

PROFILE & PROJECTIONS OF THE 60+ POPULATION

LORAIN COUNTY
OHIO

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All county reports as well as a state report are downloadable at:
<http://www.scripps.muohio.edu/scripps/research/countyreports.html>

FAST FACTS

ABOUT

Lorain County and its 60+ Population



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- Almost 17% of Lorain County's population is age 60+ (or 46,988 individuals)
- By 2020, there will be 71,700 individuals age 60+ in Lorain County (This is a 53% increase in the 60+ population)
- Seven in 10 individuals age 85+ are female
- Disability increases with age: Only 3% of 60-69 year olds have a severe disability, compared to 44% of those 90+
- Over one third of individuals age 60+ have at least one disability
- By 2020, nearly 5,600 individuals age 60+ with a severe disability will reside in Lorain County
- Over 10% of the age 60+ population live in poverty
- Over 1 in 10 individuals age 60+ are racial or ethnic minorities
- Of men age 60+, 79% are married, compared to only 47% of women
- Over 7 in 10 individuals age 60+ have 12 or fewer years of education
- Of women age 60+, 37% live alone, compared to 16% of men



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Preface

During the next 20 years, the national population, as well as the population in Ohio, will grow older. In anticipation of this impending change, we have created this series of reports to help Ohio area agencies on aging, service providers, and other organizations that are not directly involved in aging services to better plan for the needs of the aging population.

The purpose of these reports is to present the unique profile of the **older population (60+)** in each of Ohio's 88 counties and to project the number of older people and the prevalence of disability among this population. Trends and projections are provided for ages 60 and above, because this is the eligibility age for some state and local home care programs. Specific topics explored include disability, poverty, marital status, living alone, and educational attainment among the older population. Throughout the reports, trends are compared according to gender and age group for each county. To provide a better understanding of the county's standing in relation to the rest of the state, population characteristics from each county are compared with corresponding measures of Ohio's older population. In order to provide insight into the direction the county is moving some population trends are also presented.

In preparing this report, we used data from the Census short form, which is available for all residents within each county, and the Census long-form, which is available for a representative sample of county residents. The actual Census count from the Census short-form and the weighted sample counts from the long-form may be slightly different. To preserve privacy and confidentiality of the respondents, the census long-form data is available for geographic units with a minimum population of 100,000. In some cases a large county encompasses several such geographic units while in other cases a few neighboring counties are bundled together to form a geographic unit with 100,000 population. In large counties, the data for education, poverty threshold, living arrangement, marital status and disability rates are for the county alone, while smaller neighboring counties will show identical data, for the above indicators of need for assistance, for the bundled counties. If the data are aggregated for several counties the counties in the collection will be listed in the preface.

Sources used to create all tables and figures are specified.



PROFILE & PROJECTIONS OF THE 60+ POPULATION: LORAIN COUNTY, OHIO

Background

This report illustrates the demographic changes that occurred in Lorain County between 1990 and 2000, and presents projections of the older population and the number of older adults with disabilities based on these trends. The report also covers other population characteristics that have been shown to be associated with the need for long-term care services among older adults, such as the prevalence of poverty, disability, living alone, lack of education, and being unmarried. County-level data are compared to data on Ohio as a whole in order to show differences or similarities in population characteristics. By examining both demographic patterns and informed projections, counties will be better prepared to address the needs of their aging and disabled populations.

County Overview

Lorain County is located in the northeast portion of the state, encompassing the city of Lorain. It is the 9th largest county in Ohio, with a population of 284,664. Lorain County is largely urban, with 16.4% of the population living in rural areas in 2000, compared to 13.6% in 1990. This represents an increase of 20.6% in rural population over the ten-year period. With 46,988 individuals age 60 and over, Lorain County has the tenth largest 60+ population in the state, yet it ranks 61st in proportion of total population that is 60+ (out of 88 counties in Ohio). As shown in the Summary Table, the 60+ population represents 16.5% of the total population in Lorain County.

**Summary Table
Lorain County, 2000**

Total Population Age 60+	46,988
% Population Age 60+	16.5
Population Age 40+	125,925
% Population Age 40+	44.2
% Population 60+ at or Below Poverty Level	10.2
Total Population Age 60+ with Self-Care Disabilities	5,218
% Population Age 60+ with at Least one Physical, Mental, Sensory or Self-Care Disability	34.4
% Population 60+ who are White	89.8
% Population Age 60+ who are Married	60.4
% Population Age 60+ who are Living Alone	28.4
% Population Age 60+ who Have Less Than a High School Diploma	32.7

In some instances in this report, data is presented for the population age 40+. This cohort is important to consider when developing projections, because the population age 40+ in 2000 will be age 60+ in 2020. The population that is currently 40+ is also significant because it contains the baby boom generation. As shown in the summary table, 44.2% of the population in Lorain County is currently over the age of 40.

In the remainder of this report, we explore variables (touched on in the Summary Table) that are related to long-term care needs. Factors related to one’s need for long-term care include disability, income, race and ethnicity, marital and educational status, and living arrangements. The following sections provide detailed analyses of these risk factors according to gender, age group, county/state standing, and ten-year trends.

Population Profile

The total population of Lorain County increased by 4.9% between 1990 (271,361 residents) and 2000 (284,664 residents). Similarly, the entire population of Ohio increased 4.7% in the same time. In 2000, 16.5% of the county population was 60+. Table 1 provides a detailed breakdown of the older population in Lorain County in 2000 by age group and gender.

**Table 1
Population Age 60+, by Gender and Age Group
Lorain County, 2000**

Age Group	Men		Women		Total
	Number	Percent	Number	Percent	
60-64	5,384	47.2	6,021	52.8	11,405
65-69	4,513	46.6	5,170	53.4	9,683
70-74	4,144	44.8	5,096	55.2	9,240
75-79	3,142	40.6	4,597	59.4	7,739
80-84	1,916	37.6	3,181	62.4	5,097
85-89	803	30.8	1,805	69.2	2,608
90-94	250	26.6	690	73.4	940
95+	60	21.7	216	78.3	276
Total 60+	20,212	43.0	26,776	57.0	46,988
Ohio 60+	823,200	41.9	1,140,289	58.1	1,963,489

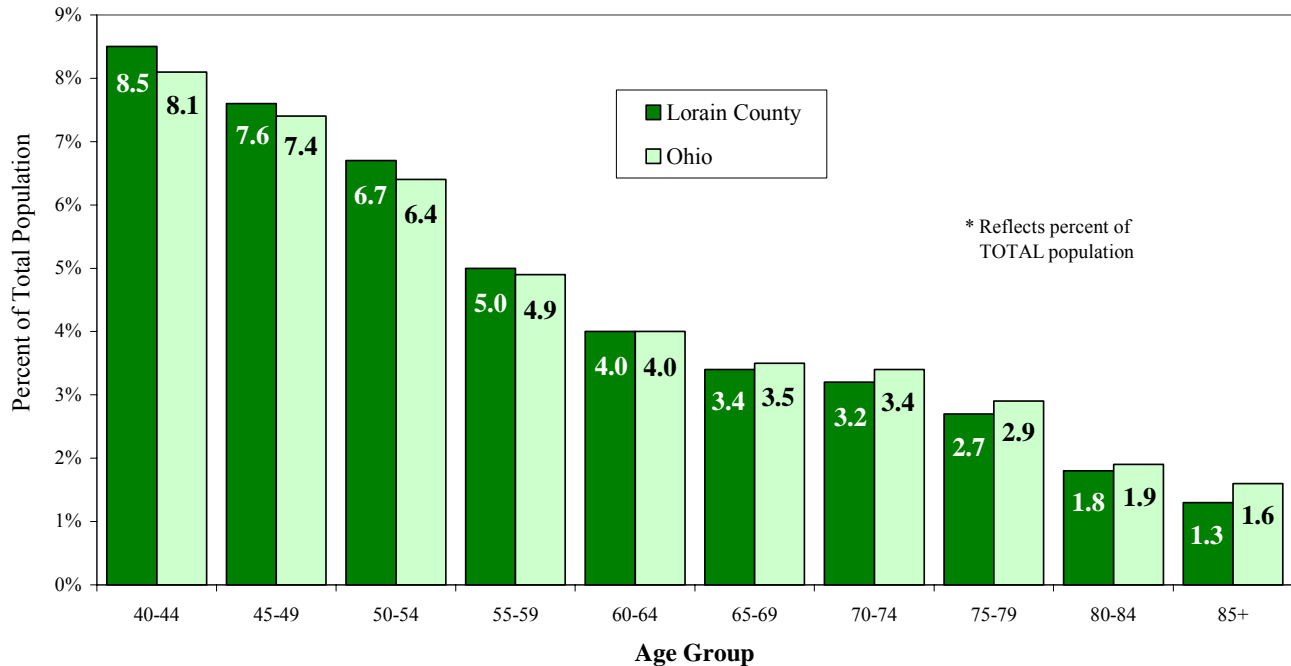
Source: U.S. Census Bureau, 2000 Census of Population: Table P12. SEX BY AGE [49] -

Universe: Total Population

Gender Distribution - The gender distribution of the older population in Lorain County is similar to that of the state of Ohio. Of the entire county population age 60+, women comprise 57.0% (compared to 58.1% in the state). As shown in Table 1, women outnumber men at all ages over 60; a disparity that increases with each advancing age group. Of particular interest is the gender ratio among the oldest age group. Of the population over the age of 84 in Lorain County, 70.9% are women. The higher proportion of women among the oldest age group suggests that the population potentially eligible for, and in need of, long-term care services is largely female.

Growth in the Older Population - As shown in Figure 1 (and Table 1a in the Appendix), there are only slight differences in the population distribution across age groups in the county compared to the state. Although the majority of Ohioans are under the age of 60, the proportion of older adults in Lorain County (and Ohio) will grow substantially over the next several decades. This growth in the older population is largely a result of the aging baby boomers. Currently ranging from 40 to 59 years of age, this cohort will dramatically impact the age distribution of the older population as they age. The influence of the baby boomers on both county and state populations is evident in Figure 1.

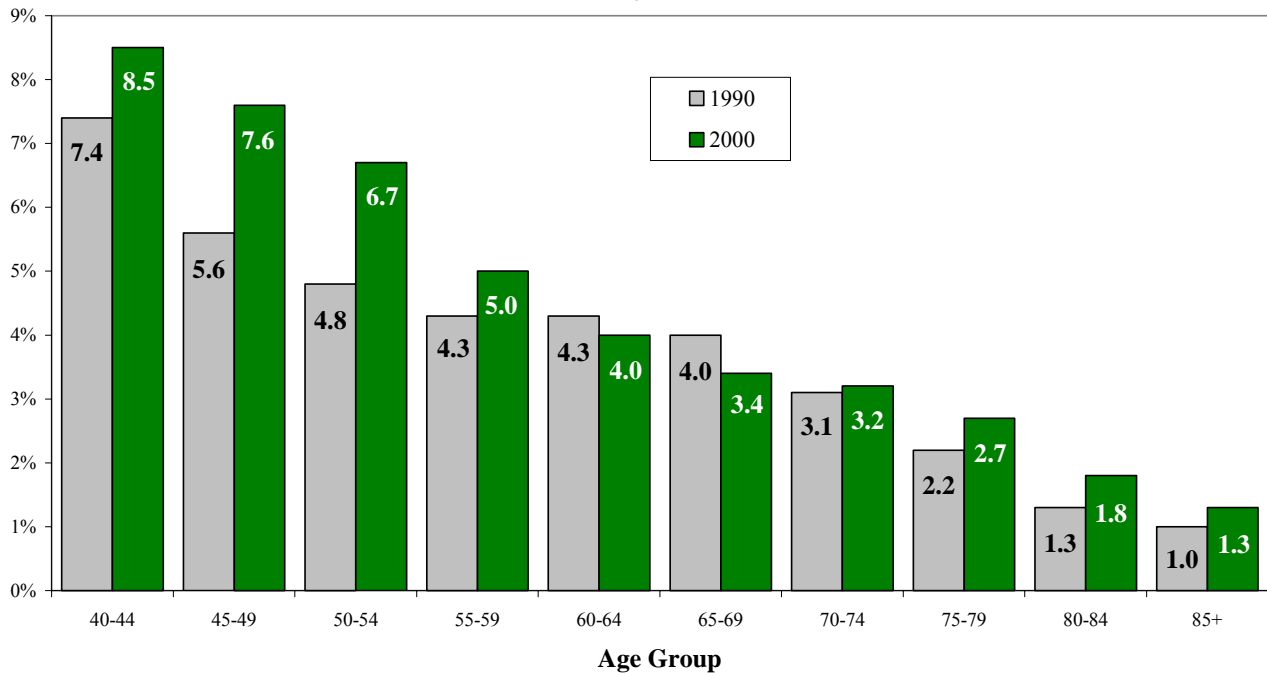
Figure 1
Population Distribution* by Age Group (40-85+)
Lorain County & Ohio, 2000



Source: U.S.Census Bureau, 2000 Census of Population:P12. SEX BY AGE [49].

The impact of the baby boomers on the age distribution of the 40+ population is also evident when population data from 2000 are compared to data from 1990. As shown in Figure 2 (and Table 2a in the Appendix), 27.8% of the county population was age 40-59 in 2000, compared to 22.1% in 1990. Also noteworthy is the increase in the population over the age of 85. In Lorain County, this age group comprised 1.3% of the population in 2000 compared to 1.0% in 1990 (a 30% increase in the 85+ population). In Ohio, 1.6% of the population was over the age of 85, compared to 1.3% in 1990 (a 22.8% increase in the 85+ population).

