unemployment Rate
	Unemployment	Employment	Labor Force	Unemployment Rate	
1990	345	6,995	7,340	4.7%	4.4%
1991	477	7,107	7,584	6.3%	4.7%
1992	501	7,378	7,879	6.4%	4.5%
1993	435	7,494	7,929	5.5%	4%
1994	438	7,881	8,319	5.3%	3.5%
1995	411	7,794	8,205	5%	3.4%
1996	406	7,793	8,199	5%	3.5%
1997	319	7,645	7,964	4%	3.1%
1998	319	7,507	7,826	4.1%	2.7%
1999	352	7,406	7,758	4.5%	2.6%
2000	254	7,724	7,978	3.2%	2.6%
2001	360	7,895	8,255	4.4%	3.3%
2002	376	7,890	8,266	4.5%	4%
2003	409	7,686	8,095	5.1%	4.5%
2004	371	7,689	8,060	4.6%	4.5%
2005	388	7,718	8,106	4.8%	4.3%
2006	338	7,920	8,258	4.1%	3.7%
2007	331	7,929	8,260	4%	3.7%
2008	398	8,104	8,502	4.7%	4.2%
2009	558	7,944	8,502	6.6%	6.4%
2010	496	7,704	8,200	6%	6%
2011	411	7,761	8,172	5%	5.5%
2012	371	7,841	8,212	4.5%	5%
2013	376	7,904	8,280	4.5%	4.7%
2014	358	8,049	8,407	4.3%	4.3%
2015	369	7,923	8,292	4.5%	3.8%
2016	357	7,745	8,102	4.4%	3.7%

Diagram II.12.3, shows the employment and labor force for Butler County. The difference between the two lines represents the number of unemployed persons. In the most recent year, employment stood at 7,745 persons, with the labor force reaching 8,102, indicating there were a total of 357 unemployed persons.

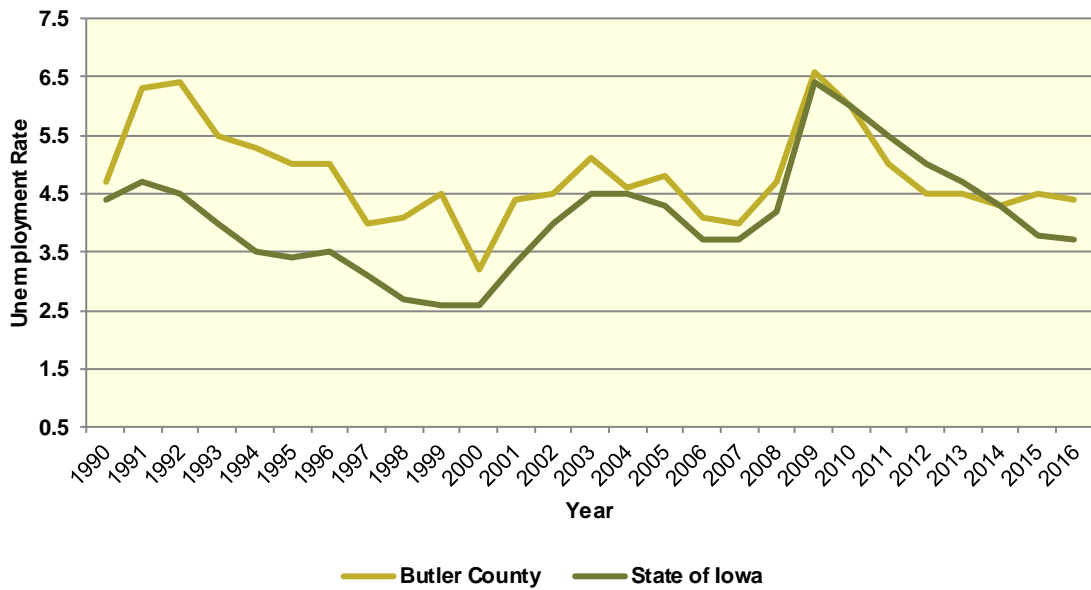
Diagram II.12.3
Employment and Labor Force
 Butler County
 1990 – 2016 BLS Data



Unemployment

Diagram II.12.4, shows the unemployment rate for both the State and Butler County. During the 1990’s the average rate for Butler County was 5.1 percent, which compared to 3.6 percent statewide. Between 2000 and 2010 the unemployment rate had an average of 4.6 percent, which compared to 4.1 percent statewide. Since 2010, the average unemployment rate was 4.7 percent. Over the course of the entire period the Butler County had an average unemployment rate that higher than the State, 4.8 percent for Butler County, versus 4.1 statewide.

Diagram II.12.4
Annual Unemployment Rate
 Butler 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.12.25, shows total real earnings by industry for Butler County. In the most recent 2016 estimate, the farm industry had the largest total real earnings, with total real earnings reaching \$65,804,000. Between 2015 and 2016 the professional, scientific, and technical services industry saw the largest percentage increase, rising by 14.9 percent to 3,650,000 dollars.

Table II.12.25
Real Earnings by Industry
 Butler 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	42,663	74,910	138,155	94,739	163,112	96,196	86,411	65,804	-23.8
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	18,574	13,922	19,302	23,197	15,277	15,409	9,039	10,258	13.5
Manufacturing	21,812	47,177	51,538	57,022	57,052	54,299	48,013	40,974	-14.7
Wholesale trade	20,240	19,281	17,926	17,288	15,422	15,815	16,930	18,978	12.1
Retail trade	16,484	13,662	12,455	12,316	13,699	13,829	14,023	13,471	-3.9
Transportation and warehousing	0	0	0	0	0	0	0	0	0
Information	1,139	1,084	0	905	793	713	727	752	3.4
Finance and insurance	7,630	11,719	8,148	9,816	8,275	8,406	7,877	7,825	-0.7
Real estate and rental and leasing	0	883	714	443	698	1,114	2,177	2,259	3.8
Professional and technical services	5,560	5,188	6,398	7,917	7,822	7,780	7,890	9,064	14.9
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	19,146	16,836	17,521	18,149	0	-100
Arts, entertainment, and recreation	341	528	490	478	303	314	309	319	3.2
Accommodation and food services	2,016	712	755	856	1,035	1,116	1,074	1,075	0.1
Other services, except public administration	12,864	11,208	11,300	11,642	11,174	11,880	11,551	11,595	0.4
Government and government enterprises	31,808	38,219	37,679	38,347	40,005	40,774	41,313	41,398	0.2
Total	211,965	278,769	346,710	317,514	373,348	307,813	288,976	267,629	-7.4



Table II.12.26, shows the total employment by industry for the Butler County. The most recent estimates show the farm industry was the largest employer in Butler County, with employment reaching 1,157 jobs in 2016. Between 2015 and 2016 the professional, scientific, and technical services industry saw the largest percentage increase, rising by 6.8 percent to 113 jobs.

Table II.12.26
Employment by Industry
Butler County
BEA Table CA25 Data

NAICS Categories	2001	2010	2011	2012	2013	2014	2015	2016	% Change 15-16
Farm earnings	1,309	1,201	1,187	1,139	1,185	1,123	1,169	1,157	-1
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	425	412	433	469	456	499	430	391	-9.1
Manufacturing	486	869	939	1,011	1,025	993	900	752	-16.4
Wholesale trade	372	290	281	257	249	264	277	291	5.1
Retail trade	719	558	601	618	626	594	649	658	1.4
Transportation and warehousing	0	0	0	0	0	0	0	0	0
Information	41	35	0	30	31	31	25	25	0
Finance and insurance	236	286	305	301	292	303	304	312	2.6
Real estate and rental and leasing	0	183	192	200	218	242	246	252	2.4
Professional and technical services	206	183	183	203	207	208	207	221	6.8
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	14	0	0	11	18	20	14	0	-100
Health care and social assistance	0	0	0	739	670	681	680	0	-100
Arts, entertainment, and recreation	77	90	86	101	90	112	95	91	-4.2
Accommodation and food services	207	148	154	151	165	161	176	177	0.6
Other services, except public administration	491	476	487	483	474	471	481	488	1.5
Government and government enterprises	866	808	815	858	873	884	869	857	-1.4
Total	6,735	6,964	7,126	7,281	7,280	7,286	7,204	7,035	-2.3



Table II.12.27, shows the real average earnings per job by industry for Butler County. These figures are calculated by dividing the total real earning displayed in Tables II.12.25 and II.12.26, by industry. In 2016, the wholesale trade industry had the highest average earnings reaching 65,216 dollars. Between 2015 and 2016 the construction industry saw the largest percentage increase, rising by 24.8 percent.

