

# HISTORICAL ANALYSIS of CENSUS TRANSPORTATION DATA

PREPARED BY:



MARCH 2013

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## REPORT DOCUMENTATION

**TITLE**

Historical Analysis of Census Transportation Data

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**ABSTRACT**

This document contains transportation-related data from the U.S. Census Bureau for Hampton Roads, 1970 through 2010. The 1970 through 2000 data comes from the respective decennial censuses. The 2010 data comes from both the 2010 decennial census and a three-year 2009-2011 sample from the Bureau's American Community Survey (ACS), as noted.

The data is presented individually by locality and collectively for the region. Regional data is presented for both the HRTPO and the 2010 Metropolitan Statistical Area (MSA). Using 2010 MSA data, Hampton Roads is compared to other MSAs of similar size. Locality data is presented for each of the 18 localities that fall into at least one of the Hampton Roads regional definitions.

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**REPORT DATE**

March 2013

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**ACKNOWLEDGMENTS**

Some of the data in this document was obtained via the help of Ally Burlison-Gibson, Data Dissemination Specialist for Virginia, U.S. Census Bureau.

This document was prepared by the Hampton Roads Transportation Planning Organization (HRTPO) in cooperation with the U.S. Department of Transportation (USDOT), Federal Highway Administration (FHWA), Federal Transit Administration (FTA), Virginia Department of Transportation (VDOT), and Virginia Department of Rail and Public Transportation (DRPT). The contents of this report reflect the views of the HRTPO. The HRTPO staff is responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the FHWA, FTA, VDOT or DRPT. This report does not constitute a standard, specification, or regulation. FHWA, FTA, VDOT or DRPT acceptance of this report as evidence of fulfillment of the objectives of this program does not constitute endorsement/approval of the need for any recommended improvements nor does it constitute approval of their location and design or a commitment to fund any such improvements. Additional project level environmental impact assessments and/or studies of alternatives may be necessary.

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## INTRODUCTION

This document contains transportation-related data from the U.S. Census Bureau for Hampton Roads, 1970 through 2010. The 1970 through 2000 data comes from the respective decennial censuses. The 2010 data comes from both the 2010 decennial census and a three-year 2009-2011 sample from the Bureau's American Community Survey (ACS), as noted.

The data is presented individually by locality and collectively for the region. Regional data is presented for both the HRTPO and the 2010 Hampton Roads Metropolitan Statistical Area (MSA) (See regional definitions in the table at right.) Using 2010 MSA data, Hampton Roads is compared to other MSAs of similar size. Locality data is presented for each of the 18 localities that fall into at least one of the regional definitions listed in the table.

|                | HRTPO<br>Members | HRPDC<br>Members | 2010 MSA |
|----------------|------------------|------------------|----------|
| Chesapeake     |                  |                  |          |
| Currituck      |                  |                  |          |
| Franklin       |                  |                  |          |
| Gloucester     |                  |                  |          |
| Hampton        |                  |                  |          |
| Isle of Wight  |                  |                  |          |
| James City     |                  |                  |          |
| Mathews        |                  |                  |          |
| Newport News   |                  |                  |          |
| Norfolk        |                  |                  |          |
| Poquoson       |                  |                  |          |
| Portsmouth     |                  |                  |          |
| Southampton    |                  |                  |          |
| Suffolk        |                  |                  |          |
| Surry          |                  |                  |          |
| Virginia Beach |                  |                  |          |
| Williamsburg   |                  |                  |          |
| York           |                  |                  |          |

Definition of "Hampton Roads"

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## TRANSPORTATION RELATED CENSUS DATA- HRTPO 1970-2010

In this section, data is presented collectively for the HRTPO localities.

As noted on the table that begins on the following page, some data covers all 13 HRTPO localities<sup>1</sup>, whereas some data covers a subset of these localities as noted in the “Coverage” column of the table. Due to large margins of error, the Census Bureau suppressed some 2010 sample data (2009-2011) for smaller localities, necessitating the creation of subsets covering less than 13 localities. For apples-to-apples comparison, where subsets are used for 2010 data they are also used for 1970 through 2000 data.

Following the four-page data table, a chart is provided for each type of data.

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<sup>1</sup> Note that, although the HRTPO study area excludes northern Gloucester, the “HRTPO13” data on the following table covers all of Gloucester.

## Transportation Related Census Data, HRTPO<sup>1</sup> 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

|   | Coverage <sup>1</sup> | Source <sup>2</sup> | Year 1970        | Year 1980        | Year 1990        | Year 2000        | Year 2010        |
|---|-----------------------|---------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Population</b>                                     |                       |                     |                  |                  |                  |                  |                  |
| Population  | HRTPO13               | Full                | 1,077,049        | 1,181,914        | 1,421,160        | 1,542,144        | 1,632,100        |
|   |                       |                     |                  | <u>1970's</u>    | <u>1980's</u>    | <u>1990's</u>    | <u>2000's</u>    |
| Growth Rate, annual                                   | HRTPO13               | Full                | n.a.             | 0.9%             | 1.9%             | 0.8%             | 0.6%             |
| In Households   | HRTPO13               | Full                | 994,377          | 1,118,450        | 1,354,242        | 1,475,982        | 1,563,201        |
| In Group Quarters                                     | HRTPO13               | Full                | 82,672           | 63,464           | 66,918           | 66,162           | 68,899           |
|   |                       |                     | <u>1,077,049</u> | <u>1,181,914</u> | <u>1,421,160</u> | <u>1,542,144</u> | <u>1,632,100</u> |
| Population in Group Quarters                          |                       |                     |                  |                  |                  |                  |                  |
| In Nursing Facilities                                 | HRTPO13               | Mixed               | 2,765            | 3,909            | 6,607            | 6,917            | 6,130            |
| In Other Institutional Facilities                     | HRTPO13               | Mixed               | 4,525            | 5,106            | 7,108            | 17,862           | 10,697           |
| In College/University Student Housing                 | HRTPO13               | Mixed               | 5,561            | 8,136            | 10,329           | 10,898           | 16,693           |
| In Military Quarters                                  | HRTPO13               | Mixed               | 66,019           | 45,488           | 40,448           | 26,536           | 32,206           |
| In Other Noninstitutional Facilities                  | HRTPO13               | Mixed               | 3,346            | 868              | 2,426            | 3,949            | 3,173            |
| Total <sup>3</sup>                                    |                       |                     | <u>82,216</u>    | <u>63,507</u>    | <u>66,918</u>    | <u>66,162</u>    | <u>68,899</u>    |
| Detail of "In Other Institutional Facilities" (above) |                       |                     |                  |                  |                  |                  |                  |
| In Correctional Facilities                            | HRTPO13               | Full                | n.a.             | n.a.             | 4,162            | 15,870           | 10,379           |
| In Other Institutional Facilities                     | HRTPO13               | Full                | n.a.             | n.a.             | 2,946            | 1,992            | 318              |
|   |                       |                     |                  |                  | <u>7,108</u>     | <u>17,862</u>    | <u>10,697</u>    |
| <b>Age</b>  |                       |                     |                  |                  |                  |                  |                  |
| Ages 0 thru 17  | HRTPO13               | Full                | 376,572          | 337,246          | 375,287          | 407,658          | 385,577          |
| Ages 18 thru 64                                       | HRTPO13               | Full                | 635,358          | 753,386          | 916,958          | 977,062          | 1,059,576        |
| Ages 65 thru 74                                       | HRTPO13               | Full                | 42,413           | 58,611           | 81,551           | 86,725           | 103,463          |
| Age 75 and Over                                       | HRTPO13               | Full                | 22,706           | 32,671           | 47,364           | 70,699           | 83,484           |
|   |                       |                     | <u>1,077,049</u> | <u>1,181,914</u> | <u>1,421,160</u> | <u>1,542,144</u> | <u>1,632,100</u> |
| Ages 0 thru 17  | HRTPO13               | Full                | 35%              | 29%              | 26%              | 26%              | 24%              |
| Ages 18 thru 64                                       | HRTPO13               | Full                | 59%              | 64%              | 65%              | 63%              | 65%              |
| Ages 65 thru 74                                       | HRTPO13               | Full                | 4%               | 5%               | 6%               | 6%               | 6%               |
| Age 75 and Over                                       | HRTPO13               | Full                | 2%               | 3%               | 3%               | 5%               | 5%               |
|   |                       |                     | <u>100%</u>      | <u>100%</u>      | <u>100%</u>      | <u>100%</u>      | <u>100%</u>      |

|   | Coverage <sup>1</sup> | Source <sup>2</sup> | Year 1970 | Year 1980 | Year 1990 | Year 2000 | Year 2010 |
|---|-----------------------|---------------------|-----------|-----------|-----------|-----------|-----------|
| <b>Households</b>                         |                       |                     |           |           |           |           |           |
| Households                                | HRTPO13               | Full                | 304,104   | 392,975   | 502,568   | 566,825   | 613,008   |
| Persons per Household                     | HRTPO13               | Full                | 3.27      | 2.85      | 2.70      | 2.60      | 2.55      |
| <b>Employment (by place of residence)</b> |                       |                     |           |           |           |           |           |
| Population 16 Years and Over              |                       |                     |           |           |           |           |           |
| Civilian Labor Force                      | HR11                  | Sample              | 348,196   | 479,476   | 633,414   | 697,158   | 798,516   |
| Armed Forces                              | HR11                  | Sample              | 108,752   | 94,367    | 117,026   | 91,340    | 76,595    |
| Not in Labor Force                        | HR11                  | Sample              | 274,619   | 299,729   | 312,301   | 371,029   | 395,549   |
|   |                       |                     | 731,567   | 873,572   | 1,062,741 | 1,159,527 | 1,270,660 |
| Civilian Labor Force, % of labor force    | HR11                  | Sample              | 76%       | 84%       | 84%       | 88%       | 91%       |
| Armed Forces, % of labor force            | HR11                  | Sample              | 24%       | 16%       | 16%       | 12%       | 9%        |
|   |                       |                     | 100%      | 100%      | 100%      | 100%      | 100%      |
| In Labor Force, % of pop. age 16+         | HR11                  | Sample              | 62%       | 66%       | 71%       | 68%       | 69%       |
| Not in Labor Force, % of pop. age 16+     | HR11                  | Sample              | 38%       | 34%       | 29%       | 32%       | 31%       |
|   |                       |                     | 100%      | 100%      | 100%      | 100%      | 100%      |
| <b>Vehicles</b>                           |                       |                     |           |           |           |           |           |
| Occupied Housing Units                    |                       |                     |           |           |           |           |           |
| Zero-Vehicle Occ'd Housing Units          | HR11                  | Sample              | 53,859    | 46,029    | 49,234    | 49,042    | 38,095    |
| Occ'd Housing Units with Vehicles         | HR11                  | Sample              | 247,845   | 341,345   | 446,097   | 509,998   | 555,121   |
|   |                       |                     | 301,704   | 387,374   | 495,331   | 559,040   | 593,216   |
| Zero-Vehicle Occupied Housing Units, %    | HR11                  | Sample              | 18%       | 12%       | 10%       | 9%        | 6%        |
| Occupied Housing Units with Vehicles, %   | HR11                  | Sample              | 82%       | 88%       | 90%       | 91%       | 94%       |
|   |                       |                     | 100%      | 100%      | 100%      | 100%      | 100%      |

