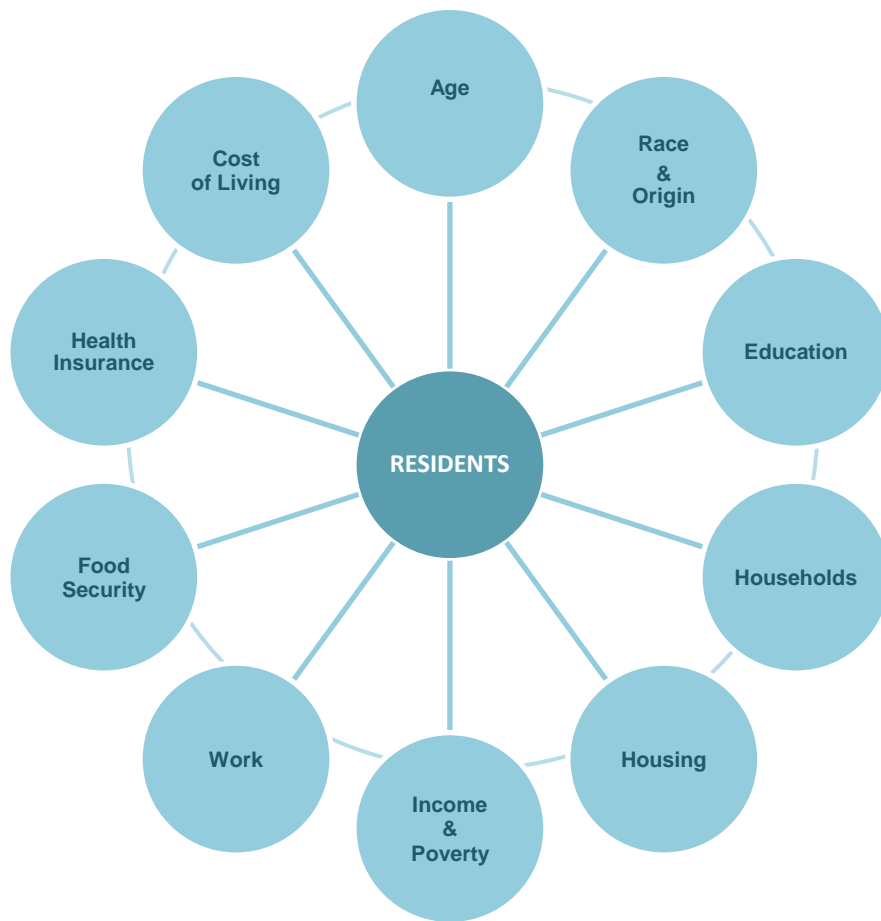


In Focus: The Demographic and Socioeconomic Landscape of Barnstable County



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In Focus: The Demographic and Socioeconomic Landscape of Barnstable County Summary

One of the goals of the Barnstable County Department of Human Services is to collect, analyze and share data to a) support interpretation of changes in human needs in general and in the demand for health and human services, b) assist in planning for health and human services delivery system enhancements, and c) provide data useful for grant applications. This report on the demographic and socioeconomic landscape of the region contributes to that goal. Although comprehensive, this report does not capture every dimension of this landscape as we focus on demographic and socioeconomic characteristics that are particularly relevant to the health and human services community.

This summary highlights key findings.

- With a population of 96,656 in 1970 and an estimated population of 215,423 in 2012, Barnstable County experienced a net population increase of 118,767 persons from 1970 to 2012, a change of 123%. Nevertheless, from 2000 to 2012 the County's population decreased by 6,807.
- It is noteworthy that from 2000 to 2010 Barnstable County experienced a decline of 7,859 individuals in the population under age 15 years, a 20.9% decrease, and a decline of 14,919 individuals in the population age 25 to 44 years, a 26.8% decrease. The decline in these two age groups, totaling 22,778 individuals, supports concern that the region is losing families with young children as well as some working-age adults in non-family households.
- From 2000 to 2010, Barnstable County experienced growth of 10,134 in the population age 55 to 64 years, a 39.7% increase, and growth of 2,614 individuals of age 65 years and over, a 5.1% increase. These increases were smaller than projected; nevertheless, the region continues with its historically higher than average population of older adults, with 25.0% age 65 years and over, compared with 13.8% for Massachusetts and 12.4% for the nation.
- Barnstable County has the highest percentage of residents 65 years and over compared with other counties in New England and along the eastern seaboard counties until Florida, and the size of this older adult population expands during warmer months when seasonal residents return.

- According to 2011 estimates, Barnstable County households have lower median income compared with Massachusetts as a whole: \$56,699 for Barnstable County and \$62,859 for Massachusetts.¹
- The estimated percentage of Barnstable County residents in poverty² more than doubled from 5.1% in 2006 to 11.3% in 2010. In 2011, this percentage decreased to 9.2% (19,538 people).
- The estimated percentage of Barnstable County children under 18 years of age in poverty grew remarkably from 3.4% in 2006 to 17.8 % in 2010. In 2011, this percentage decreased to 16.0% (5,691 children).
- The estimated percentage of Barnstable County residents age 65 years and over in poverty nearly doubled from 4.4% in 2006 to 8.0% in 2010. In 2011, this percentage decreased to 5.9% (3,158 older adults).
- Because of the relatively high cost of living in the region, it is also helpful to consider the percentage of Barnstable County residents below 200% of poverty; in 2011, this was nearly one in four residents, an estimated 50,630 individuals.³
- Barnstable County experienced the largest increase in the percentage of residents below 100% of poverty from 2006 to 2010 when comparing Massachusetts counties; nevertheless, it is important to note that Barnstable County's rate of poverty is still lower than that of most counties in Massachusetts.
- In 2011, the mean weekly wage for Barnstable County employed persons was \$773 compared with \$1,147 for Massachusetts overall.
- Historically, Barnstable County's unemployment rate is approximately double in January compared with August (10.6% and 5.2% respectively in 2012), attributable to a seasonal economy. In March 2013, the Barnstable County unemployment rate was 9.1% while Massachusetts was 6.8%.
- Several indicators discussed in this report suggest a relatively high cost of living in Barnstable County.

¹ Median income indicates 50% of household are above that income and 50% below.

² In 2011, being in poverty (less than 100% of poverty) indicated income below \$14,710 for a family size of two and \$22,350 for a family size of four.

³ In 2011, less than 200% of poverty indicated income below \$29,420 for a family size of two and \$44,700 for a family size of four.

Table of Contents

Summary.....	i
List of Tables and Figures.....	iv
I. Overview.....	1
A. Purpose	1
B. Terminology	1
II. Population Demographics.....	3
A. Population Density.....	3
B. Total Count	3
C. Sex.....	5
D. Age	6
E. Race and Origin	11
F. Languages Spoken at Home Other Than English.....	12
G. Marital Status.....	14
H. Education.....	15
I. Other Population Groups	18
III. Household and Housing Characteristics	22
A. Household Composition.....	22
B. Housing Characteristics.....	24
IV. Economic Characteristics.....	27
A. Income	27
B. Poverty.....	29
C. Food Security.....	34
D. Employment.....	34
E. Worker Earnings	36
F. Unemployment.....	37
G. Health Insurance.....	39
H. Cost of Living	41
Appendix I.....	44
Appendix II.....	46

List of Tables and Figures

List of Tables

Table 1:	Change in Population, 1970 to 2012	3
Table 2:	Change in Population by Sex, 2000 to 2010	5
Table 3:	Change in Median Age, 2000 to 2010	6
Table 4:	Change in Population Under Age 55 Years, 2000 to 2010	7
Table 5:	Change in Population 55 Years and Over, 2000 to 2010	8
Table 6:	Age Groups as a Percentage of Total Population in 2010	10
Table 7:	Barnstable County Population Under Age 18 Years and Age 65 Years and Over in 2010	10
Table 8:	Change in Race and Hispanic/Latino Origin, Barnstable County, 2000 to 2010	11
Table 9:	Race and Hispanic or Latino Origin as a Percentage of the Total Population in 2010	12
Table 10:	Primary Language at Home is Other Than English, Barnstable County 5-Year Average 2007-2011	14
Table 11:	Marital Status 15 years and Over, 2011 Estimates	15
Table 12:	School Enrollment Age 3 years and Over, 2011 Estimates	15
Table 13:	School Enrollment 3 years and Over Barnstable County, 2000 and 2011 Estimates	16
Table 14:	Disability Status of the Civilian Non-institutionalized Population, 2011 Estimates	18
Table 15:	Veteran Population in 2010	20
Table 16:	Barnstable County Veteran Population by Sex and Age in 2010	20
Table 17:	Grandparents Responsible for Own Grandchildren, 2009 to 2011 3-Year Average	21
Table 18:	Change in Households, Barnstable County, 2000 to 2010	22
Table 19:	Household Types in 2010	23
Table 20:	Change in Housing Units, 1970 to 2011	25
Table 21:	Housing Unit Types in 2010	26
Table 22:	Annual Household Income, 2011 Estimates	28
Table 23:	Federal Poverty Guidelines 2011, Annual Income	29
Table 24:	Populations in Poverty, 2011 Estimates	31
Table 25:	Percentage of Individuals Below 200% of Poverty By Age, 2011 Estimates	33
Table 26:	Family Composition for Children at Three Poverty Levels, 2009-2011 3-Year Average	33
Table 27:	Class of Worker, 2011 Estimates	35
Table 28:	Industries Employing the Civilian Labor Force, 2011 Estimates	35
Table 29:	Median Annual Earnings, 2011 Estimates	36
Table 30:	Mean Weekly Wages Overall and Lead Industries in 2011	37
Table 31:	Labor Force and Unemployment Data, March 2012 to March 2013	38

Table 32:	Health Insurance Status, 2011 Estimates	39
Table 33:	Medicaid Coverage, 2011 Estimates	40
Table 34:	Housing Costs, 2011 Estimates	41
Table 35:	Cost of Meeting Basic Needs in 2013	42

List of Figures

Figure 1:	Barnstable County Population Change, 1970-2012	4
Figure 2:	Massachusetts Population Change, 1970-2012	4
Figure 3:	Sex by Age in 2010, Barnstable County	5
Figure 4:	Number of Barnstable County Older Adults, 1980 to 2010	9
Figure 5:	Primary Language Spoken at Home is Other Than English Population Age 5 Years and Over, 5-Year Average 2007-2011	13
Figure 6:	Educational Attainment, Population 18 to 24 years, 5-Year Average 2007-2011	17
Figure 7:	Educational Attainment, Population 25 years and Over, 5-Year Average 2007-2011	17
Figure 8:	Disabled Population by Disability Difficulty and Age, Barnstable County, 2011 Estimates (N)	19
Figure 9:	Disabled Population by Disability Difficulty and Age, Barnstable County, 2011 Estimates (%)	19
Figure 10:	Household Types in 2010	24
Figure 11:	Resident Population and Housing Units, Change Over Time, 1970-2012	25
Figure 12:	Individuals in Poverty, Barnstable County, 2006 to 2011 Annual Estimates (N)	29
Figure 13:	Individuals In Poverty Barnstable County, 2006 to 2011 Annual Estimates (%)	30
Figure 14:	Individuals Below 200% of Poverty, Barnstable County, 2006-2011 Annual Estimates	32
Figure 15:	Barnstable County Unemployment Rate, 2006 to 2012, January-August Comparison	38

I. Overview

A. Purpose

A goal of the Barnstable County Department of Human Services is to collect, analyze and share data on public health indicators and demographic and socioeconomic characteristics with towns, health and human service organizations, and other community stakeholders. Our aim is to disseminate local information to support interpretation of changes in human needs in general; change in the demand for health and human services, both quantity and type; planning for delivery system enhancements; and, assisting with data needed for grant applications.

This report is comprehensive, but does not capture every dimension of the demographic and socioeconomic landscape. We focus on characteristics that are particularly relevant to the health and human services community. Nevertheless, the Department invites requests for demographic and socioeconomic data not found in this report—including town level data—and we will either respond to the request or refer to other departments within Barnstable County government or other resources as needed. In addition, Appendix I contains a list of web-based resources that are good sources of demographic and socioeconomic data.

B. Terminology

1. Indicators

Indicators of the Barnstable County demographic and socioeconomic landscape in this report are similar to those previously reported by the Department in the Human Condition series of reports 2004 to 2009.⁴ For this study, however, we have included a broader range of indicators, updated changes over time, and compared Barnstable County with Massachusetts (MA) as a whole. For some indicators, we also include town and national (USA) data. Indicators fall into the following domains:

- Population demographics
 - Age
 - Race and national origin
 - Primary language spoken at home
 - Marital status
 - Educational attainment
 - Other, including people with disabilities, veterans, and grandparents responsible for grandchildren
- Households and Housing Characteristics

⁴ Monitoring the Human Condition, Executive Summary for 2004-2009 can be found at: www.bchumanservices.net/reports-publications/

- Economic characteristics
 - Income
 - Poverty
 - Food Security
 - Employment
 - Health Insurance
 - Cost of living

2. Sources

The majority of the demographic and socioeconomic data in this report are from the United States (U.S.) Census Bureau’s Decennial Census and the American Community Survey. The American Community Survey is an ongoing annual statistical survey that samples a small percentage of the population to provide estimates that communities need to plan investments and services, such as data on change in total population, households, income, and poverty. Options are to use one-year, three-year or five-year American Community Survey data.⁵

- One-year American Community Survey data provide the most recent estimates, but the margins of error are somewhat larger because of smaller sample sizes.
- Three and five-year American Community Survey data are more precise because averaging across years provides a larger sample size.

In this report, we generally use American Community Survey one-year data to be as current as possible; however, tables and figures reference the dataset used.⁶

3. People

Residents

This report focuses on resident data using the U.S. Census Bureau’s definition of a resident: the geographic location where the person lives and sleeps most of the time, which is generally six months or more of the year. As such, unless otherwise noted, the data in this report do not reflect seasonal residents; e.g., a retiree who resides on Cape Cod from June to October.

Citizens and Non-citizens

The U.S. Decennial Census and the American Community Survey aim to collect information about citizens and non-citizens, including non-citizens without legal documentation. The U.S. Census Bureau recognizes barriers to accurately counting some non-citizens, even with thoughtful outreach strategies that protect confidentiality. Unfortunately, there is not a way to estimate undercounts, which primarily affects the accuracy of data such as race, origin, and primary language spoken at home.

⁵ Information on use of the one-year, three-year and five-year American Community Survey can be found at: www.census.gov/acs/www/guidance_for_data_users/estimates/

⁶ For more information on data sets used in this report, please contact the report author (Christine Stein).

II. Population Demographics

A. Population Density

As one of 14 counties in Massachusetts, Barnstable County is ninth largest for population size with a 2012 population estimate of 215,423 persons.⁷ With a land area of 393.7 square miles, Barnstable County ranks eighth for population density at 547.2 persons per square mile, with variation in population density by town.⁸

B. Total Count

Table 1 summarizes Barnstable County's population and population change by decade from 1970 to 2010, with estimates for 2011 and 2012, and contrasts these with percentage changes in the Massachusetts and national population for the same period. Figure 1 and Figure 2 graphically display the changes for Barnstable County and Massachusetts.

- With a population of 96,656 in 1970 and an estimated population of 215,423 in 2012, Barnstable County experienced a net population increase of 118,767 persons from 1970 to 2012, a change of 123%.
 - Massachusetts population change from 1970 to 2012 was 16.8%.
 - From 2000 to 2012, Barnstable County's population decreased by 6,807, a change of -3.1%.
- Barnstable County's rate of population growth significantly outpaced Massachusetts until 2000 at which point the Massachusetts population continued to grow while the County's population began to decline.