Table II.12.27
Real Earnings Per Job by Industry
 Butler County
 BEA Table CA5N and CA25 Data

NAICS Categories	2001	2010	2011	2012	2013	2014	2015	2016	% Change 15-16
Farm earnings	32,592	62,373	116,390	83,177	137,647	85,659	73,919	56,875	-23.1
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	43,702	33,790	44,577	49,460	33,502	30,880	21,020	26,235	24.8
Manufacturing	44,881	54,289	54,886	56,401	55,661	54,682	53,348	54,487	2.1
Wholesale trade	54,407	66,486	63,792	67,270	61,934	59,904	61,119	65,216	6.7
Retail trade	22,927	24,483	20,724	19,930	21,883	23,281	21,608	20,473	-5.3
Transportation and warehousing	0	0	0	0	0	0	0	0	0
Information	27,782	30,984	0	30,152	25,590	22,992	29,098	30,080	3.4
Finance and insurance	32,331	40,974	26,714	32,610	28,338	27,741	25,913	25,080	-3.2
Real estate and rental and leasing	0	4,825	3,719	2,214	3,204	4,604	8,851	8,964	1.3
Professional and technical services	26,988	28,348	34,962	38,998	37,789	37,403	38,114	41,014	7.6
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	25,908	25,129	25,728	26,690	0	0
Arts, entertainment, and recreation	4,424	5,872	5,695	4,730	3,371	2,807	3,253	3,505	7.8
Accommodation and food services	9,739	4,813	4,903	5,668	6,274	6,933	6,102	6,073	-0.5
Other services, except public administration	26,199	23,546	23,203	24,103	23,573	25,223	24,015	23,760	-1.1
Government and government enterprises	36,730	47,300	46,231	44,693	45,825	46,125	47,541	48,306	1.6
Total	31,472	40,030	48,654	43,609	51,284	42,247	40,113	38,043	-5.2

Table II.12.28 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 \$658,798,000 a -2.1 percent change between 2015 and 2016. Table II.12.28, shows further annual data for the years 1969 through 2016. In 2010, total employment was 6,964 and 7,035 in 2016, which a change of -2.3 percent over this period.

Table II.12.28
Total Employment and Real Personal Income
 Butler 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	170,144	7,554	44,846	53,496	26,607	287,539	17,261	6,301	27,003
1970	164,442	7,480	44,374	56,047	29,687	287,069	16,947	6,385	25,753
1971	158,152	7,803	46,648	57,053	31,490	285,540	16,792	6,310	25,065
1972	178,014	8,402	50,178	60,567	32,842	313,199	18,313	6,134	29,023
1973	246,039	10,245	57,706	68,633	34,664	396,796	23,026	6,440	38,206
1974	191,417	11,526	63,036	71,809	35,947	350,683	20,206	6,619	28,921
1975	201,237	11,254	65,572	77,328	40,000	372,882	21,489	6,503	30,945
1976	181,576	12,492	67,875	78,774	42,307	358,040	20,482	6,727	26,992
1977	187,076	12,502	76,844	84,818	43,695	379,930	21,443	6,687	27,977
1978	229,674	13,275	81,014	88,361	45,056	430,830	24,321	6,705	34,253
1979	189,264	14,183	90,030	92,584	46,455	404,150	22,672	6,839	27,673
1980	156,909	13,086	90,422	100,603	51,517	386,364	21,881	6,669	23,528
1981	155,064	12,625	86,199	110,758	54,403	393,799	22,409	6,493	23,881
1982	124,939	11,780	77,496	119,782	58,958	369,394	21,192	6,291	19,859
1983	108,833	11,652	73,196	125,682	61,866	357,926	20,745	6,408	16,983
1984	164,565	12,994	74,037	129,086	61,694	416,387	24,348	6,403	25,702
1985	173,357	13,232	70,070	123,413	62,422	416,030	24,790	6,246	27,755
1986	167,252	13,773	65,170	117,844	64,162	400,655	24,544	6,230	26,845
1987	179,153	14,792	71,841	106,190	64,061	406,453	25,422	6,168	29,045
1988	157,636	15,581	77,780	98,551	62,576	380,962	23,860	6,079	25,931
1989	160,853	16,698	80,952	102,082	65,222	392,411	24,796	6,408	25,102
1990	182,473	16,549	84,177	97,929	67,902	415,933	26,470	6,529	27,949
1991	177,761	17,154	84,405	94,258	70,326	409,596	25,944	6,539	27,185
1992	198,116	17,767	89,793	92,448	75,929	438,519	27,915	6,657	29,760
1993	162,016	18,313	91,451	96,818	76,793	408,766	26,239	6,602	24,541
1994	195,185	18,994	94,360	97,236	79,701	447,488	28,725	6,718	29,055
1995	187,364	19,251	96,532	94,274	82,008	440,926	28,313	6,805	27,534
1996	225,434	16,418	101,295	101,398	82,353	494,061	31,812	6,849	32,915
1997	216,584	19,460	108,680	106,249	78,799	490,851	31,666	6,806	31,823
1998	210,558	20,489	114,493	106,894	81,029	492,484	31,967	7,174	29,350
1999	191,707	20,412	115,010	104,006	85,323	475,633	31,115	6,939	27,628
2000	209,438	20,227	122,289	108,894	87,280	507,673	33,183	6,913	30,297
2001	211,965	20,409	128,639	106,809	90,234	517,239	34,334	6,735	31,472
2002	210,930	21,065	128,534	100,118	94,690	513,207	34,383	6,697	31,497
2003	204,775	21,778	127,399	90,017	95,858	496,270	33,220	6,616	30,951
2004	270,834	22,557	130,797	85,390	96,903	561,366	37,462	6,669	40,611
2005	253,097	22,386	123,602	79,238	99,318	532,869	35,608	6,729	37,613
2006	236,294	22,551	123,474	83,641	105,127	525,986	35,228	6,783	34,837
2007	262,891	23,593	131,221	94,078	108,431	573,028	38,302	6,980	37,663
2008	271,579	25,957	145,793	98,399	120,495	610,309	40,804	7,106	38,218
2009	250,187	25,305	149,815	99,807	123,849	598,354	40,707	6,965	35,921
2010	278,769	26,362	146,703	94,677	128,825	622,611	41,769	6,964	40,030
2011	346,710	25,055	154,725	108,279	128,792	713,451	47,690	7,126	48,654
2012	317,514	25,817	154,353	113,346	127,412	686,809	45,815	7,281	43,609
2013	373,348	27,442	152,271	112,954	127,731	738,863	49,202	7,280	51,284
2014	307,813	27,844	147,712	115,146	131,487	674,313	45,038	7,286	42,247
2015	288,976	26,263	153,186	119,097	138,223	673,219	45,195	7,204	40,113
2016	267,629	26,467	156,177	120,258	141,201	658,798	44,540	7,035	38,043



Diagram II.12.5, shows real average earnings per job for Butler County from 1990 to 2016. Over this period the average earning per job for Butler County was \$34,844, which was lower than the statewide average of \$43,526 over the same period.

Diagram II.12.5
Real Average Earnings Per Job
 Butler County
 BEA Data 1990 - 2016