Figure 2
Population Distribution* by Age Group (40-85+)
Lorain County, 1990 & 2000



Source: U.S. Census Bureau, 1990 Summary Tape File 1 (STF1) P011 & 2000 Census of Population: P12. SEX BY AGE [49].

Another indication that the population in Lorain County is aging is the increase in median age¹. Between 1990 and 2000, median age increased from 32 years (1990) to 37 years (2000). This increase closely reflects that of the state, where the median age rose from 33 to 36 years in the same period. An increase in median age suggests that the proportion of older adults in Lorain County is growing. As these segments of the county population reach advanced age, the need for long-term care services may increase.

¹ The **median age** of a population is that age that divides a population into two groups of the same size, such that half the total population is younger, and the other half is older.

Population Projections

This section of the report focuses on the expected growth of the overall older population, and on the growth of the older population who will experience some limitation in their ability to perform basic *activities of daily living* (ADLs) such as bathing, dressing, and preparing meals.

To project the size of the population age 60 and older for the years 2005 to 2020, we began with the population (already born) that has reached at least the age of 40. Using the *cohort component* methodology of population projection (Shryock & Siegel, 1996), we made the following assumptions about both survival and migration rates:

Survival Rate: Ohio's survival rates are based on national projected survival rates. These rates include improvements in national mortality rates, while maintaining deviation from the national rates observed in Ohio in the 2000 Vital Statistics.

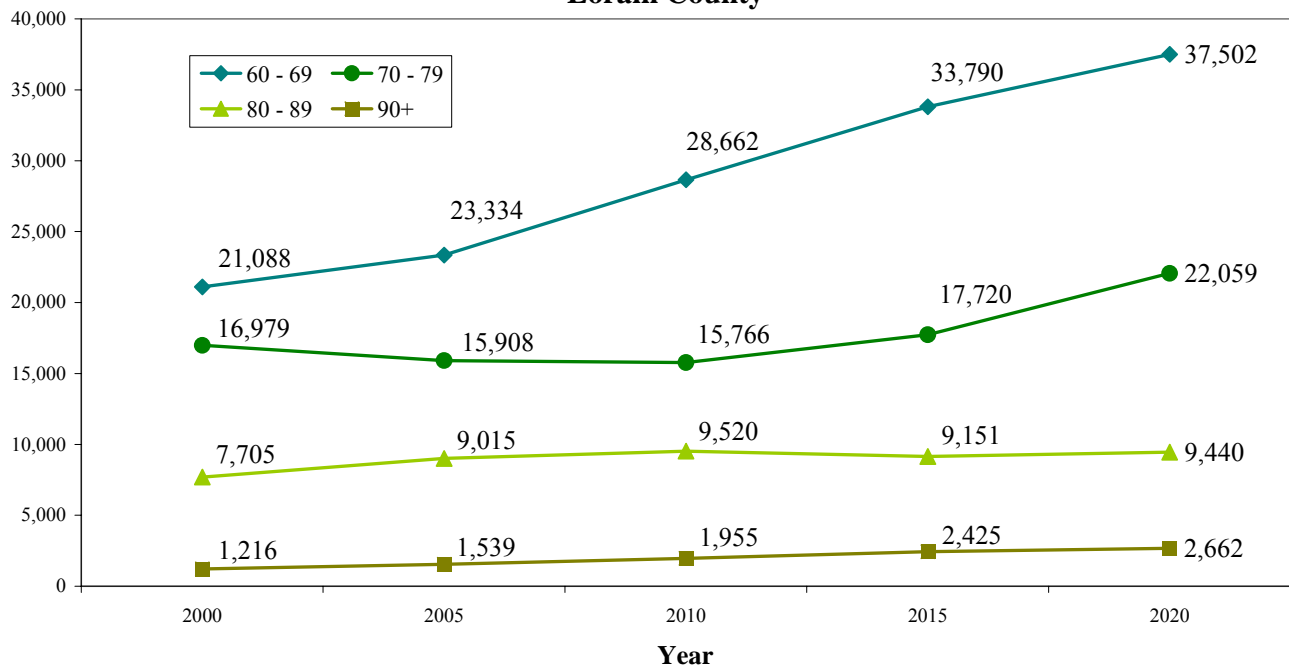
Migration Rate: The 10-year net migration rates were estimated using age-sex counts of each county's population in the 1990 and 2000 Censuses adjusted for the deaths occurring to the age-sex group from April 1, 1990 through March 31, 2000. Of course, in calculating the deaths occurring to an age group, adjustment was made for the group's aging during the decade. The age-sex specific rates of net migration for each county during 1995-2000 are assumed to hold for that county during the period 2000-2005 and 2005-2020. For a more detailed explanation of the procedures used for determining survival or migration rates see the Methodology section.

A beneficial feature of these population projections is the detailed presentation of the 85-89, 90-94, and 95+ age groups (when possible) for the following reasons:

- 1.) The high rate of growth of the population 85 years and over;
- 2.) Rates of disability vary considerably among these age groups;
- 3.) The Federal Interagency Forum on Aging-Related Statistics now recommends that data be presented for ages 85-89, 90-94, and 95+ (<http://www.agingstats.gov/chartbook2000/dataneeds.html>).

The number of Lorain County residents age 60 and over is expected to increase from a total of 46,988 in 2000 to a projected 71,663 in 2020. As Figure 3 (and Table 3a in the Appendix) illustrates, the greatest increase is expected among the 60-69 year age group (those currently age 40-49). In 2000, there were 21,088 older adults age 60-69 in Lorain County. By the year 2020, when the bulk of the baby boomers move into this age group, it is expected that there will be approximately 37,502 individuals age 60-69 in Lorain County. This projection suggests a 77.8% increase in the County population in this age group. The 90+ age group is also expected to increase substantially, from 1,216 in 2000, to 2,662 in 2020 (an increase of 118.9%).

Figure 3
Projections of Population Age 60+, by Year* and Age Group,
Lorain County

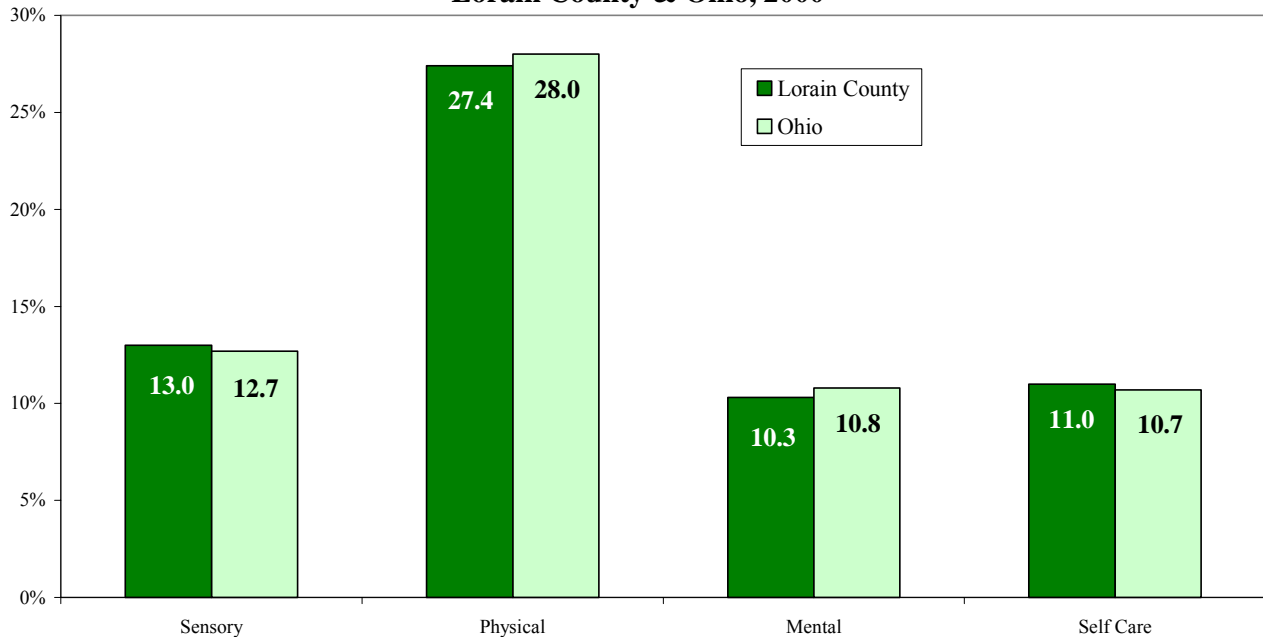


Source: Authors' projections.
 *Year 2000 data are actual population counts.

Prevalence of Disability among the 60+ Population

The rate of disability among the 60+ population in Lorain County closely mirrors the state of Ohio. In 2000, the most common type of disability reported was physical, followed by sensory, self care, and mental impairments, respectively (see Figure 4 and Table 4a in the Appendix). According to the Census, a physical impairment is defined as a long-lasting condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting or carrying. Sensory impairments include blindness, deafness, or any severe and long-lasting vision or hearing impairment. Mental health impairment is defined as having difficulty learning, remembering or concentrating because of a physical, mental, or emotional condition that lasts 6 months or more. Self-care impairments include difficulty dressing, bathing, or getting around the house as a result of a long-lasting condition (6 months or more). It should be noted that these categories are not mutually exclusive. Respondents could have multiple impairments, which may span more than one disability category. In 2000, 34.4% of the 60+ population in Lorain County had at least one disability.

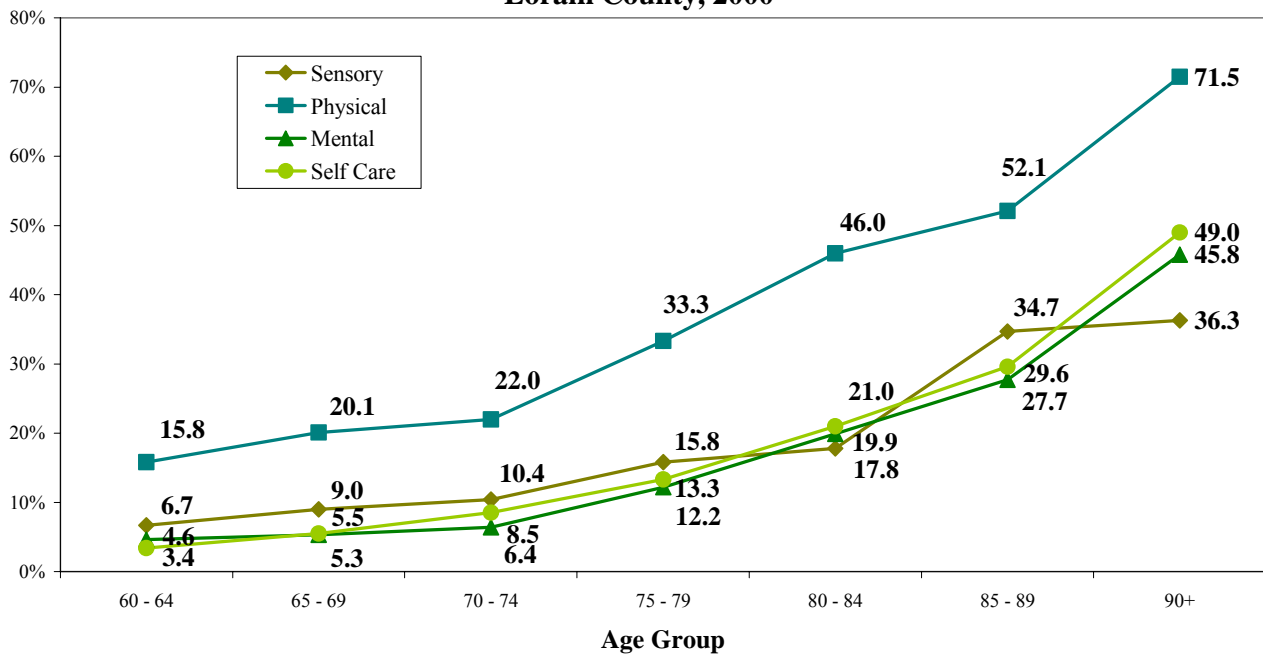
Figure 4
Proportion of Population Age 60+, with Sensory, Physical, Mental and Self-Care Disabilities, Lorain County & Ohio, 2000



Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

As illustrated in Figure 5 (and Table 5a in the Appendix), the percentage of individuals reporting sensory, physical, mental and self-care disabilities in Lorain County steadily increases with age, not surprisingly, with the oldest age group reporting the highest levels in all four types of disability. For example, the proportion of people with physical disabilities increases from 15.8% of the population age 60-64, to 71.5% of the population age 90+.