|   | Coverage <sup>1</sup> | Source <sup>2</sup> | Year 1970 | Year 1980 | Year 1990 | Year 2000 | Year 2010 |
|---|-----------------------|---------------------|-----------|-----------|-----------|-----------|-----------|
| <b><u>Means of Transportation to Work</u></b> |                       |                     |           |           |           |           |           |
| Workers 16 Years and Over                     |                       |                     |           |           |           |           |           |
| Drove Alone (car, truck, van)                 | HR7Cities             | Sample              | n.a.      | 293,028   | 459,682   | 514,310   | 560,971   |
| Carpooled (car, truck, van)                   | HR7Cities             | Sample              | n.a.      | 111,612   | 89,181    | 80,630    | 60,504    |
| Public Transportation (excluding taxi)        | HR7Cities             | Sample              | n.a.      | 22,536    | 13,857    | 12,656    | 13,131    |
| Taxicab                                       | HR7Cities             | Sample              | n.a.      | 633       | 784       | 860       | 689       |
| Walked  | HR7Cities             | Sample              | n.a.      | 33,107    | 23,251    | 18,455    | 20,091    |
| Motorcycle                                    | HR7Cities             | Sample              | n.a.      | 2,833     | 1,754     | 855       | 1,272     |
| Bicycle                                       | HR7Cities             | Sample              | n.a.      | 2,943     | 3,415     | 2,140     | 3,177     |
| Other Means                                   | HR7Cities             | Sample              | n.a.      | 15,332    | 7,443     | 9,645     | 5,758     |
| Worked at Home                                | HR7Cities             | Sample              | n.a.      | 5,537     | 35,539    | 16,840    | 30,576    |
|   |                       |                     |           | 487,561   | 634,906   | 656,391   | 696,169   |
| <b><u>Means of Transportation to Work</u></b> |                       |                     |           |           |           |           |           |
| Drove Alone (car, truck, van)                 | HR7Cities             | Sample              | n.a.      | 60%       | 72%       | 78%       | 81%       |
| Carpooled (car, truck, van)                   | HR7Cities             | Sample              | n.a.      | 23%       | 14%       | 12%       | 9%        |
| Public Transportation (excluding taxi)        | HR7Cities             | Sample              | n.a.      | 4.6%      | 2.2%      | 1.9%      | 1.9%      |
| Taxicab                                       | HR7Cities             | Sample              | n.a.      | 0.13%     | 0.12%     | 0.13%     | 0.10%     |
| Walked  | HR7Cities             | Sample              | n.a.      | 6.8%      | 3.7%      | 2.8%      | 2.9%      |
| Motorcycle                                    | HR7Cities             | Sample              | n.a.      | 0.6%      | 0.3%      | 0.1%      | 0.2%      |
| Bicycle                                       | HR7Cities             | Sample              | n.a.      | 0.6%      | 0.5%      | 0.3%      | 0.5%      |
| Other Means                                   | HR7Cities             | Sample              | n.a.      | 3.1%      | 1.2%      | 1.5%      | 0.8%      |
| Worked at Home                                | HR7Cities             | Sample              | n.a.      | 1.1%      | 5.6%      | 2.6%      | 4.4%      |
|   |                       |                     |           | 100%      | 100%      | 100%      | 100%      |
| <b><u>Travel Time to Work</u></b>             |                       |                     |           |           |           |           |           |
| Mean Travel Time to Work, minutes             | HR11                  | Sample              | n.a.      | 21.4      | 21.8      | 23.9      | 23.2      |
| Workers 16+ (Did Not Work at Home)            |                       |                     |           |           |           |           |           |
| Less than 10 minutes                          | HR11                  | Sample              | n.a.      | 77,325    | 82,512    | 81,373    | 86,162    |
| 10 to 44 minutes                              | HR11                  | Sample              | n.a.      | 403,211   | 517,510   | 562,844   | 592,613   |
| 45 or more minutes                            | HR11                  | Sample              | n.a.      | 45,927    | 62,795    | 74,041    | 80,362    |
|   |                       |                     |           | 526,463   | 662,817   | 718,258   | 759,137   |
| Less than 10 minutes                          | HR11                  | Sample              | n.a.      | 15%       | 12%       | 11%       | 11%       |
| 10 to 44 minutes                              | HR11                  | Sample              | n.a.      | 77%       | 78%       | 78%       | 78%       |
| 45 or more minutes                            | HR11                  | Sample              | n.a.      | 9%        | 9%        | 10%       | 11%       |
|   |                       |                     |           | 100%      | 100%      | 100%      | 100%      |



|   | Coverage <sup>1</sup> | Source <sup>2</sup> | Year 1970 | Year 1980 | Year 1990      | Year 2000      | Year 2010      |
|---|-----------------------|---------------------|-----------|-----------|----------------|----------------|----------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |                       |                     |           |           |                |                |                |
| Workers 16+ (Did Not Work at Home)            |                       |                     |           |           |                |                |                |
| 5:00 a.m. to 5:59 a.m.                        | HR11                  | Sample              | n.a.      | n.a.      | 65,553         | 67,865         | 77,890         |
| 6:00 a.m. to 6:59 a.m.                        | HR11                  | Sample              | n.a.      | n.a.      | 160,103        | 166,020        | 170,158        |
| 7:00 a.m. to 7:59 a.m.                        | HR11                  | Sample              | n.a.      | n.a.      | 185,406        | 204,870        | 191,222        |
| 8:00 a.m. to 8:59 a.m.                        | HR11                  | Sample              | n.a.      | n.a.      | 99,404         | 108,250        | 121,120        |
| 9:00 a.m. to 9:59 a.m.                        | HR11                  | Sample              | n.a.      | n.a.      | 32,262         | 36,085         | 41,019         |
| Other Times                                   | HR11                  | Sample              | n.a.      | n.a.      | 120,089        | 135,220        | 157,728        |
|   |                       |                     |           |           | <u>662,817</u> | <u>718,310</u> | <u>759,137</u> |
| <b><u>Time Leaving Home to Go to Work</u></b> |                       |                     |           |           |                |                |                |
| 5:00 a.m. to 5:59 a.m.                        | HR11                  | Sample              | n.a.      | n.a.      | 10%            | 9%             | 10%            |
| 6:00 a.m. to 6:59 a.m.                        | HR11                  | Sample              | n.a.      | n.a.      | 24%            | 23%            | 22%            |
| 7:00 a.m. to 7:59 a.m.                        | HR11                  | Sample              | n.a.      | n.a.      | 28%            | 29%            | 25%            |
| 8:00 a.m. to 8:59 a.m.                        | HR11                  | Sample              | n.a.      | n.a.      | 15%            | 15%            | 16%            |
| 9:00 a.m. to 9:59 a.m.                        | HR11                  | Sample              | n.a.      | n.a.      | 5%             | 5%             | 5%             |
| Other Hours                                   | HR11                  | Sample              | n.a.      | n.a.      | 18%            | 19%            | 21%            |
|   |                       |                     |           |           | <u>100%</u>    | <u>100%</u>    | <u>100%</u>    |
| <b><u>Place of Work</u></b>                   |                       |                     |           |           |                |                |                |
| Workers 16 Years and Over                     |                       |                     |           |           |                |                |                |
| Work In County of Residence                   | HR11                  | Sample              | n.a.      | n.a.      | 392,822        | 383,139        | 423,252        |
| Work Outside County of Residence              | HR11                  | Sample              | n.a.      | n.a.      | 307,220        | 354,742        | 370,628        |
|   |                       |                     |           |           | <u>700,042</u> | <u>737,881</u> | <u>793,880</u> |
| Work In County of Residence, %                | HR11                  | Sample              | n.a.      | n.a.      | 56%            | 52%            | 53%            |
| Work Outside County of Residence, %           | HR11                  | Sample              | n.a.      | n.a.      | 44%            | 48%            | 47%            |
|   |                       |                     |           |           | <u>100%</u>    | <u>100%</u>    | <u>100%</u>    |

**Footnotes**<sup>1</sup>Coverage column:

HRTPO13: The 13 locality members of the HRTPO (including the whole county of Gloucester).

HR11: The 11 largest HRTPO members: Ches., Glo. (whole county), Hamp., Isle of W., JCC, NN, Nor., Ports., Suff., Va. B, York.

HR7Cities: The 7 largest city HRTPO members: Ches., Hamp., Newp. News, Nor., Ports., Suff., Va. B.

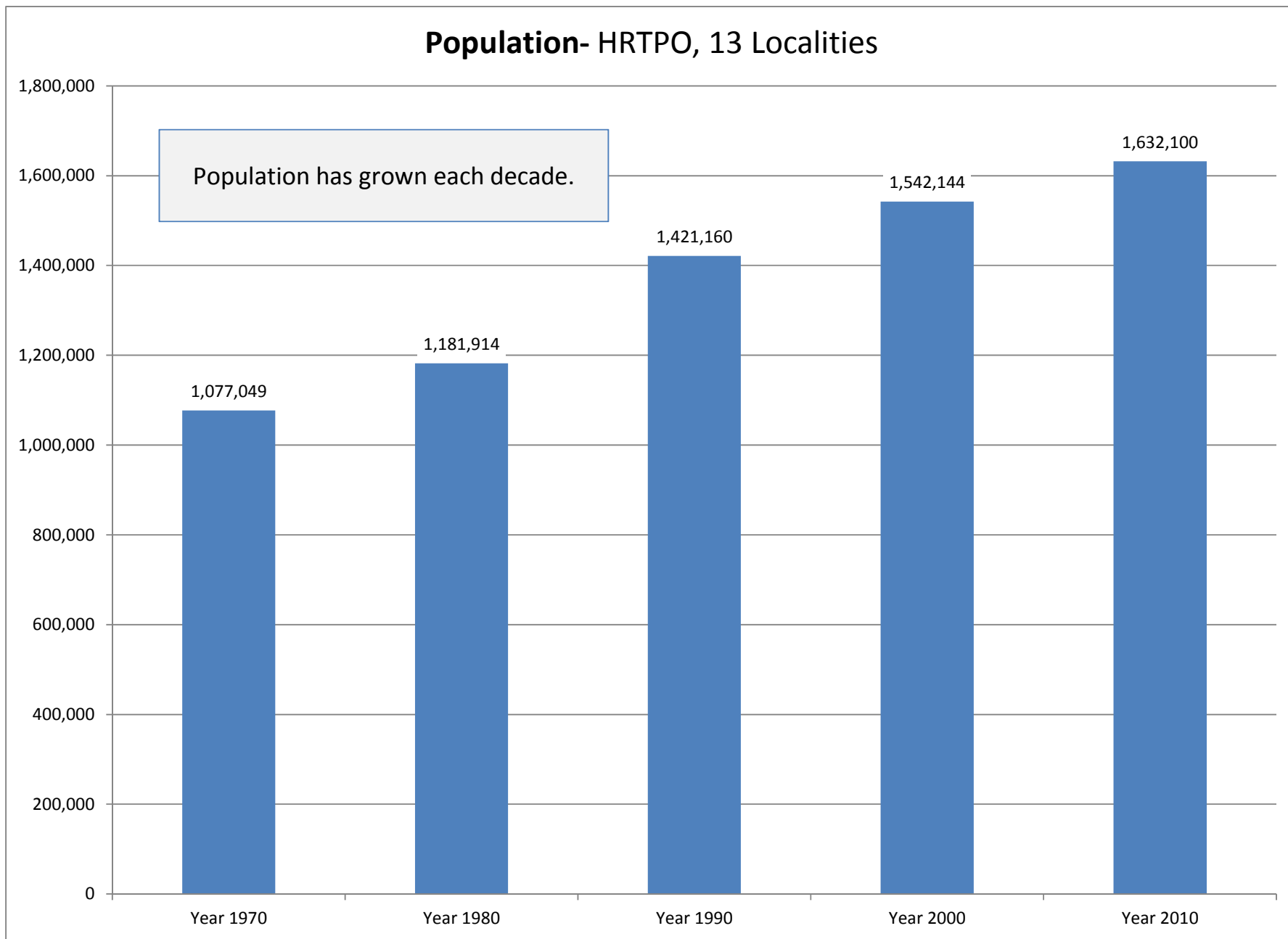
<sup>2</sup>Source:

Full: Based on entire population and every housing unit.