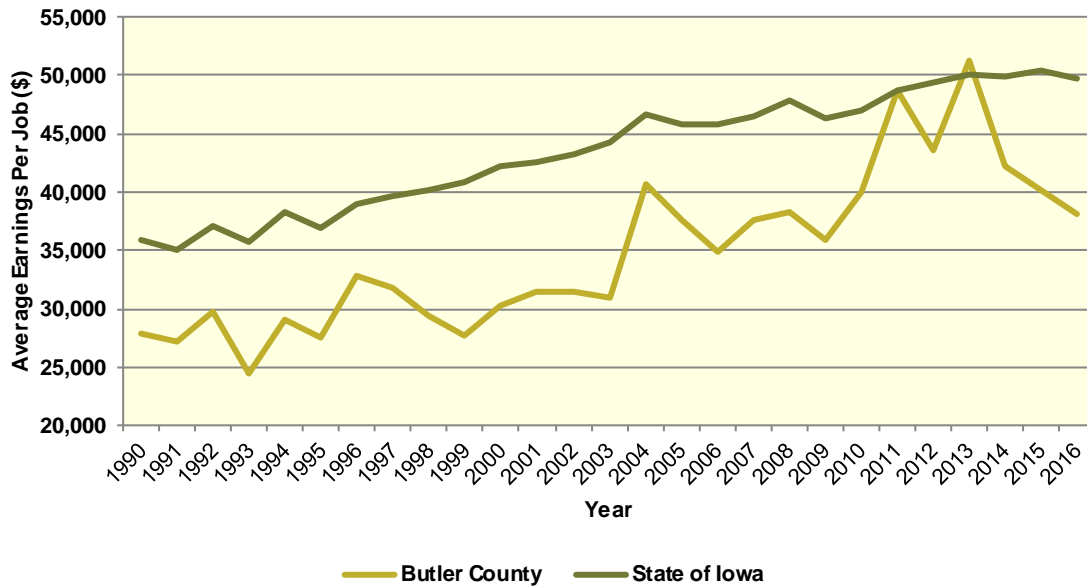
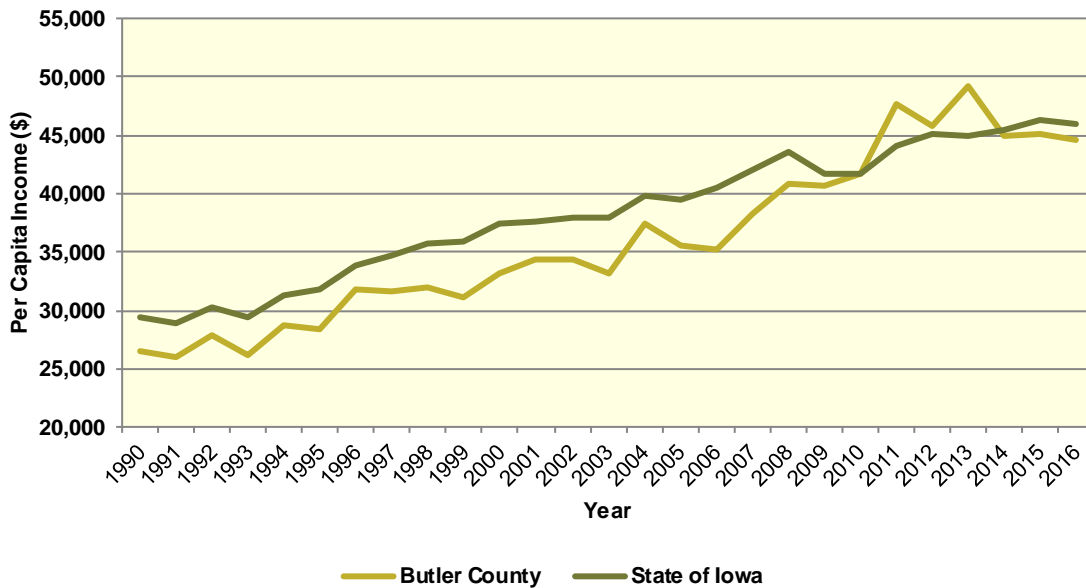


Diagram II.12.6, shows real per capita income for the Butler County from 1990 to 2016, which is calculated by dividing total personal income from all sources by population. Per capita income is a broader measure of wealth than real average earnings per job, which only captures the working population. Over this period, the real per capita income for Butler County was \$36,024, which was lower than the statewide average of \$38,254 over the same period.

Diagram II.12.6
Real Per Capita Income
 Butler County
 BEA Data 1990 - 2016



Quarterly Census of Employment and Wages

The 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. If data do not meet BLS or State agency disclosure standards they are displayed as (ND) and not disclosed. Data from this series are from the period of January 2006 through December 2016 and are presented in Table II.12.29, with the 2016 information considered preliminary (p). Between 2015 and 2016, total annual employment decreased from 3,629 persons in 2015 to 3,433 in 2016, a change of -5.4 percent.

Table II.12.29
Total Monthly Employment
 Butler County
 BLS QCEW Data, 2001–2016(p)

Period	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Jan	3,228	3,218	3,404	3,280	3,289	3,415	3,601	3,611	3,576	3,622	3,293
Feb	3,235	3,175	3,387	3,328	3,279	3,413	3,585	3,620	3,577	3,629	3,246
Mar	3,310	3,230	3,492	3,372	3,360	3,467	3,658	3,654	3,610	3,583	3,295
Apr	3,403	3,344	3,568	3,417	3,495	3,575	3,800	3,743	3,766	3,710	3,428
May	3,510	3,451	3,732	3,503	3,574	3,674	3,879	3,818	3,858	3,721	3,450
Jun	3,556	3,498	3,790	3,574	3,621	3,710	3,897	3,885	3,943	3,765	3,534
Jul	3,263	3,276	3,525	3,316	3,460	3,562	3,804	3,823	3,909	3,655	3,546
Aug	3,277	3,381	3,535	3,313	3,441	3,615	3,748	3,810	3,829	3,544	3,470
Sep	3,494	3,580	3,600	3,493	3,529	3,686	3,824	3,715	3,796	3,625	3,512
Oct	3,405	3,554	3,605	3,540	3,602	3,732	3,853	3,752	3,812	3,626	3,496
Nov	3,365	3,558	3,520	3,510	3,600	3,748	3,857	3,790	3,740	3,559	3,463
Dec	3,383	3,561	3,492	3,493	3,561	3,743	3,876	3,792	3,682	3,508	3,466
Annual	3,369	3,402	3,554	3,428	3,484	3,612	3,782	3,751	3,758	3,629	3,433
% Change	.	1%	4.5%	-3.5%	1.6%	3.7%	4.7%	-0.8%	0.2%	-3.4%	-5.4%

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 \$656 in 2015. In 2016, average weekly wages saw an increased of 1.7 percent over the prior year, rising to \$667, or by 11 dollars. These data are shown in Table II.12.30.

Table II.12.30						
Average Weekly Wages						
Butler County						
BLS QCEW Data, 2001–2016(p)						
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual	% Change
2001	397	417	384	442	410	
2002	398	426	399	460	421	2.7%
2003	414	431	414	478	435	3.3%
2004	427	466	436	503	459	5.5%
2005	443	463	463	497	467	1.7%
2006	467	477	463	522	482	3.2%
2007	485	500	506	575	518	7.5%
2008	530	563	601	621	579	11.8%
2009	540	560	559	627	572	-1.2%
2010	542	574	578	654	588	2.8%
2011	564	596	599	686	613	4.3%
2012	605	620	605	705	635	3.6%
2013	620	623	620	707	643	1.3%
2014	638	634	626	731	657	2.2%
2015	643	631	639	715	656	-0.2%
2016(p)	637	645	662	724	667	1.7%

Total business establishments reported by the QCEW are displayed in Table II.12.31. Between 2015 and 2016, the total number of business establishments in Butler County decreased by 1.7 percent, from 421 to 420 establishments.

Table II.12.31						
Number of Business Establishments						
Butler County						
BLS QCEW Data, 2001–2016(p)						
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual	% Change
2001	441	440	410	410	425	
2002	411	411	412	407	410	-3.5%
2003	407	405	399	403	404	-1.5%
2004	405	406	406	406	406	0.5%
2005	407	409	412	405	408	0.5%
2006	414	419	420	416	417	2.2%
2007	413	408	410	413	411	-1.4%
2008	410	414	411	412	412	0.2%
2009	405	401	409	403	405	-1.7%
2010	402	406	410	407	406	0.2%
2011	411	411	412	415	412	1.5%
2012	413	417	419	419	417	1.2%
2013	415	417	418	415	416	-0.2%
2014	416	421	419	420	419	0.7%
2015	419	417	424	422	421	0.5%
2016	416	418	420	424	420	-0.2%

Iowa Department of Revenue

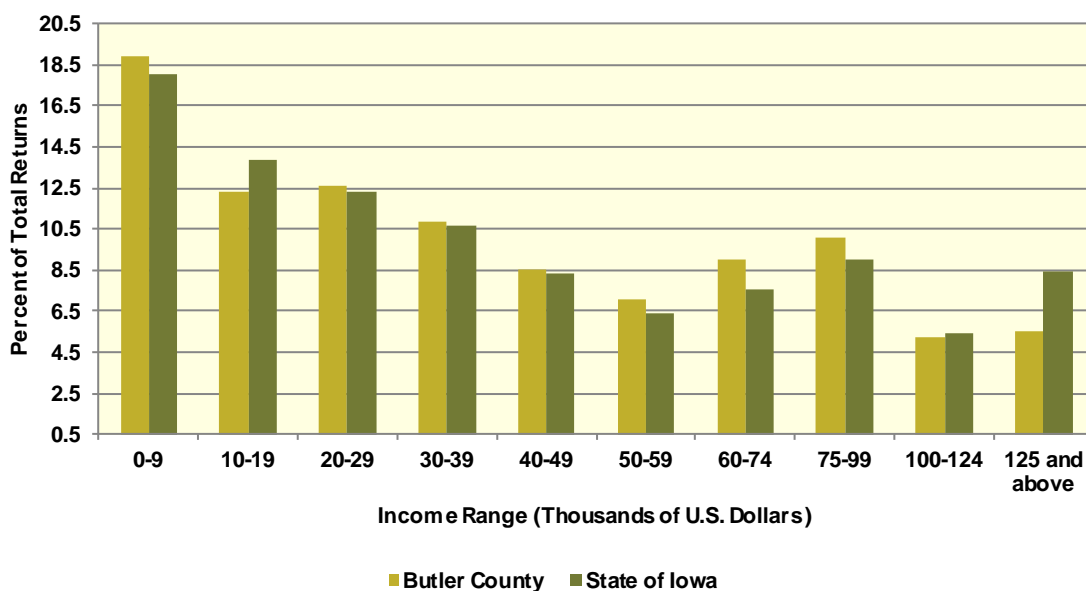
The Iowa Department of Revenue releases annual income tax statistics. Table II.12.32, shows the number of returns by adjusted gross income. For taxpayer confidentiality, if the number of returns was fewer than 5, the data was redacted. As a result the number of returns reported maybe slightly lower than the actual returns. Most redacted records occurred in the highest income brackets. The table below gives an accurate measure of the income distribution in Butler County.