Table 1: Change in Population, 1970 to 2012

Year	Barnstable County			MA Change (%)	USA Change (%)
	Population (N)	Change (N)	Change (%)		
1970	96,656	(X)	(X)	(X)	(X)
1980	147,925	51,269	53.0%	0.8%	11.5%
1990	186,605	38,680	26.1%	4.9%	9.8%
2000	222,230	35,625	19.1%	5.5%	13.2%
2010	215,888	-6,342	-2.9%	3.1%	9.7%
2011 estimate	215,769	-119	-0.1%	0.6%	(X)
2012 estimate	215,423	-346	-0.2%	0.9%	(X)

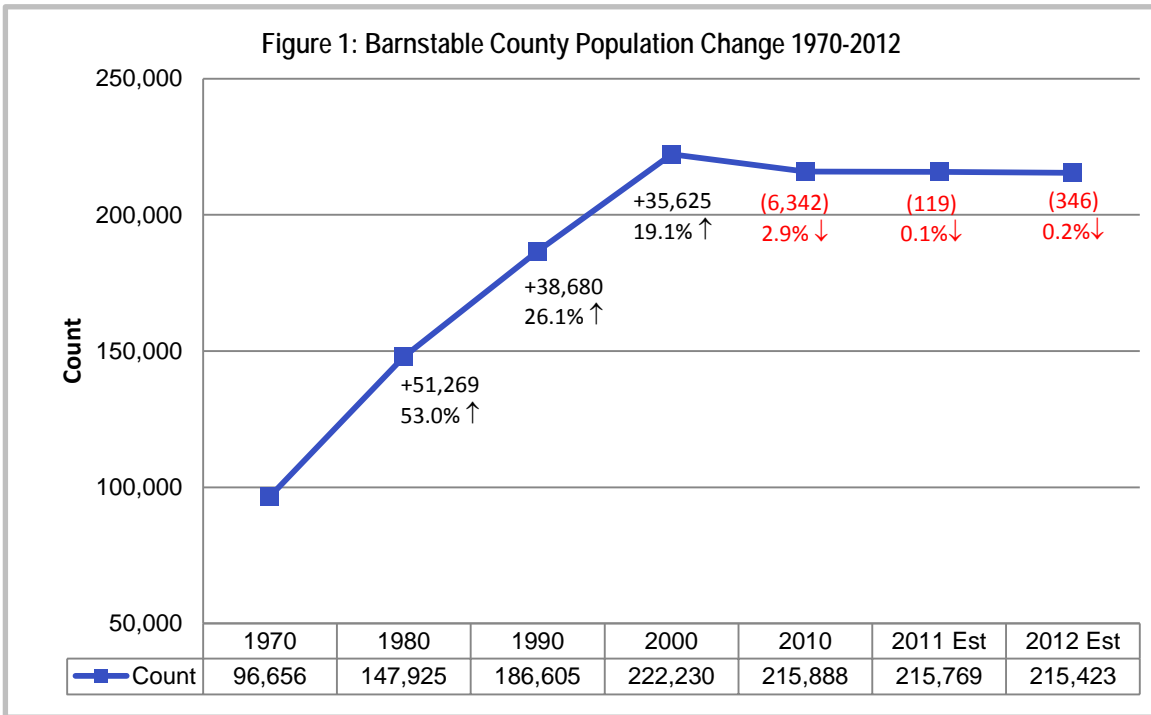
Sources: U.S. Census Bureau, Census 1970 to 2010 and U.S. Census Population Estimates 2011–2012

(X): Not applicable

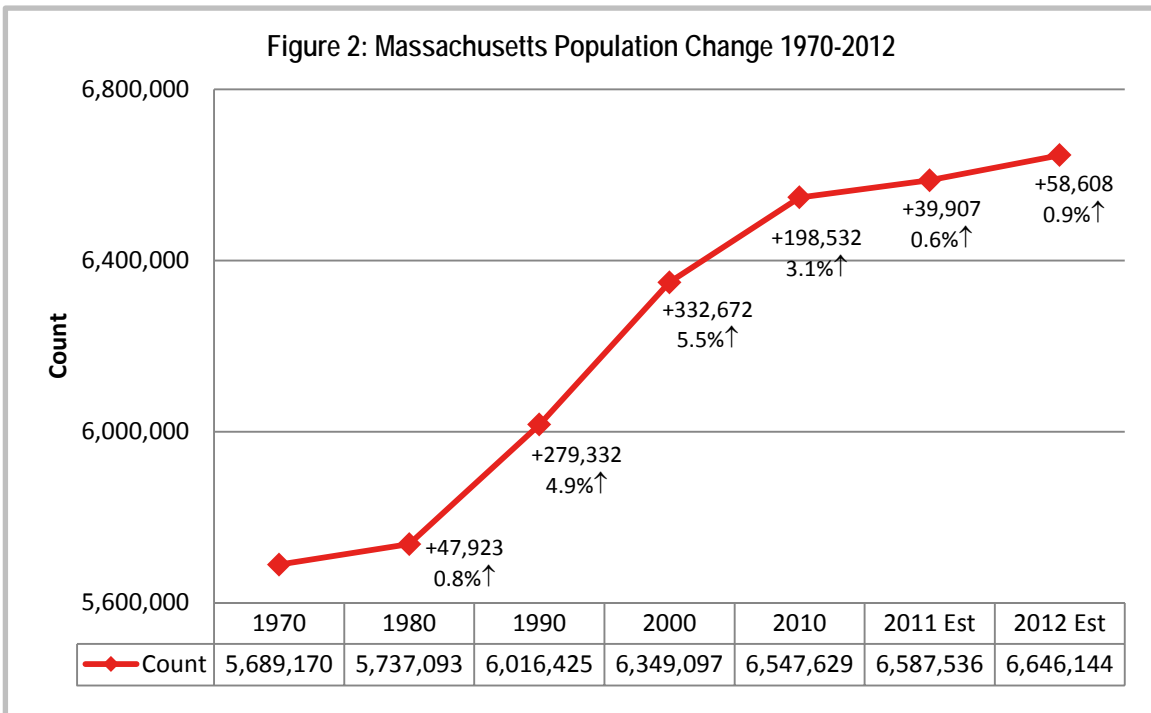
Factors affecting population change for a geographic area include the net migration of individuals moving in and out of the area, as well as natural changes in the population from births and deaths. Although this analysis is not within the scope of this report, population changes by demographic factors are addressed in subsequent sections.

⁷ Source is STATS Cape Cod, County Profiles: www.statscapecod.org/profiles/county_profiles.php

⁸ Map of Barnstable County population density: www.statscapecod.org/maps/pdf/population_density.pdf



Source: U.S. Census Bureau, Census 1970 to 2010 and Population Estimates 2011-2012



Source: U.S. Census Bureau, Census 1970 to 2010 and Population Estimates 2011-2012

C. Sex

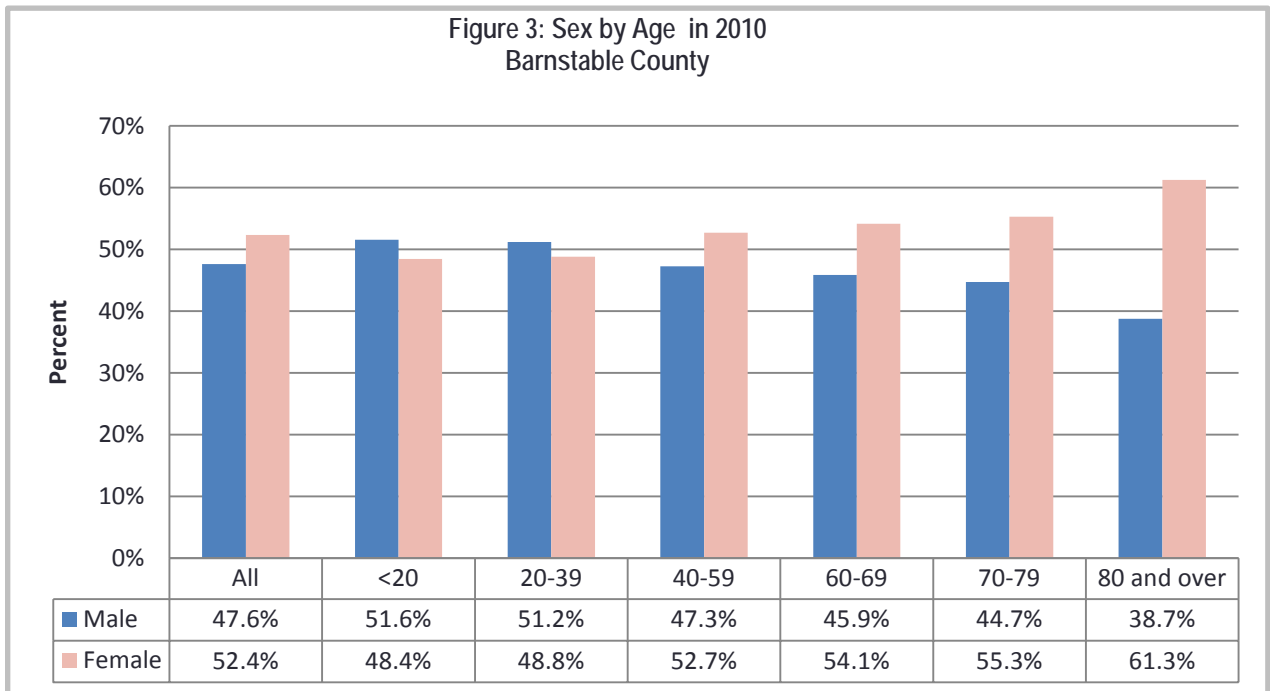
With reference to Table 2, the male to female ratio remained similar for Barnstable County residents from 2000 to 2010. Nevertheless, there was a 2.2% decrease in the male population and a 3.4% decrease in the female population contrasted with a 3.5% increase in males and 2.8% increase in females for Massachusetts.

Figure 3 shows the shift in the ratio of males to females by age for Barnstable County residents, from 51.6% males and 48.4% females for those under age 20 years to 38.7% males and 61.3% females for the age group 80 years and over. These percentages are comparable with Massachusetts as a whole.

Table 2: Change in Population by Sex, 2000 to 2010

	Barnstable County				MA Change 2000 to 2010 %
	2000	2010	Change 2000 to 2010		
			N	%	
Total	222,230	215,888	-6,342	-2.9%	3.1%
Male	105,199 (47.3%)	102,854 (47.6%)	-2,345	-2.2%	3.5%
Female	117,031 (52.7%)	113,034 (52.4%)	-3,997	-3.4%	2.8%

Source: U.S. Census Bureau, Census 2000 and 2010



Source: U.S. Census Bureau, Census 2010

D. Age

1. Median Age

Table 3 describes the median age of Barnstable County, Massachusetts and United States residents.

- The median age for all three geographies increased from 2000 to 2010, an indicator of the overall aging of the population.
- Barnstable County's median age increase of 5.3 years exceeded the Massachusetts and national increases.
- The median age of Barnstable County residents is notably higher compared with Massachusetts (10.8 years higher in 2010) and the nation (12.7 years higher in 2010), which is explained by the comparatively higher proportion of the County's residents who are 55 years of age and over.

Table 3: Change in Median Age, 2000 to 2010

	2000	2010	Change 2000 to 2010	
			Years	%
Barnstable County	44.6 years	49.9 years	5.3 years	11.9%
Massachusetts	36.5 years	39.1 years	2.6 years	7.1%
United States	35.4 years	37.2 years	1.8 years	5.1%

Source: U.S. Census Bureau, Census 2000 and 2010

2. Age Groups

This section focuses on Barnstable County and Massachusetts.

a) Under Age 55 Years

Table 4 shows population change by age from 2000 to 2010 for Barnstable County and Massachusetts for population groups under age 55 years.

Comparing U.S. Census 2000 and 2010:

- Barnstable County experienced a decline of 7,859 individuals in the population under age 15 years, a 20.9% decrease compared with an 8.0% decrease in this age group for Massachusetts.

The region also experienced a decline of 14,919 individuals in the population age 25 to 44 years, a 26.8% decrease compared with a 12.9% decrease in this age group for Massachusetts.

The declining population in Barnstable County of these two age groups, totaling 22,778 individuals, supports common concern that the region is losing families with young children as well as some working-age adults in non-family households.

- Barnstable County experienced growth of 2,127 individuals in the population age 15 to 24 years, a 10.9% increase that was less than the 14.4% increase in this age group for Massachusetts. Most of the Barnstable County growth in this age group was for age 20 to 24 years.
- Barnstable County experienced growth of 1,561 individuals in the population 45 to 54 years, a 4.8% increase that was less than the 15.9% increase in this age group for Massachusetts.

Table 4: Change in Population Under Age 55 Years, 2000 to 2010

	Barnstable County				MA Change 2000 to 2010 (%)
	2000	2010	Change 2000 to 2010		
			N	%	
Total	222,230	215,888	-6,342	-2.9%	3.1%
Under 5 years	10,599	8,854	-1,745	-16.5%	-7.6%
5 to 9 years	12,811	9,874	-2,937	-22.9%	-10.5%
10 to 14 years	14,208	11,031	-3,177	-22.4%	-5.9%
Under 15	37,618	29,759	-7,859	-20.9%	-8.0%
15 to 19 years	11,725	12,008	283	2.4%	11.3%
20 to 24 years	7,735	9,579	1,844	23.8%	17.7%
15 to 24	19,460	21,587	2,127	10.9%	14.4%
25 to 34 years	21,595	17,756	-3,839	-17.8%	-8.8%
35 to 44 years	33,982	22,902	-11,080	-32.6%	-16.5%
25 to 44	55,577	40,658	-14,919	-26.8%	-12.9%
45 to 54 years	32,802	34,363	1,561	4.8%	15.9%

Source: U.S. Census Bureau, Census 2000 and 2010

b) 55 Years and Over

Table 5 and Figure 4 detail the population 55 years and over.

Comparing U.S. Census 2000 and 2010:

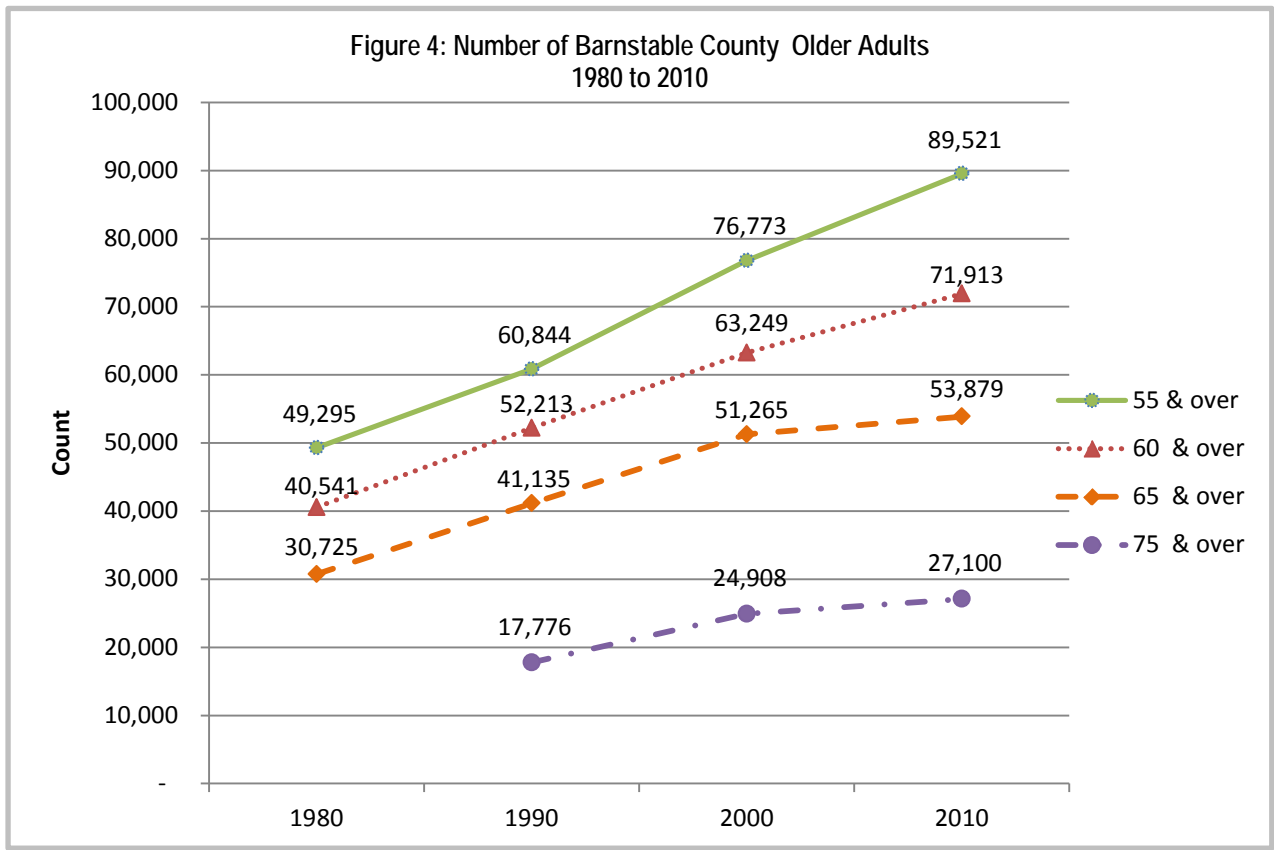
- Barnstable County experienced growth of 10,134 individuals in the population age 55 to 64 years, a 39.7% increase that was less than the 47.0% increase in this age group for Massachusetts.
 - Change in the County's population in this age group is important to monitor going forward to ascertain: a) the movement of this current cohort as it ages; i.e., remains in the region or not, and b) the size of this age group moving forward given the recent decline in the population age 25 to 44 years.
- Barnstable County experienced net growth of 2,614 individuals in the population age 65 years and over, a 5.1% increase similar to the 4.9% increase in this age group for Massachusetts.