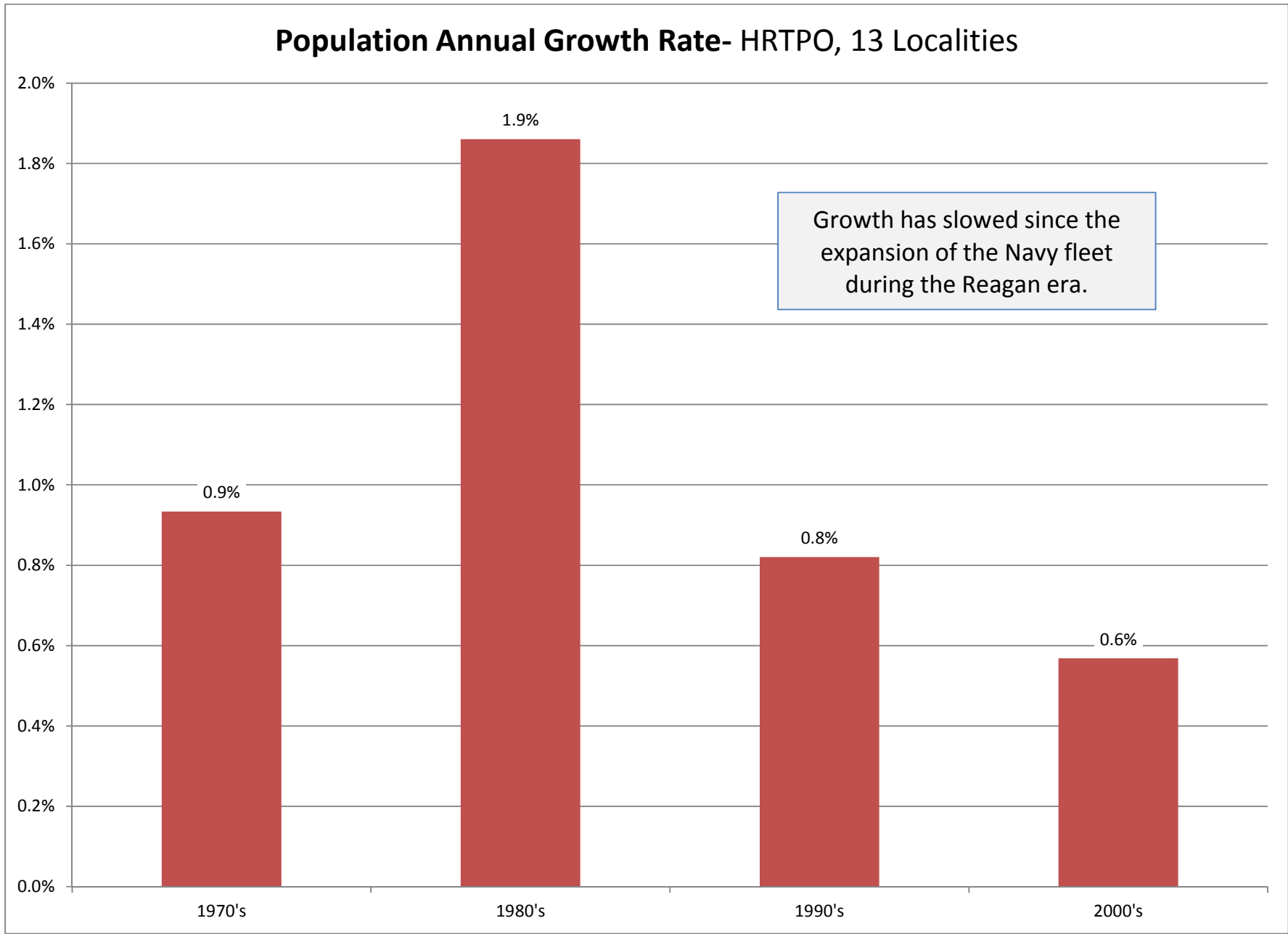
Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

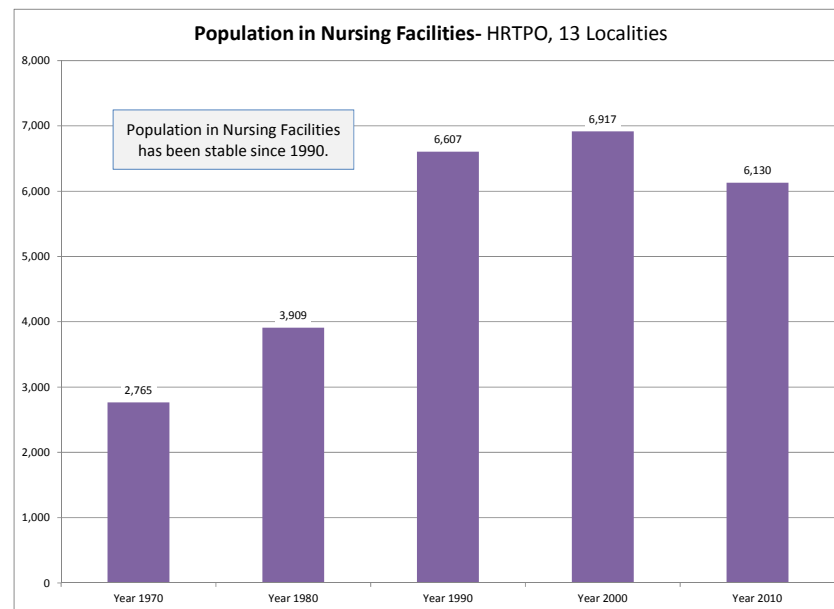
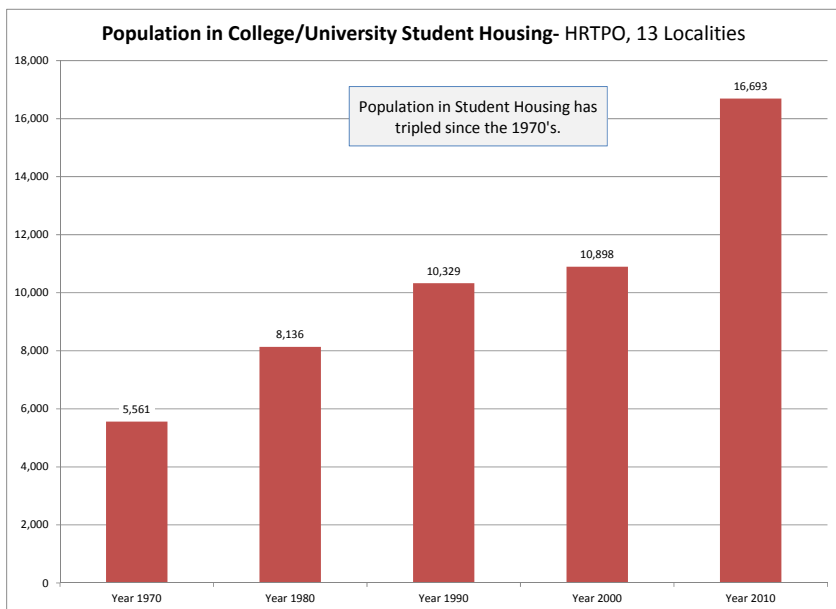
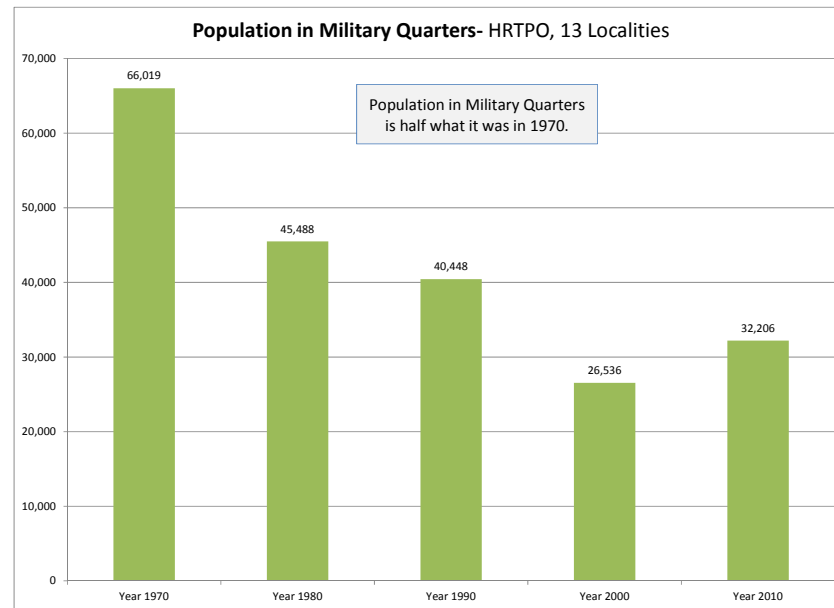
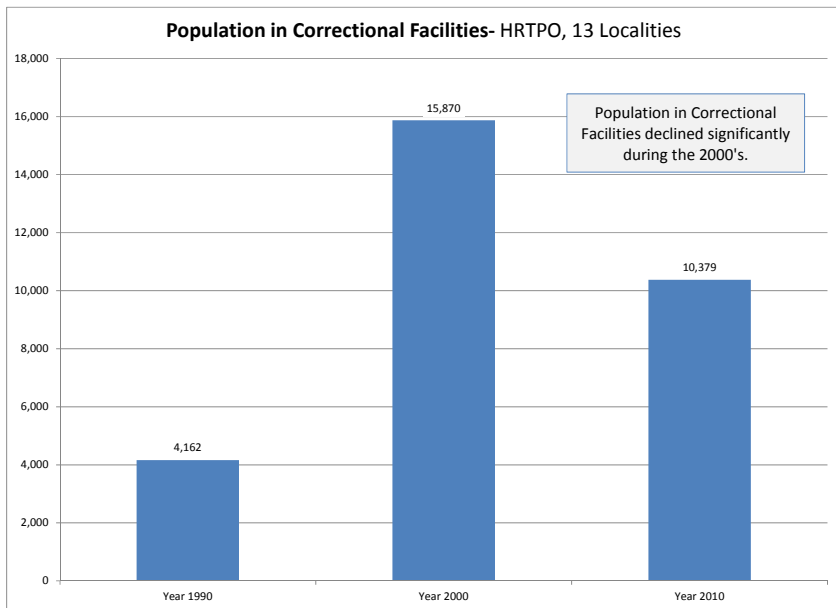
<sup>3</sup>Total: For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