As can be seen below, the total number of returns between 2010 and 2015 increased by 1.9 percent, with 361 returns reported in 2015, which was the most recent year available. Between 2010 and 2015, the adjusted gross income class that saw the largest change was \$0-9,999 with a change of 53.6 percent. This compared to the income class of \$20,000-29,999, which saw the lowest percentage change between 2010 and 2015 of -12.8 percent.

Table II.12.32
Number of Tax Returns by Adjusted Gross Income
 Butler County
 Iowa DOR 2002 - 2015

Year	\$0 – 9,999	\$10,000 – 19,999	\$20,000 – 29,999	\$30,000 – 39,999	\$40,000 – 49,999	\$50,000 – 59,999	\$60,000 – 74,999	\$75,000 – 99,999	\$100,000 – 124,999	\$125,000 and above	Total
2002	1,452	1,119	976	746	624	523	478	250	67	52	6,287
2003	1,462	1,063	951	739	621	525	470	317	76	70	6,294
2004	1,394	1,061	947	731	622	526	547	379	96	98	6,401
2005	1,317	1,021	960	715	639	538	596	431	119	142	6,478
2006	1,260	937	958	710	636	513	608	498	142	152	6,414
2007	1,286	961	884	754	648	502	656	567	180	169	6,607
2008	1,187	933	792	714	608	514	623	601	224	232	6,428
2009	1,210	910	797	710	619	523	611	582	205	207	6,374
2010	1,207	930	790	711	631	495	631	590	254	235	6,474
2011	1,241	864	761	744	589	510	604	633	279	280	6,505
2012	1,148	899	799	630	641	466	638	640	343	357	6,561
2013	1,168	871	805	672	645	471	632	684	331	334	6,613
2014	1,198	872	801	711	595	499	604	697	330	340	6,647
2015	1,250	811	830	716	565	469	592	663	343	361	6,600
Change 10 - 15	3.6%	-12.8%	5.1%	0.7%	-10.5%	-5.3%	-6.2%	12.4%	35%	53.6%	1.9%

Diagram II.12.7
2015 Income Distribution
 Butler County
 2015 Iowa DOR Data



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 1,392 in 2010 to 1,416 in 2016, with the poverty rate reaching 9.8 percent in 2016. This compared to a state poverty rate of 11.7 percent and a national rate of 14 percent in 2016. Table II.12.33, at right, presents poverty data for the county.

Year	Persons in Poverty	Poverty Rate
2000	1,109	7.4%
2001	1,097	7.4%
2002	1,148	7.7%
2003	1,170	7.8%
2004	1,335	8.9%
2005	1,389	9.4%
2006	1,338	9.1%
2007	1,388	9.7%
2008	1,338	9.3%
2009	1,452	10.3%
2010	1,392	9.5%
2011	1,435	9.8%
2012	1,310	8.9%
2013	1,367	9.3%
2014	1,454	9.9%
2015	1,340	9.2%
2016	1,416	9.8%

The rate of poverty for Butler County is shown in Table II.12.34. In 2016, there were an estimated 1,289 persons living in poverty. This represented a 8.8 percent poverty rate, compared to 8 percent poverty in 2000. In 2016, some 9.5 percent of those in poverty were under age 6, and 17.6 percent were 65 or older.

Table II.12.34				
Poverty by Age				
Butler 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	133	11.1%	122	9.5%
6 to 17	239	19.9%	307	23.8%
18 to 64	559	46.6%	633	49.1%
65 or Older	268	22.4%	227	17.6%
Total	1,199	100.0%	1,289	100.0%
Poverty Rate	8%	.	8.8%	.

HOUSING

The Census Bureau estimates that the total number of housing units increased by 0.9 percent in Butler County between 2010 and 2016, from 6,682 to 6,743. This compared to an estimated 3.3 percent increase statewide, as shown in Table II.12.35.

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. Single-family building permit authorizations in Butler County increased from 24 authorizations in 2015 to 32 in 2016.

The real value of single-family building permits increased from \$175,382 in 2015 to \$188,951 in 2016. This compares to an increase in permit value statewide, with values rising from \$234,346 in 2015 to \$235,750 in 2016. Additional details are given in Table II.12.36.

Table II.12.35				
Housing Units				
State of Iowa vs. Butler County				
2000 and 2016 Census Data and Intercensal Estimates				
Subject	Iowa	% Growth Since Census	Butler County	% Growth Since Census
2000 Census Base	1,232,625	.	6,578	.
2010 Census	1,336,417	8.4%	6,682	1.6%
July 2011 Estimate	1,341,974	0.4%	6,704	0.3%
July 2012 Estimate	1,346,403	0.7%	6,703	0.3%
July 2013 Estimate	1,353,274	1.3%	6,716	0.5%
July 2014 Estimate	1,362,458	1.9%	6,731	0.7%
July 2015 Estimate	1,370,778	2.6%	6,737	0.8%
July 2016 Estimate	1,380,162	3.3%	6,743	0.9%

Table II.12.36
Building Permits and Valuation
 Butler County
 Census Bureau Data, 1980–2016

Year	Authorized Construction in Permit Issuing Areas					Per Unit Valuation, (Real 2016\$)	
	Single-Family	Duplex Units	Tri- and Four-Plex	Multi-Family Units	Total Units	Single-Family Units	Multi-Family Units
1980	27	0	8	0	35	123,045	0
1981	23	6	0	0	29	122,299	0
1982	23	0	4	0	27	106,919	0
1983	23	0	0	0	23	111,534	0
1984	13	0	0	0	13	121,202	0
1985	9	0	0	0	9	99,678	0
1986	3	0	0	0	3	84,765	0
1987	8	0	0	0	8	104,038	0
1988	5	0	0	0	5	101,049	0
1989	13	0	0	0	13	110,510	0
1990	9	0	0	0	9	110,561	0
1991	20	2	0	0	22	108,340	0
1992	18	0	4	20	42	115,219	45,483
1993	13	0	0	0	13	136,527	0
1994	29	0	0	0	29	130,791	0
1995	21	0	0	0	21	121,817	0
1996	22	0	0	0	22	131,981	0
1997	23	0	0	0	23	125,213	0
1998	24	0	0	0	24	141,909	0
1999	30	2	0	30	62	137,876	44,543
2000	21	0	0	0	21	144,684	0
2001	19	0	0	0	19	146,815	0
2002	38	0	0	0	38	156,697	0
2003	45	0	0	0	45	169,478	0
2004	42	0	0	0	42	172,657	0
2005	39	0	0	0	39	173,176	0
2006	35	0	0	0	35	172,257	0
2007	33	2	0	0	35	208,751	0
2008	215	6	3	30	254	180,482	119,055
2009	55	4	0	0	59	191,622	0
2010	29	0	0	0	29	189,418	0
2011	18	0	0	0	18	169,693	0
2012	30	0	0	0	30	188,173	0
2013	25	0	0	0	25	206,353	0
2014	21	0	0	0	21	189,436	0
2015	24	0	0	0	24	175,382	0
2016	32	2	0	0	34	188,951	0



Diagram II.12.8
Single Family Permits
 Butler County
 Census Bureau Data, 1980–2016

