



Update to Final Plan: August, 2005

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# COMPREHENSIVE USE

Brunswick Hills Township, Medina

This section provides basic information regarding Brunswick Hills Township's demographic characteristics and for comparison purposes follows the format established in the 2005 Comprehensive Land Use Plan.

The following tables analyze the demographic characteristics of Brunswick Hills Township between 2000 and 2010. Where applicable, comparisons to Medina County have been provided. In Section 1, in addition to 2010 Census Bureau results, population estimates using United States Census Bureau data collected from the American Community Survey (ACS) in 2014 and 2015 are presented for evaluation of growth trends for future planning. An explanation of the American Community Survey and how it is being used to supplement and compliment the United States Census is explained in Appendix A.

## 1. Total Population

	2000	2010	Difference	2010 population % Difference growth over 2000
Brunswick Hills Township Population	5466	9898	4432	81.1%

Source: United States Census Bureau, American Fact Finder, DP-1 Profile of General Population and Housing

Characteristics: 2010, Summary File 1

[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC\\_10\\_SF1\\_SF1DP1&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_10_SF1_SF1DP1&prodType=table)

During the decade spanning 2000-2010, the average population growth rate per year locally, regionally, and nationally was as follows:

- Brunswick Hills Township 8.1%<sup>2</sup>
- National 9.7%<sup>1</sup>
- State of Ohio 1.6%<sup>1</sup>
- Medina County 1.4%<sup>2</sup>

Between 2000 and 2010, despite the annexation of Township lands (over 220 acres), Brunswick Hills Township's growth rate of 81% (average of 8.1% per year) surpassed Medina County's growth rate of approximately 14% (average of 1.4% per year).

### Population Growth Patterns Medina County, Brunswick Hills Township:

	2000	2010	2010 population growth over 2000	Total % growth for the decade	% growth per year	2014 population estimate	2014 population growth over 2010	Total % growth for 4 years	% growth per year	2015 estimate	2015 population growth over 2014	%
Brunswick Hills	5466	9898	4432	81%	8.1%	10,244	346	3.5%	.7%	10,316	72	.7%
Medina County	151,095	172,332	21237	14%	1.4%	175,963	3631	2.1%	.5%	176,395	432	.2%

Ohio Department of Development, Ohio 2010 Census Population for counties

<https://www.development.ohio.gov/files/research/P1003.pdf>

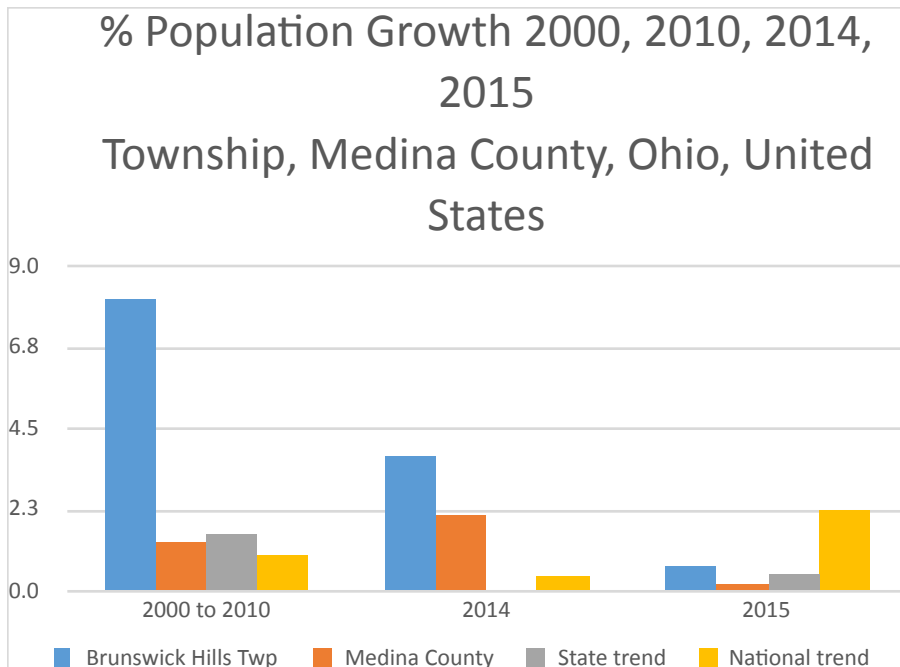
<sup>1</sup> <https://www.census.gov/prod/cen2010/briefs/c2010br-01.pdf>

<sup>2</sup> Ohio Department of Development, Ohio 2010 Census Population for counties  
<https://www.development.ohio.gov/files/research/P1003.pdf>

As of July 1, 2015, Brunswick Hills Township was estimated by the Ohio Research Office, a state affiliate of the United States Census Bureau, to have a population of 10,316, a 4.2% growth annual growth rate over 2010.<sup>1</sup> For perspective, during that same period, population growth in Medina County was 2.4%.

Note: Population growth in Medina County and Brunswick Hills Township from 2010 to 2014 and 2015 (using 2010 census data and American Fact Finder Survey data for 2014 and 2015 estimates) is slowing compared to the high growth rate between 2000 and 2010. Nationally, population growth slowed between 2010 and 2014 but took a turn upward according to the 2015 American Fact Finder Survey. See table below.

<sup>1</sup><https://development.ohio.gov/files/research/P5027.pdf>



**Sources:**

**Federal:**

2000: <http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=CF>

2010: [http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC\\_10\\_DP\\_DPDP1&src=pt](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_10_DP_DPDP1&src=pt)

2014: [http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_14\\_5YR\\_DP05&src=pt](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_14_5YR_DP05&src=pt)

2015: <https://www.census.gov/quickfacts/table/PST045215/00>

**Ohio Townships:**

2000: <https://development.ohio.gov/files/research/P1005.pdf>

2010: <http://www.ohiotownships.org/sites/default/files/twp%20rank%202010%20census.pdf>

2014, 2015 estimates: <https://www.development.ohio.gov/files/research/P5027.pdf>

**Ohio Counties:**

2000, 2010: <https://www.development.ohio.gov/files/research/P1003.pdf>

2014, 2015 estimates: <https://www.development.ohio.gov/files/research/P5027.pdf>

**State of Ohio:**

2000, 2010 United States Census Bureau, Population Distribution and Change 2000 to 2010, March 2011; <https://www.census.gov/prod/cen2010/briefs/c2010br-01.pdf>

2014 United States Census Bureau, American Fact Finder, ACS Demographic and Housing Estimates, 2010-2014 American Community Survey 5-Year Estimates; <http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=CF>

2015 United States Census Bureau, Quickfacts, Ohio, Table PST045215/39; <http://www.census.gov/quickfacts/table/PST045215/39>

## 2. Total Households

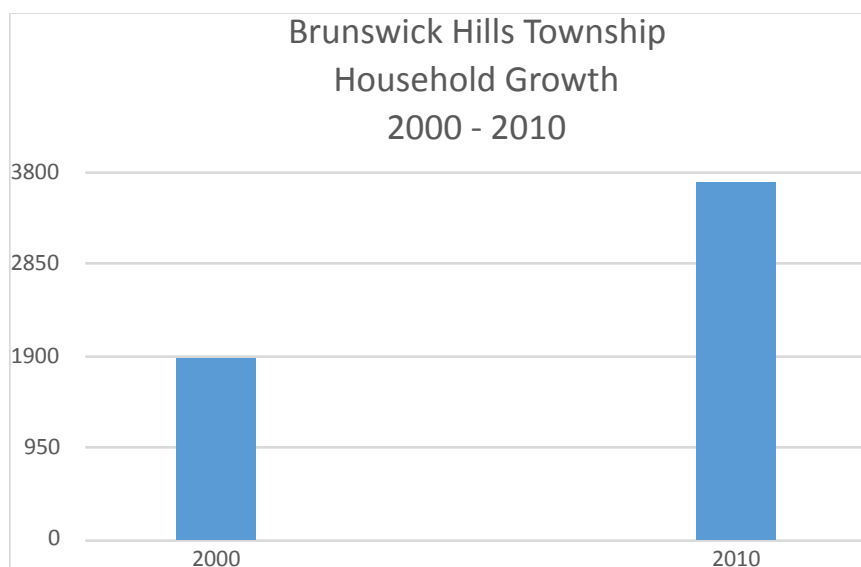
Total Households significantly increased (almost doubled) between 2000 and 2010. The household size and family size decreased between 2000 and 2010.