- Growth in the Barnstable County population 65 years and over was less than anticipated and change in the County's population in this age group is likewise important to monitor going forward. For example, decisions of the current Barnstable County cohort of persons age 55 to 64 years to stay in the region or not as they age could affect the future size of the 65 years and over age group. In addition, later retirement age and the strength of housing markets in other regions could affect the number of people age 65 years and over that migrate to Barnstable County for retirement.
- There was a decline of 2,049 individuals in the Barnstable County population 70 to 79 years, an 8.5% decrease slightly less than the 10.5% decrease in this age group for Massachusetts. With several theories forwarded to explain this change in Barnstable County, such as fewer retirees moving to the region and older adults leaving the region, this is also an important trend to monitor.
- Growth of 2,962 individuals in the Barnstable County population 80 years and over—a 21.2% increase—may reflect continuing increase in life expectancy and less likelihood of geographic mobility later in life. The increase in this age group for Massachusetts was 14.7%.

Table 5: Change in Population 55 Years and Over, 2000 to 2010

	Barnstable County				MA Change 2000 to 2010 %
	2000	2010	Change 2000 to 2010		
			N	%	
55 to 59 years	13,524	17,608	4,084	30.2%	39.6%
60 to 64 years	11,984	18,034	6,050	50.5%	56.7%
55 to 64	25,508	35,642	10,134	39.7%	47.0%
65 to 69 years	13,297	15,034	1,737	13.1%	22.2%
70 to 74 years	13,060	11,745	-1,315	-10.1%	-9.1%
75 to 79 years	11,075	10,341	-734	-6.6%	-12.1%
70 to 79 years	24,135	22,086	-2,049	-8.5%	-10.5%
80 years and over	13,833	16,759	2,926	21.2%	14.7%
65 and over	51,265	53,879	2,614	5.1%	4.9%

Source: U.S. Census Bureau, Census 2000 and 2010



Source: U.S. Census Bureau, Census 1980 to 2010

c) Age Groups as a Percentage of the Total Population

Table 6 shows age groups as a percentage of the total population in 2010. A notable difference is that 25.0% of Barnstable County residents are age 65 years and over, compared with 13.8% for Massachusetts population and 12.4% for the nation. Contrasted with other counties, Barnstable County has the highest percentage of residents 65 years and over in New England and along the eastern seaboard until Florida.⁹

Focusing on the population groups *under 18 years* and *65 years and over*, Table 7 shows notable differences among Barnstable County towns. Sandwich has the highest percentage of residents less than 18 years (24.0%) and Orleans has the highest percentage 65 years and over (39.8%).¹⁰

⁹ For more information on geographic distribution of the older adult population go to: www.agingstats.gov/Main_Site/Data/2012_Documents/Population.aspx

¹⁰ The region's population age 65 years and over further increases in the warmer months when part-time (seasonal) residents return to Cape Cod.

Table 6: Age Groups as a Percentage of Total Population in 2010

2010	Barnstable County		MA	USA
	N	%	%	%
Total population	215,888	(X)	(X)	(X)
Age groups (years)				
Under 5	8,854	4.1%	5.6%	6.5%
5 to 9	9,874	4.6%	5.9%	6.6%
10 to 14	11,031	5.1%	6.2%	6.7%
15 to 19	12,008	5.6%	7.1%	7.1%
20 to 24	9,579	4.4%	7.3%	7.0%
25 to 34	17,756	8.2%	12.9%	13.3%
35 to 44	22,902	10.6%	13.5%	13.3%
45 to 54	34,363	15.9%	15.5%	14.6%
55 to 64	35,642	16.5%	12.3%	11.8%
65 to 74	26,779	12.4%	7.0%	7.0%
75 to 84	18,780	8.7%	4.6%	4.3%
85 and over	8,320	3.9%	2.2%	1.8%
Under 18	37,249	17.3%	21.7%	24.0%
18 and over	178,639	82.7%	78.3%	76.0%
21 and over	172,102	79.7%	73.7%	71.6%
55 and over	89,521	41.5%	26.1%	24.9%
60 and over	71,913	33.3%	19.4%	18.5%
65 and over	53,879	25.0%	13.8%	13.0%

Source: U.S. Census Bureau, Census 2010

(X) Not applicable

Table 7: Barnstable County Population Under Age 18 Years and Age 65 Years and Over in 2010

	Total population (N)	Under 18 years (%)	65 years and over (%)
Barnstable County	215,888	17.3%	25.0%
Barnstable	45,193	18.3%	21.0%
Bourne	19,754	18.4%	18.8%
Brewster	9,820	16.3%	28.1%
Chatham	6,125	12.2%	37.7%
Dennis	14,207	13.9%	32.2%
Eastham	4,956	12.7%	32.4%
Falmouth	31,531	17.3%	26.0%
Harwich	12,243	16.1%	29.0%
Mashpee	14,006	19.3%	23.5%
Orleans	5,890	11.0%	39.8%
Provincetown	2,942	6.8%	20.4%
Sandwich	20,675	24.1%	15.7%
Truro	2,003	13.1%	24.2%
Wellfleet	2,750	13.4%	26.6%
Yarmouth	23,793	15.8%	29.4%

Source: U.S. Census Bureau, Census 2010

E. Race and Origin

Table 8 compares race and Hispanic or Latino origin of the Barnstable County population from 2000 to 2010.¹¹

Comparing U.S. Census 2000 and 2010:

- Barnstable County experienced growth of 2,862 persons identifying their race as other than white alone, a 22.3% increase in this population group.
 - The largest percentage change was for Asian persons, a 63.2% increase from 1,401 to 2,287 persons.
- Barnstable County experienced a decline of 9,204 persons identifying their race as white alone, a 4.4% decrease.
- Barnstable County experienced growth of 1,687 persons identifying as Hispanic or Latino origin of any race, a 56.2% increase.¹²

Table 8: Change in Race and Hispanic/Latino Origin, Barnstable County, 2000 to 2010

	2000	2010	Change 2000 to 2010	
			N	%
Total population	222,230	215,888	-6,342	-2.9%
a. African American/Black	3,969	4,062	93	2.3%
b. American Indian/Alaskan Native	1,235	1,324	89	7.2%
c. Asian	1,401	2,287	886	63.2%
d. Some other race	2,530	3,320	790	31.2%
e. Two or more races	3,697	4,701	1,004	27.2%
Race is other than white alone (a – e)	12,832	15,964	2,862	22.3%
White alone	209,398	200,194	-9,204	-4.4%
Hispanic or Latino any race ⁸	3,000	4,687	1,687	56.2%

Source: U.S. Census Bureau, Census 2000 and 2010

Table 9 compares the Barnstable County, Massachusetts, and nation's population percentages by race and Hispanic or Latino origin in 2010.

- Although Barnstable County's diversity is growing, with 7.3% of the resident population identifying their race as other than white alone and 2.2% as Hispanic or Latino of any race, the region remains less diverse than Massachusetts and the nation.

¹¹See Section I.B.3 of this report regarding potential underestimates of people who are non-citizens without legal documentation that may occur in U.S. Census data, which may affect data on race and national origin.

¹² Hispanic or Latino refers to a person's origin in the countries of Latin America or the Iberian Peninsula, a racially diverse population group. The Gaston Institute (University of Massachusetts) report, *Brazilians in the U.S. and Massachusetts: A Demographic and Economic Profile (2007)*, indicates that some Brazilian people may identify as being of Hispanic or Latino origin.

Table 9: Race and Hispanic or Latino Origin as a Percentage of the Total Population in 2010

	Barnstable County (%)	MA (%)	USA (%)
a. African American/Black	1.9%	6.6%	12.6%
b. American Indian/Alaskan Native	0.6%	0.3%	0.9%
c. Asian	1.1%	5.3%	4.8%
d. Some other race	1.5%	4.7%	6.4%
e. Two or more races	2.2%	2.6%	2.9%
Race is other than white alone (a – e)	7.3%	19.5%	27.5%
White	92.7%	80.4%	72.4%
Hispanic or Latino any race	2.2%	9.6%	16.3%
Mexican	0.4%	0.6%	10.3%
Puerto Rican	0.6%	4.1%	1.5%
Cuban	0.1%	0.2%	0.6%
Other Hispanic or Latino ¹³	1.1%	4.8%	4.0%

Source: U.S. Census Bureau, Census 2010

The Massachusetts Department of Elementary and Secondary Education enrollment data on race and ethnicity is helpful for describing diversity of children and youth. Of the 24,624 students enrolled in Barnstable County public schools (grades K-12) in the 2012 to 2013 school year:

- 11.1% are reported to be race other than white alone
- 4.6% are reported to be of Hispanic or Latino origin of any race

This suggests more diversity among the region’s children and youth (Appendix II shows these data by Barnstable County public school district).

F. Languages Spoken at Home Other Than English¹⁴

Estimates of the percentage of the population five years and over for which the primary language spoken at home is other than English are:

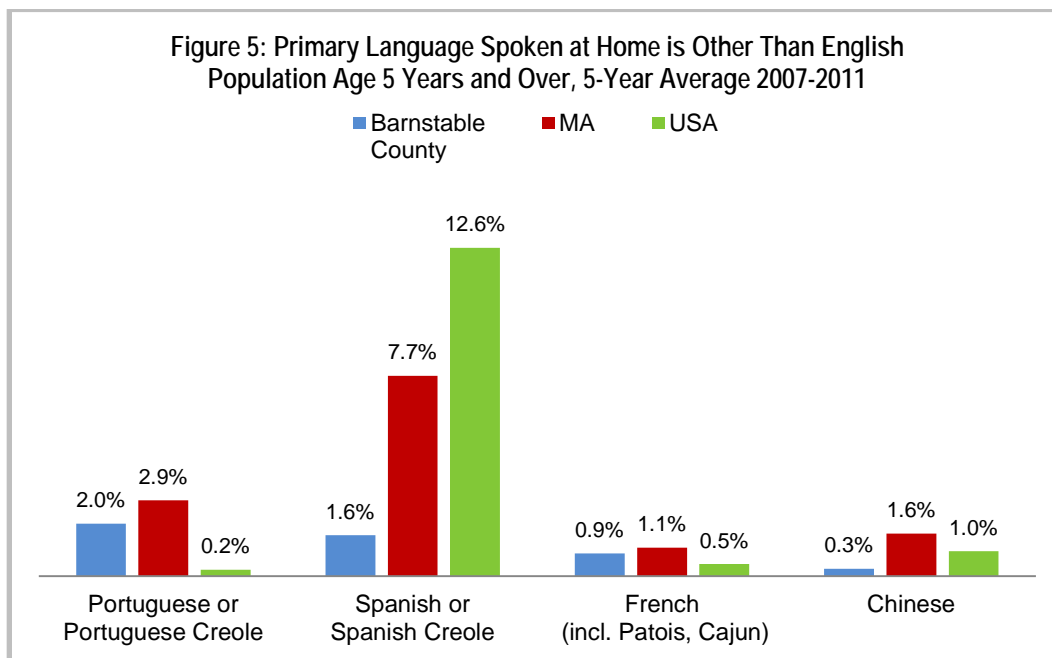
- Barnstable County: 7.9%
- Massachusetts: 21.4%
- United States: 20.3%

These percentages are drawn from the American Community Survey 2007 to 2011 five-year estimates, which report 39 languages. Other than English, the four most common languages primarily spoken at home in Barnstable County and Massachusetts are 1) Spanish or Spanish Creole, 2) Portuguese or Portuguese

¹³ According to the U.S. Census Bureau definition, other Hispanic or Latino is comprised of people whose origins are from the Dominican Republic, Spain, and Spanish-speaking Central or South American countries. It also includes general origin responses such as "Latino" or "Hispanic."

¹⁴ Please see Section I.B.3 of this report regarding potential underestimates of people who are non-citizens without legal documentation that may occur in U.S. Census data, which may affect data on primary language spoken at home other than English.

Creole, 3) Chinese and 4) French including Patois and Cajun. As shown in Figure 5, there is some variation in the order of these languages by geography, with Portuguese the most common in Barnstable County.



Source: U.S. Census Bureau, American Community Survey, 2007 to 2011 5-Year Estimates

Table 10 provides detail on the top 10 languages other than English primarily spoken at home by Barnstable County residents 5 years and over. The first two columns provide the estimated number who speak a particular language at home and the percentage of the population 5 years and over they represent. The second two columns provided the estimated percentages who speak English “very well” and “less than very well”. For example, with reference to Table 11 estimates:

- 4,181 residents speak Portuguese at home, 7.9% of the population 5 years and over
- Of these 4,181 residents, 49.6% speak English “very well” and 50.4% “less than very well”

Of note, residents who primarily speak Portuguese at home are least likely to speak English “very well”. The American Community Survey does not distinguish the country of origin by language; however, those who primarily speak Portuguese at home would include Barnstable County residents who are Brazilian.

Table 10: Primary Language at Home is Other Than English, Barnstable County
5-Year Average 2007-2011

Estimates Population age 5 Years and Over	Number	Percent*	Speak English Very Well	Speak English Less Than Very Well
Population 5 years and over	207,528	(X)	(X)	(X)
Speak other than English at home	16,350	7.9%	(X)	(X)
Portuguese or Portuguese Creole	4,181	2.0%	49.6%	50.4%
Spanish or Spanish Creole	3,267	1.6%	73.4%	26.6%
French (includes Patois & Cajun)	1,815	0.9%	89.9%	10.1%
German	763	0.4%	89.1%	10.9%
Greek	757	0.4%	67.5%	32.5%
Italian	697	0.3%	92.4%	7.6%
Chinese	584	0.3%	73.8%	26.2%
Russian	536	0.3%	72.6%	27.4%
French Creole	439	0.2%	73.6%	26.4%
Polish	366	0.2%	75.1%	24.9%
Other	2,945	1.4%	NA	NA

Source: U.S. Census Bureau, American Community Survey, 2007-2011 5-Year Estimates

(X) Not applicable

*Percentages rounded to one decimal point

The Massachusetts Department of Elementary and Secondary Education reports enrollment data on “first language is other than English” and “limited English proficiency”. For the 2012 to 2013 school year, 5.5% of the 24,624 students in Barnstable County public schools (grades K-12) have a first language other than English, contrasted with 17.3% of all Massachusetts students. For the same school year, 2.9% of students in Barnstable County public schools have limited English proficiency, contrasted with 7.7% of all Massachusetts students. These percentages are considerably higher for public school districts such as Barnstable, Dennis/Yarmouth and Provincetown, as can be seen in Appendix II.