Figure 5
Disability Among Population Age 60+
by Type of Disability and Age Group,
Lorain County, 2000



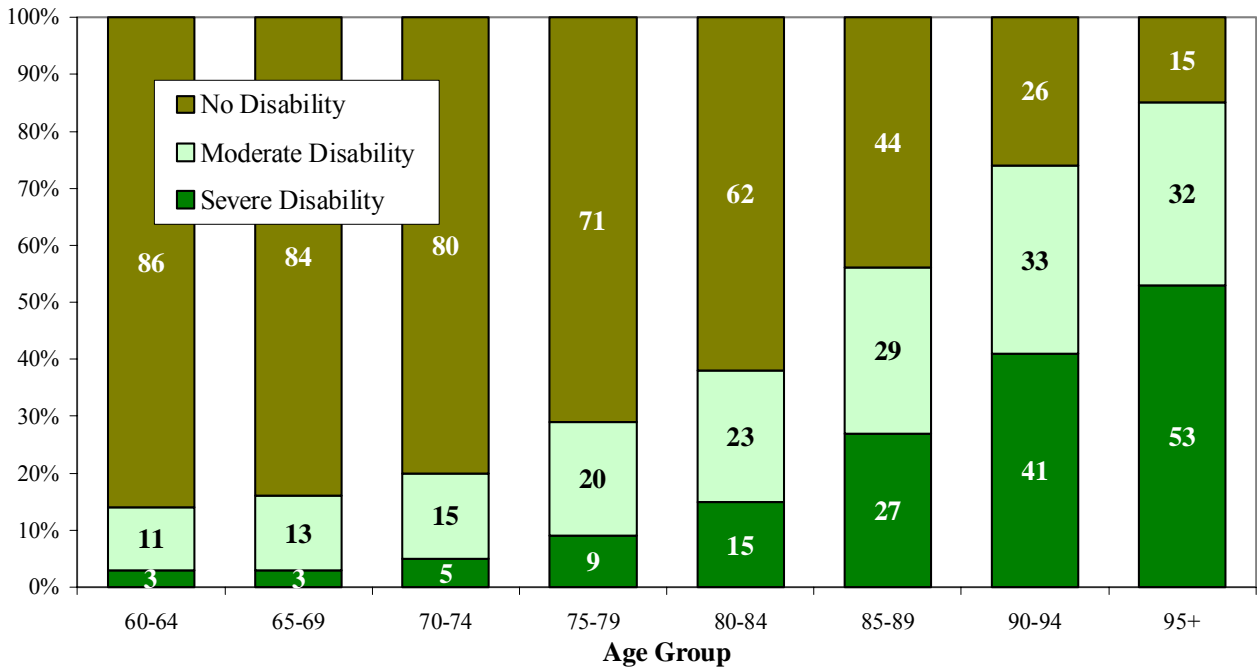
Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Projections of Population with Disability

In this study, disability is defined as a measure of impairment in Activities of Daily Living (ADLs) and Instrumental Activities of Daily Living (IADLs). Three levels are assigned to this measure: Severe Disability, Moderate Disability, and Little or No Disability. Individuals are classified as moderately disabled if they received assistance in one of the following ADLs: eating, transferring in or out of bed or chair, getting to the toilet, dressing, bathing, or remaining continent; or in at least one of the following instrumental tasks of daily living: walking, shopping, meal preparation, housekeeping, or using transportation or telephone. Severe disability refers to receiving assistance in at least two of the following ADLs: eating, bathing, transferring in or out of bed or chair, getting to the toilet, dressing, or remaining continent, or to having cognitive impairment. The disability rates by sex and age group are assumed to remain the same from 2000 to 2020 as they were in 1995.

The prevalence of disability increases with age. As Figure 6 (and Table 6a in the Appendix) shows, only 3% of the population age 60-64 have a severe disability, compared to more than half (53%) of the people age 95 and older. Women experience higher rates of severe and moderate disability at every age compared to men of the same age. For more information on the prevalence of disability among men and women by age group, see the Methodology section.

Figure 6
Estimated Percentage Distribution of Total Population
by Disability Status and Age Group, 1995



Source: Mehdizadeh, S.A., Kunkel, S.R., Ritchey, P.N. (2001). *Projections of Ohio's Older Disabled Population: 2015 to 2050*. Oxford, OH: Scripps Gerontology Center, Miami University.

Since the rate of disability by gender and age group was held constant throughout the timeline (see the Methodology section for a more detailed explanation), any fluctuations in the number of persons with disabilities across time are attributed to projected changes in the number of people in each age-gender group. As was discussed in the population projections section (see Figure 3), the greatest increases in the 60+ population are expected in the 60-69 and 90+ age groups, and more moderate increases are expected among the 70-79 and 80-89 age groups. Because increases are expected in all segments of the 60+ population, the projected number of persons with disabilities is expected to increase from 2000-2020 in Lorain County (see Table 2 below, and Table 3a in the Appendix). When broken down by age group, projections suggest increases in both moderate and severe disability among all age groups because of projected increases in these populations. Table 3a in the Appendix provides a breakdown of the projected number of disabled persons for each age group for Lorain County.

Table 2
Projections of Disability Among Population Age 60+
Lorain County, 2000*-2020

Year	Total Population	No Disability	Moderate Disability	Severe Disability
2000	46,988	35,412	7,743	3,833
2005	49,796	37,308	8,271	4,217
2010	55,903	42,124	9,118	4,661
2015	63,086	47,887	10,112	5,087
2020	71,663	54,685	11,379	5,599

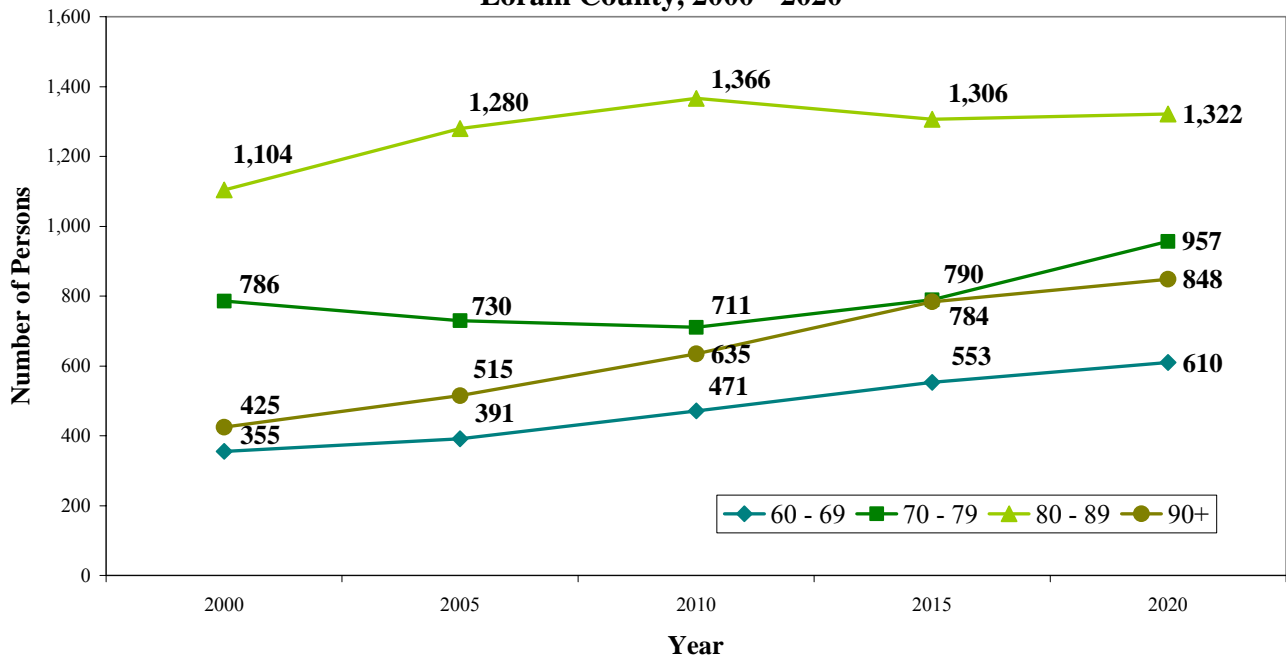
Source: Authors' Projections

* Year 2000 data are actual disability counts, years 2005-2020 are projections.

Figures 7 and 8 (and Tables 7a and 8a in the Appendix) show the projected number of disabled women and men (respectively) in Lorain County according to age group. Because the rates of disability are assumed to be constant over the future time horizon, projected changes in the number of people with disabilities reflect changes in population composition.

With regard to the older female population, 2,670 were severely disabled in 2000, compared to a projected 3,737 in 2020. Changes in the number of disabled older adults are expected only in age groups where population changes are expected. Figure 7 shows that between 2000 and 2020, increases in the number of severely disabled women are expected among all age groups in Lorain County, as these populations are expected to increase.

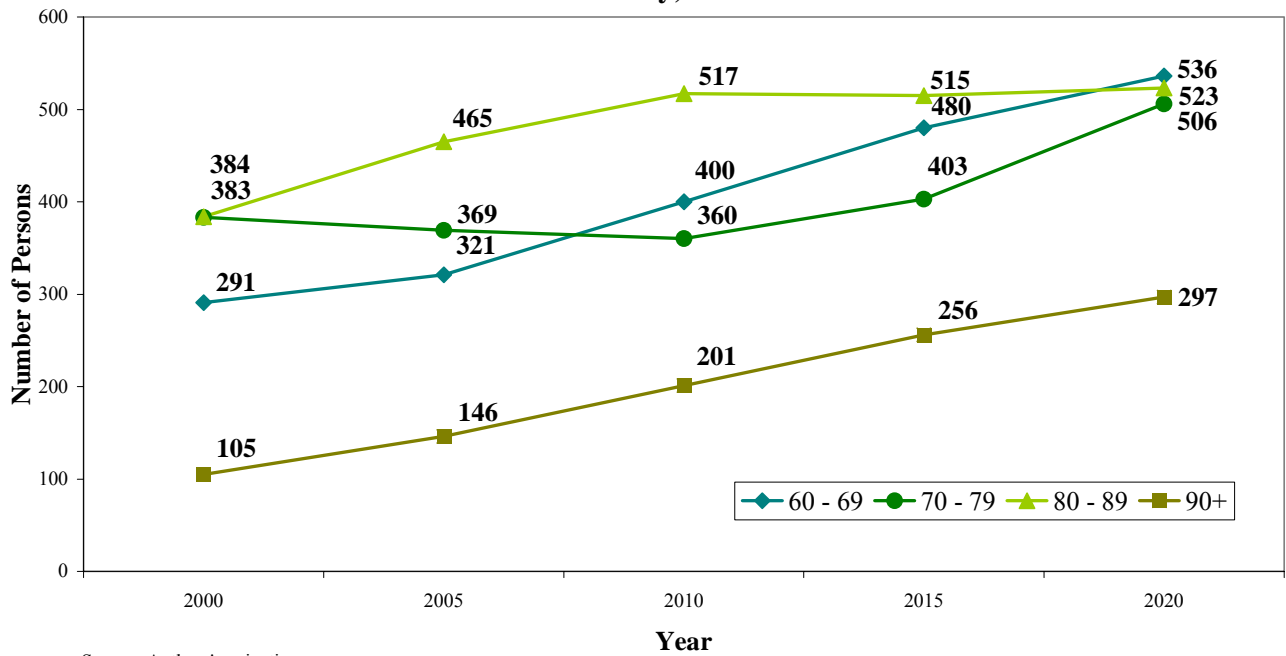
Figure 7
Projections of the Number of Women Age 60+
with Severe Disability, by Age Group,
Lorain County, 2000*-2020



Source: Authors' projections.
 *Year 2000 data are actual disability counts.

The population with severe disabilities in Lorain County is largely female. In 2000, a total of 1,163 males age 60 and over were severely disabled (compared to 2,670 females). By the year 2020, it is expected that the number of disabled older men will increase to 1,862 (compared to 3,737 older women). Figure 8 shows that the largest increase in the number of severely disabled men is expected among the 60-69 age group. Smaller increases in the number of severely disabled men are expected among the 70-79, 80-89, and 90+ age groups in Lorain County.

Figure 8
Projections of the Number of Men Age 60+
with Severe Disability, by Age Group,
Lorain County, 2000*-2020



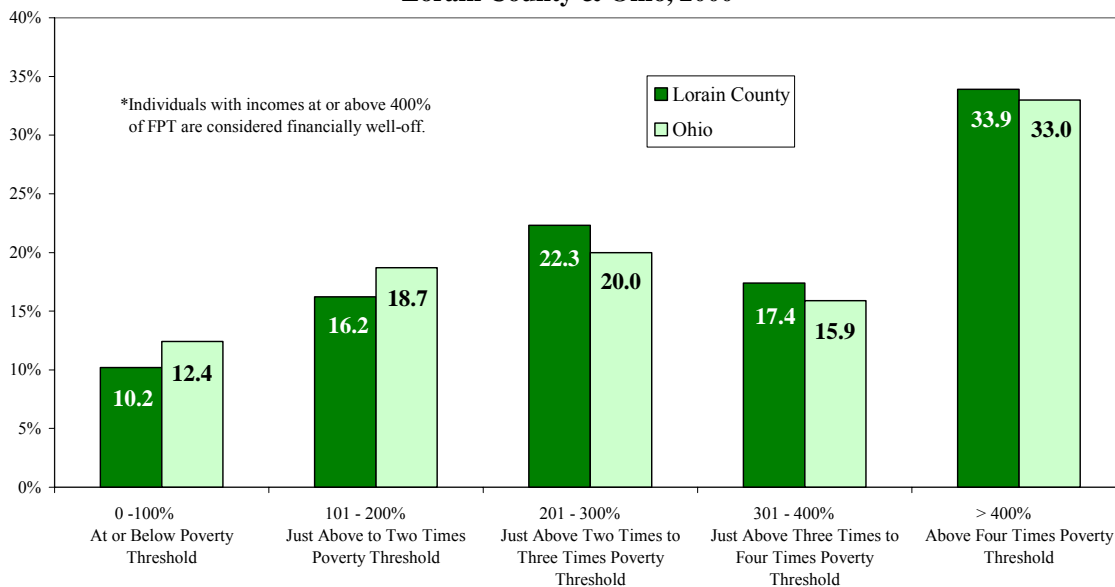
Source: Authors' projections.
 *Year 2000 data are actual disability counts.