2000: Average household size: 2.84      Average family size was 3.24

2010: Average household size: 2.67      Average family size was 3.13

The number of households increased at a higher rate than the total population as a result of declining household sizes. <sup>1</sup>

	2000	2010	difference	% difference
# of Households	1891	3707	1816	96%



2010 United States Census Bureau, American Fact Finder, 2010 Census Summary File 1, [http://factfinder.census.gov/faces/tables/services/jsf/pages/productview.xhtml?pid=DEC\\_10\\_SF1\\_QTP11&prodType=table](http://factfinder.census.gov/faces/tables/services/jsf/pages/productview.xhtml?pid=DEC_10_SF1_QTP11&prodType=table)

2014 United States Census Bureau, American Fact Finder, [http://factfinder.census.gov/faces/tables/services/jsf/pages/productview.xhtml?pid=ACS\\_14\\_5YR\\_S1101&prodType=table](http://factfinder.census.gov/faces/tables/services/jsf/pages/productview.xhtml?pid=ACS_14_5YR_S1101&prodType=table)

The growth in households between 2000 and 2010 averaged 9.6% per year over a 10-year period. The annual rate of growth of households (9.6%) grew at a higher rate than the total county population (8.1%). This is consistent with national and state trends of smaller household sizes. <sup>1</sup>

<sup>1</sup> The national household size declined slightly over the same time period from 2.59 people per household to 2.58 people per household. United States Census Bureau 2010 Census Briefs, Households and Families 2010; April 2012

<https://www.census.gov/prod/cen2010/briefs/c2010br-14.pdf>

### 3. Age Distribution

The table and chart below illustrate the variation in Brunswick Hills Township's population growth across age cohorts. All age groups have experienced growth.

Most significant growth in %:

Age groupings over 200% growth (senior population):

- 80-84 years (increased by 77 translating to a growth rate of 240.6% over 2000)
- 85 years and over (increased by 76 translating to a growth rate of 205.4% over 2000)
- 55-59 years (increased by 418 translating to a growth rate of 201.9% over 2000)

Age groupings over 100% growth:

- 60-64 year olds (increased by 358 translating to a growth rate of 164.2% over 2000)
- 75-79 year olds (increased by 115 translating to a growth rate of 159.7% over 2000)
- 65-69 year olds (increased by 233 translating to a growth rate of 151.3% over 2000)
- 70-74 year olds (increased by 137 translating to a growth rate of 135.6% over 2000)
- **25-29 year olds** – In the 1990-2000 Comprehensive Land Use Plan this age cohort experienced a 31% decline.

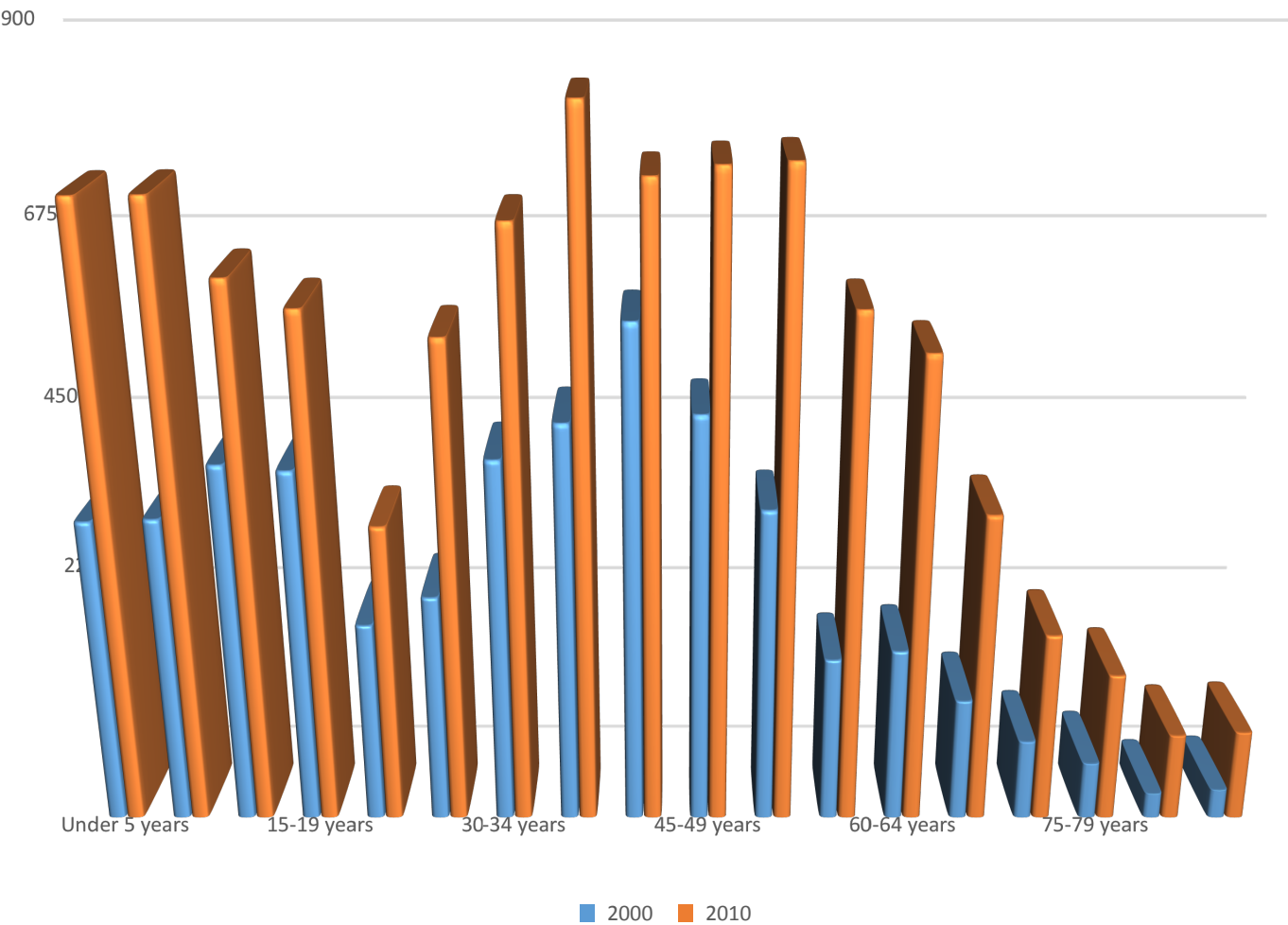
Between 2000 and 2010 this category grew by 308. The net gain of 180 reversed and eclipsed the 1990-2000 decline of 128.