G. Marital Status

Table 11 shows 2011 estimates of marital status by sex for the population 15 years and over for Barnstable County, Massachusetts, and the nation.

- Across geographies, males are more likely to identify as never married.
- Barnstable County differences, such as the higher percentage of widowed, likely correspond to the age distribution of the region’s population.

Table 11: Marital Status 15 years and Over, 2011 Estimates

Estimates	Barnstable County (%)	MA (%)	USA (%)
Males 15 years and over	88,153	(X)	(X)
Never married	30.9%	38.2%	35.8%
Now married (excludes separated)	55.0%	49.6%	50.1%
Separated	0.8%	1.6%	1.9%
Divorced	9.1%	7.9%	9.8%
Widowed	4.1%	2.7%	2.5%
Females 15 years and over	99,372	(X)	(X)
Never married	22.6%	33.2%	29.4%
Now married (excludes separated)	47.9%	44.4%	46.6%
Separated	1.6%	2.3%	2.6%
Divorced	14.3%	10.9%	12.2%
Widowed	13.6%	9.2%	9.3%

Source: U.S. Census Bureau, American Community Survey, 2011 1-Year Estimates
(X) Not applicable

H. Education

1. Enrollment in Preschool to Grade 12

Table 12 shows 2011 estimates of the population three years and over who are enrolled in preschool through 12th grade for Barnstable County, Massachusetts, and the nation, inclusive of public and private schools. The differences by geography at each level of school enrollment are small, particularly given a margin of error for these estimates.

Table 12: School Enrollment Age 3 years and Over, 2011 Estimates

Estimates	Barnstable County (%)	MA (%)	USA (%)
Population 3 years and over enrolled in school through 12 th grade	30,553	(X)	(X)
Nursery school/preschool	7.4%	9.8%	8.5%
Kindergarten	5.3%	6.9%	7.1%
Elementary school (grades 1 – 8)	53.4%	53.7%	55.4%
High school (grades 9-12)	33.9%	29.6%	29.0%

Source: U.S. Census Bureau, American Community Survey, 2011 1-year Estimates
(X) Not applicable

Table 13 compares Barnstable County school enrollment for the population 3 years and over in 2000 with estimates for 2011.

- The decline of 8,717 in school enrollment during this period, a 22.2% decrease, is consistent with a decline in numbers of children and youth residing in the region during a similar period.
- In addition, the 43.0% decrease in nursery/preschool enrollment could reflect reduced parental resources to enroll children in private settings with fees; indeed, the percentage of nursery/preschool children enrolled in private settings decreased from 57.3% in 2000 to 39.9% in 2011.

Table 13: School Enrollment 3 years and Over Barnstable County, 2000 and 2011 Estimates

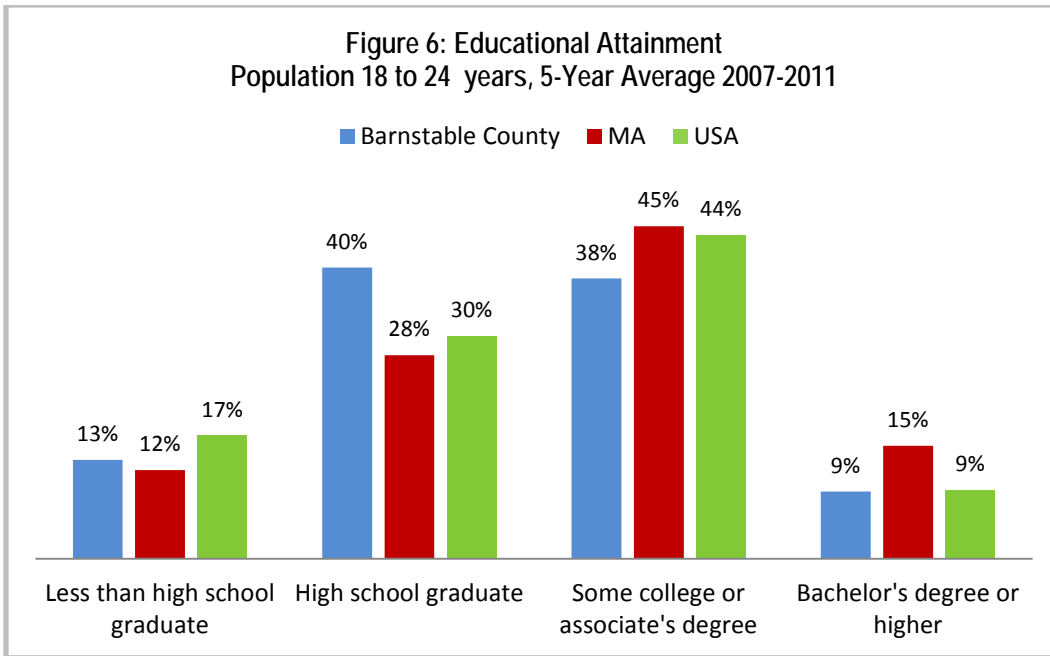
Estimates	2000	2011	Change 2000 to 2011	
			N	%
Population 3 years and over enrolled in school through 12 th grade	39,270	30,553	-8,717	-22.2%
Nursery school/preschool	3,987	2,274	-1,713	-43.0%
Kindergarten	2,215	1,608	-607	-27.4%
Elementary school (grades 1 – 8)	22,199	16,326	-5,873	-26.5%
High school (grades 9-12)	10,869	10,345	-524	-4.8%

Source: U.S. Census Bureau, Census 2000 and American Community Survey, 2011 1-year Estimates

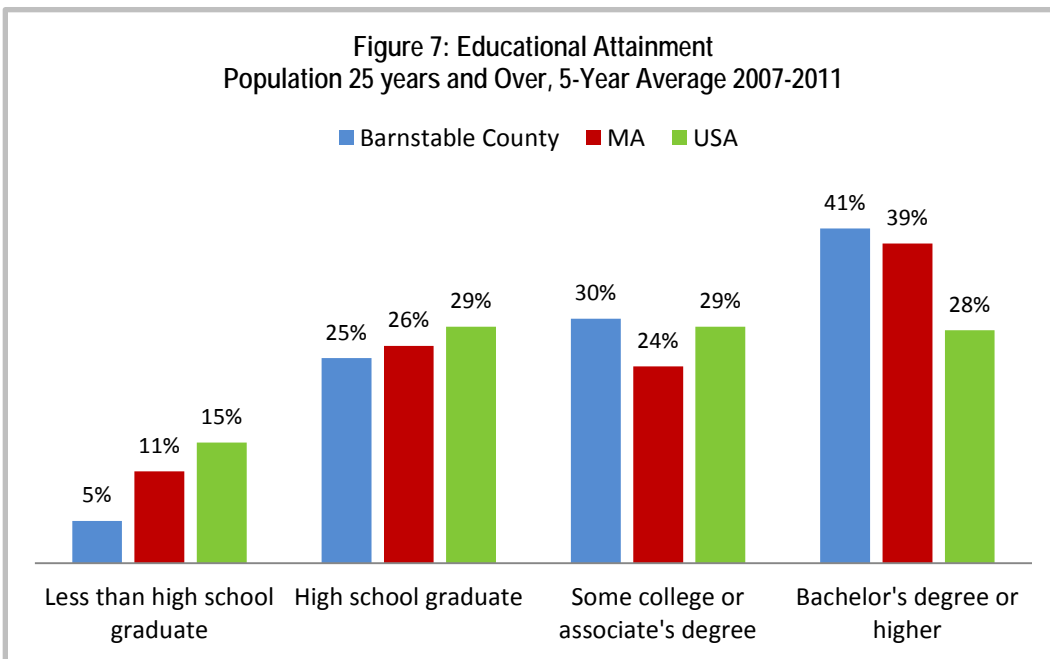
2. Educational Attainment Age 18 Years and Over

Figure 6 shows 2011 five-year average estimates of educational attainment for the population age 18 to 24 years. Adding the two college categories, Barnstable County's population in this age group is somewhat less likely to have educational attainment beyond high school (47%) compared with Massachusetts (60%) and the nation (53%).

Figure 7 shows the same data for the population age 25 years and over. Adding the two college categories, Barnstable County's population in this age group is somewhat more likely to have educational attainment beyond high school (71%) compared with Massachusetts (63%) and the nation (57%).



Source: U.S. Census Bureau, American Community Survey, 2007-2011 5-Year Estimates
High school graduate includes equivalency



Source: U.S. Census Bureau, American Community Survey, 2007-2011 5-Year Estimates
High school graduate includes equivalency
Of note, 2011 estimates indicate that Barnstable County's population *age 65 years and over* is considerably more likely to have attained a bachelor's degree or higher (41%) compared with Massachusetts (25%) and the nation (20%).

I. Other Population Groups

1. People with Disabilities

The U.S. Census Bureau defines disability as having a long-lasting physical, mental, or emotional condition. This condition can make it difficult for a person to do activities such as walking, climbing stairs, dressing, bathing, learning, or remembering. This condition can also impede a person from being able to go outside the home alone or to work at a job or business.

Table 14 provides estimates of the number and percentage of non-institutionalized Barnstable County residents with a disability in total and by age group, comparing this with the percentage for Massachusetts and nation. Of note, Barnstable County has a lower percentage of non-institutionalized adults age 65 years and over with a disability (22.0%) compared with Massachusetts (34.1%) and the nation (36.6%).

Although not isolated in Table 14, overall the percentage of males and females in Barnstable County with a disability is comparable across age groups: 11.2% of males and 11.1% of females. Nevertheless, females age 65 years and over are more likely to have a disability (24.9%) than males (18.2%).

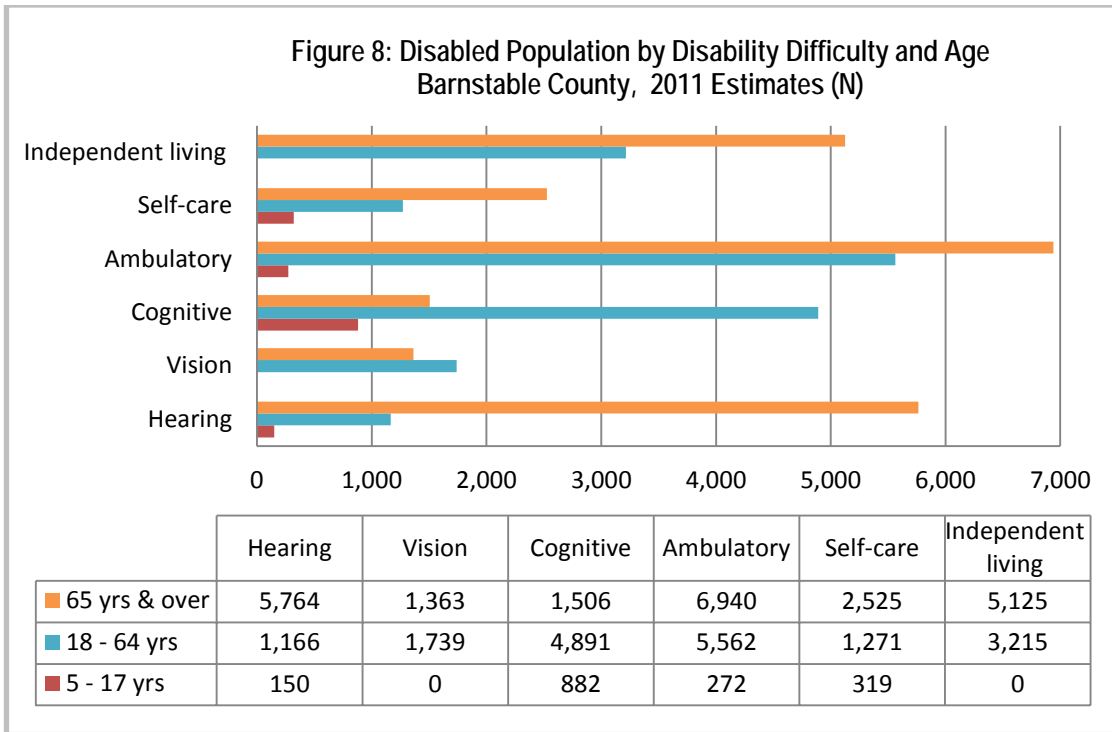
Table 14: Disability Status of the Civilian Non-institutionalized Population, 2011 Estimates

Estimates	Barnstable County		MA	USA
	N	%		
Total Civilian Non-institutionalized Population	212,896	(X)	(X)	(X)
With a disability	23,758	11.2%	11.3%	12.1%
Under 18 years	35,973	(X)	(X)	(X)
Under 18 with a disability	1,395	3.9%	4.5%	4.0%
18 to 64 years	123,135	(X)	(X)	(X)
18 to 64 with a disability	10,544	8.6%	8.8%	10.2%
65 years and over	53,788	(X)	(X)	(X)
65 years and over with a disability	11,819	22.0%	34.1%	36.6%

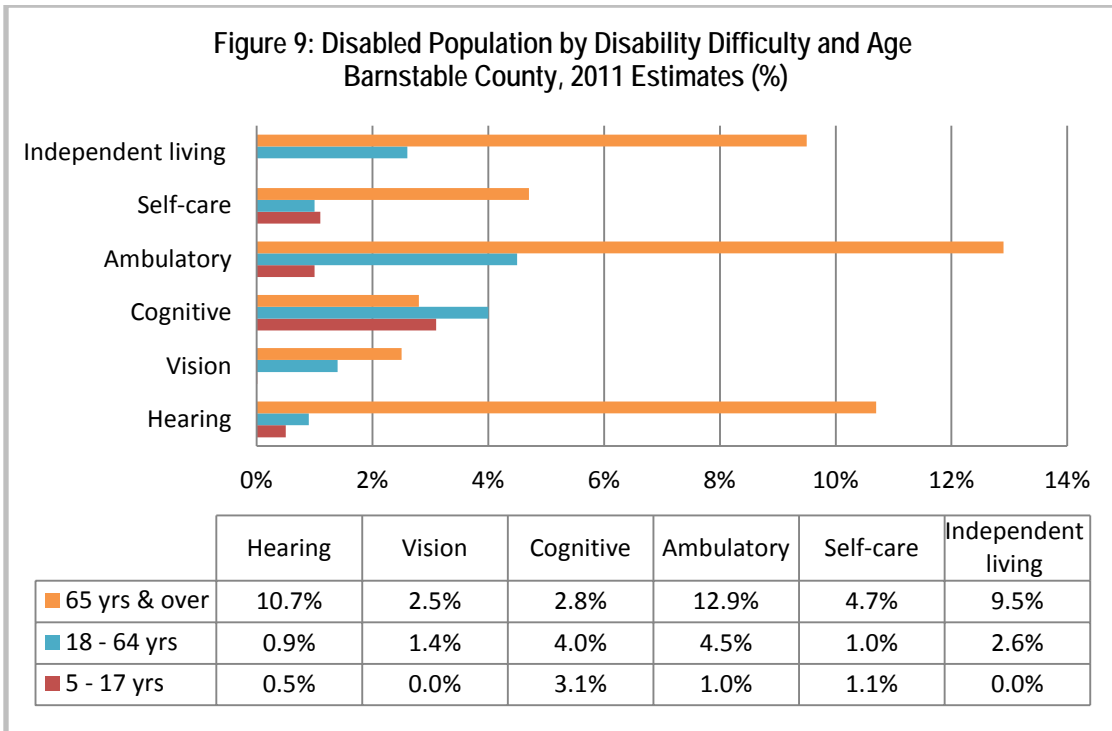
Source: U.S. Census Bureau, American Community Survey, 2011 1-Year Estimates

(X) Not applicable

Figure 8 and Figure 9 provide estimates of the types of disability difficulties by age group for Barnstable County residents, first by number and then by percentage; a person may have more than one difficulty. Ambulatory difficulty is the most common difficulty for the population 18 years and over; other disability difficulties vary by age.



Source: U.S. Census Bureau, American Community Survey, 2011 1-Year Estimates
 A person with a disability may have none, one, or more than one of the difficulty types listed.
 Note that the zero for vision and independent living reflects the small sample size; taking into consideration margin of error there are likely children with these difficulties.