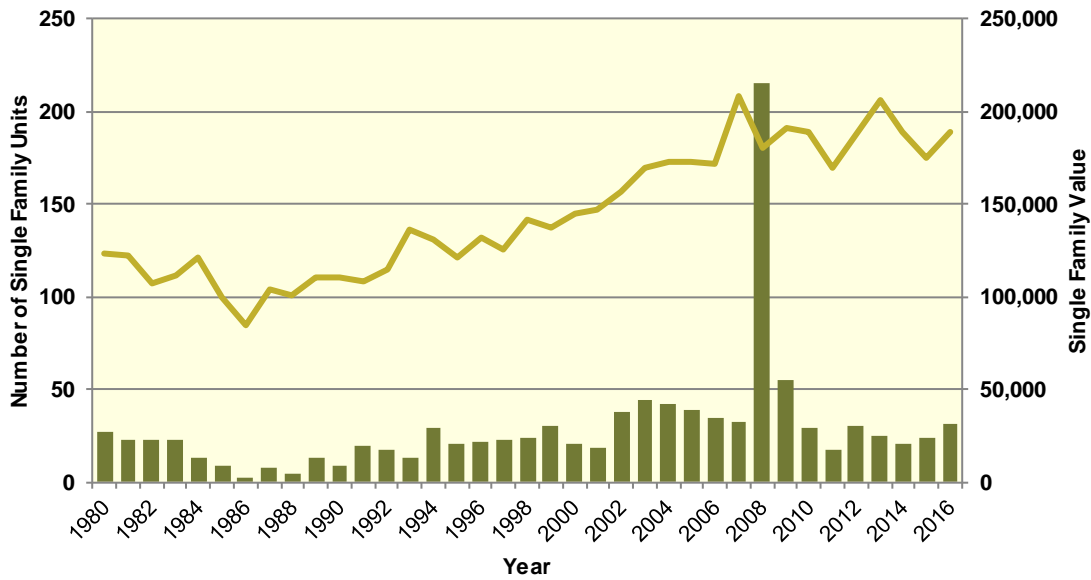
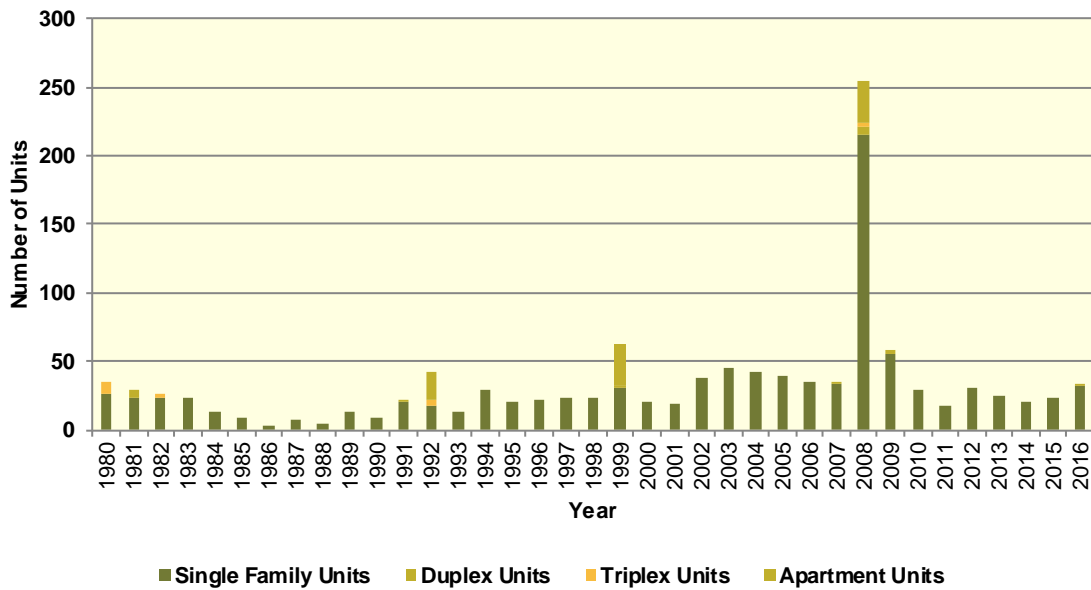


Diagram II.12.9
Total Permits by Unit Type
 Butler County
 Census Bureau Data, 1980–2016



Housing Characteristics

Housing types by unit are shown in Table II.12.37. In 2016, there were 6,735 housing units, up from 6,578 in 2000. Single-family units accounted for 89 percent of units in 2016, compared to 90.9 in 2000. Apartment units accounted for 4.6 percent in 2016, compared to 1.4 percent in 2000.

Table II.12.37				
Housing Units by Type				
Butler 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	5,981	90.9%	5,992	89%
Duplex	94	1.4%	77	1.1%
Tri- or Four-Plex	202	3.1%	210	3.1%
Apartment	93	1.4%	312	4.6%
Mobile Home	204	3.1%	144	2.1%
Boat, RV, Van, Etc.	4	0.1%	0	0%
Total	6,578	100.0%	6,735	100.0%

Some 91.6 percent of housing was occupied in 2010, compared to 93.9 percent in 2000. Owner-occupied housing changed 0.6 percent between 2000 and 2010, ending with owner-occupied units representing 81.6 percent of unit. Vacant units changed by 39.5 percent, resulting in 562 vacant units in 2010.

Table II.12.38					
Housing Units by Tenure					
Butler County					
2000 & 2010 Census SF1 Data					
Tenure	2000 Census		2010 Census		% Change 00-10
	Units	% of Total	Units	% of Total	
Occupied Housing Units	6,175	93.9%	6,120	91.6%	-0.9%
Owner-Occupied	4,964	80.4%	4,994	81.6%	0.6%
Renter-Occupied	1,211	19.6%	1,126	18.4%	-7%
Vacant Housing Units	403	6.1%	562	8.4%	39.5%
Total Housing Units	6,578	100.0%	6,682	100.0%	1.6%

Table II.12.39 shows housing units by tenure from 2010 to 2016. By 2016, there were 6,735 housing units. An estimated 79.6 percent were owner-occupied, and 6.7 percent were vacant.

Table II.12.39				
Housing Units by Tenure				
Butler County				
2010 Census & 2016 Five-Year ACS Data				
Tenure	2010 Census		2016 Five-Year ACS	
	Units	% of Total	Units	% of Total
Occupied Housing Units	6,120	91.6%	6,282	93.3%
Owner-Occupied	4,994	81.6%	5,000	79.6%
Renter-Occupied	1,126	18.4%	1,282	20.4%
Vacant Housing Units	562	8.4%	453	6.7%
Total Housing Units	6,682	100.0%	6,735	100.0%



Households by household size are shown in Table II.12.40. There were a total of 6,120 households in 2010, up from 6,175 in 2000. One person households changed by 6,175 percent between 2000 and 2010, while two person households changed by 4 percent. Three and four person households changed by -7.8 and -15.4 respectively, representing 13.6 percent and 11.6 percent of the population in 2010.

Table II.12.40					
Households by Household Size					
Butler County					
2000 & 2010 Census SF1 Data					
Size	2000 Census		2010 Census		% Change 00-10
	Households	% of Total	Households	% of Total	
One Person	1,543	25%	1,580	25.8%	2.4%
Two Persons	2,408	39%	2,505	40.9%	4%
Three Persons	903	14.6%	833	13.6%	-7.8%
Four Persons	840	13.6%	711	11.6%	-15.4%
Five Persons	340	5.5%	329	5.4%	-3.2%
Six Persons	112	1.8%	113	1.8%	0.9%
Seven Persons or More	29	0.5%	49	0.8%	69%
Total	6,175	100.0%	6,120	100.0%	-0.9%

Households by income is shown in Table II.12.41. Households earning more than \$100,000 per year represented 15.6 percent of households in 2016, compared to 4 percent in 2000. Households earning between \$50,000 and \$74,999 represented 23.7 percent of households in 2016, compared to 19.8 percent in 2000. Meanwhile, households earning less than \$15,000 accounted for 9.7 percent of households in 2016, compared to 16.6 percent in 2000.

Table II.12.41					
Households by Income					
Butler 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	1,017	16.6%	607	9.7%	
\$15,000 to \$19,999	460	7.5%	264	4.2%	
\$20,000 to \$24,999	480	7.8%	323	5.1%	
\$25,000 to \$34,999	1,014	16.5%	639	10.2%	
\$35,000 to \$49,999	1,283	20.9%	1,129	18%	
\$50,000 to \$74,999	1,214	19.8%	1,488	23.7%	
\$75,000 to \$99,999	426	6.9%	855	13.6%	
\$100,000 or More	245	4%	977	15.6%	
Total	6,139	100.0%	6,282	100.0%	

Table II.12.42, shows households by year home built. Housing units built between 2000 and 2009, and 2010 or later, account for 9.2 percent and 1.3 percent of households, respectively. Households built in the 1970's, 1980's, and 1990's account for 14.7 percent, 4.5 percent, and 5.5, respectively. Housing units built prior to 1939 represented 39 percent of households in 2016.