- 50-54 year olds (increased by 393 translating to a growth rate of 100% over 2000)

	2000	2010	Difference	% difference	% of 2010 Total
Under 5 years	379	749	370	97.6	7.6
5-9 years	382	750	368	96.3	7.6
10-14 years	447	660	213	47.7	6.7
15-19 years	440	626	186	42.3	6.3
20-24 years	251	373	122	48.6	3.8
25-29 years	286	594	308	107.7	6
30-34 years	453	722	269	59.4	7.3
35-39 years	496	851	355	71.6	8.6
40-44 years	612	770	158	25.8	7.8
45-49 years	506	782	276	54.5	7.9
50-54 years	393	786	393	100	7.9
55-59 years	207	625	418	201.9	6.3
60-64 years	218	576	358	164.2	5.8
65-69 years	154	387	233	151.3	3.9
70-74 years	101	238	137	135.6	2.4
75-79 years	72	187	115	159.7	1.9
80-84 years	32	109	77	240.6	1.1
85 years and over	37	113	76	205.4	1.1

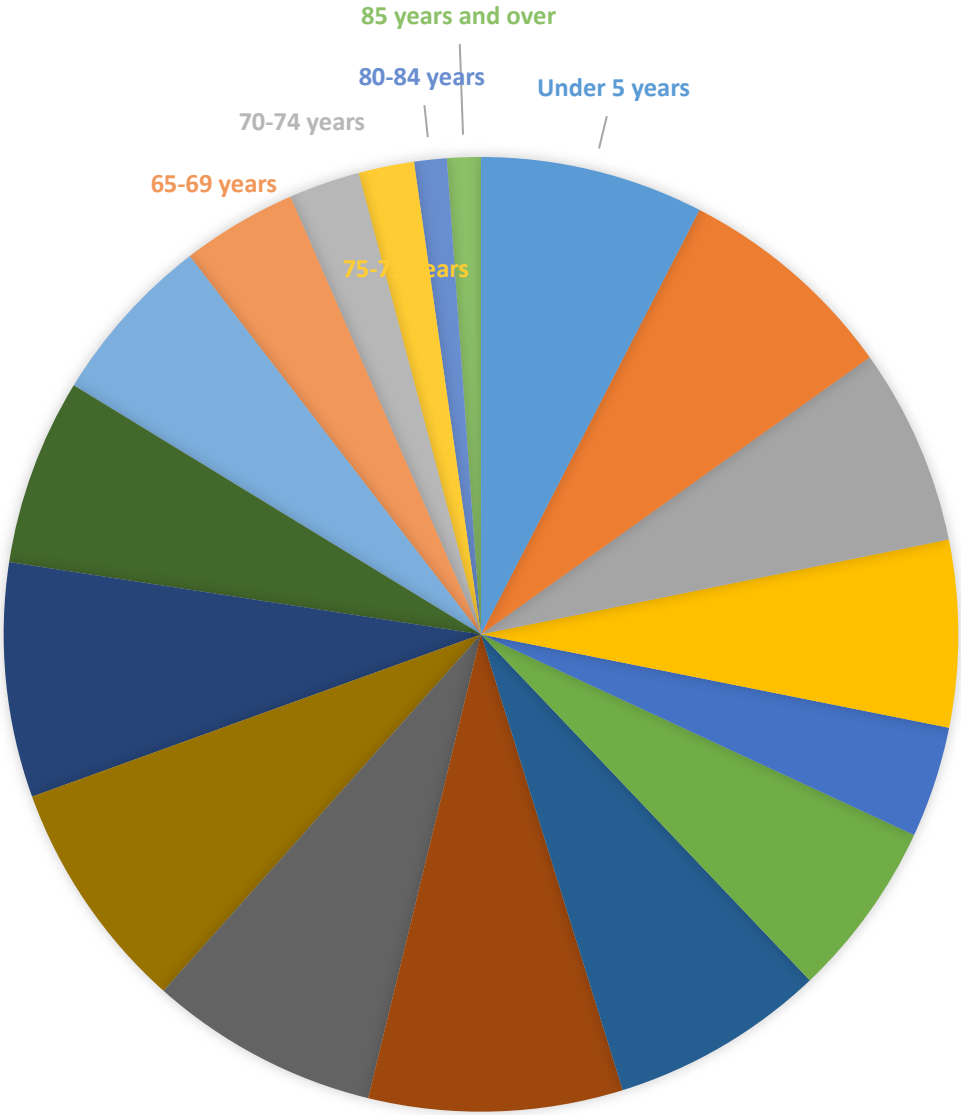
Source: U.S. Census Summary File 1, Profile of General Population and Housing Characteristics: 2010  
U.S. Census Summary File 3, 1990 and 2000 (STF 3 – Sample Data)

Proportion of Total Population by Age Cohort, 2000 to 2010



Source: U.S. Census Summary File 1, Profile of General Population and Housing Characteristics: 2010  
U.S. Census Summary File 3, 1990 and 2000 (STF 3 – Sample Data)

*Proportion of Total Population by Age Cohort, 2010*  
*Source: U.S. Census Summary File 1, Profile of General Population and Housing Characteristics: 2010*  
*U.S. Census Summary File 3, 1990 and 2000 (STF 3 – Sample Data)*





#### 4. Residence in 1995/2005, State/County Level

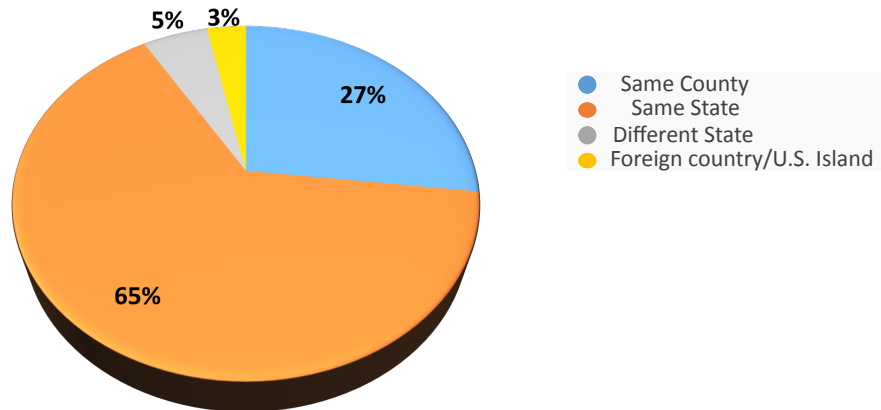
Table 4 presents the residence of origin for Brunswick Hills Township residents who relocated into the Township five years prior to the census. Note: the Census Bureau no longer drills down to region of origin for those who relocate into the state from outside of the state. Thus the categories of Northeast, Midwest, South, and West from 2000 were totaled and the total compared to the 2005 data. See Appendix B.

	2000		2010		Difference 1995 to 2005	% of 2010 population
Total population in Census year	5466		9898			100%
Different house in United States in 1995/2005						
Same County	729		247	2.50%	-482	2.50%
Different County						
Same State	894		594	6.0%	-300	6.0%
Different State total of Northeast, Midwest, South and West rows below)	145		49	0.5%	-96	0.50%
Northeast (not broken out after 2000)	5					
Midwest (not broken out after 2000)	13					
South (not broken out after 2000)	71					
West (not broken out after 2000)	56					
Abroad in 1995/2000:						
Foreign country/U.S. Island	7		30	0.30%	23	0.30%

\*the sum of the starred regions are totaled under the "Different State" category with the heading 2000 and are compared to the equivalent category in 2010.

Source: [http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_10\\_5YR\\_S0701&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_10_5YR_S0701&prodType=table)

## Relocation to Brunswick Hills Township broken down by residence of origin



### 5. Travel Time to Work

The following table and chart indicate a general growth in the numbers of commuters. The reader should note that the travel time categories were adjusted after the 2000 Census. Specifically, after the 2000 Census:

- 1) 5 to 9 minutes became less than 10 minutes (which the United States Census Bureau, American Community Survey has documented via a phone call is not included in the "work at home category)
- 2) 35 to 39 minutes and 40 to 44 minutes were combined into one category, 35 to 44 minutes
- 3) 60 to 89 minutes and 90 or more minutes were combined into one category, 60 or more minutes
  - Every commute category saw an increase between 2000 and 2010.
  - The greatest growth rate was for workers who worked at home, followed by less than 10 minutes travelled (which accounted for 13% of all commuters).
  - 50% of commuters travel over 10 to 14 minutes, and 50% travel less than 10 to 14 minutes.
  - The mean travel time to work was 30.5 minutes.

See Appendix C.