Source: U.S. Census Bureau, American Community Survey, 2011 1-Year Estimates
 A person with a disability may have none, one, or more than one of the difficulty types listed.
 Note that the zero for vision and independent living reflects the small sample size; taking into consideration margin of error there are likely children with these difficulties.

2. Veterans

Table 15 shows that 14.4% of Barnstable County’s residents are veterans, almost twice that of Massachusetts as a whole (7.7%), which is consistent with the higher percentage of Barnstable County residents who are age 55 years and over.

Table 15: Veteran Population in 2010

	Barnstable County		MA (%)	USA (%)
	N	%		
Population 18 years and over	178,639	(X)	(X)	(X)
Veterans (≥ 18 years)	25,686	14.4%	7.7%	9.8%

Source: U.S. Department of Veterans Affairs, National Center for Veterans Analysis and Statistics

(X) Not applicable

Table 16 details Barnstable County’s veteran population by sex and age. Although only 7.0% of the 2010 veteran population is female, United States Department of Veteran Affairs data indicate that this percentage will increase over time.¹⁵ Of note, the percentages by age groupings reflect the periods of service, with younger age groups representing Gulf War era and older representing Korean, Vietnam and World War II eras.⁸

Table 16: Barnstable County Veteran Population by Sex and Age in 2010

	Barnstable County	
	N	%
Veterans (≥ 18 years)	25,686	(X)
Female	1,803	7.0%
Male	23,883	93.0%
<i>Age</i>		
Under 44 years	2,774	10.8%
45 – 64 years	7,503	29.2%
65 – 84 years	12,478	48.6%
85 years and over	2,931	11.4%

Source: U.S. Department of Veterans Affairs, National Center for Veterans Analysis and Statistics

(X) Not applicable

According to United States Department of Veteran Affairs data, the Barnstable County veteran population declined from 32,533 to 25,686 individuals from 2000 to 2010, a 21.0% decrease of 6,847 individuals. By age group, the changes were:

- 17 – 44 years: -1,207
- 45-64 years: -3,072
- 65-84 years: -4,515
- 85 years and over: +1,947

Nationally there was a 16.5% decrease in the veteran population from 2000 to 2012 and more than a 21.0% decrease in the veteran population in Massachusetts.¹⁶

¹⁵ Source is: www.va.gov/vetdata/docs/QuickFacts/Population_quickfacts.pdf

¹⁶ Source is: www.va.gov/vetdata/docs/QuickFacts/quickfactmaps_slideshow.pdf

3. *Grandparents Responsible for Grandchildren*

Table 17 shows the 2009 to 2011 three-year average estimates of the population age 30 years and over responsible for their own grandchildren. The number of Barnstable County residents is 564, which is 0.4% of the population in that age group. This is a lower percentage than for Massachusetts (0.9%) and the nation (1.5%).

The estimated number of Barnstable County residents responsible for their own grandchildren has decreased; for example, the 2005 to 2007 average estimate was 964. Human service organizations, however, report an increase in grandparents seeking assistance with raising grandchildren. Possible explanations are that although the numbers have decreased, the complexity of the responsibility of raising grandchildren may have increased. As such, more grandparents are seeking assistance and service options have grown.

Table 17: Grandparents Responsible for Own Grandchildren, 2009 to 2011 3-Year Average

Estimates Population 30 years and over	Barnstable County		MA	USA
	N	%		
Population 30 years and over	155,373	(X)	(X)	(X)
Living with own grandchildren under 18 years	1,897	1.2%	2.9%	3.8%
Responsible for own grandchildren under 18 years	564	0.4%	0.9%	1.5%

Source: U.S. Census Bureau, American Community Survey, 2009-2011 3-Year Estimates

(X) Not applicable

III. Household and Housing Characteristics

A. Household Composition¹⁷

Table 18 shows the change in household types in Barnstable County from 2000 to 2010. Changes are consistent with age data reported in Section II.D of this report.

Comparing U.S. Census 2000 and 2010:

- Barnstable County experienced a net growth of 933 households, a 1.0% increase, consisting of:
 - A decline of 2,317 family households, a 3.8% decrease
 - Growth of 3,250 non-family households, a 9.6% increase
- Decreases are most notable in households with individuals under 18 years of age, with an overall decline of 3,495 households, a 14.1% decrease.
- Barnstable County experienced growth of 2,894 households with individuals 65 years and over, an 8.3% increase.
 - There was growth of 1,650 householders 65 years and over living alone, a 12.1% increase.

Table 18: Change in Households, Barnstable County, 2000 to 2010

	2000	2010	Change	
			N	%
Total households	94,822	95,755	933	1.0%
Family households	61,041	58,724	-2,317	-3.8%
With own children under age 18 years	23,071	19,317	-3,754	-16.3%
Husband-wife family	49,457	46,263	-3,194	-6.5%
With own children under age 18 years	16,833	13,499	-3,334	-19.8%
Female householder – no husband present	8,939	9,222	283	3.2%
With own children under age 18 years	5,000	4,419	-581	-11.6%
Non-family households	33,781	37,031	3,250	9.6%
Householder living alone	27,986	30,444	2,458	8.8%
Householder 65 years and over living alone	13,637	15,287	1,650	12.1%
Households with individuals under 18 years	24,780	21,285	-3,495	-14.1%
Households with individuals 65 years and over	34,803	37,697	2,894	8.3%
Average household size	2.28	2.21	-0.07	-3.1%
Average family size	2.82	2.77	-0.05	-1.8%

Source: U.S. Census Bureau, Census 2000 and 2010

¹⁷ The U.S. Census defines a household as all the people who occupy a housing unit as their usual place of residence, further described as family and non-family. The U.S. Census defines a family household as consisting of a householder and one or more other people related to the householder by birth, marriage, or adoption. By federal definition, family households do not include same-sex married couples even if the marriage was performed in a state issuing marriage certificates for same-sex couples.

Table 19 and Figure 10 compare Barnstable County household types with Massachusetts and the nation in 2010. The following highlights some differences in household characteristics that are consistent with differences in age distribution by geography described in Section II.D of this report:

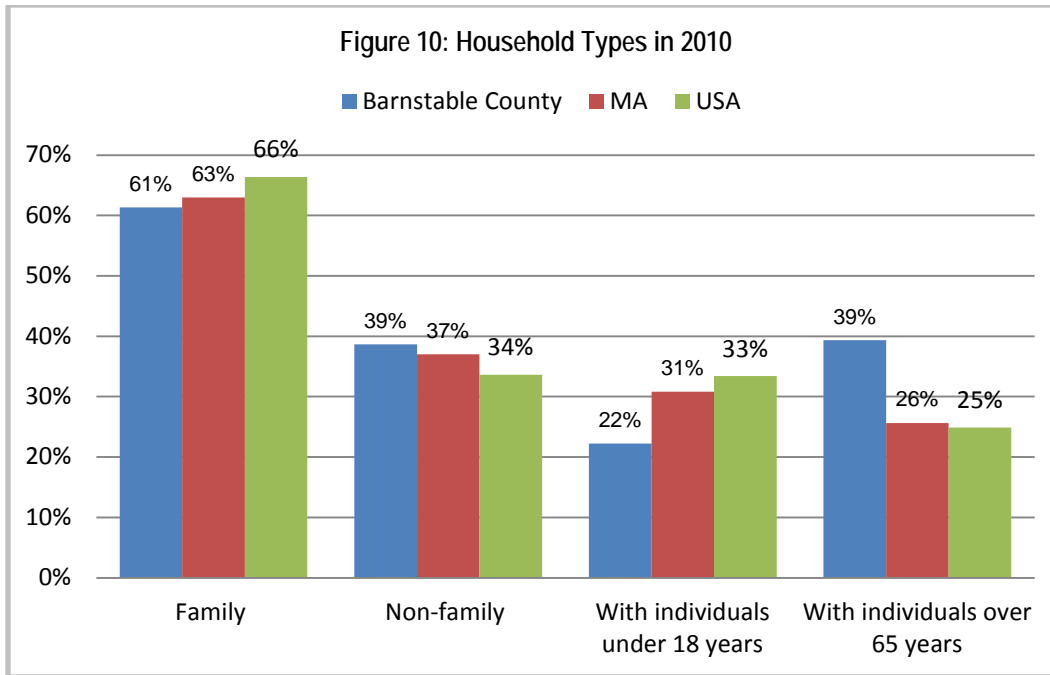
- Barnstable County has a lower percentage of households with individuals under age 18 years (22.0%) compared with Massachusetts (30.8%) and the nation (33.4%).
- Barnstable County has a higher percentage of households with individuals of age 65 years and over (39.4%) compared with Massachusetts (25.6%) and the nation (24.9%).
- Barnstable County has a comparatively smaller household and family size.
- Of note, within family households, Barnstable County has a lower percentage of female householders with no husband present (9.6%) compared with Massachusetts (12.5%) and the nation (13.1%), including this type of household with children under 18 years of age.

Table 19: Household Types in 2010

	Barnstable County		MA	USA
	N	%	%	%
Total households	95,755	(X)	(X)	(X)
Family households	58,724	61.3%	63.0%	66.4%
With own children under age 18 years	19,317	20.2%	28.3%	29.8%
Husband-wife family	46,263	48.3%	46.3%	48.4%
With own children under age 18 years	13,499	14.1%	19.7%	20.2%
Female householder – no husband present	9,222	9.6%	12.5%	13.1%
With own children under age 18 years	4,419	4.6%	6.8%	7.2%
Non-family households	37,031	38.7%	37.0%	33.6%
Householder living alone	30,444	31.8%	28.7%	26.7%
Householder 65 years and over living alone	15,287	15.9%	10.7%	9.4%
Households with individuals under 18 years	21,285	22.2%	30.8%	33.4%
Households with individuals 65 years and over	37,697	39.4%	25.6%	24.9%
Average household size (N)	2.21	NA	2.48	2.58
Average family size (N)	2.77	NA	3.08	3.14

Source: U.S. Census Bureau, Census 2010

(X) Not applicable



Source: U.S. Census Bureau, Census, 2010

B. Housing Characteristics

According to the U.S. Census 2010, 98.2% of Barnstable County residents live in housing units, slightly higher than the Massachusetts percentage of 96.4%. The remaining 1.8%, comprising 3,961 individuals, live in group quarters. This includes institutionalized group quarters (for example, correctional facilities for adults, nursing homes, and hospice facilities) and non-institutional group quarters (for example, military quarters and group homes).

Table 20 compares the number of housing units in Barnstable County and Massachusetts from 1970 to 2011.

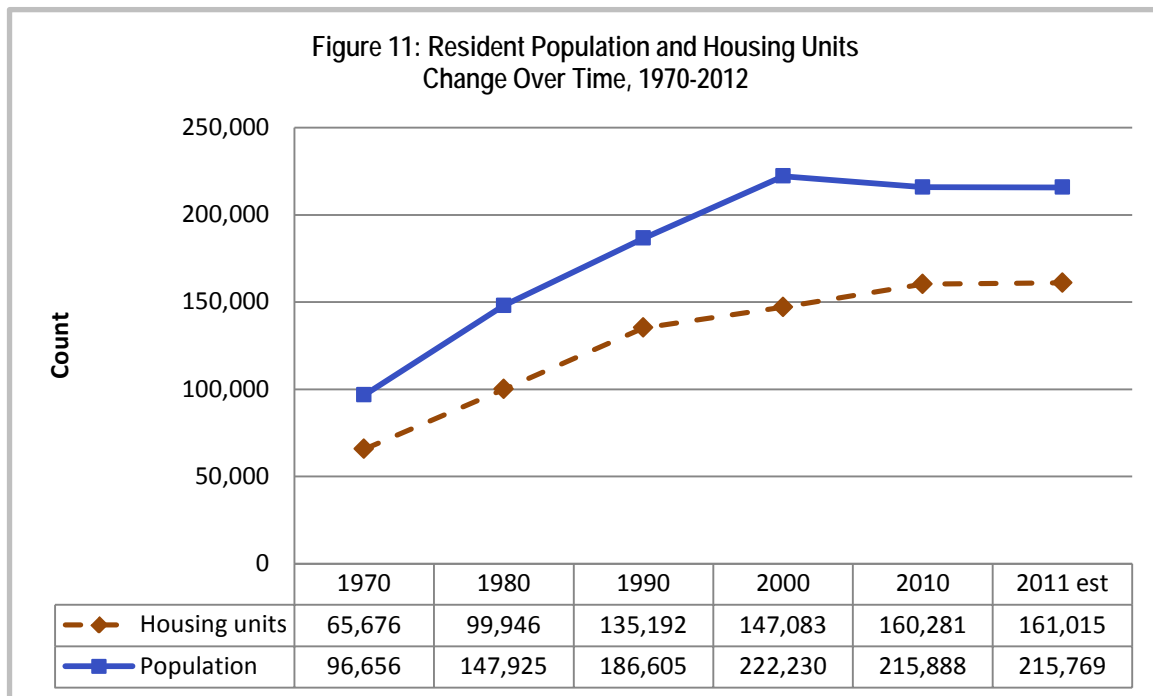
- Barnstable County had a remarkably higher growth rate in housing units in the decades from 1970 to 1990 compared with Massachusetts.
 - There were 65,676 units in 1970 and 135,192 units in 1990, an increase of 66,516 units.
- Since 1990, the growth in Barnstable County housing units has slowed to a rate similar to Massachusetts, with an estimated 161,015 units in 2011.

Figure 11 shows how Barnstable County's growth in the number of housing units parallels population growth; nevertheless, there continues to be a slight growth in housing units while the population is declining. This could reflect net growth in the number of Barnstable County households, albeit a shift from family households to non-family households, as well as continued new demand for housing units for seasonal use.

Table 20: Change in Housing Units, 1970 to 2011

	Barnstable County	Massachusetts
1970	65,676	1,890,400
1980	99,946	2,208,168
10-yr change (#)	34,270	317,768
10-yr change (%)	52.2%	16.8%
1990	135,192	2,472,711
10-yr change (#)	35,246	264,543
10-yr change (%)	35.3%	12.0%
2000	147,083	2,621,989
10-yr change (#)	11,891	149,278
10-yr change (%)	8.8%	6.0%
2010	160,281	2,808,254
10-yr change (#)	13,198	186,265
10-yr change (%)	9.0%	7.1%
2011 estimates	161,015	2,819,028
1-yr change (#)	734	10,774
1-yr change (%)	0.5%	0.4%

Source: U.S. Census Bureau, Census 1970 to 2010 and 2011 Estimates



Source: U.S. Census Bureau, Census 1970 to 2010 and 2011 Estimates

Table 21 compares housing unit types for Barnstable County, Massachusetts and the nation in 2010.

- The number of Barnstable County occupied units of 95,755 corresponds with the number of households in 2010 (See Table 19).¹⁸
- A considerable proportion of Barnstable County housing units are for seasonal and recreational use (35.5%) compared with Massachusetts (4.1%) and the nation (3.5%). Indeed, Barnstable County has the highest number of units for seasonal use compared with all other Massachusetts counties.¹⁹
- Barnstable County's occupied units are more likely to be owner occupied (77.4%) than for Massachusetts (62.3%) and the nation (65.1%).
- The average household size of owner and renter occupied units in Barnstable County is smaller than for Massachusetts and the nation.