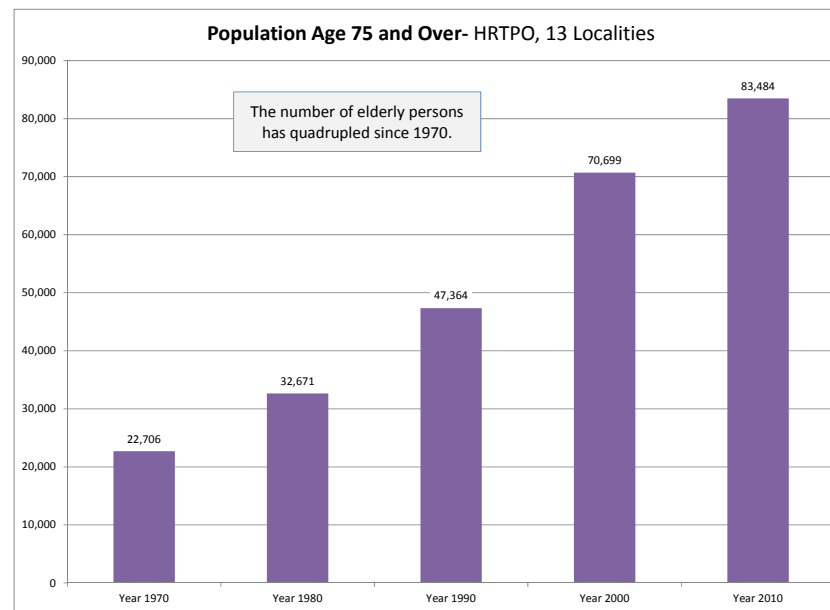
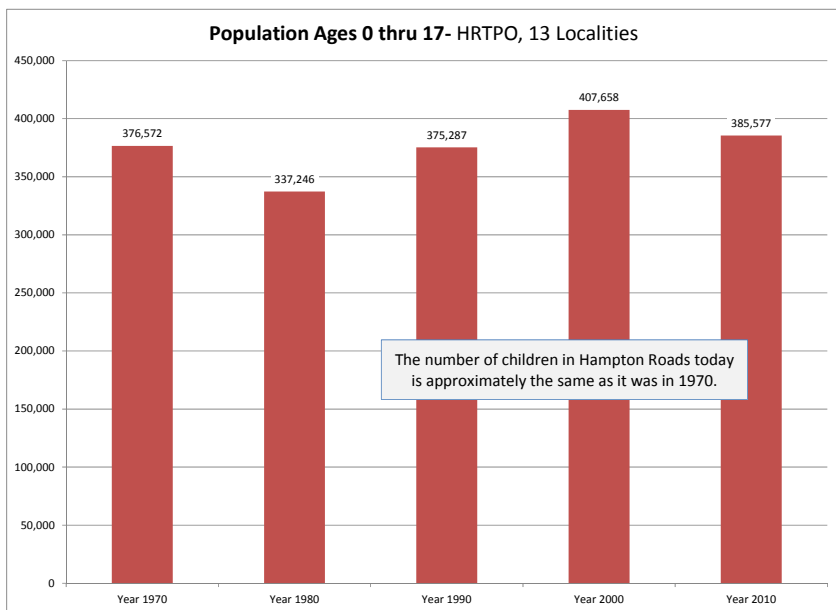
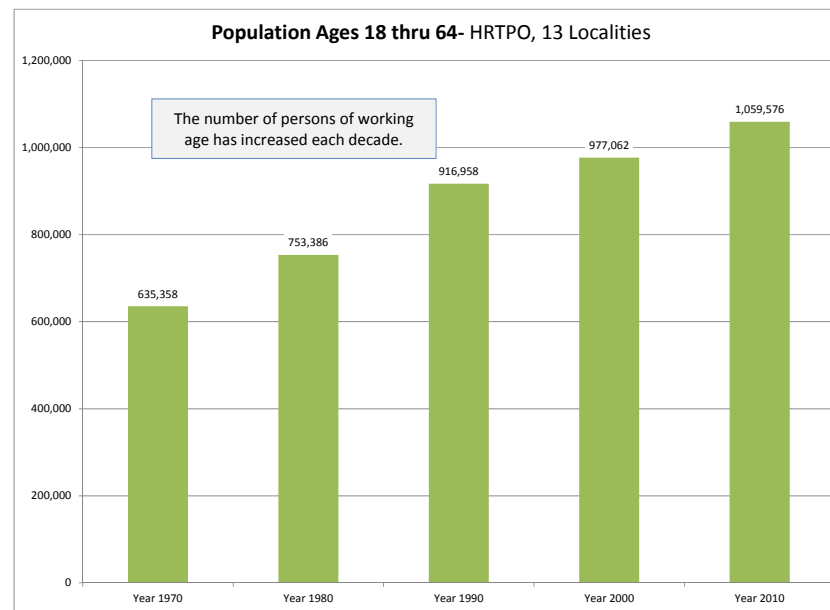
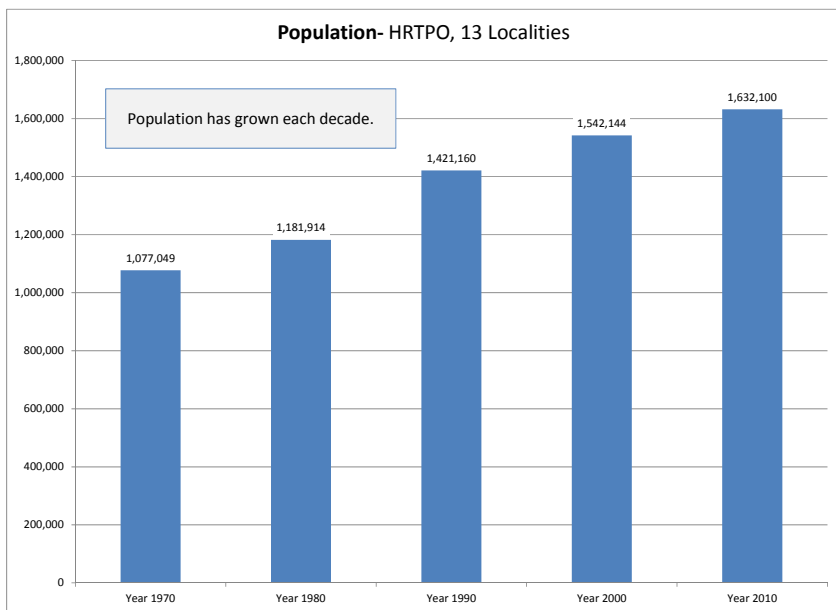
Data Source: HRTPO analysis of US Census data.



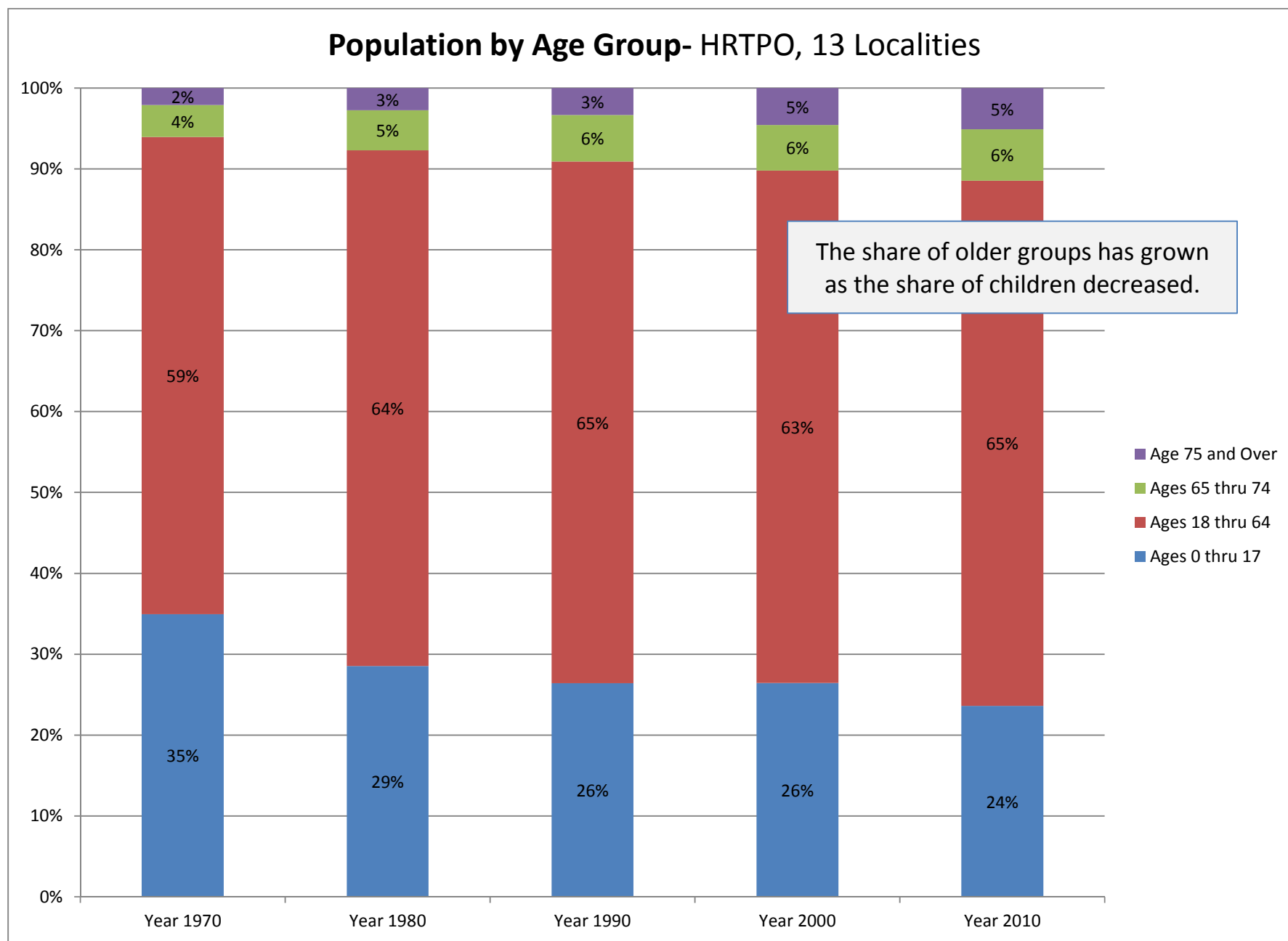
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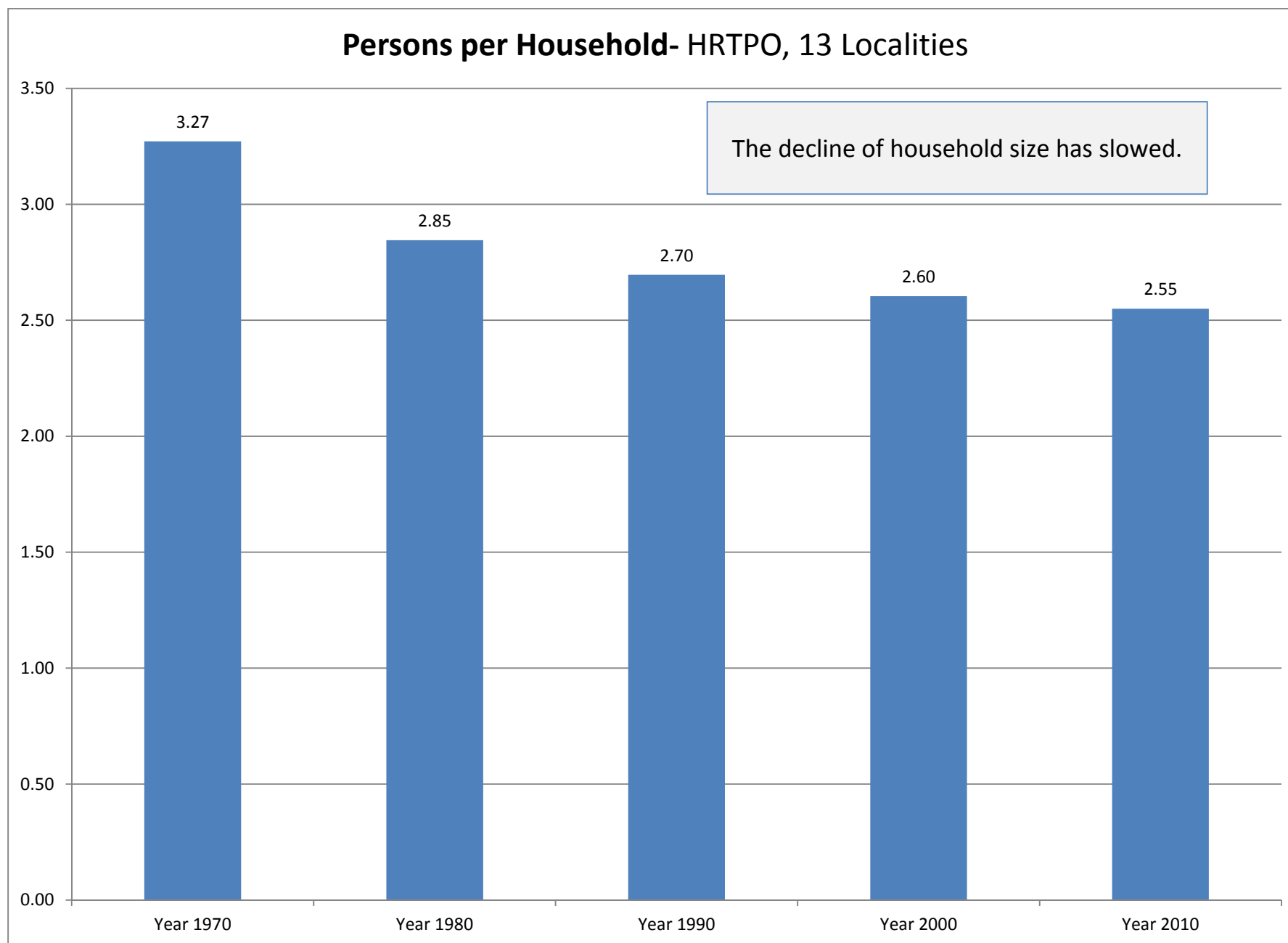
Data Source: HRTPO analysis of US Census data.