#### *Travel Time to Work, 2000 and 2010 Compared*

<i>2000 Census Categories</i>	<i>2000</i>	<i>2010 Census Categories</i>	<i>2010</i>	<i>Difference</i>	<i>% Difference</i>
5 to 9 minutes	155	Not calculated for Brunswick Hills Township in 2010 Census *			
<i>Less than 10 minutes travel time total</i>	<b>155</b>	<i>Less than 10 minutes travel time total</i>	<b>386</b>	231	<b>149.0</b>
10 to 14 minutes	<b>350</b>	10 to 14 minutes	<b>539</b>	189	<b>54.0</b>
15 to 19 minutes	<b>292</b>	15 to 19 minutes	<b>434</b>	142	<b>48.6</b>

20 to 24 minutes	<b>363</b>	20 to 24 minutes	<b>429</b>	66	<b>18.2</b>
25 to 29 minutes	<b>183</b>	25 to 29 minutes	<b>395</b>	212	<b>115.8</b>
30 to 34 minutes	<b>538</b>	30 to 34 minutes	<b>691</b>	153	<b>28.4</b>
35 to 39 minutes	136	*			
40 to 44 minutes	225	*			
<i>35 to 44 minutes total</i>	<b>361</b>	<i>35 to 44 minutes total</i>	<b>682</b>	321	<b>88.9</b>
45 to 59 minutes	<b>439</b>	45 to 59 minutes	<b>854</b>	415	<b>94.5</b>
60 to 89 minutes	186	*			
90 or more minutes	26	*			
<i>60 or more minutes total</i>	<b>212</b>	<i>60 or more minutes total</i>	<b>362</b>	150	<b>70.8</b>
Worked at home	<b>95</b>		<b>258</b>	163	<b>171.6</b>
<b>Total Workers</b>	<b>2988</b>		<b>**4772</b>		

Source: 2006-2010 American Community Survey 5-Year Estimates American Fact Finder, Community Characteristics by Sex, S0801

### Travel Time to Work, Change in Proportions 2000 - 2010

<i>2000 Census Categories</i>	<i>Percent of 2000 Total</i>	<i>Percent of 2010 Total</i>	<i>Difference 2000 - 2010 Percent of Total</i>
Less than 5 minutes*	1.26%		
5 to 9 minutes*	5.12%		
<i>Less than 10 minutes travel time total</i>	<b>6.38%</b>	<b>8.10%</b>	<b>1.72%</b>
10 to 14 minutes	<b>11.57%</b>	<b>11.30%</b>	<b>-0.27%</b>
15 to 19 minutes	<b>9.65%</b>	<b>9.10%</b>	<b>-0.55%</b>
20 to 24 minutes	<b>12%</b>	<b>9.00%</b>	<b>-3.00%</b>
25 to 29 minutes	<b>6.05%</b>	<b>8.30%</b>	<b>2.25%</b>

30 to 34 minutes		<b>17.78%</b>		<b>14.50%</b>		<b>-3.28%</b>
35 to 39 minutes**		4.49%				
40 to 44 minutes**		7.44%				
<i>35 to 44 minutes total</i>		<b>11.93%</b>		<b>14.30%</b>		<b>2.37%</b>
45 to 59 minutes		<b>14.51%</b>		<b>17.90%</b>		<b>3.39%</b>
60 to 89 minutes***		6.15%				
90 or more minutes***		0.86%				
<i>60 or more minutes total</i>		<b>7.01%</b>		<b>7.60%</b>		<b>0.59%</b>
Worked at home		<b>3.14%</b>		<b>5.40%</b>		<b>2.26%</b>

\*figures added together equal *Less than 10 minutes travel time total*

\*\*figures added together equal *35 to 44 minutes total*

\*\*\*figures added together equal *60 or more minutes total*

Source: *Comprehensive Land Use Plan, 2005; US Census Bureau American Fact Finder, S0801, Commuting Characteristics by Sex*

[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_10\\_5YR\\_S0801&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_10_5YR_S0801&prodType=table)

## 6. Household Income in Previous Year

	<b>2000</b>	<b>2010</b>	<b>Difference</b>	<b>% Difference</b>	<b>% Difference per year</b>
Less than \$10,000	62	49	-13	-21.0	-2.1
\$10,000 to \$14,999	36	68	32	88.9	8.9
\$15,000 to \$19,999 <sup>1</sup>					
\$20,000 to \$24,999 <sup>1</sup>					
<b>Total \$15,000 to \$24,999</b>	<b>135</b>	<b>269</b>	<b>134</b>	<b>99.3</b>	<b>9.9</b>
\$25,000 to \$29,999 <sup>2</sup>					
\$30,000 to \$34,999 <sup>2</sup>					
<b>Total 25,000 to \$34,999</b>	<b>129</b>	<b>245</b>	<b>116</b>	<b>89.9</b>	<b>9.0</b>
\$35,000 to \$39,999 <sup>3</sup>					
\$40,000 to \$44,999 <sup>3</sup>					
\$45,000 to \$49,999 <sup>3</sup>					
<b>Total \$35,000 to \$49,999</b>	<b>301</b>	<b>431</b>	<b>130</b>	<b>43.2</b>	<b>4.3</b>
\$50,000 to \$59,999 <sup>4</sup>					
\$60,000 to \$74,999 <sup>4</sup>					
<b>Total \$50,000 to \$74,999</b>	<b>588</b>	<b>775</b>	<b>187</b>	<b>31.8</b>	<b>3.2</b>
\$75,000 to \$99,999	308	632	324	105.2	10.5
\$100,000 to \$124,999 <sup>5</sup>					
\$125,000 to \$149,999 <sup>5</sup>					
<b>Total \$100,000 to \$149,999</b>	<b>256</b>	<b>828</b>	<b>572</b>	<b>223.4</b>	<b>22.3</b>
\$150,000 to \$199,999	62	198	136	219.4	21.9
\$200,000 or more <sup>6</sup>	0	19	19		

Source: [http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_14\\_5YR\\_DP03&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_14_5YR_DP03&prodType=table)

<sup>1</sup>Added together from 2000 figures. The total is in the new category from the 2010 Census:

*Total \$15,000 to \$24,999*

<sup>2</sup> Added together from 2000 figures. The total is in the new category from the 2010 Census:

*Total 25,000 to \$34,999*

<sup>3</sup>Added together from 2000 figures. The total is in the new category from the 2010 Census:

*Total \$35,000 to \$49,999*

<sup>4</sup> Added together from 2000 figures. The total is in the new category from the 2010 Census:

*Total \$50,000 to \$74,999*

<sup>5</sup> Added together from 2000 figures. The total is in the new category from the 2010 Census:

*Total \$100,000 to \$149,999*

<sup>6</sup> New category in 2010

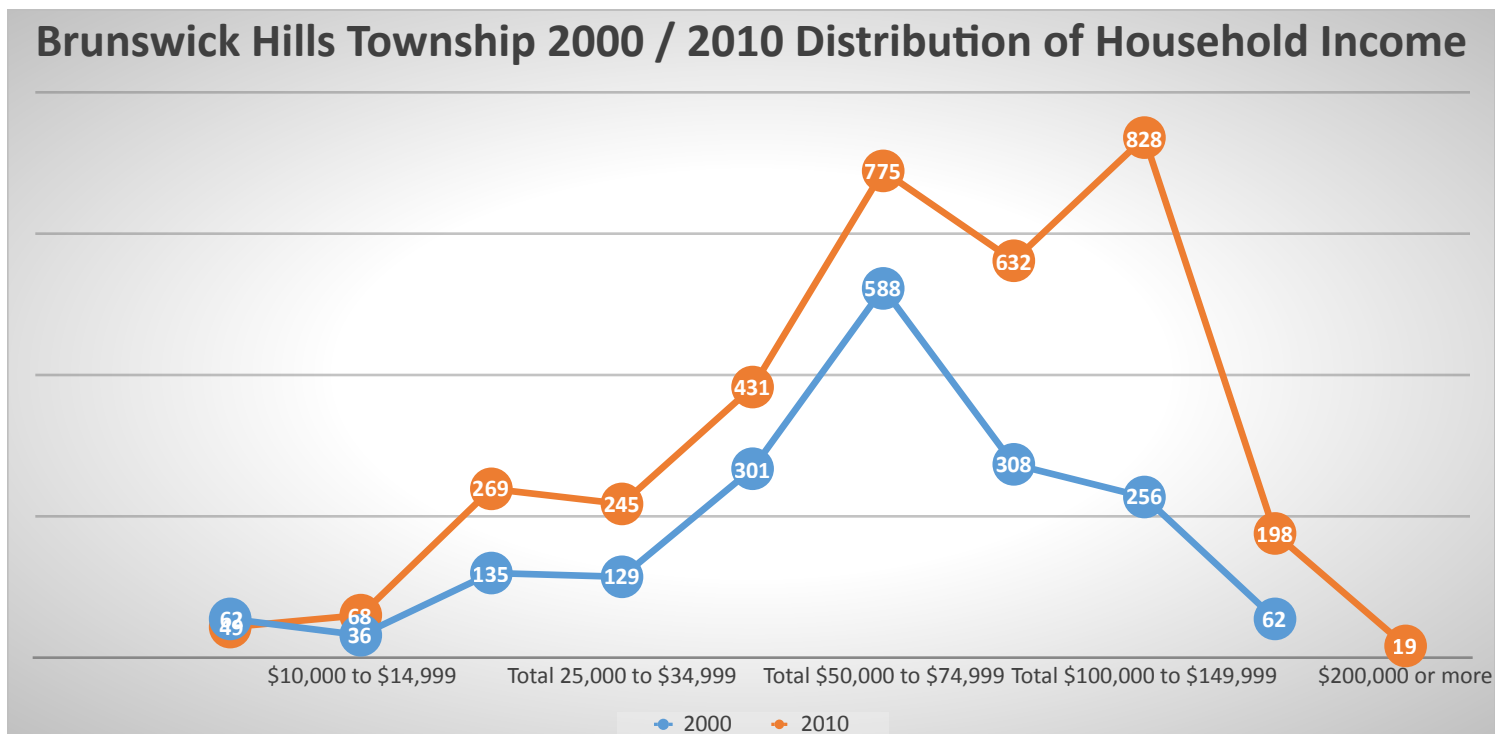
See Appendix D

Table 6 demonstrates a significant shift in Brunswick Hills Township's household income distribution between 2000 and 2010. Brunswick Hills Township's median household income in 2010 was \$70,411, slightly higher than Medina County's median household income of \$66,193 and significantly higher than the State of Ohio median household income of \$51,144.

Source: Ohio Median Income: <http://www.census.gov/quickfacts/table/PST045215/39103>

Source: National Median Income: <https://www.census.gov/prod/2012pubs/acsbr11-02.pdf>

The table below illustrates the upward shift in income distribution between 2000 and 2010 in Brunswick Hills Township.

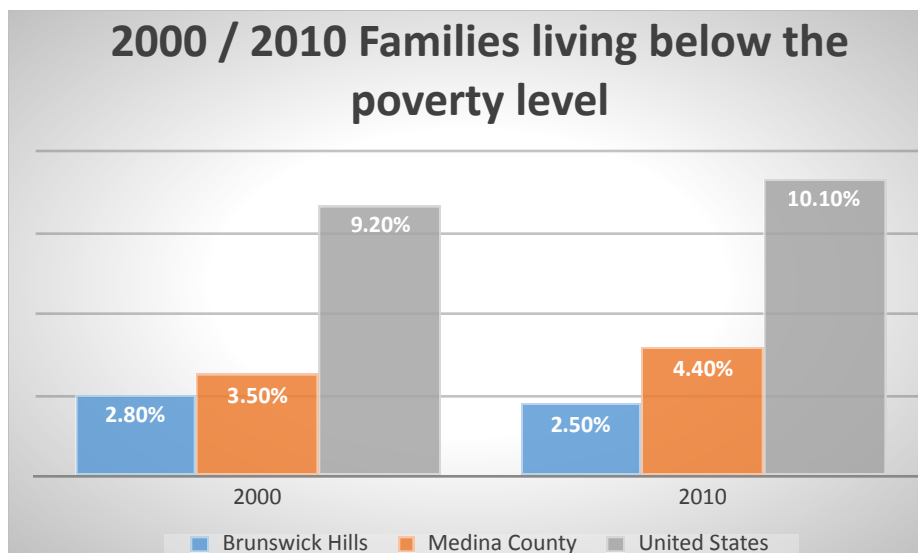


[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_14\\_5YR\\_DP03&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_14_5YR_DP03&prodType=table)

## 7. Income in Previous Year Below Poverty level

	2000	2010	difference
Under 5 years	7	11	4
5 years	0	0	0
6 to 11 years	29	78	49
12 to 14 years	0		
15 years	0		
16 and 17 years	33		
12 to 17 years	53	33	-20
18 to 24 years	73		
25 to 34 years	82		
35 to 44 years	123		
45 to 54 years	25		
55 to 64 years	0		
18 to 64 years	136	303	167
65 to 74 years	0	37	37
75 years and over	6	0	-6

In Brunswick Hills Township the number of families with income below the poverty level dropped from 2.8% in 2000 to 2.5% in 2010. During the same period, families in Medina County living below the poverty level rose from 3.5% in 2000 to 4.4% in 2010. Nationally in 2000, 9.2% of families were estimated to be living below the poverty level; in 2010, that number decreased to 10.1%.



Source for county statistics: [http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_14\\_5YR\\_DP03&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_14_5YR_DP03&prodType=table)

Source for national statistics:

[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_14\\_5YR\\_DP03&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_14_5YR_DP03&prodType=table)

The United States Census Bureau redefined the following age groupings for measuring the poverty level between 2000 and 2010:

12 to 17 years in the 2000 Census was broken down further in 2010 into:

12 to 14 years

15 years

16 and 17 years

18 to 64 years in the 2000 Census was broken down further in 2010 into:

18 to 24 years

25 to 34 years

35 to 44 years

45 to 54 years

55 to 64 years

For comparison purposes, the table includes totals from the revised categories matching the 2000 Census categories.

Two categories dropped in numbers between the 2000 and 2010 Census:

12 to 17 years

75 years and older

See Appendix E.

[http://medinahealth.org/images/company\\_assets/d98a6e31-3e37-43ff-bc1a-ecc84e8f1117/](http://medinahealth.org/images/company_assets/d98a6e31-3e37-43ff-bc1a-ecc84e8f1117/MedinaCountyProfile2010Census_1eea.PDF)

MedinaCountyProfile2010Census\_1eea.PDF

## 8. Housing Units

Column	2000	2010	Difference	% Difference
Total Brunswick Hills	1959	3707	1748	89.20%

Source: US Census Bureau American Fact Finder DP-1, Profile of General Population and Housing Characteristics: 2010; 2010 Census Summary File 1

[https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC\\_10\\_SF1\\_SF1DP1&prodType=table](https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_10_SF1_SF1DP1&prodType=table)

The total number of housing units in Brunswick Hills Township grew by 89.2%, a much higher rate than the Medina County housing unit growth of 21.8%.

Source for county: [http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC\\_00\\_SF1\\_DP1&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_00_SF1_DP1&prodType=table)

[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC\\_10\\_SF1\\_QTH1&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_10_SF1_QTH1&prodType=table)

[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC\\_10\\_SF1\\_QTH1&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_10_SF1_QTH1&prodType=table)



## 9. Owner/Renter Occupancy

	2000	2010	Difference	% Difference
Owner Occupied	1700	3187	1487	87.5%
Renter Occupied	203	520	317	156.2%

Source:

Medina County statistics:

2010: [http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC\\_10\\_SF1\\_QTH1&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_10_SF1_QTH1&prodType=table)

2000: [http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC\\_10\\_SF1\\_QTH1&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_10_SF1_QTH1&prodType=table)

Brunswick Hills Township statistics:

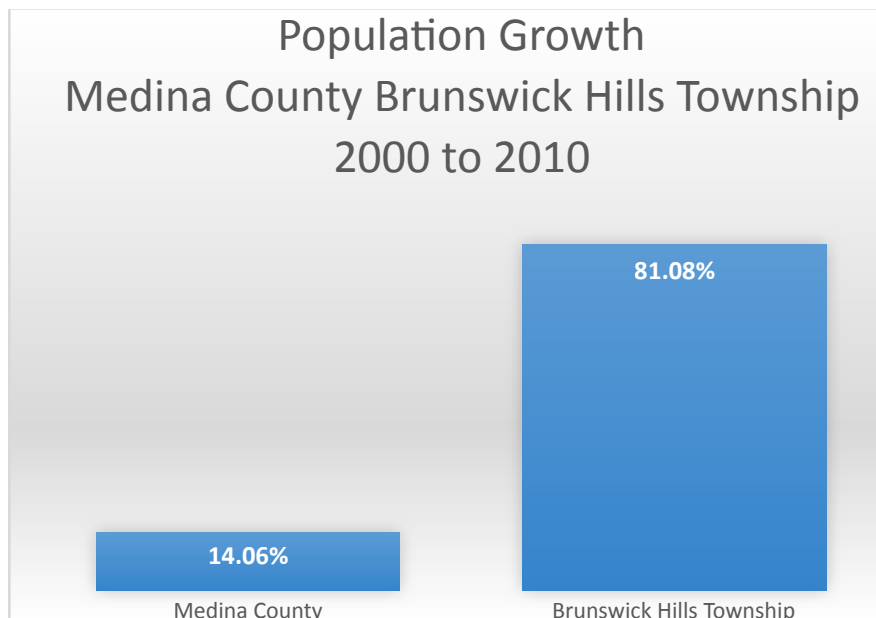
[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC\\_10\\_SF1\\_SF1DP1&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_10_SF1_SF1DP1&prodType=table)

Brunswick Hills Township added a large number of owner occupied housing units between 2000 and 2010. Both owner occupied units and renter occupied units increased during the decade. Approximately 86% of Brunswick Hills Township's housing units were owner occupied in 2010, more than the 79.1% of owner occupied units in Medina County during the same time period.

## Conclusions:

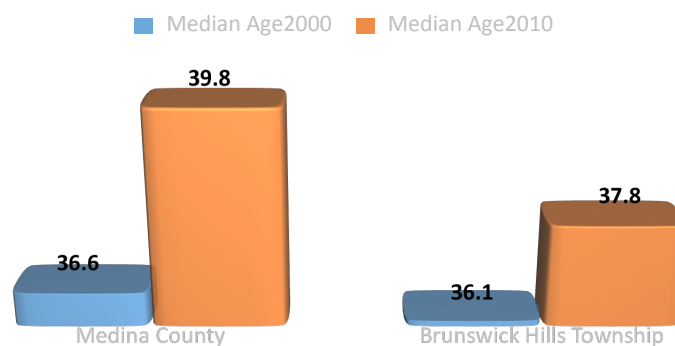
The 2005 Comprehensive Land Use Plan drew data from the 2000 Census. This update to that plan draws from the 2010 census and documents continued population growth at a rate higher than the previous decade.

- Population Growth. Between 2000 and 2010 Brunswick Hills Township grew in population by 81.1%, a rate of 8.1% per year. In addition, between 2010 and 2014 the Township continued to grow at a rate of .9% per year. The Township is attracting residents primarily from the State of Ohio and Medina County, but is also attracting 5% of new residents from outside the State of Ohio and 3% of new residents from outside of the country.



- The Median Age is increasing, but at a slower pace than the county. Brunswick Hills Township's median age increased by 4.7% between 2000 and 2010 from 36.1 years to 37.8 years. In comparison, Medina County experienced an 8.7% growth rate which calculates to a median age of 39.8.

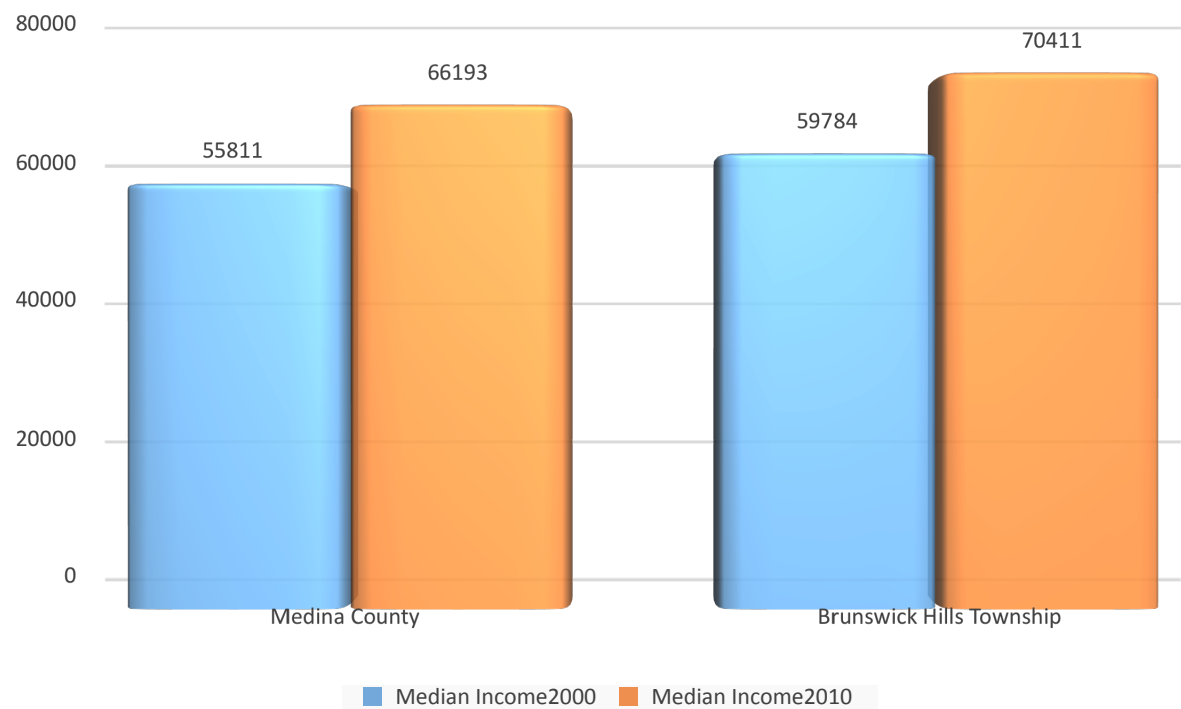
## Median Age Medina County and Brunswick Hills Township 2000 and 2010



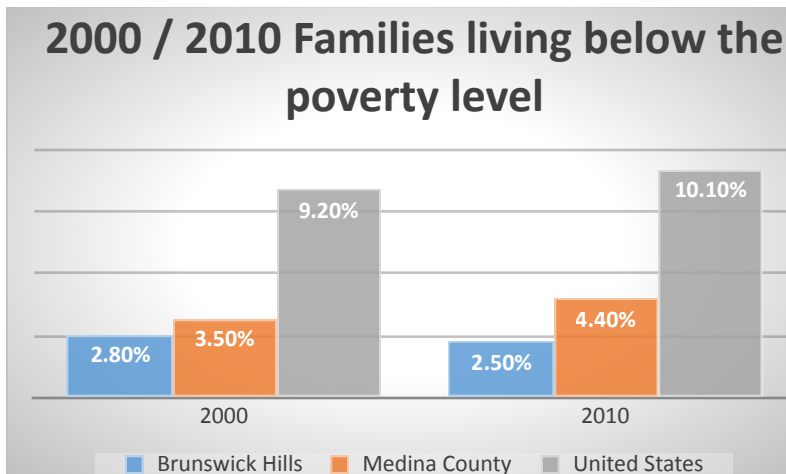
All age groups are experiencing growth as illustrated in the graph titled *Proportion of Total Population by Age Cohort, 2000 to 2010* on page 6 of this report. Although the greatest percentage of growth by age group is in the oldest 7 age groupings, the greatest concentration of population is between the ages of 25 and 64.

- The Household Median Income of Township residents continues to rise reaching \$70,411 in 2010. This is an 18.6% increase over the 2000 Median Income of \$59,784, and is 6.4% higher than the Median income of \$66,193 in Medina County. Two of the higher income brackets have experienced double and triple digit growth, and the three income segments with the most households are at income levels above both the county and the national median household income.