Table 21: Housing Unit Types in 2010

	Barnstable County		MA	USA
	N	%	%	%
Total housing units	160,281	(X)	(X)	(X)
Occupied units	95,755	59.7%	90.7%	88.6%
Vacant units	64,526	40.3%	9.3%	11.4%
For rent	3,102	1.9%	2.4%	3.1%
For seasonal or recreational use	56,863	35.5%	4.1%	3.5%
Other vacant (e.g., for sale, for rent but not occupied)	4,561	2.9%	2.8%	4.8%
Housing tenure (of occupied units)				
Owner occupied	74,110	77.4%	62.3%	65.1%
Renter occupied	21,645	22.6%	37.7%	34.9%
Average household size owner occupied (N)	(X)	2.26	2.66	2.65
Average household size renter occupied (N)	(X)	2.05	2.18	2.44

Source: U.S. Census Bureau, Census 2010

(X) Not applicable

According to 2011 American Community Survey estimates, 90.5% of Barnstable County residents of age one year and over remained in the same residence from the year before, compared with 86.9% for Massachusetts. Of the 9.5% of Barnstable County residents who moved residence in the prior year:

- 5.8% moved within Barnstable County
- 1.7% moved from another county in Massachusetts
- 1.6% moved from a different state
- 0.4% moved from abroad

¹⁸ U.S. Census Bureau household data do not capture homeless individuals who are not in group quarters. The Cape and Islands Regional Network to Address Homelessness estimates this number and the annual count from January 2013 is presently under review by the Network.

¹⁹ Source is STATS Cape Cod, County Profiles, *Housing*: www.statscapecod.org/profiles/county_profiles.php

IV. Economic Characteristics

In this section of the report, we present a range of economic characteristics that affect wellbeing, including income, poverty, food security, employment, health insurance coverage, and cost of living.

A. Income

With reference to the U.S. Census Bureau definition, sources of income include wages and earnings, investments, Social Security, public assistance payments, unemployment compensation, alimony and child support.²⁰ Household income is the sum of income of related household members 15 years and over. To analyze income over time, it is necessary to adjust for inflation; however, to mitigate this complexity, this section of the report focuses on current income data.²¹

Table 22 reports 2011 inflation adjusted estimates of annual income for all households, as well as subsets of households. Barnstable County is lower than Massachusetts on all but one household income characteristic, but Barnstable County and Massachusetts are both higher than the nation. In summary of 2011 annual income estimates:

- The median²² income of all households is \$56,699 for Barnstable County and \$62,859 for Massachusetts, a \$6,160 difference.
 - The median income of family households²³ is \$72,004 for Barnstable County and \$80,425 for Massachusetts, an \$8,421 difference.
 - The median income of non-family households is \$29,227 for Barnstable County and \$36,654 for Massachusetts, a \$7,427 difference.
- Barnstable County households, including family households, are less likely to have annual income of \$100,000 and over than Massachusetts households.
- The mean²⁴ income for households with retirement income is higher for Barnstable County (\$30,200) compared with Massachusetts (\$24,625).
 - As expected, Barnstable County has a higher percentage of households with retirement income (25.0%) compared with Massachusetts (15.9%).

²⁰ A U.S. Census Bureau definition of income can be found at: factfinder2.census.gov/help/en/american_factfinder_help.htm#glossary/glossary.htm

²¹ STATS Cape Cod provides selected income comparisons over time in Profiles, Regional Benchmarks and Town domains: www.statscapecod.org

²² Ordered from lowest to highest, the median divides the total cases into two equal parts: one-half of the cases fall below the median and one-half of the cases exceed the median.

²³ See page 21 for family household definition.

²⁴ Mean family income is obtained by dividing the total of all income reported by people 15 years and over in families by the total number of families.

The lower annual income of Barnstable County households is very relevant compared to cost of living, as discussed in Section IV.H of this report.

Table 22: Annual Household Income, 2011 Estimates

2011 Estimates	Barnstable County	MA	USA
Household Income – All Households			
Less than \$10,000	5.9%	7.0%	7.8%
\$10,000 to \$14,999	6.0%	5.3%	5.8%
\$15,000 to \$24,999	11.0%	9.2%	11.4%
\$25,000 to \$34,999	8.2%	8.2%	10.6%
\$35,000 to \$49,999	14.0%	11.2%	13.9%
\$50,000 to \$74,999	17.4%	16.3%	18.0%
\$75,000 to \$99,999	14.6%	12.6%	11.7%
\$100,000 and over	22.9%	30.2%	20.8%
Median household income	\$56,699	\$62,859	\$50,502
Difference to Barnstable County	(X)	\$6,160	-\$6,197
Mean household income	\$73,766	\$86,009	\$69,821
Difference to Barnstable County	(X)	\$12,243	-\$3,945
Mean household income with earnings	\$69,401	\$90,376	\$71,518
Difference to Barnstable County	(X)	\$20,975	\$2,117
Percent households with earnings	69.1%	78.4%	77.7%
Mean household income with retirement income	\$30,200	\$24,625	\$22,989
Difference to Barnstable County	(X)	-\$5,575	-\$7,211
Percent households with retirement income	25.0%	15.9%	17.7%
Family Households			
Less than \$10,000	3.0%	3.9%	5.1%
\$10,000 to \$14,999	2.0%	2.7%	3.5%
\$15,000 to \$24,999	5.9%	6.3%	8.8%
\$25,000 to \$34,999	6.9%	7.1%	9.4%
\$35,000 to \$49,999	13.9%	10.4%	13.5%
\$50,000 to \$74,999	19.2%	16.4%	19.3%
\$75,000 to \$99,999	18.6%	14.1%	13.9%
\$100,000 and over	30.4%	39.2%	26.4%
Median family household income	\$72,004	\$80,425	\$61,455
Difference to Barnstable County	(X)	\$8,421	-\$10,549
Median non-family household income	\$29,227	\$36,654	\$30,500
Difference to Barnstable County	(X)	\$7,427	\$1,273

Source: U.S. Census Bureau, American Community Survey, 2011 1-Year Estimates
(X) Not Applicable

B. Poverty

1. Poverty Thresholds

The federal government defines poverty thresholds as falling below a certain family income. Information on poverty often reflects the percentage of a population falling below 100% of the federal poverty guidelines, referred to as being in poverty. Whereas Barnstable County has a relatively high cost of living, it is also helpful to consider the population at 200% of poverty.

Table 23 provides annual income by family size for the thresholds of 100% and 200% of poverty in 2011. More recent guidelines are available but 2011 is provided because income data in Section IV. A of this report are 2011 estimates.

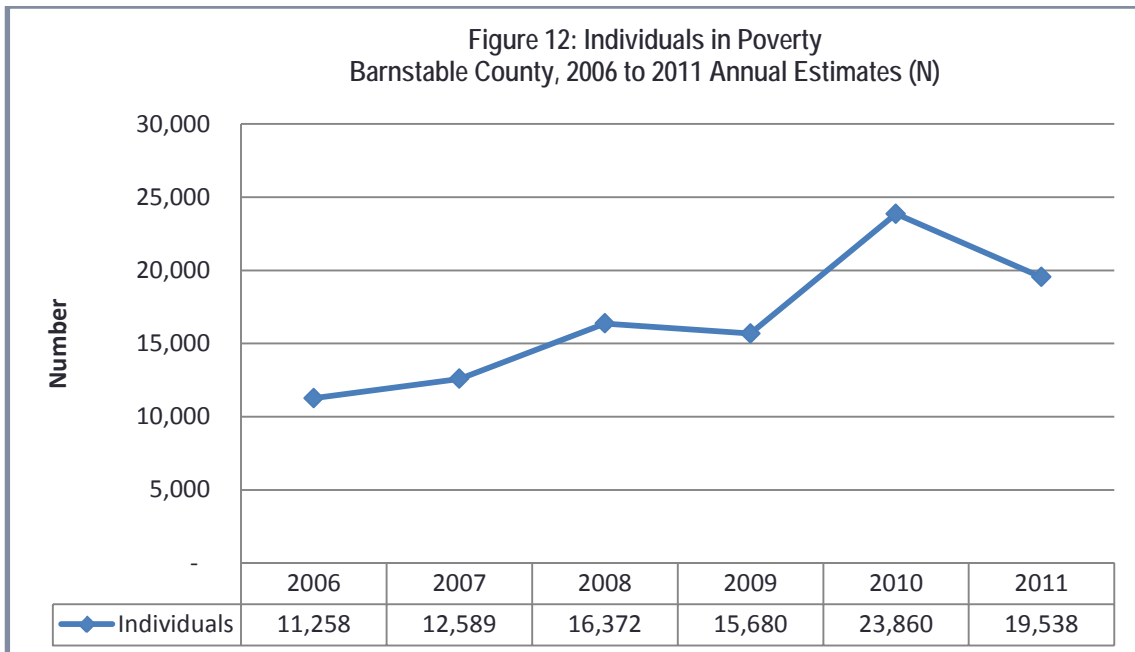
Table 23: Federal Poverty Guidelines 2011, Annual Income

Family Size	100% of poverty	200% of poverty
1	\$10,890	\$21,780
2	\$14,710	\$29,420
3	\$18,530	\$37,060
4	\$22,350	\$44,700

Source: Federal Register

2. Below 100% of Poverty

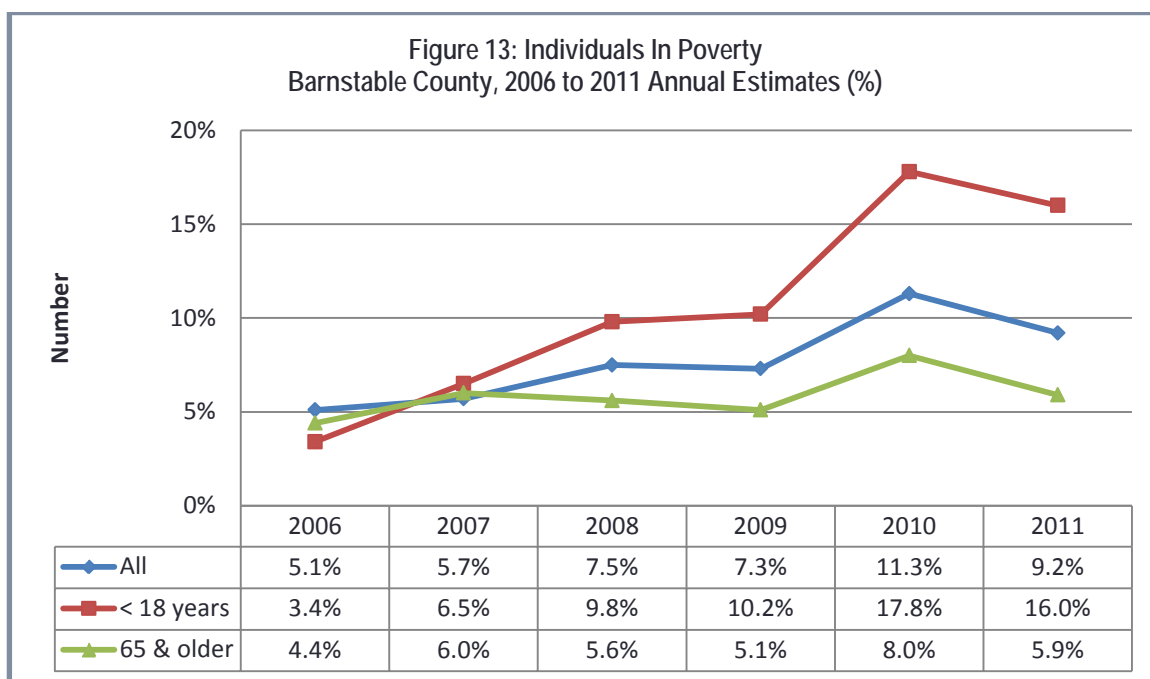
Figure 12 shows an estimated net increase of 8,280 Barnstable County residents in poverty (below 100% of poverty) from 2006 to 2011, a 73.5% change. Notably, even more individuals were in poverty in 2010, which coincides with the year that unemployment was highest in the region (see Section IV.F).



Source: U.S. Census Bureau, American Community Survey, 2006 to 2011 1-year Estimates

Figure 13 charts the change in the estimated percentage of Barnstable County residents in poverty in total and by two age groups, under 18 years and 65 years and over, for the period 2006 to 2011.

- The overall population percentage in poverty more than doubled from 5.1% in 2006 to 11.3% in 2010
 - This decreased to 9.2% in 2011 (19,538 persons).
- The percentage of Barnstable County children under 18 years of age in poverty grew remarkably from 3.4% in 2006 to 17.8% in 2010.
 - This decreased to 16.0% in 2011 (5,691 children).
- The percentage of Barnstable County residents age 65 years and over in poverty nearly doubled from 4.4% in 2006 to 8.0% in 2010.
 - This decreased to 5.9% in 2011 (3,158 older adults)



Source: U.S. Census Bureau, American Community Survey, 2006 to 2011 1-year Estimates

Barnstable County experienced the largest increase in the percentage of residents below 100% of poverty from 2006 to 2010 when comparing Massachusetts counties.²⁵ Nevertheless, Barnstable County's rate of people in poverty is still lower than most Massachusetts counties, ranking at number nine according to 2011 estimates.

²⁵ This is a comparison of 12 counties as one-year estimates of poverty are unavailable for Dukes and Nantucket counties because of the relatively small number of residents in poverty.

Table 24 compares the 2011 estimates of the population in poverty for Barnstable County, Massachusetts and the nation in total and by several population groups.

- Across geographies:
 - Attaining less than a high school education or equivalent is associated with the highest likelihood of being in poverty.
 - Children under 18 years of age are more likely to be in poverty compared with adults.
 - Females are more likely to be in poverty compared with males.
 - Working less than full-time or not at all is associated with a higher likelihood of being in poverty.
- Barnstable County and Massachusetts percentages of people in poverty were lower in total and by population groups contrasted with the nation.
- Barnstable County's total population in poverty (9.2%) is less than Massachusetts (11.6%) and the nation (15.9%).
- When comparing Barnstable County and Massachusetts across population groups, the County's percentage of people in poverty is generally either lower or equivalent to Massachusetts.
 - Nevertheless, Barnstable County residents age 65 years and over are less likely to be in poverty compared with Massachusetts (consistent with the higher mean income for this age group), as were people who did not work in the past 12 months (consistent with the higher percentage of households with retirees).

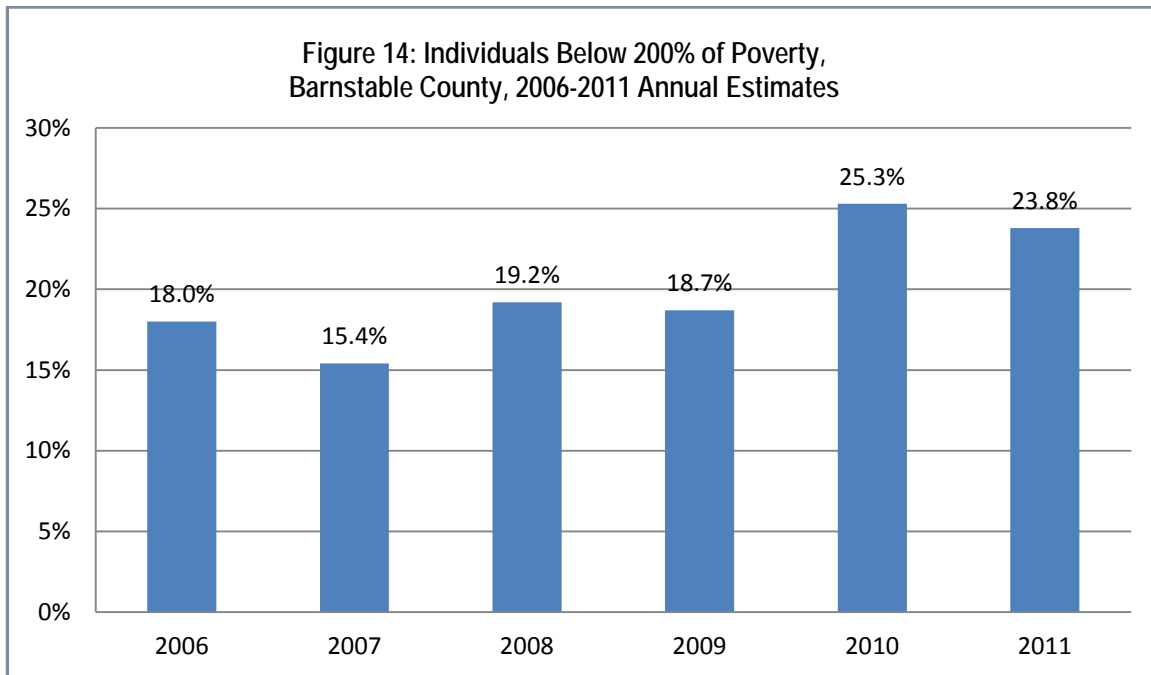
Table 24: Populations in Poverty, 2011 Estimates

2011 Estimates	Barnstable County	MA	USA
All	9.2%	11.6%	15.9%
Age			
Under 18 years	16.0%	15.2%	22.5%
18 to 64 years	8.7%	10.9%	14.8%
65 years and older	5.9%	9.3%	9.3%
Sex			
Male	7.7%	10.1%	14.7%
Female	10.5%	13.0%	17.2%
Educational Attainment (Age 25 years and over)			
Less than high school graduate	25.8%	24.9%	27.9%
High school graduate or equivalent	7.9%	11.2%	14.2%
Some college or associate's degree	6.6%	8.6%	10.5%
Bachelor's degree or higher	3.6%	4.2%	4.4%
Worked in the past 12 months (Age 16 years & over)			
Full-time, year round	1.6%	1.1%	2.9%
Less than full-time, year round	11.2%	13.1%	18.7%
Did not work	11.5%	21.9%	23.8%

Source: U.S. Census Bureau, American Community Survey, 2011 1-year Estimates

3. *Below 200% of Poverty*

The 2006 to 2011 increase in the percentage of Barnstable County residents below 200% of poverty was not as dramatic as experienced for below 100% of poverty. Figure 14 shows an increase from an estimated 18.0% in 2006 to 25.3% in 2010, with a slight drop to 23.8% in 2011.