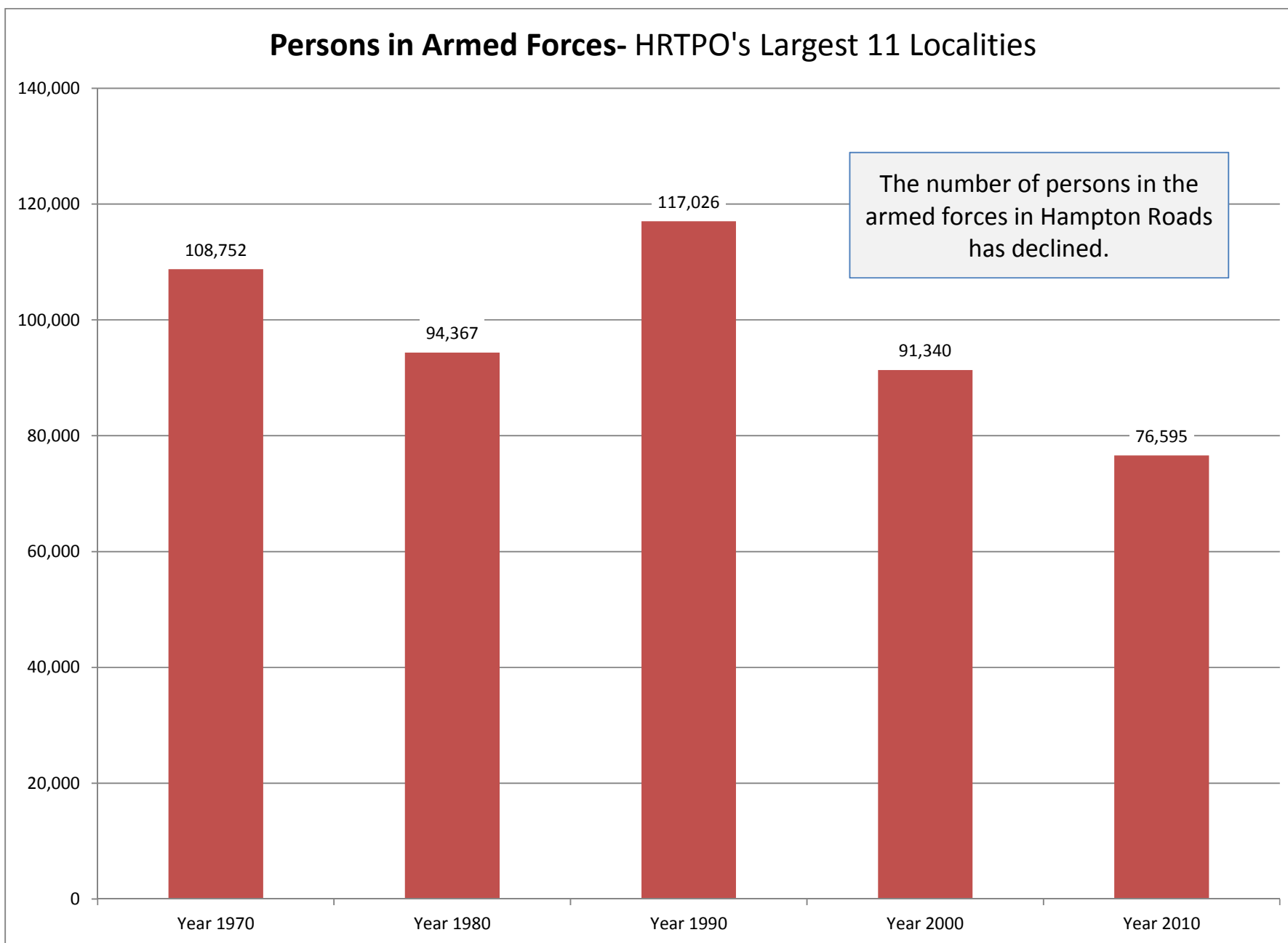
Data Source: HRTPO analysis of US Census data.



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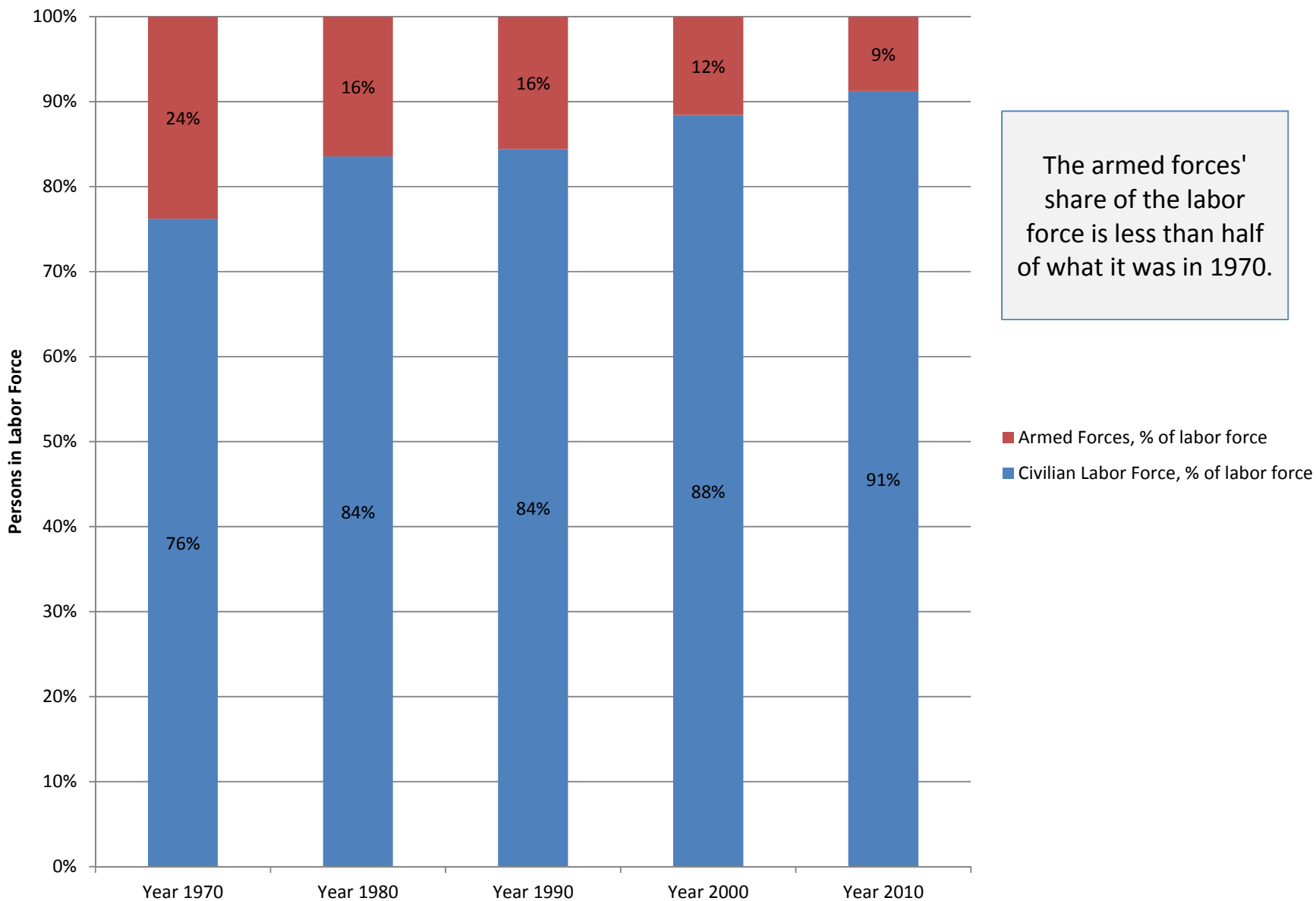
Data Source: HRTPO analysis of US Census data.



Data Source: HRTPO analysis of US Census data.