Table II.12.42				
Households by Year Home Built				
Butler 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	2,803	45.4%	2,450	39%
1940 to 1949	511	8.3%	436	6.9%
1950 to 1959	620	10%	659	10.5%
1960 to 1969	525	8.5%	533	8.5%
1970 to 1979	1,044	16.9%	923	14.7%
1980 to 1989	302	4.9%	282	4.5%
1990 to 1999	370	6%	345	5.5%
2000 to 2009	.	.	575	9.2%
2010 or Later	.	.	79	1.3%
Total	6,175	100.0%	6,282	100.0%

The distribution of unit types by race are shown in Table II.12.43. An estimated 90.6 percent of white households occupy single family homes and some 3.6 percent of white households occupied apartments. An estimated 40.9 percent of Asian, and 73.7 percent of American Indian households occupy single family homes.

Table II.12.43							
Distribution of Units in Structure by Race							
Butler County							
2016 Five-Year ACS Data							
Unit Type	White	Black	American Indian	Asian	Native Hawaiian/Pacific Islanders	Other	Two or More Races
Single-Family	90.6%	0%	73.7%	40.9%	0%	0%	40%
Duplex	1%	0%	0%	0%	0%	0%	0%
Tri- or Four-Plex	2.8%	0%	0%	0%	0%	0%	0%
Apartment	3.6%	0%	26.3%	59.1%	0%	0%	60%
Mobile Home	2%	0%	0%	0%	0%	0%	0%
Boat, RV, Van, Etc.	0%	0%	0%	0%	0%	0%	0%
Total	100.0%	100.0%	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.12.44. An estimated 20.8 percent of vacant units were for rent in 2010, a 74.6 percent change since 2000. In addition, some 14.6 percent of vacant units were for sale, a change of 5.1 percent between 2000 and 2010. "Other" vacant units represented 48.6 percent of vacant units in 2010. This is a change of 115 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.12.44 Disposition of Vacant Housing Units Butler County 2000 & 2010 Census SF1 Data					
Disposition	2000 Census		2010 Census		% Change 00-10
	Units	% of Total	Units	% of Total	
For Rent	67	16.6%	117	20.8%	74.6%
For Sale	78	19.4%	82	14.6%	5.1%
Rented or Sold, Not Occupied	68	16.9%	41	7.3%	-39.7%
For Seasonal, Recreational, or Occasional Use	62	15.4%	49	8.7%	-21%
For Migrant Workers	1	0.2%	0	0%	-100%
Other Vacant	127	31.5%	273	48.6%	115%
Total	403	100.0%	562	100.0%	39.5%

The disposition of vacant units between 2010 and 2016 are shown in Table II.12.45. By 2016, for rent units accounted for 25.6 percent of vacant units, while for sale units accounted for 11.7 percent. "Other" vacant units accounted for 43.5 percent of vacant units, representing a total of 197 "other" vacant units.

Table II.12.45 Disposition of Vacant Housing Units Butler County 2010 Census & 2016 Five-Year ACS Data				
Disposition	2010 Census		2016 Five-Year ACS	
	Units	% of Total	Units	% of Total
For Rent	117	20.8%	116	25.6%
For Sale	82	14.6%	53	11.7%
Rented Not Occupied	7	1.2%	8	1.8%
Sold Not Occupied	34	6%	34	7.5%
For Seasonal, Recreational, or Occasional Use	49	8.7%	45	9.9%
For Migrant Workers	0	0%	0	0%
Other Vacant	273	48.6%	197	43.5%
Total	562	100.0%	453	100.0%

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.12.46. In 2016, an estimated 0.8 percent of households were overcrowded, and an additional 0.4 percent were severely overcrowded.

Table II.12.46 Overcrowding and Severe Overcrowding Butler 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	4,939	99.5%	27	0.5%	0	0%	4,966
2016 Five-Year ACS	4,944	98.9%	34	0.7%	22	0.4%	5,000
Renter							
2000 Census	1,194	98.8%	9	0.7%	6	0.5%	1,209
2016 Five-Year ACS	1,261	98.4%	19	1.5%	2	0.2%	6,282
Total							
2000 Census	6,133	99.3%	36	0.6%	6	0.1%	6,175
2016 Five-Year ACS	6,205	98.8%	53	0.8%	24	0.4%	6,282

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 17 households with incomplete plumbing facilities in 2016, representing 0.3 percent of households in Butler County. This is compared to 0.5 percent of households lacking complete plumbing facilities in 2000.

Table II.12.47 Households with Incomplete Plumbing Facilities Butler County 2000 Census SF3 & 2016 Five-Year ACS Data		
Households	2000 Census	2016 Five-Year ACS
With Complete Plumbing Facilities	6,146	6,265
Lacking Complete Plumbing Facilities	29	17
Total Households	6,175	6,282
Percent Lacking	0.5%	0.3%

There were 64 households lacking complete kitchen facilities in 2016, compared to 13 households in 2000. This was a change from 0.2 percent of households in 2000 to 1 percent in 2016.

Table II.12.48 Households with Incomplete Kitchen Facilities Butler County 2000 Census SF3 & 2016 Five-Year ACS Data		
Households	2000 Census	2016 Five-Year ACS
With Complete Kitchen Facilities	6,162	6,218
Lacking Complete Kitchen Facilities	13	64
Total Households	6,175	6,282
Percent Lacking	0.2%	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 Butler County, 10.4 of households had a cost burden and 6.3 percent had a severe cost burden. Some 14.7 percent of renters were cost burdened, and 8.3 percent were severely cost burdened. Owner-occupied households without a mortgage had a cost burden rate of 7 percent and a severe cost burden rate of 5.2 percent. Owner occupied households with a mortgage had a cost burden rate of 11.3 percent, and severe cost burden at 6.2 percent.

Table II.12.49
Cost Burden and Severe Cost Burden by Tenure
 Butler 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	1,605	84%	208	10.9%	96	5%	2	0.1%	1,911
2016 Five-Year ACS	2,146	82.2%	296	11.3%	163	6.2%	6	0.2%	2,611
Owner Without a Mortgage									
2000 Census	1,664	90.1%	104	5.6%	59	3.2%	19	1%	1,846
2016 Five-Year ACS	2,083	87.2%	167	7%	125	5.2%	14	0.6%	2,389
Renter									
2000 Census	623	61.5%	150	14.8%	101	10%	139	13.7%	1,013
2016 Five-Year ACS	842	65.7%	189	14.7%	107	8.3%	144	11.2%	1,282
Total									
2000 Census	3,892	81.6%	462	9.7%	256	5.4%	160	3.4%	4,770
2016 Five-Year ACS	5,071	80.7%	652	10.4%	395	6.3%	164	2.6%	6,282

Housing Problems by Income

Table II.12.50, at right, shows the HUD calculated Median Family Income (MFI) for a family of four for Butler County. As can be seen in 2017 the MFI was \$64,600, which compared to \$69,900 for the State of Iowa.

Table II.12.51, shows Comprehensive Housing Affordability Strategy (CHAS) data for housing problems by tenure and income. As can be seen there are a total of 450 owner-occupied and 98 renter-occupied households with a cost burden of greater than 30 percent and less than 50 percent. An additional 274 owner-occupied 160 renter-occupied households had a cost burden greater than 50 percent of income. Overall there are 5,100 households without a housing problem.

Table II.12.50
Median Family Income
 Butler County
 2000–2017 HUD MFI

Year	MFI	State of Iowa MFI
2000	43,600	49,100
2001	47,300	52,500
2002	48,200	53,700
2003	49,100	54,900
2004	49,500	55,800
2005	50,650	57,650
2006	50,800	57,800
2007	51,000	58,100
2008	51,400	58,500
2009	54,500	62,000
2010	54,900	62,400
2011	60,500	64,000
2012	61,300	64,800
2013	63,400	64,700
2014	62,200	65,300
2015	65,000	67,500
2016	64,800	68,400
2017	64,600	69,900

Table II.12.51
Housing Problems by Income and Tenure

Butler 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	15	15
Overcrowded - With 1.01-1.5 people per room (and none of the above problems)	0	4	20	0	25	49
Housing cost burden greater than 50% of income (and none of the above problems)	145	25	75	4	25	274
Housing cost burden greater than 30% but less than 50% of income (and none of the above problems)	90	95	145	80	40	450
Zero/negative income (and none of the above problems)	20	0	0	0	0	20
Has none of the 4 housing problems	100	285	625	570	2,575	4,155
Total	355	409	865	654	2,680	4,963
Renter-Occupied						
Lacking complete plumbing or kitchen facilities	20	0	10	4	0	34
Severely Overcrowded with > 1.51 people per room (and complete kitchen and plumbing)	0	0	4	0	0	4
Overcrowded - With 1.01-1.5 people per room (and none of the above problems)	0	0	10	0	0	10
Housing cost burden greater than 50% of income (and none of the above problems)	115	30	15	0	0	160
Housing cost burden greater than 30% but less than 50% of income (and none of the above problems)	30	60	4	0	4	98
Zero/negative income (and none of the above problems)	10	0	0	0	0	10
Has none of the 4 housing problems	45	130	260	140	370	945
Total	220	220	303	144	374	1,261
Total						
Lacking complete plumbing or kitchen facilities	20	0	10	4	0	34
Severely Overcrowded with > 1.51 people per room (and complete kitchen and plumbing)	0	0	4	0	15	19
Overcrowded - With 1.01-1.5 people per room (and none of the above problems)	0	4	30	0	25	59
Housing cost burden greater than 50% of income (and none of the above problems)	260	55	90	4	25	434
Housing cost burden greater than 30% but less than 50% of income (and none of the above problems)	120	155	149	80	44	548
Zero/negative income (and none of the above problems)	30	0	0	0	0	30
Has none of the 4 housing problems	145	415	885	710	2,945	5,100
Total	575	629	1,168	798	3,054	6,224

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 below only owner-occupied originated loans for single family units were considered. As can be seen in Table II.12.52, of the 376 loans in 2016, 143 loans were for Home Purchases, 45 were for Home Improvement and 188 were for refinancing.