Source: U.S. Census Bureau, American Community Survey, 2006-2011 1-year Estimates

In 2011, an estimated 50,630 Barnstable County residents were below 200% of poverty and Table 25 provides detail by age group with geographic comparisons.

- Across geographies, children under 18 years of age, young adults under age 25 years, and older adults 75 years and over have the highest likelihood of being below 200% of poverty.
- Compared with the nation, the percentages of Barnstable County and Massachusetts residents below 200% of poverty are lower across age groups.
- Barnstable County children ages 6 to 11 years and 12 to 17 years are more likely to be below 200% of poverty compared with Massachusetts children in the same age groups.

Table 25: Percentage of Individuals Below 200% of Poverty By Age, 2011 Estimates

2011 Estimates	Barnstable County		MA Percent < 200% Poverty	USA Percent < 200% Poverty
	Total	Number < 200% Poverty		
Civilian non-institutionalized population for whom poverty was estimated	212,691	50,630	23.8%	35.2%
Under 6 years	9,270	2,291	24.7%	48.6%
6 to 11 years	13,293	4,676	35.2%	45.3%
12 to 17 years	13,088	4,605	35.2%	41.1%
18 to 24 years	14,100	4,692	33.3%	48.6%
25 to 34 years	17,847	3,931	22.0%	36.1%
35 to 44 years	21,237	5,132	24.2%	30.8%
45 to 54 years	33,513	6,560	19.6%	25.8%
55 to 64 years	36,555	5,244	14.3%	24.2%
65 to 74 years	28,336	5,454	19.2%	27.1%
75 years and over	25,452	8,045	31.6%	38.0%

Source: U.S. Census American Community Survey 2011 1-Year Estimates

4. Family Composition for Children at Various Poverty Levels

Table 26 shows 2011 estimates of the percentage of Barnstable County children under age 18 years that live with one parent or two parents at three poverty thresholds.

- More than four out of five children in poverty live in a one-parent household (85.3%) compared with about one out of five children at 200% of poverty or over (19.4%).

Table 26: Family Composition for Children at Three Poverty Levels, 2009-2011 3-Year Average

Estimates	Lives with one parent (%)	Lives with two parents (%)
Under 100% (in poverty)	85.3%	14.7%
100% to 199%	53.6%	46.4%
200% or over	19.4%	80.6%

Source: U.S. Census Bureau, American Community Survey, 2009-2011 3-year Estimates
Based on 3-year average estimating 35,746 children under 18 years of age

C. Food Security

1. SNAP-Food Stamps

According to the U.S. Census Bureau's American Community Survey 2011 estimate, nearly 8,000 or 8.3% of Barnstable County residents received benefits from the Supplemental Nutrition Assistance Program (SNAP), previously known as food stamps, compared with 12.1% for Massachusetts and 13.0% for the nation.²⁶

2. Map the Food Gap

The national organization, Feeding America, provides a mapping resource for estimating the number of individuals in a region in households that are food insecure, that is have a food budget shortfall and therefore lack access at times to purchase enough food for an active, healthy lifestyle for all household members. This includes households where members may be recipients of or eligible for means tested food assistance, such as SNAP, as well as those that do not qualify.²⁷

- The Barnstable County estimate in 2010 was 22,720 food insecure individuals or about 10.4% of the population in that year, compared with 12.3% for Massachusetts and 16.1% for the nation.
- The Barnstable County estimate includes 5,750 food insecure children, or about 15.1% of the population under age 18 years in that year, compared with 16.8% for Massachusetts and 21.6% for the nation.

3. Free and Reduced Cost School Meal Program²⁸

In the 2012 to 2013 school year, 5,950 (24.2%) of Barnstable County students in public schools participated in the free school meal program compared with 32.1% of all students in Massachusetts. Another 1,233 (5.0%) participated in reduced price meals, similar to the Massachusetts percentage. (See Appendix II for detail by Barnstable County public school district.)

D. Employment

According to American Community Survey 2011 estimates, 111,991 Barnstable County residents age 16 years and over were in the labor force. For that year, the civilian labor force comprised 111,664 persons of which 102,162 (91.2%) were employed and 9,502 (8.5%) were unemployed. Armed forces comprised 327 persons. Table 27 lists the class of worker, comparing 2011 estimates for Barnstable County with Massachusetts and the nation. Of note, Barnstable County workers were less likely to be private wage and salary workers and almost twice as likely to be self-employed compared with Massachusetts and the nation.

²⁶ For eligibility criteria, go to: www.fns.usda.gov/snap/applicant_recipients/eligibility.htm

²⁷ For more detail go to: <http://feedingamerica.org/hunger-in-america/hunger-studies/map-the-meal-gap.aspx>

²⁸ Eligibility for the free school meal program is 130% or less of poverty, and for reduced price meals is 131% to 185% of poverty. For more information on this federal program: www.fns.usda.gov/child-nutrition-programs

Table 27: Class of Worker, 2011 Estimates

2011 Estimates	Barnstable County		MA	USA
	N	%	%	%
Employed civilian labor force 16 years and over	102,162	(X)	(X)	(X)
Private wage and salary workers	75,883	74.3%	80.7%	78.6%
Government workers	14,422	14.1%	12.7%	15.0%
Self-employed in own not incorporated business	11,727	11.5%	6.5%	6.2%
Unpaid family workers*	130	0.1%	0.1%	0.2%

Source: U.S. Census Bureau, American Community Survey, 2011 1-Year Estimates

(X) Not applicable *Working in family businesses without pay

Table 28 lists industries that employ workers, comparing Barnstable County with Massachusetts and the nation, ranked from the highest to lowest percentage for Barnstable County. For Barnstable County, Massachusetts and the nation, “*educational services/health care/social assistance*” has the highest percentage of employed workers in the civilian labor force.

- Consistent with the tourist economy, Barnstable County is more likely to have workers employed in “*retail trade*” and “*arts–entertainment–recreation–accommodation–food services*” compared with Massachusetts and the nation.
- Barnstable County workers are twice as likely to be employed in construction compared with Massachusetts.

Table 28: Industries Employing the Civilian Labor Force, 2011 Estimates

2011 Estimates	Barnstable County		MA	USA
	N	%	%	%
Employed civilian labor force 16 years and over	102,162	(X)	(X)	(X)
Educational services, health care and social assistance	22,217	21.7%	27.5%	23.2%
Retail trade	16,577	16.2%	11.3%	11.6%
Arts, entertainment, recreation, and accommodation and food services	12,199	11.9%	8.4%	9.4%
Construction	11,227	11.0%	5.5%	6.1%
Professional, scientific, and management, and administrative and waste management services	9,991	9.8%	12.7%	10.7%
Finance and insurance, and real estate and rental and leasing	7,644	7.5%	7.9%	6.6%
Public administration	4,962	4.9%	4.0%	5.1%
Other services, except public administration	4,525	4.4%	4.7%	5.0%
Transportation and warehousing, and utilities	4,063	4.0%	3.6%	5.0%
Manufacturing	3,738	3.7%	9.3%	10.4%
Information	2,356	2.3%	2.2%	2.1%
Wholesale trade	1,482	1.5%	2.6%	2.8%
Agriculture, forestry, fishing and hunting, and mining	1,181	1.2%	0.4%	1.9%

Source: U.S. Census Bureau, American Community Survey, 2011 1-Year Estimates

(X) Not applicable

E. Worker Earnings²⁹

The U.S. Census Bureau's American Community Survey estimates that 69.1% of Barnstable County households had worker earnings (wages and net self-employment income) in 2011, compared with 78.4% for Massachusetts and 77.7% for the nation. Explanations for this difference are Barnstable County's larger percentage of households with retirees and the higher unemployment rate discussed in Section IV.B of this report.

Table 29 compares estimates of **median annual earnings** in 2011 for Barnstable County, Massachusetts and the nation. Consistent with income, Barnstable County worker earnings are lower in comparison with Massachusetts, except for median annual earnings of women working full-time, year-round. Annual worker earnings for Barnstable County and Massachusetts exceed those of the nation.

Explanations for the geographic differences in median annual earnings include differences in the distribution of industry sectors where workers are employed, different wage ranges by geography for similar work, and the seasonal nature of work for some of the regions residents that can result in reduced hours or no hours of work during off-season months.

Table 29: Median Annual Earnings, 2011 Estimates

2011 Estimates	Barnstable County	MA	USA
Median earnings for workers	\$30,193	\$35,508	\$29,538
Difference to Barnstable County	(X)	\$5,315	-\$655
Median earnings for males, full-time year round	\$51,850	\$60,264	\$46,993
Difference to Barnstable County	(X)	\$8,774	-\$4,857
Median earnings for females, full-time year round	\$45,278	\$46,185	\$37,133
Difference to Barnstable County	(X)	\$907	-\$8,145

Source: U.S. Census Bureau, American Community Survey, 2011 1-Year Estimates

(X) Not applicable

Drawing from the Massachusetts Executive Office of Labor and Workforce Development Annual Employment and Wages Report, Table 30 compares the **mean weekly wages** in 2011 across industries and for lead industries for Barnstable County and Massachusetts.

- The most pronounced difference comparing Barnstable County with Massachusetts is for "*Professional and Business*" at \$1,006 and \$1,624 per week respectively, a \$618 difference.
- The lowest mean weekly wages for Barnstable County and Massachusetts are "*Retail*" and "*Leisure and Hospitality*" at \$542 and \$536 per week respectively.

²⁹ See page 27 for definition of median and mean.

Table 30: Mean Weekly Wages Overall and Lead Industries in 2011

	Barnstable County	MA
All	\$773	\$1,147
Difference to Barnstable County	(X)	\$374
Education and Health Services	\$915	\$1,022
Difference to Barnstable County	(X)	\$107
Retail	\$542	\$536
Difference to Barnstable County	(X)	-\$6
Leisure and Hospitality	\$430	\$427
Difference to Barnstable County	(X)	-\$3
Construction	\$929	\$1,205
Difference to Barnstable County	(X)	\$276
Professional and Business	\$1,006	\$1,624
Difference to Barnstable County	(X)	\$618

Source: Massachusetts Executive Office of Labor and Workforce Development
 Annual Employment and Wages, 2011
 (X) Not applicable

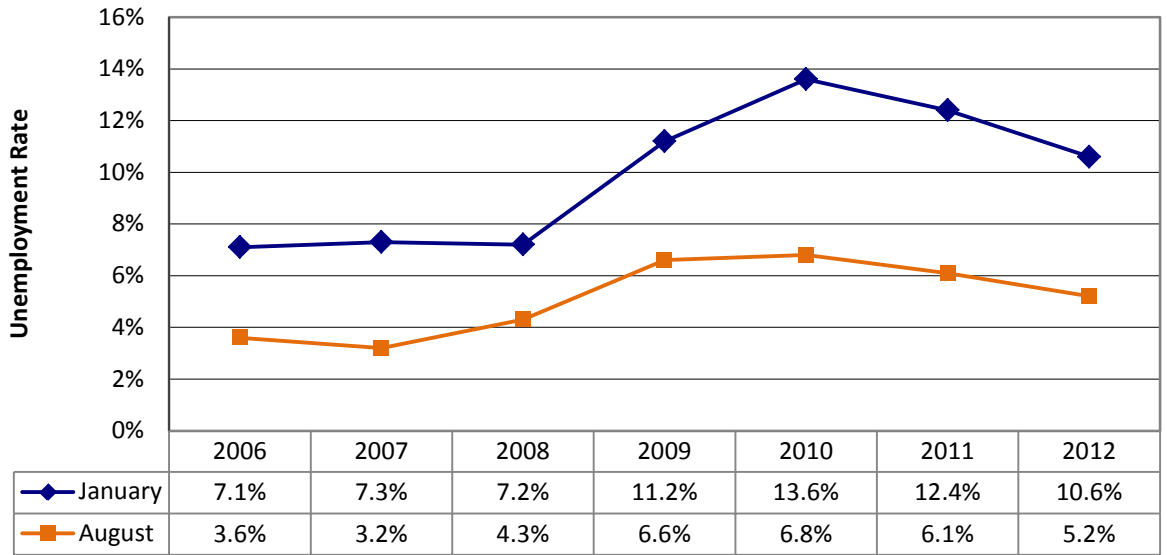
F. Unemployment

To demonstrate Barnstable County's seasonal variation in employment, Figure 15 charts January's unemployment rate (historically when unemployment is highest in the region) and August's unemployment rate (historically when unemployment in the region is lowest) from 2006 to 2012.

- Historically, Barnstable County's unemployment rate is approximately double in January compared with August.
- The region's highest January and August unemployment occurred in 2010, reaching an all-time high of 13.6% in January of that year and 6.8% in August.
 - There is considerable variability among the region's towns, with the outer-Cape towns most impacted by winter unemployment. For example, the unemployment rate in Provincetown in January 2010 was 39.9%.

Table 31 provides the most recent 13 months of labor force and unemployment data, comparing Barnstable County with Massachusetts. These data show the relative stability of the Massachusetts unemployment rate from month to month during this period contrasted with Barnstable County's seasonal fluctuations. There is also a slight decrease in the unemployment rate for Barnstable County and Massachusetts when comparing March 2013 with March 2012.

Figure 15: Barnstable County Unemployment Rate, 2006 to 2012
January-August Comparison



Source: Massachusetts Executive Office of Labor and Workforce Development
Unemployment rate is not seasonally adjusted

Table 31: Labor Force and Unemployment Data, March 2012 to March 2013

Month	Year	Barnstable County				MA Unemployment Rate (%)
		Labor Force (N)	Employed (N)	Unemployed (N)	Unemployment Rate (%)	
March	2013	115,483	105,029	10,454	9.1%	6.8%
February	2013	114,826	103,967	10,859	9.5%	6.8%
January	2013	116,346	104,727	11,619	10.0%	7.4%
December	2012	117,907	108,147	9,760	8.3%	6.6%
November	2012	118,871	110,342	8,529	7.2%	6.2%
October	2012	120,651	113,283	7,368	6.1%	6.3%
September	2012	123,408	116,063	7,345	6.0%	6.6%
August	2012	134,607	127,374	7,233	5.4%	6.7%
July	2012	136,226	128,456	7,770	5.7%	7.0%
June	2012	130,636	122,709	7,927	6.1%	6.9%
May	2012	119,637	111,633	8,004	6.7%	6.5%
April	2012	115,300	106,659	8,641	7.5%	6.3%
March	2012	113,473	102,438	11,035	9.7%	6.9%

Source: Massachusetts Executive Office of Labor and Workforce Development
Unemployment rate is not seasonally adjusted

G. Health Insurance

With passage of Massachusetts Health Care Reform in 2006, eligibility for MassHealth (Massachusetts Medicaid) and health insurance products offered through the Massachusetts Health Connector have significantly improved the percentage of Massachusetts residents with health insurance.