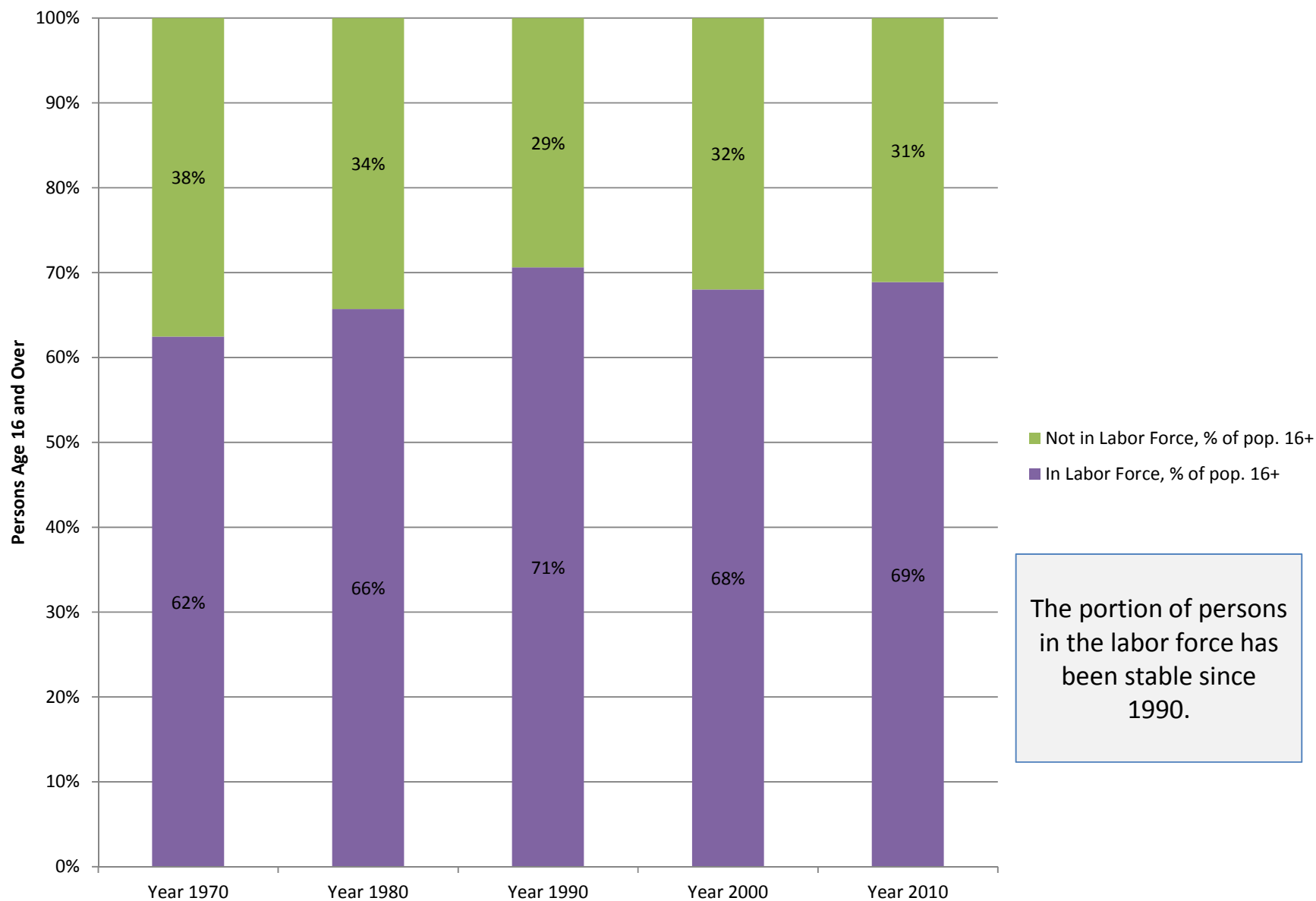


### Armed Forces & Civilians- HRTPO's Largest 11 Localities



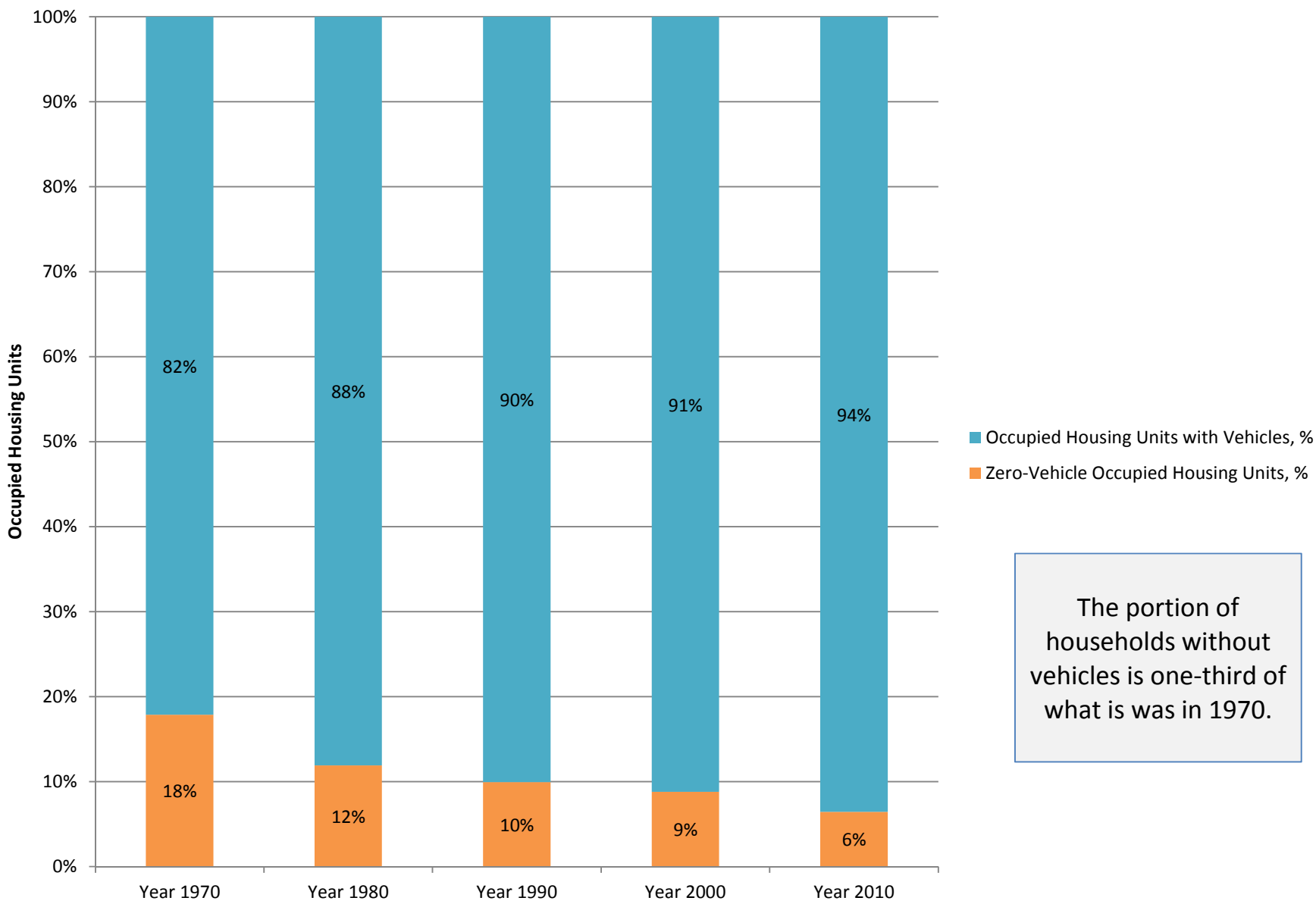
Data Source: HRTPO analysis of US Census data.

## Labor Force Participation- HRTPO's Largest 11 Localities



Data Source: HRTPO analysis of US Census data.

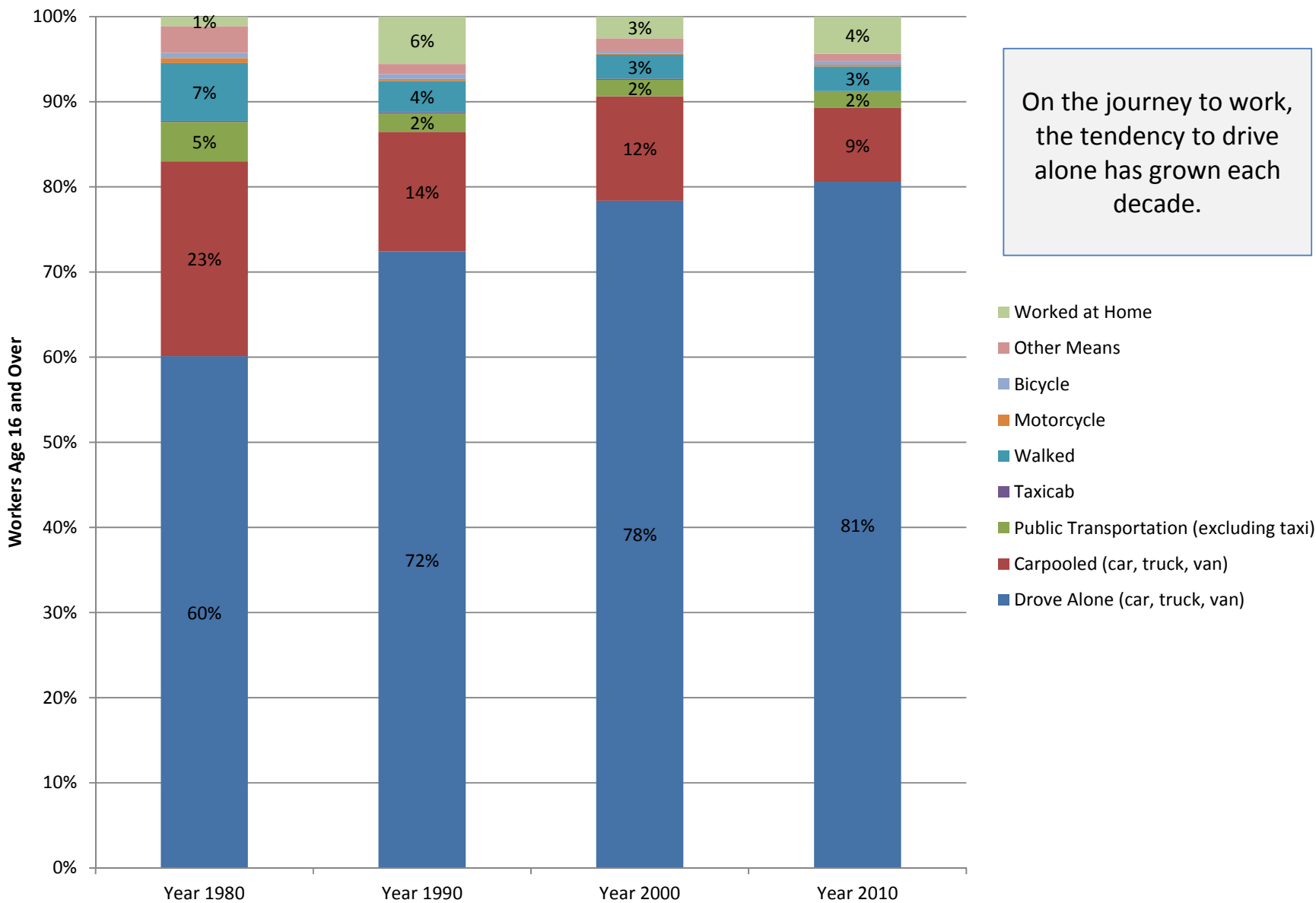
### Vehicles in Households- HRTPO's Largest 11 Localities



The portion of households without vehicles is one-third of what it was in 1970.

Data Source: HRTPO analysis of US Census data.

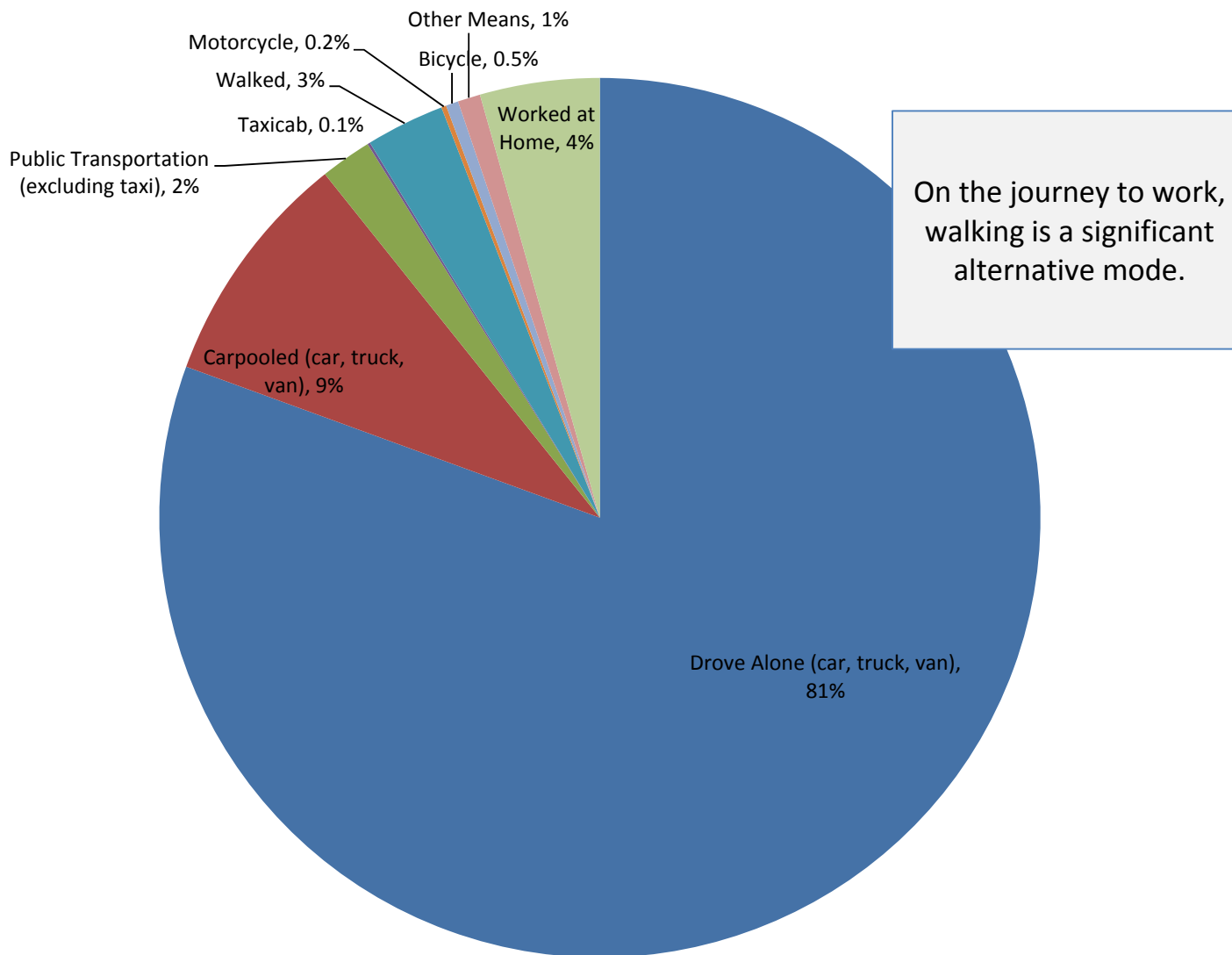
### Travel Mode to Work- HRTPO's 7 Largest Cities



On the journey to work, the tendency to drive alone has grown each decade.

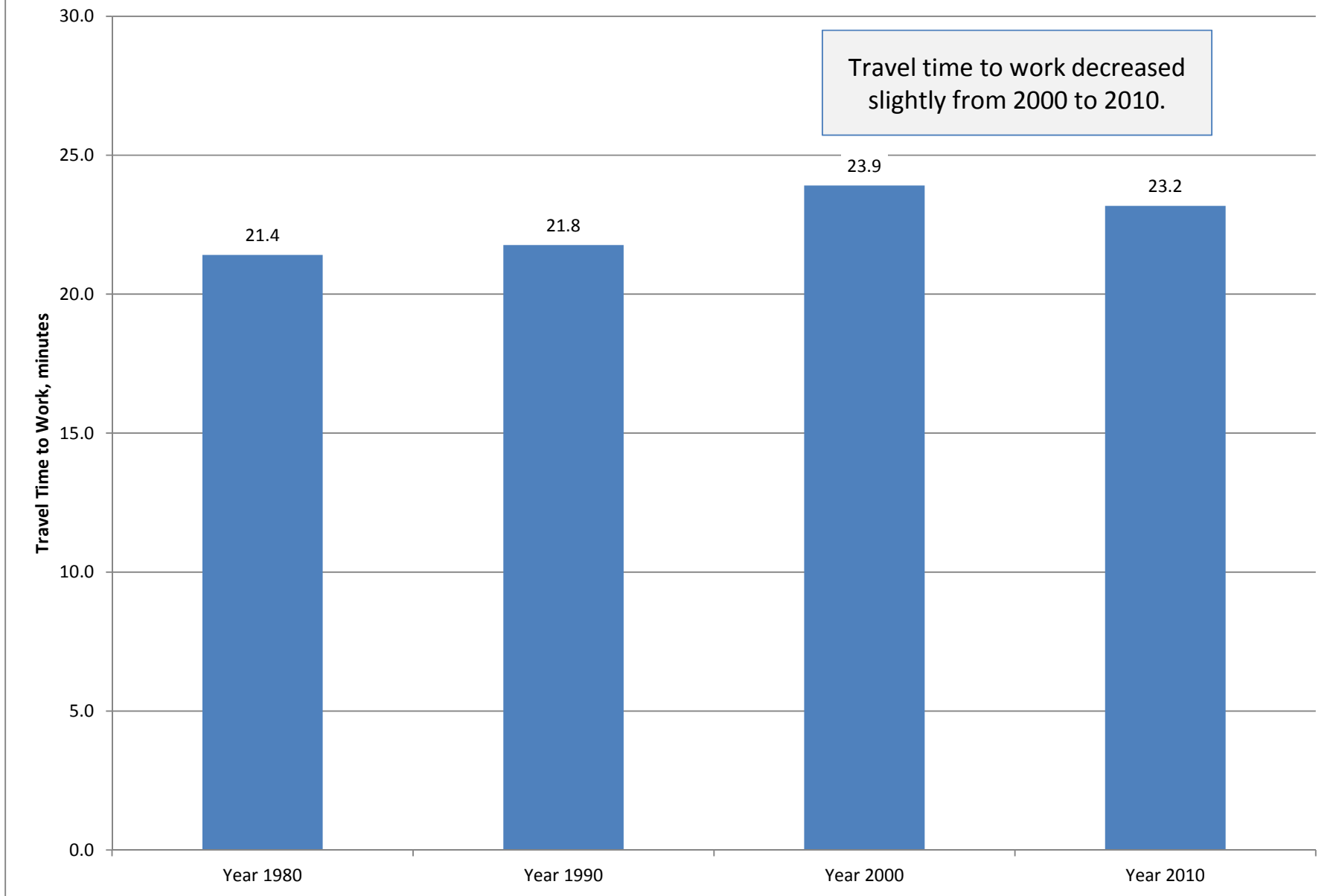
Data Source: HRTPO analysis of US Census data.