### Median Income 2000 - 2010 Medina County and Brunswick Hills Township



- Between 2000 and 2010 the poverty level for families in Brunswick Hills Township dropped from 2.8% to 2.5%, in contrast to the poverty rates for families in Medina County and the nation both of which rose during that same time period.

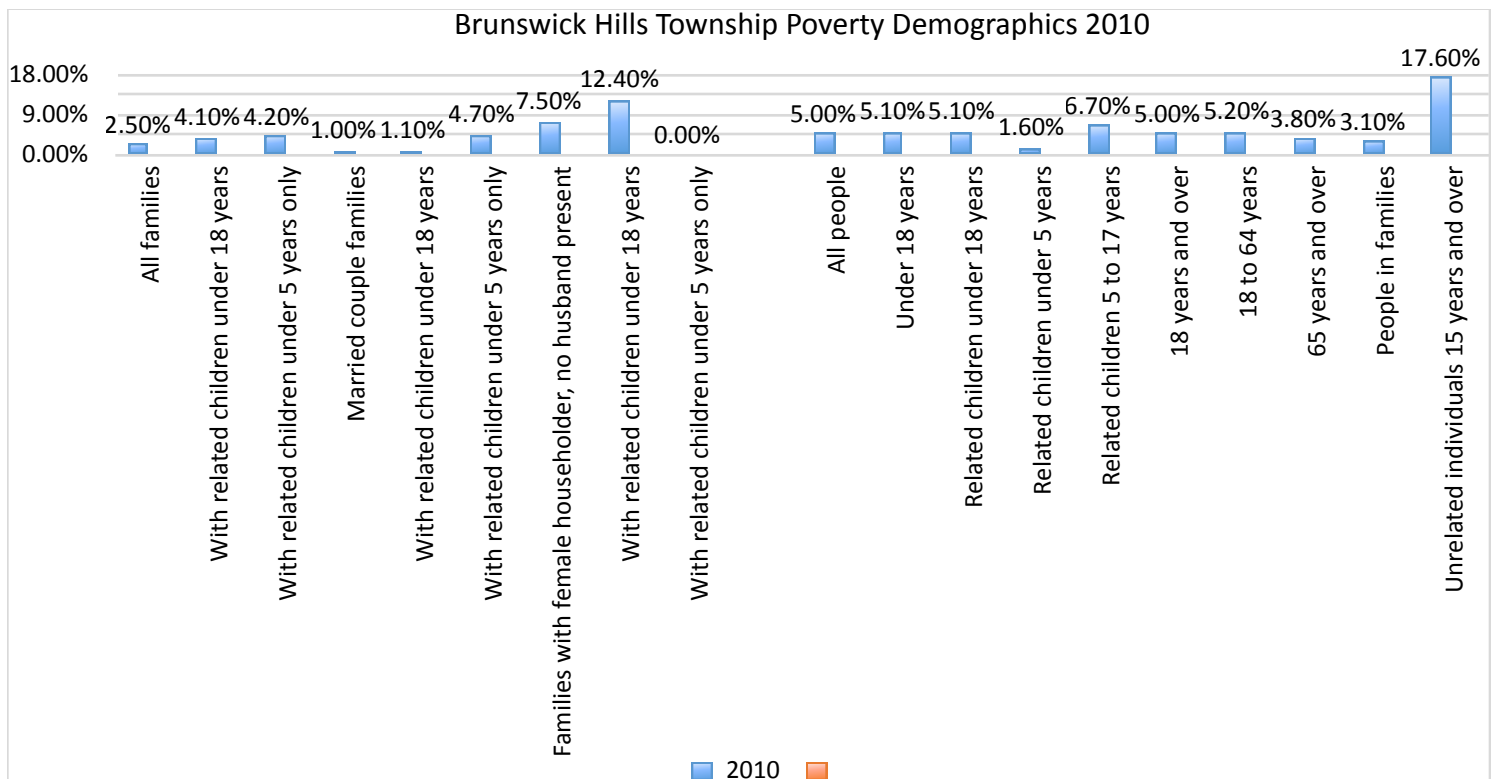


Source for 2000/2010 Families living below the poverty level table:

[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_10\\_5YR\\_S1702&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_10_5YR_S1702&prodType=table)

[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_10\\_5YR\\_S1702&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_10_5YR_S1702&prodType=table)

The demographic breakdown for individuals and families living below the poverty level from the 2010 American Fact Finder Survey for Brunswick Hills Township is broken down as follows:



Source: [http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_14\\_5YR\\_DP03&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_14_5YR_DP03&prodType=table)

- Consistent with the 2000 Comprehensive Land Use Plan, Brunswick Hills Township's housing growth between 2000 and 2010 was dominated by single family residences.

Type of Residence	2010	2000	difference
detached	2,934	1,569	1365
1-unit, attached	396	245	151
2 units	44	8	36
3 or 4 units	167	89	78
5 to 9 units	35	6	29
10 to 19 units	5	0	5
20 or more units	40	0	40
Mobile home	18	42	-24
Boat, RV, van	0	0	0

Source: [http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_14\\_5YR\\_DP04&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_14_5YR_DP04&prodType=table)

[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC\\_00\\_SF3\\_DP4&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_00_SF3_DP4&prodType=table)

[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC\\_00\\_SF3\\_DP4&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_00_SF3_DP4&prodType=table)

# Appendix A

## New version of Decennial Census:

### Short History of the ACS

Every 10 years since 1790, Congress has authorized the government to conduct a national census of the U.S. population, as required by the U.S. Constitution. James Madison ensured that the Constitution gave Congress the authority to collect additional information beyond the population count in order to “enable [future legislators] to adapt the public measures to the particular circumstances of the community.”<sup>1</sup> In the twentieth century, the questions were divided between a “short” and “long” form. Only a subset of the population was required to answer the long-form questions. The most recent census consisted of a short form, which included basic questions about age, sex, race, Hispanic origin, household relationship, and owner/renter status. After the 2000 Census, the long form became the ACS and will continue to collect long-form-type information throughout the decade. The ACS includes not only the basic short-form questions, but also detailed questions about population and housing characteristics. It is a nationwide, continuous survey designed to provide communities with reliable and timely demographic, housing, social, and economic data every year. Since its start, the ACS has been providing a continuous stream of updated information for states and local areas, and will revolutionize the way we use statistics to understand our communities.

<sup>1</sup>Summary of debate on Census Bill, House of Representatives, 25–26 Jan., 2 Feb. 1790. (*The Founders' Constitution*, 1987, University of Chicago, Volume 2, Article 1, Section 2, Clause 3, Document 19).

## Comparing ACS Data

[Tweet](#) [Share on Facebook](#)

The strength of the American Community Survey (ACS) is in estimating characteristic distributions. If you are looking for population totals, we recommend the 2010 Census or Population Estimates Program.

It is also important to keep in mind that **all ACS data are estimates**. We collect data from a sample of the population in the United States and Puerto Rico rather than from the whole population. To help you interpret the reliability of the estimates, the Census Bureau publishes a margin of error (MOE) for every ACS estimate.

### Can I compare ACS estimates?

<b>Yes</b>	Compare non-overlapping datasets (example: compare 2008-2010 ACS 3-year estimates to 2011-2013 ACS 3-year estimates).
<b>No</b>	Do not compare overlapping datasets (example: do not compare 2005-2009 ACS 5-year estimates to 2006-2010 ACS 5-year estimates).

Because ACS variables change over time, some areas and subjects must be **compared with caution**, or **not compared at all**. Use the years in the **left navigation** to get yearly guidance on specific topics/subjects.

### Can I compare ACS estimates with Census 2000?

<b>Yes</b>	Compare ACS 1-year, 3-year or 5-year estimates <b>with</b> Census 2000 data. However, differences in the <b>universe</b> , <b>question wording</b> , <b>residence rules</b> , <b>reference periods</b> , and <b>the way in which the data are tabulated</b> can impact comparability with Census 2000.
------------	---

Use our [Table Comparison Lookup Tool](#) to check for a comparable table for your topic of interest. You can enter ACS table numbers or Census 2000 table numbers.

Can I compare ACS estimates with 2010 Census?