Population Characteristics that Could Affect Need for Care

Several variables have been found to be related to the prevalence of disability and the need for long-term care services as one ages. These variables include poverty, racial and ethnic background, marital status, living alone, and educational attainment (http://www.aoa.gov/prof/statistics/future_growth/aging21/Program.asp). In the following sections, these issues are explored in the context of the older population in Lorain County.

Poverty - Standards for gauging poverty levels are set by the Federal Poverty Threshold², which delineates income levels (or thresholds) that vary by family size, age of householder, and number of related children under 18 years of age. Rates of poverty are typically discussed as percentages of the Federal Poverty Threshold (FPT), for which those with incomes below 100% of the FPT are the most impoverished, and those with incomes above 400% of the FPT are the most economically advantaged. In the following discussion, data regarding individuals with incomes greater than 400% of the poverty level are included for comparison, although these individuals are not considered impoverished. As shown in Figure 9 (and Table 9a in the Appendix), a significant number of older adults in Lorain County are potential candidates for state and federal assistance based on income eligibility. In 2000, 48.7% of the county's 60+ population (or 23,159 individuals) had incomes below 300% of the federal poverty level. Of this population, 10.2% (or 4,838 individuals) were living at or below 100% of the poverty level.

Figure 9
Proportion of Population Age 60+ by Poverty Threshold Ratio,
Lorain County & Ohio, 2000

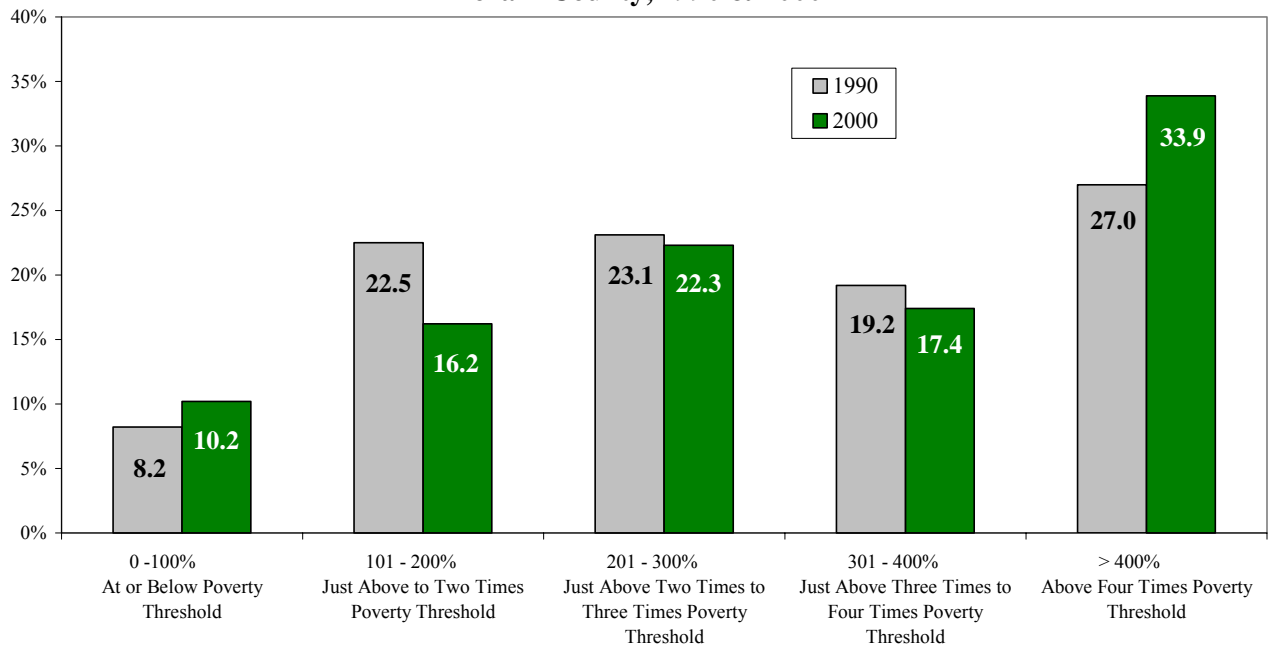


Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

² **Federal Poverty Threshold** - In 2000, the poverty level was \$8,959 for one person under the age of 65, and \$8,259 for an individual over 65. For two person households, the poverty level was \$11,590 if the householder was under 65 and \$10,419 when the householder was 65+. In 1990, the poverty threshold was \$6,800 (annual income) for one person under the age of 65, and \$6,268 for an individual over 65. For two person households, where the householder was under the age of 65, the poverty threshold was \$8,794, and \$7,905 when the householder was 65+. For more information about poverty thresholds, see: <http://www.census.gov/hhes/poverty/threshld.html>

Compared to 1990, there were a higher percentage of older adults at both ends of the poverty scale in Lorain County in 2000. Figure 10 (and Table 10a in the Appendix) shows that the percent of adults 60+ living below the poverty level increased from 8.2% in 1990 to 10.2% in 2000. At the other end of the scale, the percent of older adults with incomes over 400% of the poverty level (the most economically advantaged) also increased in this period, from 27.0% in 1990, to 33.9% in 2000. A considerable number of people did not complete income related questions properly in the 1990 Census. As a result, the gap in the percentage of people at or below poverty from 1990 to 2000 may be partially due to this responding pattern.

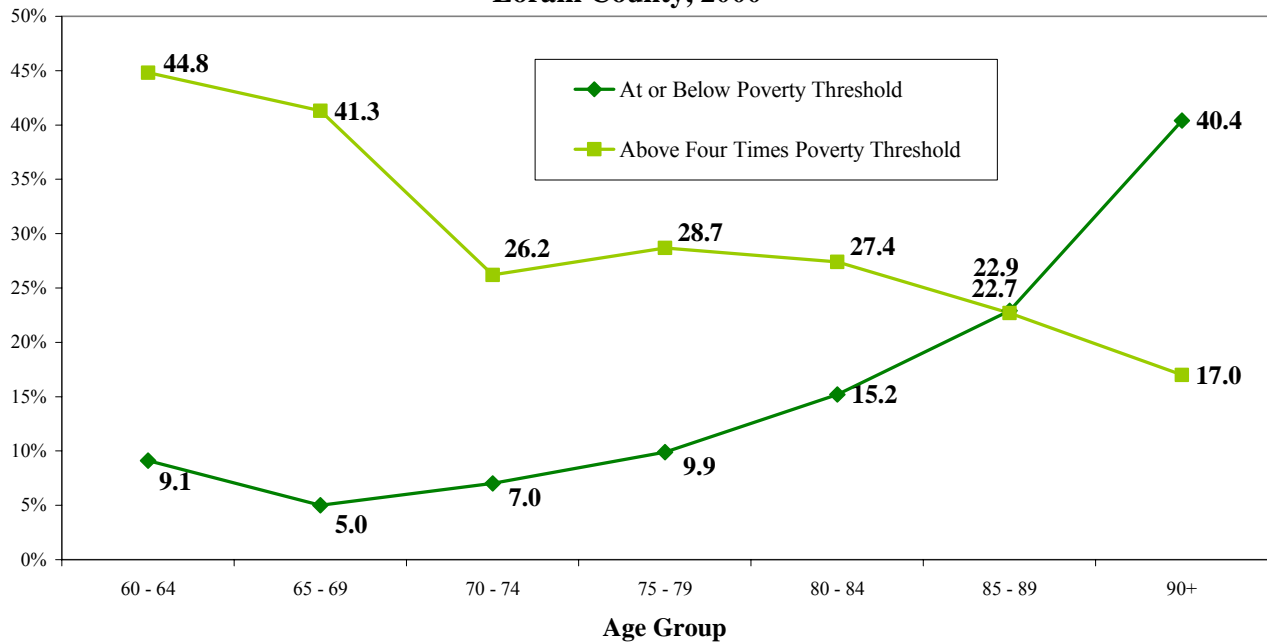
Figure 10
Proportion of Population Age 60+ by Poverty Threshold Ratio,
Lorain County, 1990 & 2000



Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

A closer examination of poverty rates in Lorain County reveals striking trends in relation to age. As shown in Figure 11 (and Table 11a in the Appendix), the percentage of people at or below the poverty level increases dramatically with advancing age. To illustrate, nearly one-half (44.8%) of 60-64 year olds reported incomes above four times the poverty threshold (the highest income category), compared to only 17% of those in the oldest age group (90+). In contrast, 9.1% of 60-64 year olds fall in the lowest income category, while 40.4% of the 90+ population reported incomes at or below the poverty threshold.

Figure 11
Proportion of 60+ Population in Poverty Compared to Those with Incomes
Above Four Times Poverty Threshold, by Age Group,
Lorain County, 2000



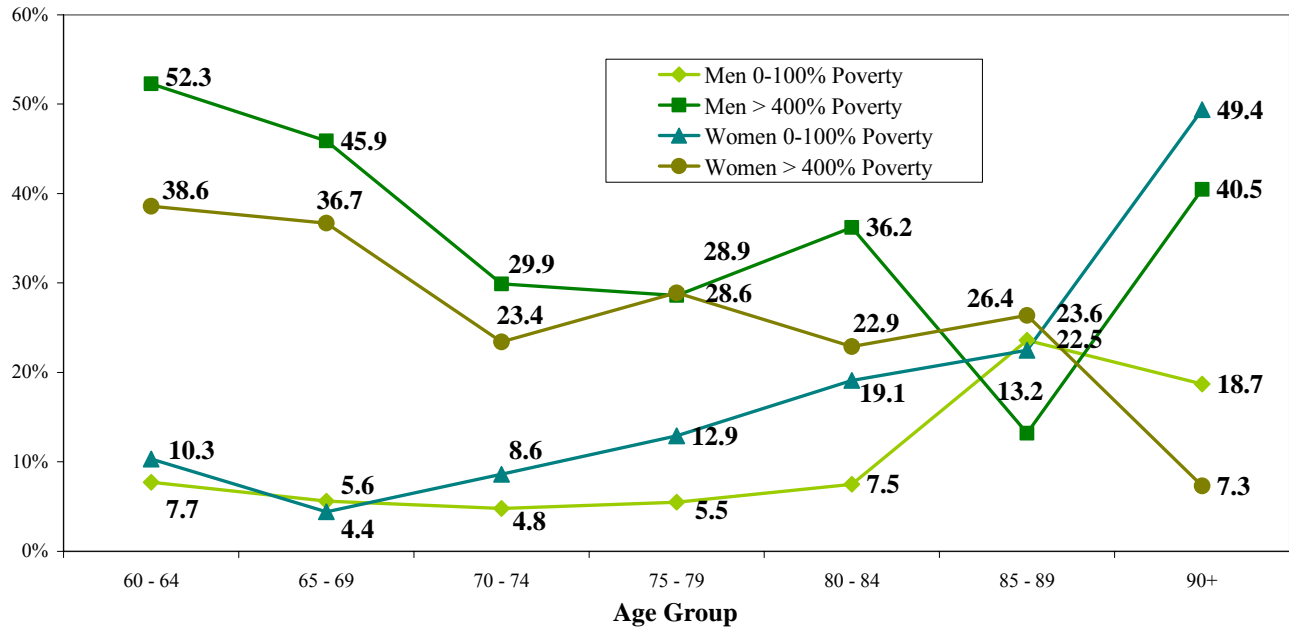
Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Figure 12 (and Table 12a in the Appendix) shows a comparison of the most economically disadvantaged income category ($\leq 100\%$ FPT) and the most economically advantaged income category ($> 400\%$ FPT) by gender and age group. In order to show the contrast between the lowest and the highest income groups, the middle income categories have been intentionally left out.

In 2000, 52.3% of men age 60-64 were in the highest income category, while 40.5% of men 90+ had this level of income. In contrast, only 7.7% of men age 60-64 were in the lowest income category, compared to 18.7% of men age 90+. Figure 12 shows that a fairly stable percentage of older men were classified as having incomes at or below 100% of the FPT from ages 60-84, with a sharp increase in the proportion of men in this income category as they approach the 90+ age group. It appears that age 85-89 is a pivotal point for men, where average incomes drop sharply as they near the 90+ age group.

The pattern of income distribution among older women in Lorain County is similar to that of older men. One important distinction is that there is a higher proportion of women in the lowest income category ($\leq 100\%$ FPT), and a lower proportion of women in the highest income category ($>400\%$ FPT) at nearly all ages.