Table II.12.52				
Owner-Occupied Single Family Home Loans by Loan Type				
Butler County				
2008 – 2016 HMDA Data				
Year	Home Purchase	Home Improvement	Refinancing	Total
2008	173	36	151	360
2009	142	30	271	443
2010	146	12	265	423
2011	97	12	225	334
2012	135	18	267	420
2013	124	27	210	361
2014	124	32	153	309
2015	146	50	185	381
2016	143	45	188	376

Table II.12.53, shows the average loan value by loan type. In 2008, average home purchase loans was \$100,844 in 2012 and \$111,804 in 2016. Overall, average loans were \$99,661 in 2008 and \$98,535 in 2016.

Table II.12.53				
Owner-Occupied Single Family Home Loans by Average Loan Amount				
Butler County				
2008 – 2016 HMDA Data				
Year	Home Purchase	Home Improvement	Refinancing	Total
2008	\$95,457	\$37,194	\$119,371	\$99,661
2009	\$114,458	\$33,833	\$124,133	\$114,916
2010	\$94,555	\$54,750	\$125,906	\$113,066
2011	\$112,794	\$61,000	\$110,764	\$109,566
2012	\$100,844	\$49,667	\$119,528	\$110,529
2013	\$107,129	\$45,667	\$115,467	\$107,382
2014	\$91,427	\$29,844	\$102,954	\$90,757
2015	\$97,979	\$44,160	\$102,649	\$93,184
2016	\$111,804	\$37,933	\$102,947	\$98,535

Table II.12.54, shows the total volume of owner-occupied single family loans. In 2008, average home purchase loans was \$13,614,000 in 2012 and \$15,988,000 in 2016. Overall, average loans were \$35,878,000 in 2008 and \$37,049,000 in 2016.

Table II.12.54 Total Volume of Owner-Occupied Single Family Loans Butler County 2008 – 2016 HMDA Data				
Year	Home Purchase	Home Improvement	Refinancing	Total
2008	\$16,514,000	\$1,339,000	\$18,025,000	\$35,878,000
2009	\$16,253,000	\$1,015,000	\$33,640,000	\$50,908,000
2010	\$13,805,000	\$657,000	\$33,365,000	\$47,827,000
2011	\$10,941,000	\$732,000	\$24,922,000	\$36,595,000
2012	\$13,614,000	\$894,000	\$31,914,000	\$46,422,000
2013	\$13,284,000	\$1,233,000	\$24,248,000	\$38,765,000
2014	\$11,337,000	\$955,000	\$15,752,000	\$28,044,000
2015	\$14,305,000	\$2,208,000	\$18,990,000	\$35,503,000
2016	\$15,988,000	\$1,707,000	\$19,354,000	\$37,049,000

Survey of Rental Properties

From September through December of 2017, a telephone survey was conducted with landlords and rental property managers throughout Iowa. Table II.12.55 presents some basic statistics about the completed surveys.

Table II.12.55 Survey of Rental Properties Butler County 2017 Survey of Rental Properties				
Year	Completed Surveys	Total Units	Vacancy Rate	Absorption Rate
2017	9	219	5.5	32.7

Table II.12.56, shows the amount of total and vacant units with their associated vacancy rates. At the time of the survey, there were an estimated 22 single family units in Butler County, with 0 of them available. This translates into a vacancy rate of 0 percent in Butler County, which compares to a single family vacancy rate of 6.7 percent for the State of Iowa. There were 159 apartment units reported in the survey, with 1 of them available, which resulted in a vacancy rate of 0.6 percent. This compares to a statewide vacancy rate of 6.7 percent for apartment units across the state.

Table II.12.56 Rental Vacancy Survey by Type Butler County 2017 Survey of Rental Properties			
Unit Type	Total Units	Vacant Units	Vacancy Rate
Single Family	22	0	0%
Apartments	159	1	0.6%
Mobile Homes	38	5	13.2%
“Other” Units	0	0	0%
Don’t Know	0	6	
Total	219	12	5.5%

Table II.12.57, reports units by bedroom size. As can be seen there were 40 two bedroom apartment units and 4 three bedroom units. Overall, the 43 two bedroom units accounted for 19.6 percent of all units, and the 7 three bedroom units accounted for 3.2 percent. Several respondents choose not to provide bedroom sizes, which accounted for the 84 units listed as “Don’t Know”. Additional details for additional unit types are reported found below.

Table II.12.57 Rental Units by Bedroom Size Butler 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	4	80	0	0	.	84
Two	3	40	0	0	.	43
Three	3	4	0	0	.	7
Four	1	0	0	0	.	1
Don’t Know	11	35	38	0	0	84
Total	22	159	38	0	0	219

Table II.12.58, at right, displays the vacancy rate of single family units by the number of bedrooms. One-bedroom units were the most common type of reported single family unit, which had a vacancy rate of 0 percent.

Table II.12.58 Single Family Units by Bedroom Size Butler County 2017 Survey of Rental Properties			
Number of Bedrooms	Units	Available Units	Vacancy Rates
Studio	0	0	0%
One	4	0	0%
Two	3	0	0%
Three	3	1	33.3%
Four	1	0	0%
Don’t know	11	0	0%
Total	22	0	0%

Table II.12.59 displays the vacancy rate of apartment units by the number of bedrooms. The most common apartment units were one-bedroom units, which had a vacancy rate of 0 percent.

Table II.12.59 Apartment Units by Bedroom Size Butler County 2017 Survey of Rental Properties			
Number of Bedrooms	Units	Available Units	Vacancy Rates
Efficiency	0	0	0%
One	80	0	0%
Two	40	0	0%
Three	4	0	0%
Four	0	0	0%
Don’t know	35	1	2.9%
Total	159	1	0.6%

Average market-rate rents by unit type are shown in Table II.12.60. 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 had higher rents.

Table II.12.60					
Average Market Rate Rents by Bedroom Size					
Butler County					
2017 Survey of Rental Properties					
Number of Bedrooms	Single Family Units	Apartment Units	Mobile Homes	“Other” Units	Total
Efficiency	\$0	\$0	\$0	\$0	\$0
One	\$400	\$457	\$0	\$0	\$428.5
Two	\$475	\$534.3	\$360	\$0	\$487.6
Three	\$550	\$806	\$450	\$0	\$589
Four	\$700	\$0	\$0	\$0	\$700
Total	\$536.1	\$552.7	\$405	\$0	\$532.5

Table II.12.61, shows vacancy rates for single family units by average rental rates for Butler County.

Table II.12.61			
Single Family Market Rate Rents by Vacancy Status			
Butler County			
2017 Survey of Rental Properties			
Average Rents	Single Family Units	Available Single Family Units	Vacancy Rate
Less Than \$500	19	0	0%
\$500 to \$750	2	0	0%
\$750 to \$1,000	0	0	0%
\$1,000 to \$1,250	0	0	0%
\$1,250 to \$1,500	0	0	0%
Above \$1,500	0	0	0%
Missing	1	0	0%
Total	22	0	0%

The average rent and availability of apartment units is displayed in Table II.12.62. The most common rent for apartment rents was between 500 and 750 dollars and the units in this price range had a vacancy rate of 0 percent.