Yes	Compare basic characteristics (sex, age, race, Hispanic origin, and homeowner status); other questions were not asked on the 2010 Census.
-----	---

In general, use ACS to obtain population characteristics (percents, means, medians, and rates) rather than estimates of population totals. Use numbers from the 2010 Census to obtain counts of the population and their basic characteristics (sex, age, race, Hispanic origin, and homeowner status).

Use data from the Census Bureau's Population Estimates Program in the years between censuses. The Census Bureau's Population Estimates Program produces [official population estimates for the nation, states, counties, cities and towns, plus housing unit estimates for states and counties](#)

<https://www.census.gov/programs-surveys/acs/guidance/comparing-acs-data.html>

# Appendix B

Advanced Search Search all data in American FactFinder

Advanced Search Table View

53002 Movers Between Regions  
2005-2008 American Community Survey 5-Year Estimates

Table View

Actions Study Table Add/Remove Geographic Add Bookmark Save Print Download Create a Map

NOTE: For information on confidentiality protection, sampling error, nonsampling error, and definitions, see [Convey Methodology](#)

Subject

The data you requested are not available.

Presidenations include:

- No data are available for the combination of geographic area(s) and other items in "Area Definitions".
- Selecting a table from a dataset that has already been released on a time basis, and the selected geographic area(s) have not yet been released.

Proven- and dataset-specific reasons for data not being available:

- American Community Survey - Data may not be available because the number of sample cases is too small.
- The 2005-2008 American Community Survey Selected Population Tables (SPTs) - A minimum of 50 unweighted sample cases of an iteration group in a geographic area is required to release a data table. The requested table may not be available for the selected geographic area(s) because unweighted sample cases in the selected race, ethnic, Hispanic, or ancestry groups are less than 50. Change your selection to a larger geographic area and/or choose a more broadly defined population group.
- The 2005-2008 American Community Survey American Indian and Alaska Native (AIAN) (ANAT) - A minimum of 10 unweighted sample cases of a specific race in a geographic area is required to release a data table. The requested table may not be available for the selected geographic area(s) because unweighted sample cases of the selected race are less than 10. Change your selection to a larger geographic area and/or choose a more broadly defined population group.
- 2005, 2008, and Census 2000 Summary File 1 (SF 1) (100-1) - The population threshold on Summary File 1 is 100. The requested table may not be available for the selected geographic area(s) because the population of the selected race or ethnic group is less than the threshold. Change your selection to a larger geographic area and/or choose a more broadly defined race or ethnic group.
- Census 2000 Summary File 2 (SF 2) (100-2) - The population threshold on Summary File 2 is 100. In addition, there must be at least 50 unweighted cases of the population group. The requested table may not be available for the selected geographic area(s) because the population of the group, or ancestry group is less than the threshold. Change your selection to a larger geographic area and/or choose a more broadly defined race, ethnic, or ancestry group.
- 2010 Census American Indian and Alaska Native Summary File (IANAS) - The population threshold on the 2010 Census American Indian and Alaska Native Summary File is 100. The requested table may not be available for the selected geographic area(s) because the population of the group is less than the threshold. Change your selection to a larger geographic area and/or choose a more broadly defined population group.
- Census 2000 American Indian and Alaska Native Summary File (IANAS) - The population threshold on the 2000 Census American Indian and Alaska Native Summary File is 100. The requested table may not be available for the selected geographic area(s) because the population of the selected race is less than the threshold. Change your selection to a larger geographic area and/or choose a more broadly defined American Indian or Alaska Native race.
- Proven- and dataset-specific reasons for data not being available:
- 2005-2008 American Community Survey - Data may not be available because the number of sample cases is too small or the population is less than the population threshold. Change your selection to a larger geographic area, or more in.

Documented page



## Appendix C

### Travel Time to Work, 2000 – 2010 Compared

#### Travel Time to Work, 1990 and 2000 Compared

	1990	2000	Difference	% Difference
5 to 9 minutes	178	155	-23	-12.92%
10 to 14 minutes	300	350	50	16.67%
15 to 19 minutes	232	292	60	25.86%
20 to 24 minutes	230	583	353	153.48%
25 to 29 minutes	227	133	-94	-41.41%
30 to 34 minutes	288	538	250	86.81%
35 to 39 minutes	147	138	-9	-6.12%
40 to 44 minutes	150	225	75	50.00%
45 to 59 minutes	286	439	153	53.50%
60 to 89 minutes	95	183	88	92.63%
90 or more minute	37	26	-11	-29.73%
Worked at home	53	95	42	79.25%
Total Workers	2263	3026		

Source: U.S. Census Summary File 3, 1990 and 2000 (SF 3 – Sample Data)

The graph above is copied from the Comprehensive Land Use Plan, Final Plan dated August, 2005. Circled in red are time frames broken out in the 2000 census that were combined in subsequent surveys by the United States Census Bureau. For purposes of this report, the table on page 10 of this report combines 2000 census figures to match the new categories from the 2010 census survey so that comparisons between the two periods are equivalent.

## Appendix D

# Comprehensive Land Use Plan

*Brunswick Hills Township, Medina County, Ohio*

### 6. Household Income in Previous Year

	1990	2000	Difference	% Difference
Less than \$10,000	59	62	3	5.08%
\$10,000 to \$14,999	82	98	16	19.51%
\$15,000 to \$19,999	77	84	7	9.09%
\$20,000 to \$24,999	90	111	21	23.33%
\$25,000 to \$29,999	91	89	-2	-2.20%
\$30,000 to \$34,999	127	80	-47	-36.61%
\$35,000 to \$39,999	153	128	-25	-16.34%
\$40,000 to \$44,999	157	97	-60	-38.22%
\$45,000 to \$49,999	91	106	15	16.48%
\$50,000 to \$54,999	170	267	97	57.06%
\$55,000 to \$59,999	185	311	126	68.11%
\$60,000 to \$64,999	98	308	210	214.29%
\$65,000 to \$69,999	43	157	114	265.12%
\$70,000 to \$74,999	0	99	99	n/a
\$75,000 to \$79,999	10	112	102	1020.00%

Source: U.S. Census Summary File 3, 1990 and 2000 (S11-3 Sample Data)

6 became a new category entirely, \$200,000 or more!

## Appendix D continued

1990 and 2000 census income groupings evolved in the 2010 Census. They became:

<sup>1</sup>Added together from 2000 figures. The total is in the new category from the 2010 census:

*Total \$15,000 to \$24,999*

<sup>2</sup> Added together from 2000 figures. The total is in the new category from the 2010 census:

*Total 25,000 to \$34,999*

<sup>3</sup>Added together from 2000 figures. The total is in the new category from the 2010 census:

*Total \$35,000 to \$49,999*

<sup>4</sup> Added together from 2000 figures. The total is in the new category from the 2010 census:

*Total \$50,000 to \$74,999*

<sup>5</sup> Added together from 2000 figures. The total is in the new category from the 2010 census:

*Total \$100,000 to \$149,999*

<sup>6</sup> New category in 2010

## Appendix E

The United States Census Bureau redefined the following age groupings for measuring the poverty level between 2000 and 2010:

12 to 17 years in the 2000 census was broken down further in 2010 into:

- 12 to 14 years
- 15 years
- 16 and 17 years

18 to 64 years in the 2000 census was broken down further in 2010 into:

- 18 to 24 years
- 25 to 34 years
- 35 to 44 years
- 45 to 54 years
- 55 to 64 years

For comparison purposes, the table includes totals from the revised categories matching the 2000 census categories.

Two categories dropped in numbers between the 2000 and 2010 census:

- 12 to 17 years
- 75 years and older

### 7. Income in Previous Year Below Poverty Level

	1990	2000	Difference
Under 5 years	0	7	7
5 years	0	0	0
6 to 11 years	0	29	29
12 to 17 years	4	53	49
18 to 64 years	38	136	98
65 to 74 years	10	0	-10
75 years and over	6	6	1

Source: U.S. Census Summary File 3, 1990 and 2000 (STF 3 – Sample Data)