Figure 12
Proportion of Population Age 60+,
by Poverty Threshold Ratio*, Age Group, and Gender,
Lorain County, 2000



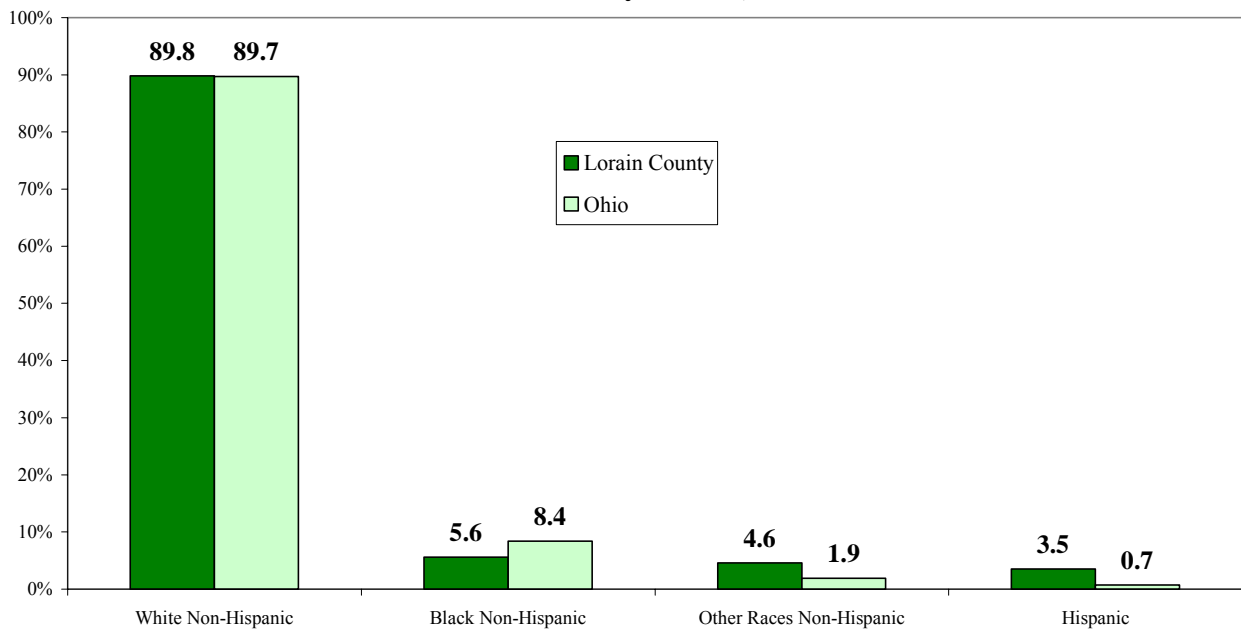
Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

*Middle income groups have been removed in order to show the contrast between the lowest and highest income groups.

Race and Ethnicity

Lorain County’s older population is similar to the older population in Ohio as a whole with regard to race and ethnic distribution. Figure 13 (and Table 13a in the Appendix) shows that in 2000, 89.8% of the county population (60+) identified themselves as white non-Hispanic, compared to 89.7% of the state population. In the same year, 5.6% of the county population self-identified as black non-Hispanic, compared to 8.4% of the state population.

Figure 13
Race and Ethnic Distribution Among Population Age 60+,
Lorain County & Ohio, 2000

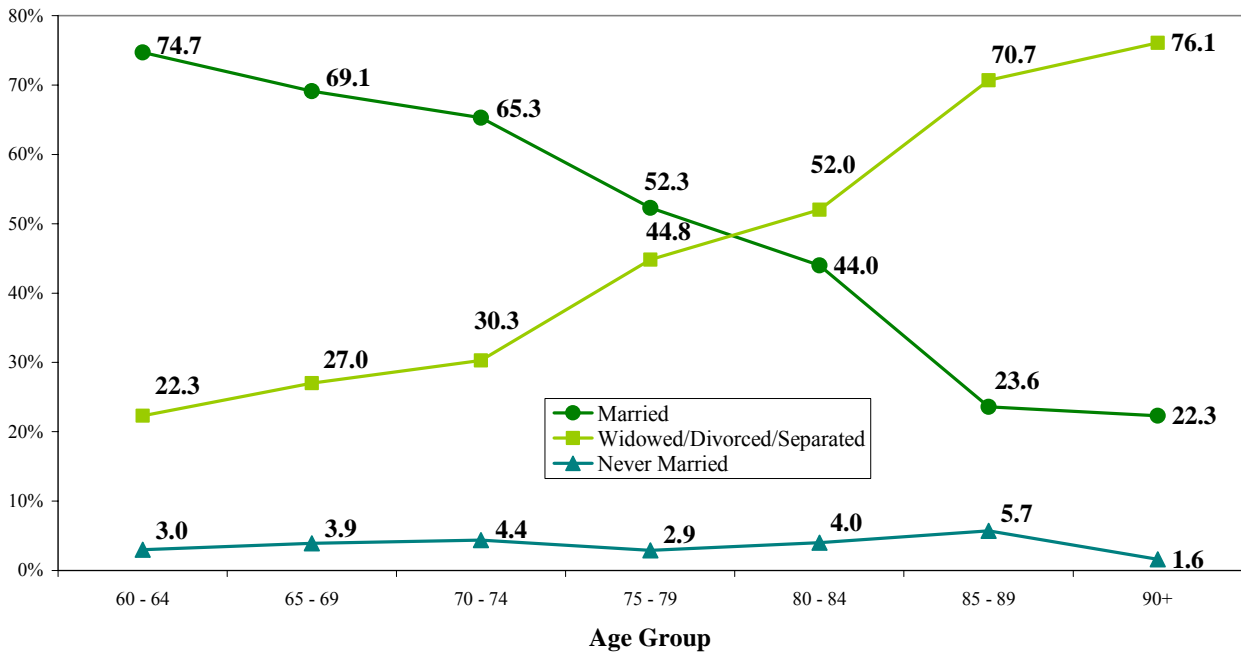


Source: U.S. Census Bureau, 2000 Census of Population: PCT12I, PCT12J, & PCT12H SEX BY AGE.

Marital Status

According to Census data, the percentage of married older adults decreases steadily after age 60. As illustrated in Figure 14 (and Table 14a in the Appendix), the majority (74.7%) of 60-64 year olds were married in 2000, while 25.3% were single (defined as widowed, divorced, separated or never married). In contrast to 60-64 year olds, the marital status of the 90+ population is nearly the inverse. Among this age group, 77.7% were single in 2000, while 22.3% were married.

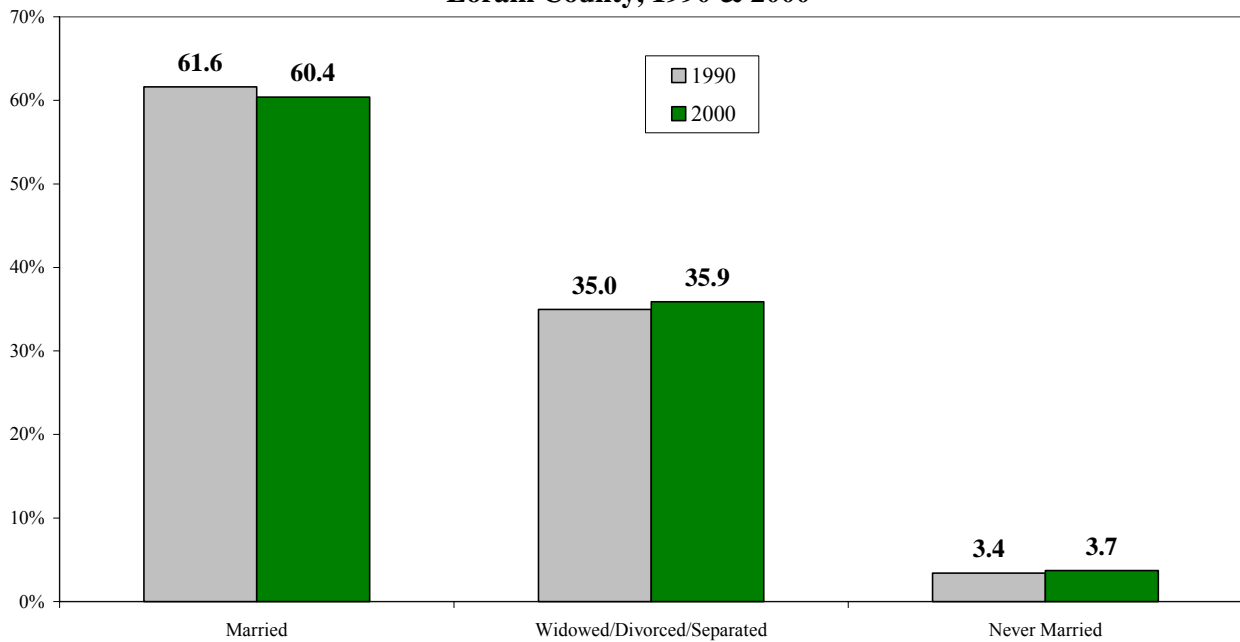
Figure 14
Marital Status of Population Age 60+, by Age Group
Lorain County, 2000



Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Between 1990 and 2000, the percentage of married older adults (60+) in Lorain County remained fairly stable. In 2000, 60.4% of older Lorain County residents were married compared to 61.6% in 1990. Similarly, no major changes occurred among the single population (people who were widowed, divorced, separated, or never married). In 2000, 39.6% of the 60+ population was single, compared to 38.4% in 1990 (see Figure 15 and Table 15a in the Appendix).

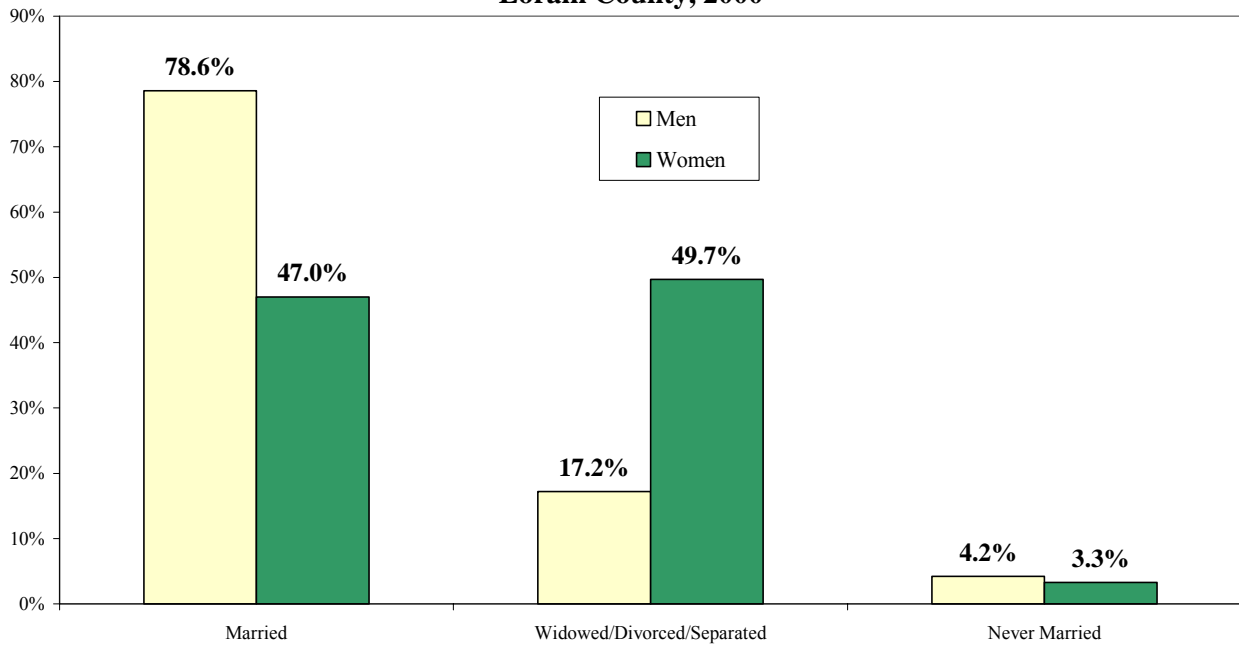
Figure 15
Marital Status Among Population Age 60+,
Lorain County, 1990 & 2000



Source: U.S. Census Bureau, 1990 and 2000: Public Use Microdata Sample: 5-Percent.

Women above the age of 60 are more likely to be widowed, divorced, or separated than men. Figure 16 (and Table 16a in the Appendix) shows that 78.6% of men age 60+ in Lorain County were married in 2000, compared to only 47% of women. Because single older adults are more likely than married couples to need outside help or institutional care, the population in Lorain County that is potentially in need of such assistance is largely female.

Figure 16
Marital Status Among Population Age 60+, by Gender
Lorain County, 2000



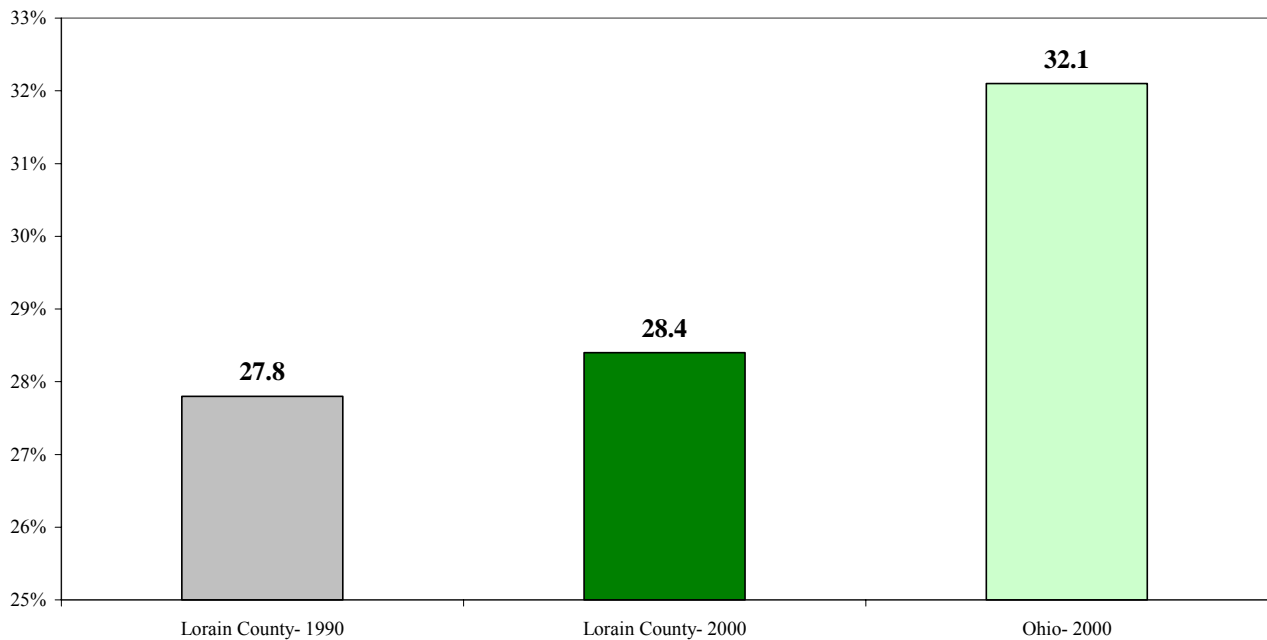
Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Living Alone

Figure 17 (and Table 17a in the Appendix) compares the proportion of Lorain County and Ohio residents age 60+ who were living alone in 2000, and illustrates the changes that occurred in the county population (60+) living alone between 1990 and 2000.