### Travel Mode to Work, Year 2010- HRTPO's 7 Largest Cities

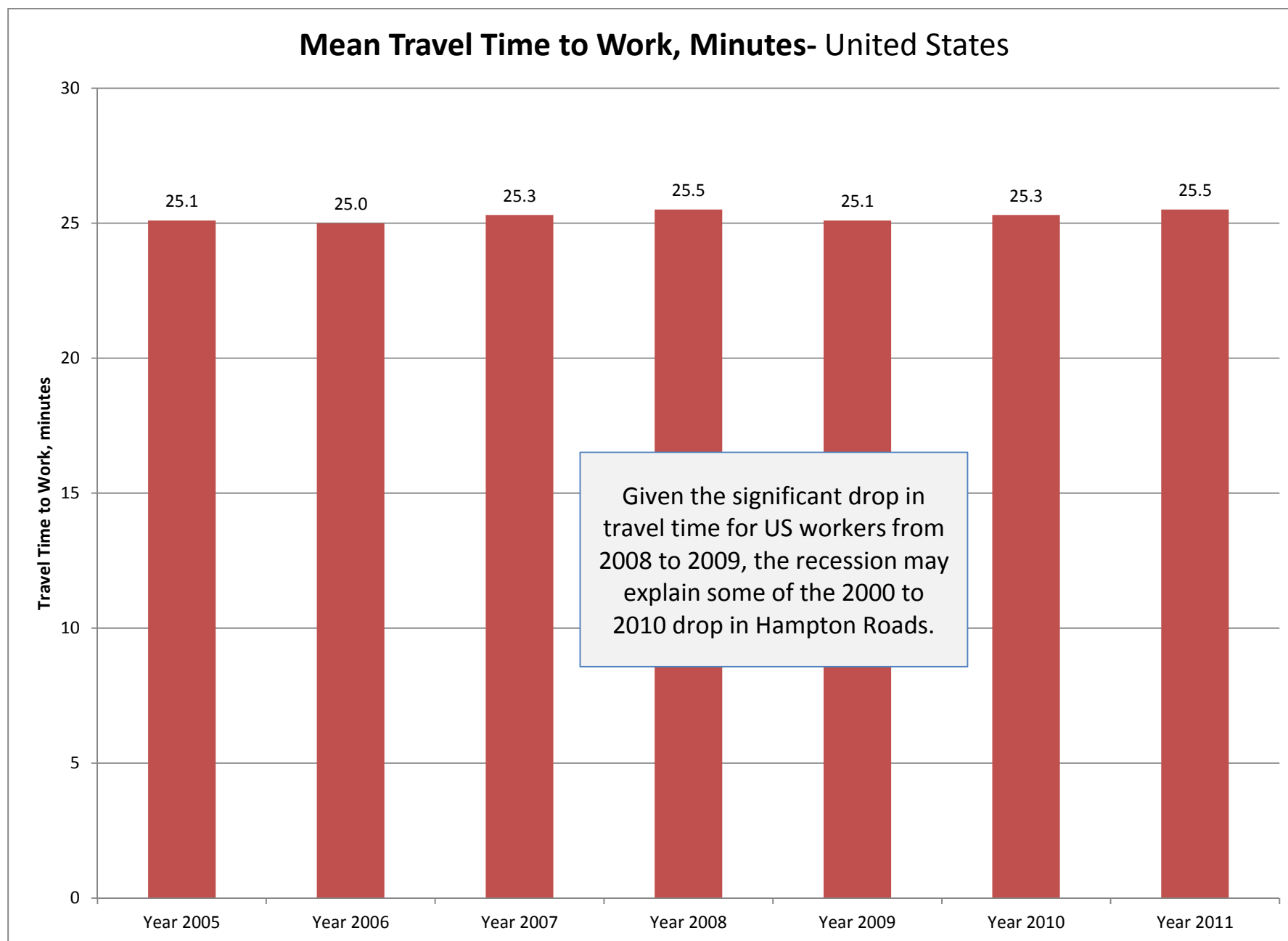


Data Source: HRTPO analysis of US Census data.

## Travel Time to Work, Minutes- HRTPO's Largest 11 Localities

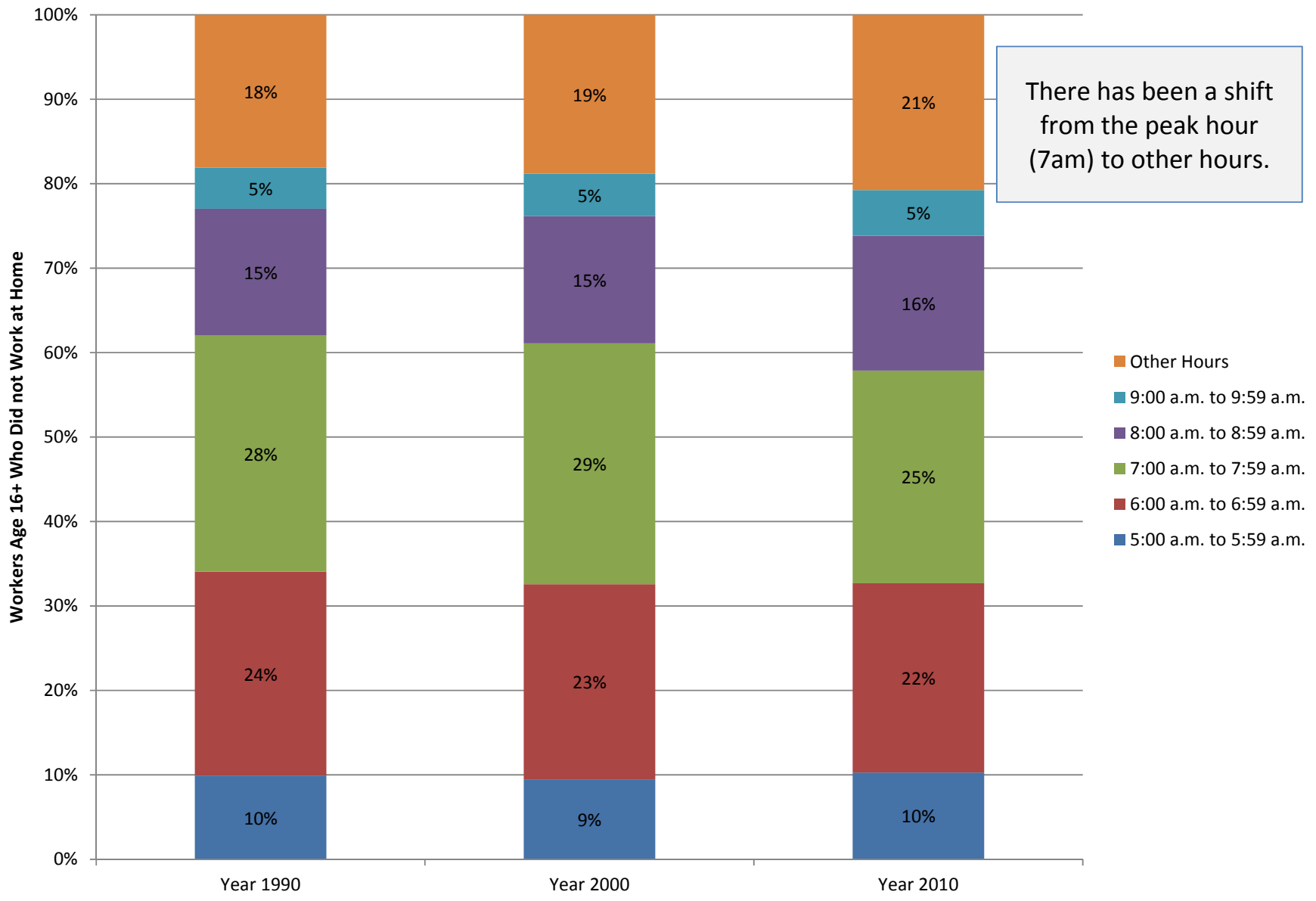


Data Source: HRTPO analysis of US Census data.



Data Source: HRTPO analysis of US Census data.

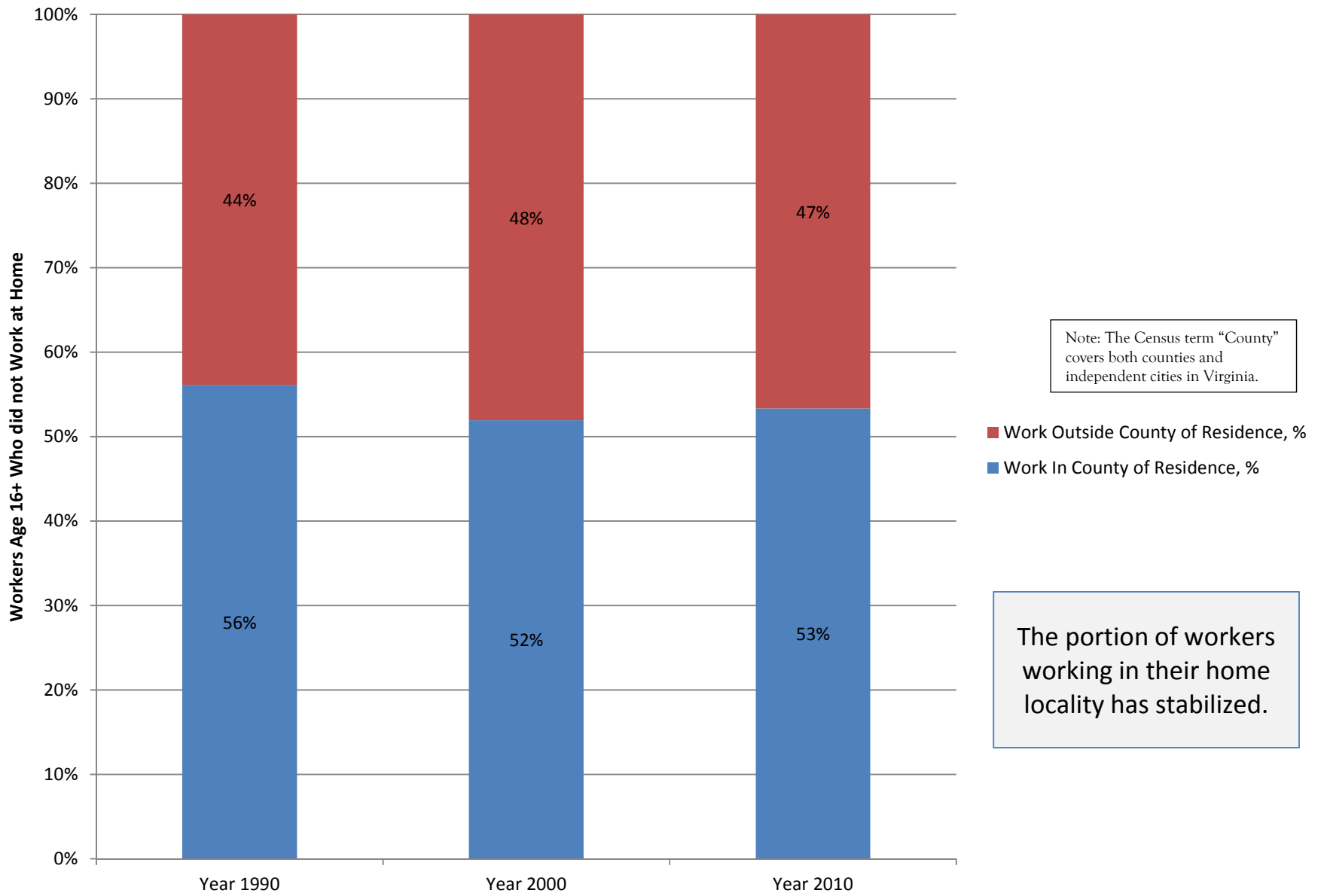
### Time Leaving for Work- HRTPO's Largest 11 Localities



Data Source: HRTPO analysis of US Census data.