Nevertheless, the U.S. Census Bureau's American Community Survey 2011 estimates that Barnstable County still has 15,555 residents without health insurance, 7.3% of the population compared with 4.2% for Massachusetts. This higher rate of uninsured residents crosses population groups, as shown in Table 32. In summary, the following population groups have notably high rates of being uninsured, with Barnstable County's percentage followed by Massachusetts.

- Age 18 to 34 years: 19.4% versus 8.0%
- Black or African American: 18.6% versus 7.2%
- Hispanic or Latino of any race: 20.8% versus 9.2%
- Foreign born: 18.2% versus 9.6%
 - Foreign born and not a citizen: 23.3% versus 15.0%
- Not a high school graduate and over age 25 years: 21.3% versus 8.8%

Table 32: Health Insurance Status, 2011 Estimates

2011 Estimates	Barnstable County		Percent uninsured	MA Percent uninsured	USA Percent uninsured
	Total	Number uninsured			
Civilian non-institutionalized population	212,896	15,555	7.3%	4.3%	15.1%
Age					
Under 18 years	35,973	1,899	5.3%	1.7%	7.5%
18 to 34 years	31,873	6,174	19.4%	8.0%	26.9%
35-64 years	91,262	7,289	8.0%	4.7%	17.6%
65 years and over	53,788	193	0.4%	0.4%	1.0%
Sex					
Male	100,376	8,091	8.1%	5.2%	16.7%
Female	112,520	7,464	6.6%	3.3%	13.7%
Race*					
White alone	199,327	14,235	7.1%	3.5%	13.4%
Black or African American alone	4,965	925	18.6%	7.2%	17.7%
American Indian & Alaska Native alone	-	-	-	7.2%	27.6%
Asian alone	2,704	192	7.1%	4.8%	15.4%
Some other race alone	-	-	-	10.6%	33.6%
Two or more races	-	-	-	6.9%	14.4%
Hispanic or Latino of any race	4,852	1,010	20.8%	9.2%	29.8%
Nativity and Citizenship Status					
Native born	197,359	12,732	6.5%	3.3%	12.4%
Foreign born	15,537	2,823	18.2%	9.6%	33.6%
Naturalized	8,500	1,184	13.9%	4.3%	16.6%
Not a citizen	7,037	1,639	23.3%	15.0%	47.4%

Source: U.S. Census Bureau, American Community Survey, 2011 1 year Estimates

*Dash (-) indicates not available for Barnstable County

Table 32: Health Insurance Status Continued

2011 Estimates	Barnstable County			MA	USA
	Total	Number uninsured	Percent uninsured	Percent uninsured	Percent uninsured
Educational Attainment					
Civilian non-institutionalized population 25 years and older	162,708	10,899	6.7%	4.6%	16.3%
Less than high school graduate	8,732	1,857	21.3%	8.8%	31.1%
High school graduate or equivalent	41,148	4,639	11.3%	6.5%	19.7%
Some college or associate's degree	50,033	2,945	5.9%	4.6%	15.3%
Bachelor's degree or higher	62,795	1,458	2.3%	2.1%	6.9%
Employment Status					
Civilian non-institutionalized population 18 years and older in labor force	109,717	12,197	11.1%	5.7%	19.9%
Employed	100,632	10,812	10.7%	4.9%	17.1%
Unemployed	9,085	1,385	15.2%	14.1%	44.6%
Worked in the past 12 months					
Full-time, year round	61,187	4,427	7.2%	3.9%	13.7%
Less than full-time, year round	52,088	7,615	14.6%	7.8%	26.7%
Poverty					
Civilian population for whom poverty status is determined	212,364	15,338	7.2%	4.3%	15.2%
Under 1.38 of poverty threshold	31,820	3,885	12.2%	7.4%	27.2%
1.38 to 1.99 of poverty threshold	18,708	1,020	5.5%	7.2%	23.6%
2.00 of poverty threshold and over	161,836	10,433	6.4%	3.2%	9.3%

Source: U.S. Census Bureau, American Community Survey, 2011 1 year Estimates

According to MassHealth (Massachusetts Medicaid) records for state fiscal year 2011, nearly 36,000 Barnstable County residents had health insurance coverage through this means tested program. Table 33 shows the percentage by age group for Barnstable County, Massachusetts, and the nation according to American Community Survey 2011 estimates. The percentages are very similar comparing Barnstable County with Massachusetts, except a smaller percentage of Barnstable County residents age 65 years and over have dual enrollment in Medicaid and Medicare.

Table 33: Medicaid Coverage, 2011 Estimates*

2011 Estimates	Barnstable County	MA	USA
Under 18 years	30.4%	27.0%	33.2%
18 to 34 years	19.5%	17.1%	10.8%
35 to 64 years	11.8%	12.2%	6.3%
65 years and over (dual enrollment with Medicare)	3.7%	9.7%	8.5%

Source: U.S. Census Bureau, American Community Survey, 2011 1 year Estimates

*Includes the Children's Health Insurance Program

H. Cost of Living

The following are three methods for evaluating cost of living selected for this report.

1. *Income Spent on Housing Costs*

The generally accepted definition of housing affordability is for a household to pay no more than 30 percent of its annual income on housing. Those paying more than this percentage are considered cost burdened and may have difficulty affording necessities such as food, clothing, transportation and medical care.³⁰

Across the nation, renters historically have been more likely to pay more than 30 percent of their annual income in housing costs compared with homeowners. This is apparent in Table 34, which shows 2011 estimates of housing costs for Barnstable County, Massachusetts, and the nation for owner and renter occupied units. (Approximately one in four Barnstable County housing units is renter occupied.)

- Barnstable County owner occupied units have a lower median monthly housing cost compared with Massachusetts and the nation.
 - Nevertheless, 39.7% of Barnstable County households that live in the home they own spend more than 30 percent of annual income on housing costs, higher than the state (34.2%) and nation (26.9%).
- Barnstable County renter occupied units have a slightly higher median monthly housing cost compared with Massachusetts, and both geographies are higher than the nation.
 - 60.0% of Barnstable County households that rent spend more than 30 percent of annual income on housing costs, higher than Massachusetts (48.9%) and the nation (49.3%).
 - Of note, for Barnstable County households with annual income less than \$35,000, 84.7% of those that rent spend more than 30 percent of annual income on housing costs.

Table 34: Housing Costs, 2011 Estimates

2011 Estimates	Barnstable County	MA	USA
Owner occupied			
Median housing cost per month	\$1,094	\$1,655	\$1,424
Cost is 30% or more of annual income	39.7%	34.2%	29.6%
Renter occupied			
Median housing cost per month	\$1,131	\$1,034	\$871
Cost is 30% or more of annual income	60.0%	48.9%	49.3%

Source: U.S. Census Bureau, American Community Survey, 2011 1 year Estimates

³⁰ Definition obtained from: <http://www.hud.gov/offices/cpd/affordablehousing/> Costs include mortgage, rent, utilities, and other expenses; for detailed information on items included in housing costs go to: www.census.gov/housing/census/publications/who-can-afford.pdf

2. **Massachusetts Economic Independence Index**

The Crittenton Women’s Union recently issued its Massachusetts Economic Index (MEI) 2013 report.³¹ This economic index is an evidence-based approach for capturing the cost of meeting basic needs—including housing and utilities, food, transportation, health care, personal and household items such as clothing, and childcare for families with young children—as well as paying taxes.

Table 35 draws from the MEI report 2013 to compare Barnstable County with Massachusetts by three household types, showing that Barnstable County’s indexed cost is slightly lower than the Massachusetts average.³² Nevertheless, although annual income data in Table 22 of our report are 2011 estimates and do not reflect household size, it is reasonable to suggest that a number of Barnstable County families with children, as well as adult only households, struggle with the costs of meeting basic needs given the region’s median income data.³³

Table 35: Cost of Meeting Basic Needs in 2013

	1 Adult	1 Adult 1 Preschooler 1 School-age Child	2 Adults 1 Preschooler 1 School-age Child
Massachusetts	\$28,500	\$65,880	\$73,776
Barnstable County	\$26,544	\$62,040	\$69,552
Hourly wage needed per adult working full-time, year round	\$12.74	\$29.71	\$16.66 per adult

Source: Crittenton Women’s Union Massachusetts Economic Index, 2013 report

*Calculated by BCDHS at 40 hours per week

3. **Paycheck to Paycheck**

The Center for Housing Policy issues a report *Paycheck to Paycheck*, ranking 167 U.S. Metropolitan Area Housing Markets.³⁴ Six Massachusetts markets are included: Barnstable (town), Boston, Cambridge, Pittsfield, Springfield and Worcester. In Quarter One 2012:

- Barnstable ranked 22nd highest of all markets for median home price (\$275,000), necessitating an annual income of over \$80,000 to afford that price.
 - Barnstable ranked 3rd least affordable on an index of occupations versus home prices, tied with other markets, including Cambridge.
- Barnstable ranked 24th highest for median rental cost (\$1,229 for a 2 bedroom apartment)
 - Barnstable ranked 19th least affordable on an index of occupations versus rental costs.

³¹ For the Massachusetts Economic Index 2013 report, go to: www.liveworkthrive.org/site/assets/docs/MASS%20INDEX%20FINALWEB.pdf

³² The 2013 report indicates Barnstable County ranks number 7 of the 14 counties for each family type.

³³ As mentioned previously, 50% of people fall above and 50% below a population group’s median income.

³⁴ For the Paycheck to Paycheck report, go to: www.nhc.org/chp/p2p/

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Appendix I

Web Resources for Demographic and Socioeconomic Data

Resources are listed in alphabetical order and are not intended to be exhaustive.

Cape Cod Commission

STATSCapeCod

www.capecodcommission.org (Go to Quick Links menu)

Cape and Islands Regional Investment Board

<http://ciwib.org>

Council for Community and Economic Research, Cost of Living Index

www.coli.org

Crittenton Women's Union

www.liveworkthrive.org

Feeding America, Map the Food Gap

<http://feedingamerica.org/hunger-in-america/hunger-studies/map-the-meal-gap.aspx>

Massachusetts Department of Elementary & Secondary Education School District Profiles

<http://profiles.doe.mass.edu>

Massachusetts Executive Office of Labor and Workforce Development

www.mass.gov/lwd

Labor Market Information:

www.mass.gov/lwd/economic-data

Labor Force and Unemployment Data:

http://lmi2.detma.org/lmi/lmi_lur_a.asp

National Housing Conference and Center for Housing Policy

www.nhc.org/index.html

United States Census Bureau

www.census.gov

American Fact Finder (used extensively for this report):

<http://factfinder2.census.gov>

Small Area Income and Poverty Estimates: see interactive tool that allows searches and mapping at the census tract level, state and county data, and school district data

<http://www.census.gov/did/www/saipe/data/index.html>

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Appendix II

Barnstable County Public School Districts Indicators for Selected Populations School Year 2012/2013

1. Enrollment (July 24, 2013 update includes Nauset Elementary Schools)

Town	Grades	Enrollment
STATE ALL SCHOOLS	All	954,773
Barnstable	All	4,941
Barnstable Community Horace Mann Charter*	K-3	286
Bourne	All	2,105
Dennis/Yarmouth	All	3,097
Falmouth	All	3,536
Mashpee	All	1,725
Monomoy (Chatham-Harwich)	All	1,880
Nauset Elementary Schools	PK-5	1,172
Nauset Middle and High	6-12	1,545
Provincetown	All	107
Sandwich	All	3,124
Cape Cod Lighthouse Charter (Orleans)	6-8	228
Sturgis High (Hyannis)	9-12	739
Upper Cape Cod Reg. Voc. Tech High School	9-12	657
Cape Cod Reg. Voc. Tech High School	9-12	654
Barnstable County All Public Schools		25,796

*Part of Barnstable District

2. Race and Hispanic Origin

Town	African-American	Asian	Native American	Native Hawaiian/ Pacific Islander	Multi-race Non-Hispanic	Hispanic	Total Not White Alone	White Alone
STATE ALL SCHOOLS	8.6%	5.9%	0.2%	0.1%	2.7%	16.4%	33.9%	66.0%
Barnstable	5.2%	2.6%	0.8%	0.3%	4.2%	6.8%	19.9%	80.1%
Barnstable Community Horace Mann Charter*	10.5%	3.1%	0.7%	0.3%	3.1%	7.0%	24.7%	75.2%
Bourne	1.1%	1.3%	0.3%	0.0%	5.2%	3.3%	11.2%	88.7%
Dennis/Yarmouth	6.3%	2.1%	1.9%	0.1%	5.7%	7.7%	23.8%	76.3%
Falmouth	4.3%	2.6%	1.3%	0.1%	4.4%	3.3%	16.0%	83.9%
Mashpee	3.3%	2.1%	6.0%	0.2%	3.8%	3.5%	18.9%	81.0%
Monomoy (Chatham-Harwich)	6.8%	1.3%	0.2%	0.0%	3.9%	4.3%	16.5%	83.6%
Nauset Elementary Schools**	-	-	-	-	-	-	-	-
Nauset Middle and High	3.3%	2.1%	0.5%	0.4%	1.2%	3.4%	10.9%	89.0%
Provincetown	12.1%	0.9%	0.0%	0.0%	10.3%	15.9%	39.2%	60.7%
Sandwich	0.8%	1.9%	0.3%	0.0%	0.0%	0.6%	3.6%	96.4%
Cape Cod Lighthouse Charter (Orleans)	0.9%	0.4%	0.0%	0.0%	1.8%	1.3%	4.4%	95.6%
Sturgis High (Hyannis)	0.8%	2.8%	0.0%	0.1%	5.3%	3.9%	12.9%	87.0%
Upper Cape Cod Reg. Voc. Tech High School	2.4%	0.5%	1.1%	0.2%	3.0%	3.8%	11.0%	89.0%
Cape Cod Reg. Voc. Tech High School	4.9%	0.8%	1.2%	0.0%	4.4%	8.7%	20.0%	80.0%
Barnstable County All Public Schools							15.7%***	84.3%

*Part of Barnstable District

**Available for individual elementary schools; not included in total

***Sum of 11.1% for all races other than white alone and 4.6% Hispanic origin

3. Language and Free/Reduced Cost Meal Program

Town	First Language Not English	Limited English Proficiency	Free Lunch	Reduced Lunch
STATE ALL SCHOOLS	17.3%	7.7%	32.1%	4.9%
Barnstable	12.1%	5.7%	31.7%	6.6%
Barnstable Community Horace Mann Charter*	20.3%	14.3%	35.3%	7.3%
Bourne	1.0%	0.3%	19.5%	7.5%
Dennis/Yarmouth	10.4%	6.6%	37.3%	7.3%
Falmouth	3.4%	1.2%	24.4%	3.8%
Mashpee	2.5%	1.9%	27.7%	6.4%
Monomoy (Chatham-Harwich)	5.6%	3.5%	19.7%	3.6%
Nauset Elementary Schools**	-	-	-	-
Nauset Middle and High	2.8%	1.2%	15.1%	3.0%
Provincetown	9.3%	4.7%	35.5%	12.1%
Sandwich	0.3%	0.1%	12.3%	0.3%
Cape Cod Lighthouse Charter (Orleans)	0.0%	0.0%	10.1%	2.6%
Sturgis High (Hyannis)	2.3%	0.0%	4.3%	2.2%
Upper Cape Cod Reg. Voc. Tech High School	0.0%	0.0%	14.8%	8.7%
Cape Cod Reg. Voc. Tech High School	1.2%	1.1%	30.3%	6.4%
Barnstable County All Public Schools	5.5%	2.9%	24.2%	5.0%

*Part of Barnstable District

**Available for individual elementary schools; not included in total

Data accessed February 2013: <http://profiles.doe.mass.edu>



Promoting the health and social wellbeing of County residents through regional efforts

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