In 2000, 28.4% of Lorain County residents age 60+ were living alone, compared to 32.1% of the state population age 60+. The percentage of older adults living alone in Lorain County has increased since 1990, from 27.8% of the 60+ population to 28.4% in 2000.

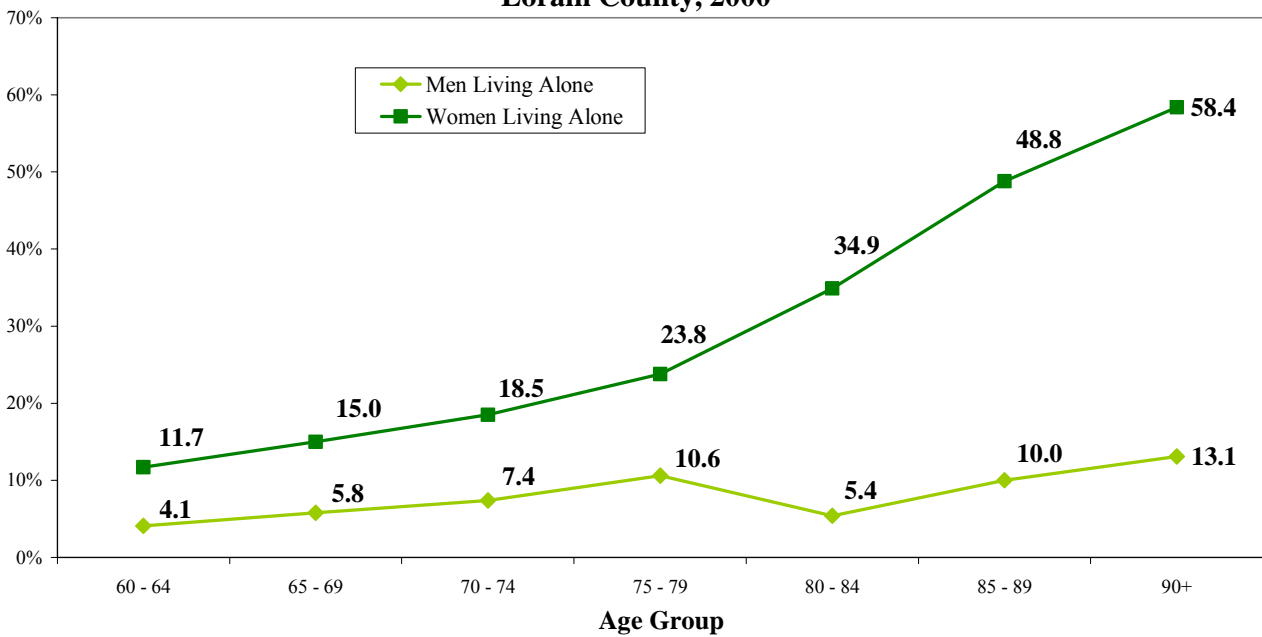
Figure 17
Proportion of Population Age 60+ Living Alone,
Lorain County, 1990 & 2000, and Ohio, 2000



Source: U.S. Census Bureau, 1990 and 2000: Public Use Microdata Sample: 5-Percent.

Older women are more likely than older men to be living alone in Lorain County. Figure 18 (and Table 18a in the Appendix) shows that a higher percentage of women than men are living alone at all ages above 60. While the percentage of men living alone increases only slightly with age, the percent of women living alone increases dramatically with age. Among the 60-64 year age group in 2000, 11.7% of women were living alone, compared to 4.1% of men. Among the oldest age group (90+), 58.4% of women were living alone, compared to only 13.1% of their male counterparts.

Figure 18
Proportion of Population Age 60+ Living Alone,
by Gender, and Age Group,
Lorain County, 2000

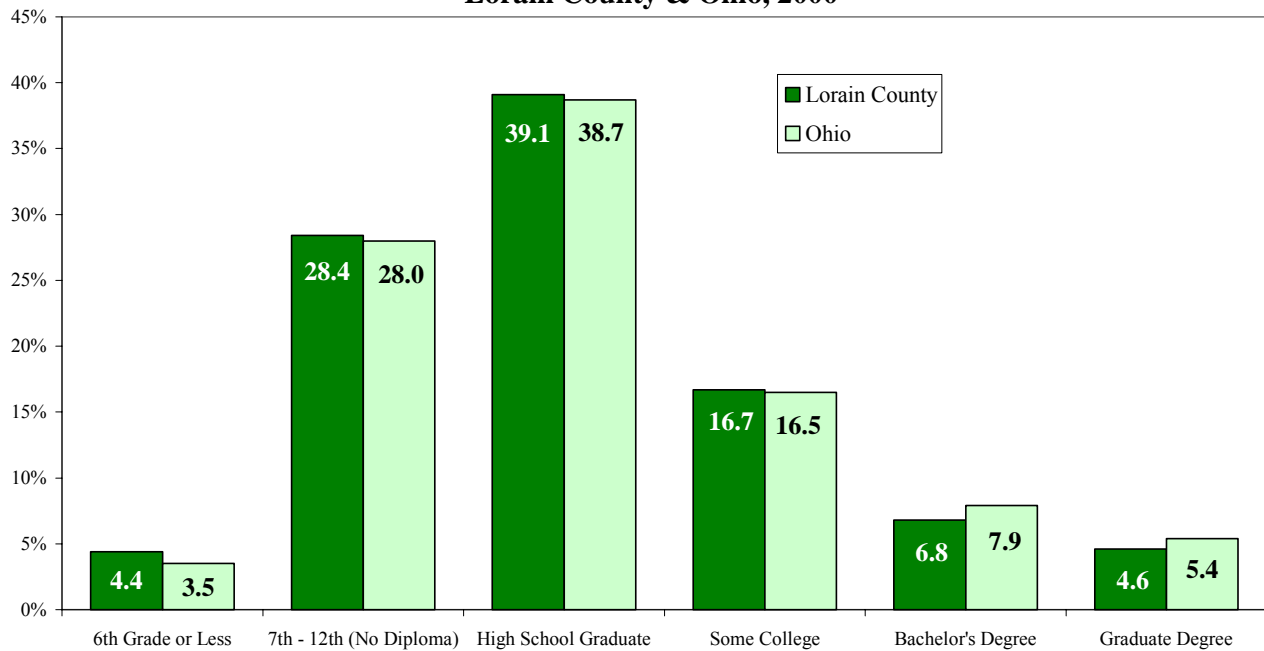


Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Education

Studies suggest that there is a strong relationship between educational attainment and the prevalence of poverty and disability in old age. Figure 19 (and Table 19a in the Appendix) shows that the majority of older adults (60+) in Lorain County have completed 12 or fewer years of school. Over one third (39.1%) of older adults have completed high school, and 32.8% have completed less than 12 years. This suggests that a significant proportion of the older population may be economically vulnerable.

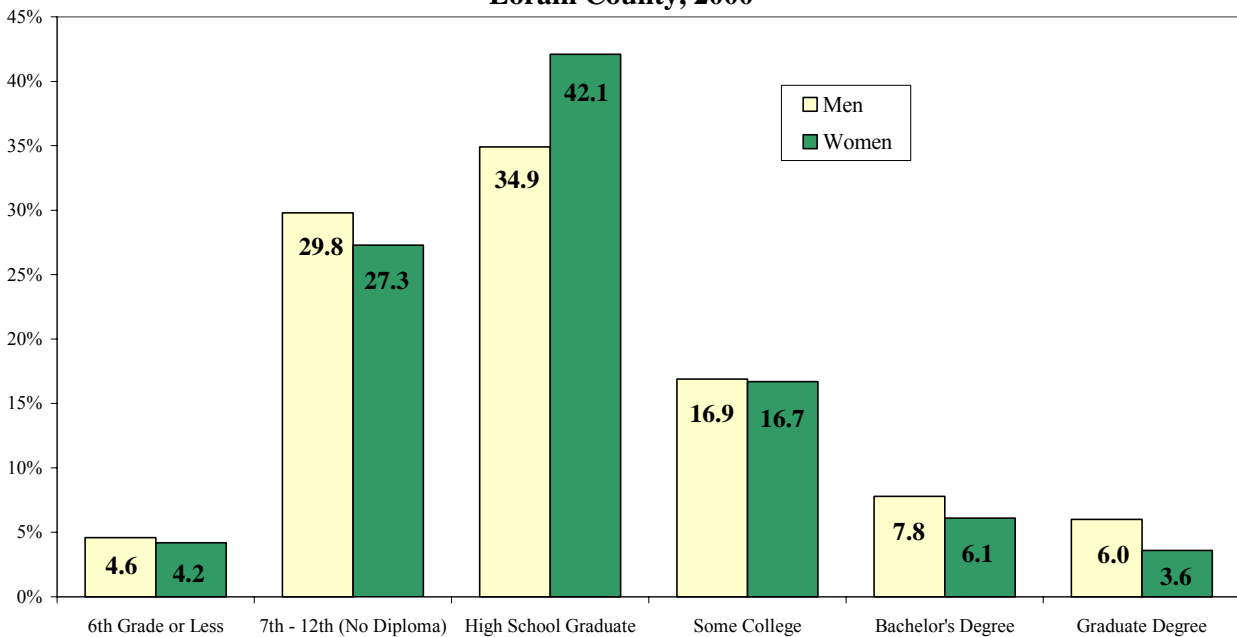
Figure 19
Highest Level of Educational Attainment
Among Population Age 60+
Lorain County & Ohio, 2000



Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Figure 20 (and Table 20a in the Appendix) contrasts the educational attainment of older adults in Lorain County by gender. Older women in Lorain County are more likely to have only completed high school, while older men are more likely to have pursued and obtained higher degrees. As a whole, the older female population in Lorain County is less educated than the older male population.

Figure 20
Highest Level of Educational Attainment
Among Population Age 60+, by Gender
Lorain County, 2000



Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Summary

This analysis of population trends and projections in Lorain County, Ohio reveals several important issues with regard to the prevalence of poverty and disability among the older population. Primarily, it is evident that the County population is aging, and the population age 60+ will continue to grow over the next twenty years. More specifically, the so-called "oldest old" (85+) are the fastest growing age group in the County (as well as the state of Ohio). The unprecedented growth in the older population will present the County (and the state) with a number of challenges in the coming years. Among the older population in Lorain County, levels of disability and poverty increase with age, with the oldest old experiencing the highest rates of both. Also of concern is the preponderance of older women among the oldest age groups, who comprise a majority of the impoverished, disabled and single populations. These women, who are highly economically vulnerable, and are potentially in need of significant personal care assistance, are frequently living alone; a trend that is expected to become increasingly common over the next several decades.

Methodology

Projections of the disabled older population in Lorain County were calculated in three steps. We developed projections of the county's older population by gender and age groups from 2000 to 2020. We also made estimates of disability rates for the older population by gender and age groups. And, we applied these disability rates to the projected population to project the number of persons with a disability in Lorain County.

Projection Method - We developed population projections using the "cohort component method" (Shryock & Siegel, 1996). This method involves beginning with actual population counts in gender and age groups, and applying specific rates of change (births, deaths, and migration) to estimate the future population. We projected the population in cycles of 5-year periods through the year 2020. We applied projected survival rates to the beginning population in order to calculate the surviving population for a 5-year period (see following section for an explanation of survival rates). Next, we applied gender and age group specific migration rates to calculate the number of survivors leaving and joining the county population during the five years. The final projected population equals the survived population plus the difference between the number of migrants leaving and joining the county. The projected population at the end of each 5-year period becomes the beginning population for the next 5-year period, and the procedure is repeated over the desired time horizon. We used 5-year age groupings of men and women to make the projections. In order to project the population that will be 60+ in 2020, we began with the population that was 40+ in 2000 (these cohorts, of course, age as they are projected forward).

Survival Rates - To calculate survival rates for the older population in Ohio, we combined projected national mortality rates from the Census with actual mortality rates for the state to develop a trended set of survival rates for 2005-2020. All calculations were done for each gender in 5-year age groups. Using Census projected life tables for 2000, 2005, 2010, 2015, and 2020, we developed 5-year survival rates for the nation (for life tables, see <http://www.census.gov/population/www/projections/natdet.html>). Using Ohio counts of death and counts of population for 2000, we developed survival rates for Ohio for 2000. We then projected the County's survival rates to pattern the expected change for the Nation while maintaining the difference between the County and the Nation that occurred in 2000.