Table II.12.62			
Apartment Market Rate Rents by Vacancy Status			
Butler County			
2017 Survey of Rental Properties			
Average Rents	Apartment Units	Available Apartment Units	Vacancy Rate
Less Than \$500	8	0	0%
\$500 to \$750	48	0	0%
\$750 to \$1,000	0	0	0%
\$1,000 to \$1,250	0	0	0%
\$1,250 to \$1,500	0	0	0%
Above \$1,500	0	0	0%
Missing	103	1	1%
Total	159	1	0.6%

Respondents were asked if utilities are included in the rent and as shown in Table II.12.63 below 5 respondents, or 62.5 percent, included some sort of utility in the rent.

Table II.12.63 Are there any utilities included with the rent? Butler County 2017 Survey of Rental Properties	
Period	Respondent
Yes	5
No	3
% Offering Utilities	62.5%

The type of utility included in the rent is shown in Table II.12.64. There were 2 respondents who included electricity, 2 respondents who included natural gas, 4 respondents who included water and sewer and 5 respondents included trash collection in the rent.

Table II.12.64 Which utilities are included with the rent? Butler County 2017 Survey of Rental Properties	
Type of Utility Provided	Respondent
Electricity	2
Natural Gas	2
Water/Sewer	4
Trash Collection	5

Accessible Rental Properties

The survey also asked respondents if any of their units were accessible to persons with disabilities. As can be seen in, Table II.12.65 below, there were 2 single family units which property managers considered accessible, with an additional 9 accessible apartment units. In addition to the units shown below there were 3 mobile homes and 0 “other” units, which property managers deemed accessible to persons with a disability. Respondents also indicated there were a total of 12 persons with disabilities currently residing in accessible units.

Table II.12.65 Accessible Units by Bedroom Size Butler 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	6	0	0		6
Two	0	1	0	0		1
Three	1	0	0	0		1
Four	0	0	0	0		0
Don’t Know	1	2	3	0	0	6
Total	2	9	3	0	0	14

Table II.12.66, shows the breakdown of accessible and not accessible single family units by bedroom size. As can be seen 0 percent or 0 two bedroom single family units are accessible, with 33.3 percent of three bedroom units were considered accessible. Overall, 9.1 percent of all single family units were considered accessible by survey respondents.

Table II.12.66				
Single Family Units by Accessibility and Bedroom Size				
Butler County				
2017 Survey of Rental Properties				
Number of Bedrooms	Not Accessible	Accessible Units	Single Family Units	Percentage Accessible
Studio	0	0	0	%0
One	4	0	4	0%
Two	3	0	3	0%
Three	2	1	3	33.3%
Four	1	0	1	0%
Don't know	10	1	11	9.1%
Total	20	2	22	9.1%

Table II.12.67, shows the breakdown of accessible and not accessible apartment units by bedroom size. As can be seen 2.5 percent or 1 two bedroom apartment units are accessible, with 0 percent of three bedroom units were considered accessible. Overall, 5.7 percent of all apartment units were considered accessible by survey respondents.

Table II.12.67				
Apartment Units by Accessibility and Bedroom Size				
Butler County				
2017 Survey of Rental Properties				
Number of Bedrooms	Not Accessible	Accessible Units	Apartment Units	Percentage Accessible
Studio	0	0	0	0%
One	74	6	80	7.5%
Two	39	1	40	2.5%
Three	4	0	4	0%
Four	0	0	0	0%
Don't know	33	2	35	5.7%
Total	150	9	159	5.7%

Perceived Need for Rental Units

Table II.12.68, at right, shows the number of survey respondents who keep a waiting list. As can be seen 3 respondents said they keep a waitlist, with an estimated 4 number of persons on the wait list.

Table II.12.68 Do you keep a waiting list? Butler County 2017 Survey of Rental Properties	
Period	Respondent
Yes	3
No	4
Waitlist Size	4

Respondents were also asked how they would rate the need for renovating existing units. As shown in Table II.12.69, 2 respondents said there was no need for renovating single family units, with 0 respondents saying there was extreme need for renovating single family units. Likewise, 2 respondents indicated no need for renovating existing apartment units, with 0 respondents saying there was extreme need for renovating existing apartment units.

Table II.12.69 How would you rate the need for renovation of existing units in the city? Butler County 2017 Survey of Rental Properties				
Need	Single Family	Apartments	Mobile Homes	Other Units
No Need	2	2	2	2
Low Need	0	0	0	0
Moderate Need	2	1	1	1
High Need	0	0	0	0
Extreme Need	0	0	0	0
Average Need	2	1.7	1.7	1.7

Respondents were also asked how they would rate the need for the constructing new units. As shown in Table II.12.70, 2 respondents said there was no need for new single family units, with 0 respondents saying there was extreme need for constructing new single family units. Likewise, 2 respondents indicated no need for new apartment units, with 0 respondents saying there was extreme need for constructing new apartment units.

Table II.12.70 How would you rate the need for construction of new units in the city? Butler County 2017 Survey of Rental Properties				
Need	Single Family	Apartments	Mobile Homes	Other Units
No Need	2	2	2	2
Low Need	0	0	0	0
Moderate Need	2	1	1	1
High Need	1	1	1	1
Extreme Need	0	0	0	0
Average Need	2.4	2.2	2.2	2.2

The 2017 Housing Needs Forecast reports housing demand projections from 2017 to 2050. Three possible economic futures portraying moderate, strong, and very strong growth were used to create

three forecasts. The strong scenario is the base case, representing conditions as of today. The *moderate growth* scenario forecast projects household growth with the assumption of slower population and employment growth, where the *very strong growth* scenario incorporates assumptions of much stronger employment and population growth over the forecast horizon.

The primary objective of offering three alternative forecasts is to enhance planning capacity and to provide additional tools in order to assist state and local governments in their ongoing housing needs assessment, thereby facilitating informed discussion about housing demand at the local community level. These forecasts prove useful when interpreting the need for new or rehabilitated housing and whether single-family or rental housing activities might be best undertaken.

All three forecasts span the period of 2016 through 2050 and offer predictions of the demand for housing. However, only the strong growth scenario is reported here. The moderate and very strong scenarios are reported in the appendix.

This report uses the modified population projections based on projections released from Woods & Poole Economic, Inc (W&P).

Income categories were calculated using the Housing and Urban Development CHAS (Comprehensive Housing Affordability Strategy) data and are expressed as a percentage of area Median Family Income (MFI). This distribution is assumed to remain constant over the forecast horizon. Homeownership rates were forecasted based on historical trends.

Table II.12.71, shows the *strong growth scenario* for the Butler County. As can be seen there were 5,000 owner-occupied and 1,282 renter-occupied households in 2016, for a total of 6,282 households. In 2030, there will be a projected 6,456 households, of which 5,196 are projected to be owner occupied and the remaining 1,260 are expected to be renter-occupied.

By 2050, there are projected to be 5,154 owner-occupied households, of which 369 owner-occupied households are expected to have incomes of 0-30 percent of MFI and 894 are projected to have incomes of 50.1-80.0 percent of MFI. In 2050, there are projected to be 1,214 renter households, of which 216 renter households are expected to have incomes between 0 and 30.0 percent of median family income 287 renter households with incomes between 50.1-80.0 percent of MFI. Overall households are projected to reach 6,368 occupied units by 2050, of which 585 are expected to have incomes on between 0 and 30 percent of MFI.

Table II.12.72
Housing Demand Forecast
 Butler County
 Strong Growth Scenario

Income (% of MFI)	2016	2020	2025	2030	2035	2040	2045	2050
Owner								
0-30%	358	367	370	372	373	372	371	369
30.1-50%	408	419	422	424	425	425	423	421
50.1-80%	867	890	896	901	903	902	898	894
80.1-95%	494	507	511	513	514	514	512	509
95.1-115%	570	584	589	592	593	592	590	587
115+%	2,303	2,364	2,381	2,394	2,399	2,396	2,387	2,374
Total	5,000	5,131	5,168	5,196	5,207	5,200	5,181	5,154
Renter								
0-30%	228	226	225	224	223	221	218	216
30.1-50%	218	216	215	214	213	211	209	206
50.1-80%	303	300	299	297	296	293	290	287
80.1-95%	122	120	120	119	119	118	117	115
95.1-115%	145	144	143	142	141	140	139	137
115+%	267	265	264	263	261	259	256	253
Total	1,282	1,271	1,265	1,260	1,252	1,242	1,229	1,214
Total								
0-30%	586	593	595	596	595	593	589	585
30.1-50%	626	635	637	638	638	636	632	627
50.1-80%	1,170	1,190	1,195	1,198	1,199	1,195	1,189	1,180
80.1-95%	615	627	631	633	633	631	628	624
95.1-115%	714	728	732	734	735	733	729	724
115+%	2,571	2,629	2,645	2,657	2,660	2,655	2,643	2,627
Total	6,282	6,402	6,434	6,456	6,459	6,442	6,410	6,368