Migration Rates - We computed net migration estimates (i.e., the difference in the number of migrants joining and leaving the county) for the County for each gender in 5-year age groups (beginning with ages 40-44 years old, through 95+). We calculated migration estimates using Census data for 1990 and 2000 and counts of County death from Ohio public use mortality files (Ohio Department of Health, 1990-2000). We "survived" the 1990 County population of each gender and age group by subtracting the deaths from those residing in the county from April 1, 1990 through March 31, 2000. In calculating the deaths occurring to an age group, we adjusted for the group's getting older, or aging, during the decade. We calculated net migration by subtracting this survived population from the 2000 count of the age population (the age group that was 10 years older in 2000 than in 1990). Thus, net migration equals the actual 2000 count minus the survived population (or minus the number of people that would have been in the county had no migration taken place during the decade). The aforementioned set of assumptions, which guided our projection methodology, garnered specific results. If these assumptions were

changed, it would yield different results. In 2003, the Ohio Department of Development produced a series of population projections for each of Ohio's 88 counties. As their research was based on a different set of assumptions, their numbers differ from ours slightly (<http://www.odod.state.oh.us/research/>).

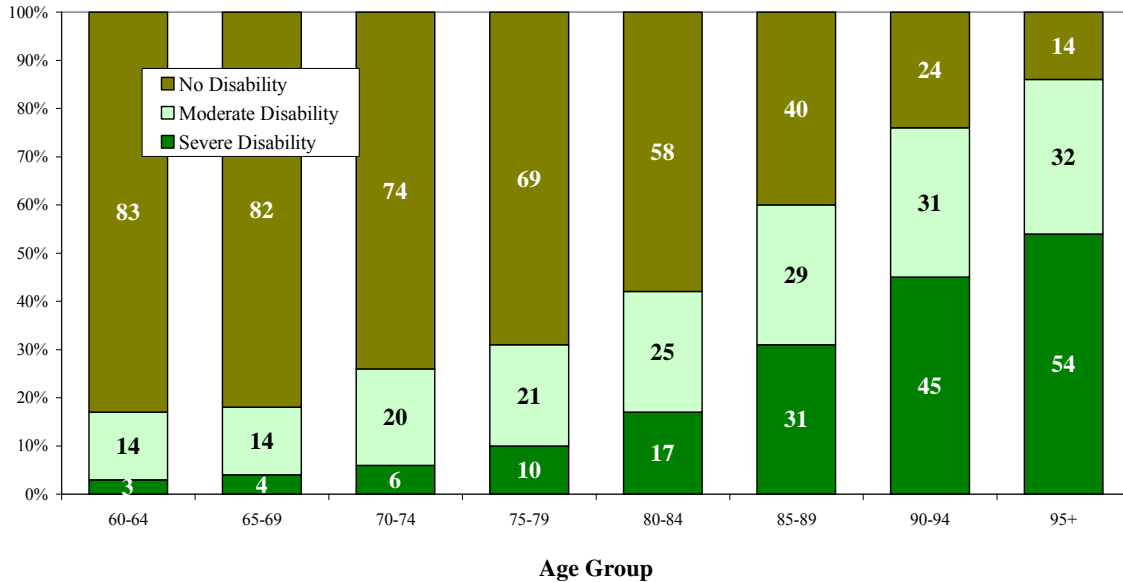
Estimation of Age and Sex Specific Disability Rates for Gender and Age Groups - Disability in this study is defined as a measure of impairment in activities of Daily Living (ADL) and Instrumental Activities of Daily Living (IADL). Three levels were assigned to this measure: Severe Disability, Moderate Disability, and Little or No Disability. Disability rates for the institutionalized and community based older population were calculated separately, weighted by their respective proportions in the population, and then combined.

The community disability rates were calculated using the community portion of the 1994 National Long Term Care Survey (NLTCS). Institutional disability rates were calculated using the 1995 National Nursing Home Survey (NNHS). These surveys provided information to calculate the disability rate for the 65+ population. As we defined disability, we relied on individual ADL-IADL item scores. Sample participants were identified as either dependent in performing Activities of Daily Living or independent in order to assign disability status to each individual. Two criteria were used in selecting individual ADL or IADL items to include in the disability scale: 1) items must have similar wording, content, and time span in both surveys; and 2) the scale, and the items used in creating the scale, must be as similar as possible to the items used in calculating the disability measure that we created in our earlier studies of projecting disabled older population of Ohio.

We used 2000 Census data on self-care disabilities and the National Health Interview Survey on Disability, 1995: Phase II Adult Followback as a guide to extend the disability rates established for the 65+ population to the 60-64 age group. We are assuming that the proportion of the population that will become disabled in each gender and age group will remain constant from 1995 (the survey dates) to the year 2020. We acknowledge that there are studies that suggest it could be otherwise.

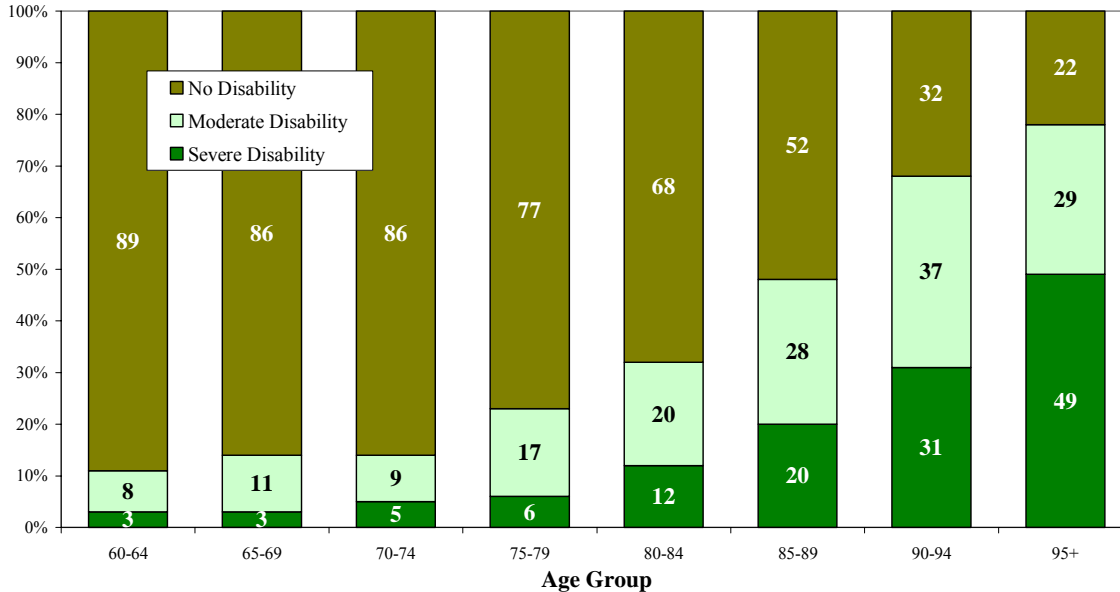
Figures 21 and 22 (and Tables 21a and 22a in the Appendix) show the higher rates of severe disability among women of all ages, and the consistent increase in the prevalence of disability with advancing age for both men and women.

Figure 21
Estimated Percentage Distribution of Women
by Disability Status and Age, 1995



Source: Mehdizadeh, S.A., Kunkel, S.R., Ritchey, P.N. (2001). *Projections of Ohio's Older Disabled Population: 2015 to 2050*. Oxford, OH: Scripps Gerontology Center, Miami University.

Figure 22
Estimated Percentage Distribution of Men
by Disability Status and Age, 1995



Source: Mehdizadeh, S.A., Kunkel, S.R., Ritchey, P.N. (2001). *Projections of Ohio's Older Disabled Population: 2015 to 2050*.

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Appendix

Table 1a
Population Distribution by Age Group (40-85+)
Lorain County and Ohio, 2000

Age Group	Lorain County	Ohio
40 - 44	24,133	921,545
45 - 49	21,530	834,831
50 - 54	19,053	731,553
55 - 59	14,221	553,174
60 - 64	11,405	455,732
65 - 69	9,683	402,668
70 - 74	9,240	387,584
75 - 79	7,739	325,468
80 - 84	5,097	215,241
85+	3,824	176,796
Total 40+	125,925	5,004,592

Source: U.S. Census Bureau, 2000 Census of Population: P12. SEX BY AGE [49].

Table 2a
Population Distribution by Age Group (40-85+)
Lorain County, 1990 & 2000

Age Group	1990		2000	
	Number	%	Number	%
40 - 44	19,967	7.4	24,133	8.5
45 - 49	15,309	5.6	21,530	7.6
50 - 54	12,999	4.8	19,053	6.7
55 - 59	11,713	4.3	14,221	5.0
60 - 64	11,771	4.3	11,405	4.0
65 - 69	10,893	4.0	9,683	3.4
70 - 74	8,320	3.1	9,240	3.2
75 - 79	5,908	2.2	7,739	2.7
80 - 84	3,501	1.3	5,097	1.8
85+	2,703	1.0	3,824	1.3
Total 40+	103,084		125,925	

Source: U.S. Census Bureau, 1990 & 2000 Census of Population: P12. SEX BY AGE [49].

Table 3a
Projections of Total Older Population by Age Group and Level of Disability
Lorain County, 2000, 2005, 2010, 2015, 2020

Year	Age Group	Total Population	No Disability	Moderate Disability	Severe Disability
2000*	60 - 69	21,088	17,926	2,516	646
	70 - 79	16,979	12,902	2,908	1,169
	80 - 89	7,705	4,295	1,922	1,488
	90+	1,216	289	397	530
	Total Age 60+	46,988	35,412	7,743	3,833
2005	60 - 69	23,334	19,844	2,778	712
	70 - 79	15,908	12,075	2,734	1,099
	80 - 89	9,015	5,016	2,254	1,745
	90+	1,539	373	505	661
	Total Age 60+	49,796	37,308	8,271	4,217
2010	60 - 69	28,662	24,397	3,394	871
	70 - 79	15,766	12,007	2,688	1,071
	80 - 89	9,520	5,243	2,394	1,883
	90+	1,955	477	642	836
	Total Age 60+	55,903	42,124	9,118	4,661
2015	60 - 69	33,790	28,753	4,004	1,033
	70 - 79	17,720	13,527	3,000	1,193
	80 - 89	9,151	5,018	2,312	1,821
	90+	2,425	589	796	1,040
	Total Age 60+	63,086	47,887	10,112	5,087
2020	60 - 69	37,502	31,918	4,438	1,146
	70 - 79	22,059	16,901	3,695	1,463
	80 - 89	9,440	5,225	2,370	1,845
	90+	2,662	641	876	1,145
	Total Age 60+	71,663	54,685	11,379	5,599

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

* Year 2000 data are actual disability counts, years 2005-2020 are projections.

Table 4a
Proportion of Population Age 60+, with Sensory, Physical, Mental & Self-Care Disabilities
Lorain County and Ohio, 2000

	Lorain County		Ohio	
	Number	%	Number	%
Sensory	6,170	13.0	248,532	12.7
Physical	13,054	27.4	549,510	28.0
Mental	4,918	10.3	212,562	10.8
Self-Care	5,218	11.0	210,751	10.7
Total 60+ Population	47,583		1,961,995	

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Table 5a
Disability Among Population Age 60+, by Type of Disability and Age Group,
Lorain County, 2000

Age Group		60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90+	Total
Sensory	Number	769	890	976	1,236	871	1,028	400	6,170
	%	6.7	9.0	10.4	15.8	17.8	34.7	36.3	
Physical	Number	1,818	1,989	2,058	2,599	2,256	1,547	787	13,054
	%	15.8	20.1	22.0	33.3	46.0	52.1	71.5	
Mental	Number	534	529	599	955	975	822	504	4,918
	%	4.6	5.3	6.4	12.2	19.9	27.7	45.8	
Self-Care	Number	388	544	799	1,041	1,029	878	539	5,218
	%	3.4	5.5	8.5	13.3	21.0	29.6	49.0	

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Table 6a
Estimated Percentage Distribution of Total Population
by Disability Status and Age Group

	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90 - 94	95+
No Disability	86%	84%	80%	71%	62%	44%	26%	15%
Moderate Disability	11%	13%	15%	20%	23%	29%	33%	32%
Severe Disability	3%	3%	5%	9%	15%	27%	41%	53%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Source: Mehdizadeh, S.A., Kunkel, S.R., Ritchey, P.N. (2001). *Projections of Ohio's Older Disabled Population: 2015-2050*. Oxford, OH: Scripps Gerontology Center, Miami University.

Table 7a
Projections of the 60+ Female Population by Age Group and Level of Disability
Lorain County

<u>Year</u>	<u>Age Group</u>	<u>Total Population</u>	<u>Population with No Disability</u>	<u>Population with Disability</u>	
				Moderate ^a	Severe ^b
2000	60-64	6,021	5,000	855	166
	65-69	5,170	4,259	722	189
	70-74	5,096	3,794	996	306
	75-79	4,597	3,131	986	480
	80-84	3,181	1,836	792	553
	85-89	1,805	730	524	551
	90-94	690	167	214	309
	95 +	216	30	70	116
	Total	26,776	18,947	5,159	2,670
<u>Year</u>	<u>Age Group</u>	<u>Total Population</u>	<u>Population with No Disability</u>	<u>Population with Disability</u>	
				Moderate ^a	Severe ^b
2005	60-64	6,894	5,725	979	190
	65-69	5,500	4,531	768	201
	70-74	4,621	3,440	903	278
	75-79	4,331	2,950	929	452
	80-84	3,643	2,103	907	633
	85-89	2,119	857	615	647
	90-94	870	210	270	390
	95 +	232	32	75	125
	Total	28,210	19,848	5,446	2,916
<u>Year</u>	<u>Age Group</u>	<u>Total Population</u>	<u>Population with No Disability</u>	<u>Population with Disability</u>	
				Moderate ^a	Severe ^b
2010	60-64	8,687	7,213	1,234	240
	65-69	6,322	5,208	883	231
	70-74	4,945	3,681	967	297
	75-79	3,966	2,701	851	414
	80-84	3,486	2,012	868	606
	85-89	2,487	1,006	721	760
	90-94	1,063	257	330	476
	95+	295	41	95	159
	Total	31,251	22,119	5,949	3,183

Table 7a Continued
Projections of 60+ Female Population by Age Group and Level of Disability
Lorain County

<u>Year</u>	<u>Age Group</u>	<u>Total Population</u>	<u>Population with No Disability</u>	<u>Population with Disability</u>	
				Moderate ^a	Severe ^b
2015	60-64	9,460	7,855	1,344	261
	65-69	7,997	6,588	1,117	292
	70-74	5,717	4,256	1,118	343
	75-79	4,283	2,917	919	447
	80-84	3,237	1,869	806	562
	85-89	2,436	985	707	744
	90-94	1,295	313	402	580
	95 +	379	53	122	204
	Total	34,804	24,836	6,535	3,433
<u>Year</u>	<u>Age Group</u>	<u>Total Population</u>	<u>Population with No Disability</u>	<u>Population with Disability</u>	
				Moderate ^a	Severe ^b
2020	60-64	10,508	8,725	1,492	291
	65-69	8,737	7,198	1,220	319
	70-74	7,268	5,411	1,421	436
	75-79	4,990	3,398	1,071	521
	80-84	3,541	2,044	882	615
	85-89	2,313	935	671	707
	90-94	1,315	318	409	588
	95 +	484	68	156	260
	Total	39,156	28,097	7,322	3,737

Source: Authors' projections.

^a Moderate disability is defined as received help in at least one of the following activities of daily living: eating, transferring in or out of bed or chair, getting to the toilet, dressing, bathing, remaining continent; or in at least two of the following instrumental activities of daily living: walking, shopping, meal preparation, housekeeping, or using transportation.

^b Severe disability is defined as received help in at least two of the following activities of daily living: eating, transferring in or out of bed or chair, getting to the toilet, dressing, remaining continent, or having cognitive impairment.

Table 8a
Projections of the 60+ Male Population by Age Group and Level of Disability
Lorain County

<u>Year</u>	<u>Age Group</u>	<u>Total Population</u>	<u>Population with No Disability</u>	<u>Population with Disability</u>	
				Moderate ^a	Severe ^b
2000	60-64	5,384	4,779	449	156
	65-69	4,513	3,888	490	135
	70-74	4,144	3,576	381	187
	75-79	3,142	2,401	545	196
	80-84	1,916	1,308	383	225
	85-89	803	421	223	159
	90-94	250	79	95	76
	95 +	60	13	18	29
	Total	20,212	16,465	2,584	1,163
2005	60-64	6,251	5,548	522	181
	65-69	4,689	4,040	509	140
	70-74	3,737	3,225	344	168
	75-79	3,219	2,460	558	201
	80-84	2,208	1,508	442	258
	85-89	1,045	548	290	207
	90-94	369	116	140	113
	95 +	68	15	20	33
	Total	21,586	17,460	2,825	1,301
2010	60-64	8,180	7,260	683	237
	65-69	5,473	4,716	594	163
	70-74	3,915	3,378	360	177
	75-79	2,940	2,247	510	183
	80-84	2,307	1,575	461	271
	85-89	1,240	650	344	246
	90-94	497	157	188	152
	95 +	100	22	29	49
	Total	24,652	20,005	3,169	1,478

Table 8a Continued
Projections of 60+ Male Population by Age Group and Level of Disability
Lorain County

<u>Year</u>	<u>Age Group</u>	<u>Total Population</u>	<u>Population with No Disability</u>	<u>Population with Disability</u>	
				Moderate ^a	Severe ^b
2015	60-64	9,135	8,108	762	265
	65-69	7,198	6,202	781	215
	70-74	4,603	3,972	423	208
	75-79	3,117	2,382	540	195
	80-84	2,145	1,465	429	251
	85-89	1,333	699	370	264
	90-94	610	192	231	187
	95 +	141	31	41	69
	Total	28,282	23,051	3,577	1,654
<u>Year</u>	<u>Age Group</u>	<u>Total Population</u>	<u>Population with No Disability</u>	<u>Population with Disability</u>	
				Moderate ^a	Severe ^b
2020	60-64	10,184	9,039	850	295
	65-69	8,073	6,956	876	241
	70-74	6,096	5,261	561	274
	75-79	3,705	2,831	642	232
	80-84	2,313	1,579	463	271
	85-89	1,273	667	354	252
	90-94	678	214	257	207
	95 +	185	41	54	90
	Total	32,507	26,588	4,057	1,862

Source: Authors' projections.

^a Moderate disability is defined as received help in at least one of the following activities of daily living: eating, transferring in or out of bed or chair, getting to the toilet, dressing, bathing, remaining continent; or in at least two of the following instrumental activities of daily living: walking, shopping, meal preparation, housekeeping, or using transportation.

^b Severe disability is defined as received help in at least two of the following activities of daily living: eating, transferring in or out of bed or chair, getting to the toilet, dressing, remaining continent, or having cognitive impairment.

**Table 9a
Population Age 60+, by Poverty Threshold Ratio,
Lorain County and Ohio, 2000**

	Lorain County		Ohio	
	Number	%	Number	%
(0 - 100%) At or Below Poverty Threshold	4,838	10.2	244,061	12.4
(101 - 200%) Just Above, to Two Times Poverty Threshold	7,692	16.2	366,227	18.7
to Two Times, to Three Times Poverty Threshold	10,629	22.3	393,076	20.0
Three Times, to Four Times Poverty Threshold	8,262	17.4	311,277	15.9
(> 400%) Above Four Times Poverty Threshold	16,162	33.9	647,354	33.0
Total	47,583	100	1,961,995	100

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Table 10a
Population Age 60+, by Poverty Threshold Ratio
Lorain County, 1990 & 2000

	1990*		2000	
	Number	%	Number	%
(0 - 100%) At or Below Poverty Threshold	3,303	8.2	4,838	10.2
(101 - 200%) Just Above, to Two Times Poverty Threshold	9,097	22.5	7,692	16.2
(201 - 300%) Just Above to Two Times, to Three Times Poverty Threshold	9,347	23.1	10,629	22.3
(301 - 400%) Just Above Three Times, to Four Times Poverty Threshold	7,771	19.2	8,262	17.4
(> 400%) Above Four Times Poverty Threshold	10,908	27.0	16,162	33.9
Total	40,426	100	47,583	100

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

*Percentages are adjusted to reflect only those residents for whom information was available on the income question.

Table 11a
Population Age 60+, by Poverty Threshold Ratio and Age Group,
Lorain County, 2000

		60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90+
0 - 100%	Number	1,049	496	651	776	743	678	445
	%	9.1	5.0	7.0	9.9	15.2	22.9	40.4
101 - 200%	Number	1,122	1,432	1,796	1,320	839	909	274
	%	9.8	14.4	19.2	16.9	17.1	30.5	24.9
201 - 400%	Number	4,181	3,896	4,464	3,467	1,980	708	195
	%	36.3	39.3	47.6	44.5	40.3	23.9	17.7
> 400%	Number	5,159	4,096	2,458	2,244	1,346	672	187
	%	44.8	41.3	26.2	28.7	27.4	22.7	17.0
Total	Number	11,511	9,920	9,369	7,807	4,908	2,967	1,101
	%	100	100	100	100	100	100	100

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Table 12a
Population Age 60+, by Poverty Threshold Ratio, by Gender and Age Group,
Lorain County, 2000

	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90+
Men 0-100% Poverty	405	277	196	170	125	199	60
Women 0-100% Poverty	644	219	455	606	618	479	385
Men > 400% Poverty	2,740	2,258	1,220	889	605	111	130
Women > 400% Poverty	2,419	1,838	1,238	1,355	741	561	57

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Table 13a
Race and Ethnic Distribution Among Population Age 60+
Lorain County and Ohio, 2000

	Lorain County		Ohio	
	Number	%	Number	%
White Alone	42,186	89.8	1,760,708	89.7
Black Alone 60+	2,628	5.6	164,695	8.4
Other Race Alone	2,174	4.6	38,086	1.9
Hispanic*	1,637	3.5	14,293	0.7
Total 60+	46,988	100	1,963,489	100

Source: U.S. Census Bureau, 2000 Census of Population: PCT12J, PCT12J, & PCT12H SEX BY AGE

* Persons identifying themselves with Hispanic ethnicity could be of any race.

Table 14a
Marital Status Among Population
Age 60+, by Age Group
Lorain County, 2000

	Married		Widowed/Divorced/ Separated		Never Married		Total
	Number	%	Number	%	Number	%	
60-64	8,594	74.7	2,570	22.3	347	3.0	11,511
65-69	6,854	69.1	2,677	27.0	389	3.9	9,920
70-74	6,121	65.3	2,838	30.3	410	4.4	9,369
75-79	4,082	52.3	3,499	44.8	226	2.9	7,807
80-84	2,158	44.0	2,553	52.0	197	4.0	4,908
85-89	700	23.6	2,099	70.7	168	5.7	2,967
90+	245	22.3	838	76.1	18	1.6	1,101
Total	28,754	60.4	17,074	35.9	1,755	3.7	47,583

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Table 15a
Marital Status Among Population Age 60+
Lorain County, 1990 & 2000

	1990		2000	
	Number	%	Number	%
Married	26,016	61.6	28,754	60.4
Widowed/Divorced/ Separated	14,819	35.0	17,074	35.9
Never Married	1,451	3.4	1,755	3.7
Total	42,286	100	47,583	100

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Table 16a
Marital Status Among Population Age 60+, by Gender
Lorain County, 2000

	Married		Widowed/Divorced/ Separated		Never Married		Total
	Number	%	Number	%	Number	%	
Male	15,885	78.6	3,466	17.2	839	4.2	20,190
Female	12,869	47.0	13,608	49.7	916	3.3	27,393
Total	28,754		17,074		1,755		47,583

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Table 17a
Living Alone Among Population Age 60+
Lorain County, 1990 & 2000

	1990		2000	
	Number	%	Number	%
Lorain County	11,750	27.8	13,491	28.4
Ohio	593,788	31.2	629,045	32.1

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Table 18a
Population Age 60+ Living Alone, by Gender and Age Group,
Lorain County, 2000

		60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90+
Male Living Alone	Number	471	574	690	830	266	296	144
	%	4.1	5.8	7.4	10.6	5.4	10.0	13.1
Male Not Living Alone	Number	4,771	4,343	3,394	2,281	1,407	546	177
	%	41.5	43.7	36.2	29.2	28.7	18.4	16.1
Female Living Alone	Number	1,347	1,482	1,732	1,855	1,713	1,448	643
	%	11.7	15.0	18.5	23.8	34.9	48.8	58.4
Female Not Living Alone	Number	4,922	3,521	3,553	2,841	1,522	677	137
	%	42.7	35.5	37.9	36.4	31.0	22.8	12.4
Total	Number	11,511	9,920	9,369	7,807	4,908	2,967	1,101
	%	100	100	100	100	100	100	100

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Table 19a
Highest Level of Educational Attainment
Among Population Age 60+
Lorain County & Ohio, 2000

	Lorain County	Ohio
6th Grade or Less	2,069	68,928
7th - 12th (No Diploma)	13,491	548,406
High School Graduate	18,616	760,829
Some College	7,964	322,885
Bachelor's Degree	3,236	155,023
Graduate Degree	2,207	105,924
Total	47,583	1,961,995

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Table 20a
Highest Level of Educational Attainment
Among Population Age 60+, by Gender
Lorain County, 2000

	Men		Women	
	Number	%	Number	%
6th Grade or Less	929	4.6	1,140	4.2
7th - 12th (No Diploma)	6,007	29.8	7,484	27.3
High School Graduate	7,066	34.9	11,550	42.1
Some College	3,402	16.9	4,562	16.7
Bachelor's Degree	1,573	7.8	1,663	6.1
Graduate Degree	1,213	6.0	994	3.6
Total	20,190	100	27,393	100

Source: U.S. Census Bureau, 2000: Public Use Microdata Sample: 5-Percent.

Table 21a
Estimated Percentage Distribution of Female Population
by Disability Status and Age Group

	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90 - 94	95+
No Disability	83%	82%	74%	69%	58%	40%	24%	14%
Moderate Disability	14%	14%	20%	21%	25%	29%	31%	32%
Severe Disability	3%	4%	6%	10%	17%	31%	45%	54%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Source: Mehdizadeh, S.A., Kunkel, S.R., Ritchey, P.N. (2001). *Projections of Ohio's Older Disabled*
 Population: 2015-2050. Oxford, OH: Scripps Gerontology Center, Miami University.

Table 22a
Estimated Percentage Distribution of Male Population
by Disability Status and Age Group

	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90 - 94	95+
No Disability	89%	86%	86%	77%	68%	52%	32%	22%
Moderate Disability	8%	11%	9%	17%	20%	28%	37%	29%
Severe Disability	3%	3%	5%	6%	12%	20%	31%	49%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Source: Mehdizadeh, S.A., Kunkel, S.R., Ritchey, P.N. (2001). *Projections of Ohio's Older Disabled*
 Population: 2015-2050. Oxford, OH: Scripps Gerontology Center, Miami University.