### Place of Work- HRTPO's Largest 11 Localities



Data Source: HRTPO analysis of US Census data.

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## TRANSPORTATION RELATED CENSUS DATA- HAMPTON ROADS VS. OTHER LARGE METRO AREAS, 2010

In this section, data is presented for the Hampton Roads “Metropolitan Statistical Area” (MSA)—known as “Virginia Beach-Norfolk-Newport News, VA-NC Metro Area”—and comparison is made to other “large” MSAs having one to three million population.

The 2010 Hampton Roads MSA covers the following 16 localities:

1. Chesapeake
2. Currituck (NC)
3. Gloucester
4. Hampton
5. Isle of Wight
6. James City
7. Mathews
8. Newport News
9. Norfolk
10. Poquoson
11. Portsmouth
12. Suffolk
13. Surry
14. Virginia Beach
15. Williamsburg
16. York

Following each data set, portions of that data are presented in charts.

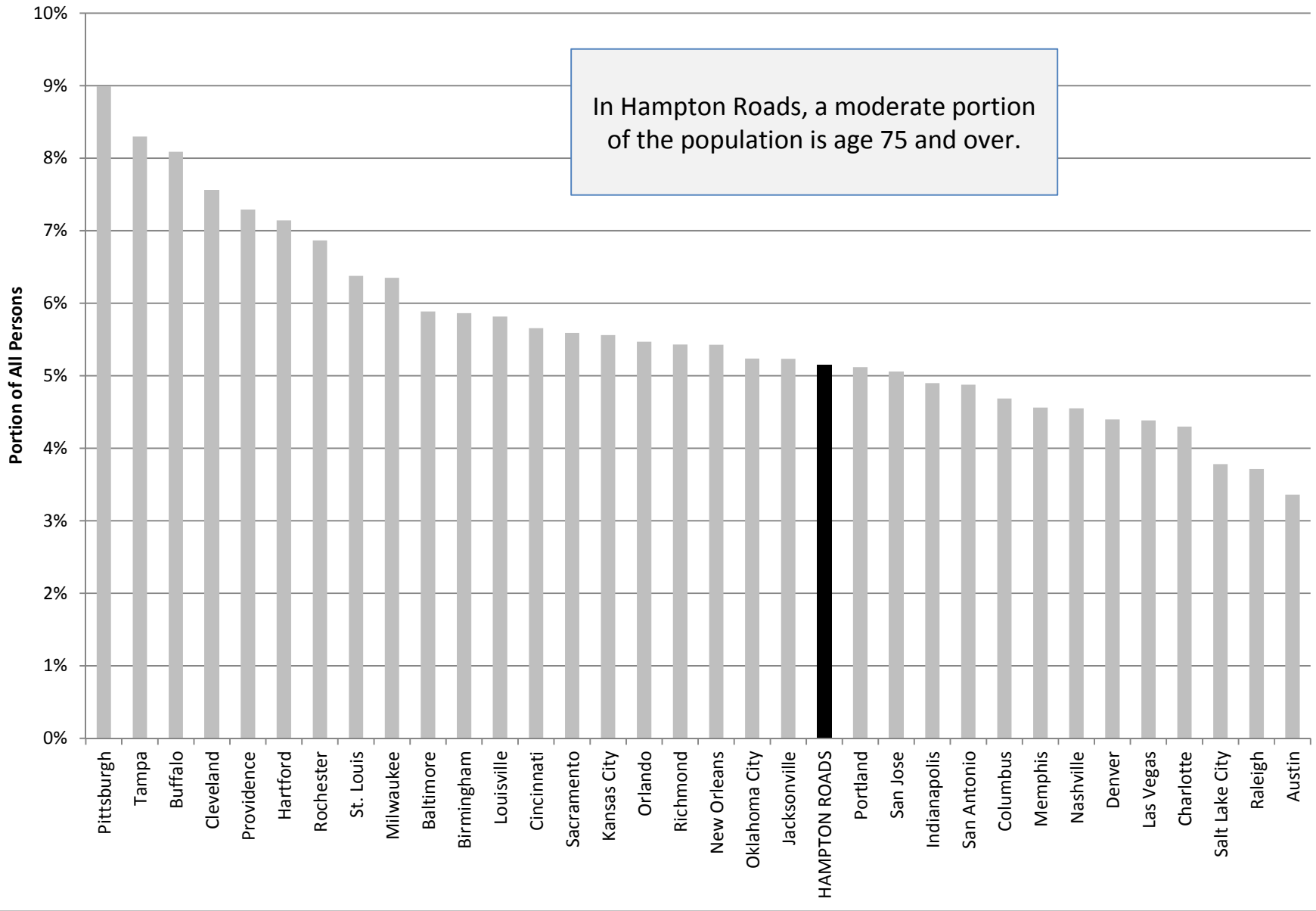
## Age Groups, Large MSAs (pop. 1-3 million), 2010 (100% Enumeration)

Source: HRTPO analysis of US Census data

Source file: DEC\_10\_SF1\_QTP1.xlsx

| Large MSAs           | Population,<br>2010 | Ages 0<br>thru 17 | Ages 18<br>thru 64 | Ages 65<br>thru 74 | Ages 75<br>and Over | Ages 0<br>thru 17 | Ages 18<br>thru 64 | Ages 65<br>thru 74 | Ages 75<br>and Over |
|----------------------|---------------------|-------------------|--------------------|--------------------|---------------------|-------------------|--------------------|--------------------|---------------------|
| Austin               | 1,716,289           | 434,760           | 1,142,793          | 81,072             | 57,664              | 25%               | 67%                | 5%                 | 3%                  |
| Baltimore            | 2,710,489           | 623,056           | 1,744,922          | 183,047            | 159,464             | 23%               | 64%                | 7%                 | 6%                  |
| Birmingham           | 1,128,047           | 269,690           | 712,218            | 80,025             | 66,114              | 24%               | 63%                | 7%                 | 6%                  |
| Buffalo              | 1,135,509           | 245,434           | 711,323            | 86,918             | 91,834              | 22%               | 63%                | 8%                 | 8%                  |
| Charlotte            | 1,758,038           | 455,950           | 1,124,638          | 101,863            | 75,587              | 26%               | 64%                | 6%                 | 4%                  |
| Cincinnati           | 2,130,151           | 531,378           | 1,338,594          | 139,716            | 120,463             | 25%               | 63%                | 7%                 | 6%                  |
| Cleveland            | 2,077,240           | 481,344           | 1,280,184          | 158,767            | 156,945             | 23%               | 62%                | 8%                 | 8%                  |
| Columbus             | 1,836,536           | 454,787           | 1,187,196          | 108,487            | 86,066              | 25%               | 65%                | 6%                 | 5%                  |
| Denver               | 2,543,482           | 634,459           | 1,653,467          | 143,753            | 111,803             | 25%               | 65%                | 6%                 | 4%                  |
| <b>HAMPTON ROADS</b> | <b>1,671,683</b>    | <b>394,289</b>    | <b>1,083,995</b>   | <b>107,339</b>     | <b>86,060</b>       | <b>24%</b>        | <b>65%</b>         | <b>6%</b>          | <b>5%</b>           |
| Hartford             | 1,212,381           | 270,025           | 768,396            | 87,398             | 86,562              | 22%               | 63%                | 7%                 | 7%                  |
| Indianapolis         | 1,756,241           | 459,847           | 1,105,421          | 104,950            | 86,023              | 26%               | 63%                | 6%                 | 5%                  |
| Jacksonville         | 1,345,596           | 320,501           | 861,977            | 92,700             | 70,418              | 24%               | 64%                | 7%                 | 5%                  |
| Kansas City          | 2,035,334           | 521,860           | 1,269,850          | 130,423            | 113,201             | 26%               | 62%                | 6%                 | 6%                  |
| Las Vegas            | 1,951,269           | 488,618           | 1,242,206          | 134,903            | 85,542              | 25%               | 64%                | 7%                 | 4%                  |
| Louisville           | 1,283,566           | 307,811           | 811,597            | 89,522             | 74,636              | 24%               | 63%                | 7%                 | 6%                  |
| Memphis              | 1,316,100           | 350,064           | 827,197            | 78,820             | 60,019              | 27%               | 63%                | 6%                 | 5%                  |
| Milwaukee            | 1,555,908           | 382,936           | 977,140            | 97,043             | 98,789              | 25%               | 63%                | 6%                 | 6%                  |
| Nashville            | 1,589,934           | 387,964           | 1,031,967          | 97,643             | 72,360              | 24%               | 65%                | 6%                 | 5%                  |
| New Orleans          | 1,167,764           | 272,818           | 752,855            | 78,741             | 63,350              | 23%               | 64%                | 7%                 | 5%                  |
| Oklahoma City        | 1,252,987           | 312,969           | 792,635            | 81,770             | 65,613              | 25%               | 63%                | 7%                 | 5%                  |
| Orlando              | 2,134,411           | 499,485           | 1,371,849          | 146,369            | 116,708             | 23%               | 64%                | 7%                 | 5%                  |
| Pittsburgh           | 2,356,285           | 474,971           | 1,474,232          | 195,259            | 211,823             | 20%               | 63%                | 8%                 | 9%                  |
| Portland             | 2,226,009           | 527,233           | 1,446,558          | 138,275            | 113,943             | 24%               | 65%                | 6%                 | 5%                  |
| Providence           | 1,600,852           | 346,365           | 1,024,727          | 113,034            | 116,726             | 22%               | 64%                | 7%                 | 7%                  |
| Raleigh              | 1,130,490           | 296,445           | 732,559            | 59,542             | 41,944              | 26%               | 65%                | 5%                 | 4%                  |
| Richmond             | 1,258,251           | 293,568           | 811,824            | 84,564             | 68,295              | 23%               | 65%                | 7%                 | 5%                  |
| Rochester            | 1,054,323           | 238,055           | 667,536            | 76,336             | 72,396              | 23%               | 63%                | 7%                 | 7%                  |
| Sacramento           | 2,149,127           | 534,944           | 1,355,775          | 138,292            | 120,116             | 25%               | 63%                | 6%                 | 6%                  |
| Salt Lake City       | 1,124,197           | 330,869           | 696,814            | 54,004             | 42,510              | 29%               | 62%                | 5%                 | 4%                  |
| San Antonio          | 2,142,508           | 575,570           | 1,331,872          | 130,583            | 104,483             | 27%               | 62%                | 6%                 | 5%                  |
| San Jose             | 1,836,911           | 445,611           | 1,188,996          | 109,499            | 92,805              | 24%               | 65%                | 6%                 | 5%                  |
| St. Louis            | 2,812,896           | 670,844           | 1,766,945          | 195,717            | 179,390             | 24%               | 63%                | 7%                 | 6%                  |
| Tampa                | 2,783,243           | 589,827           | 1,713,312          | 249,169            | 230,935             | 21%               | 62%                | 9%                 | 8%                  |

### Age 75 and Over- MSAs w/ 1-3m pop., 2010 (3 Yr Sample: 2009-2011)



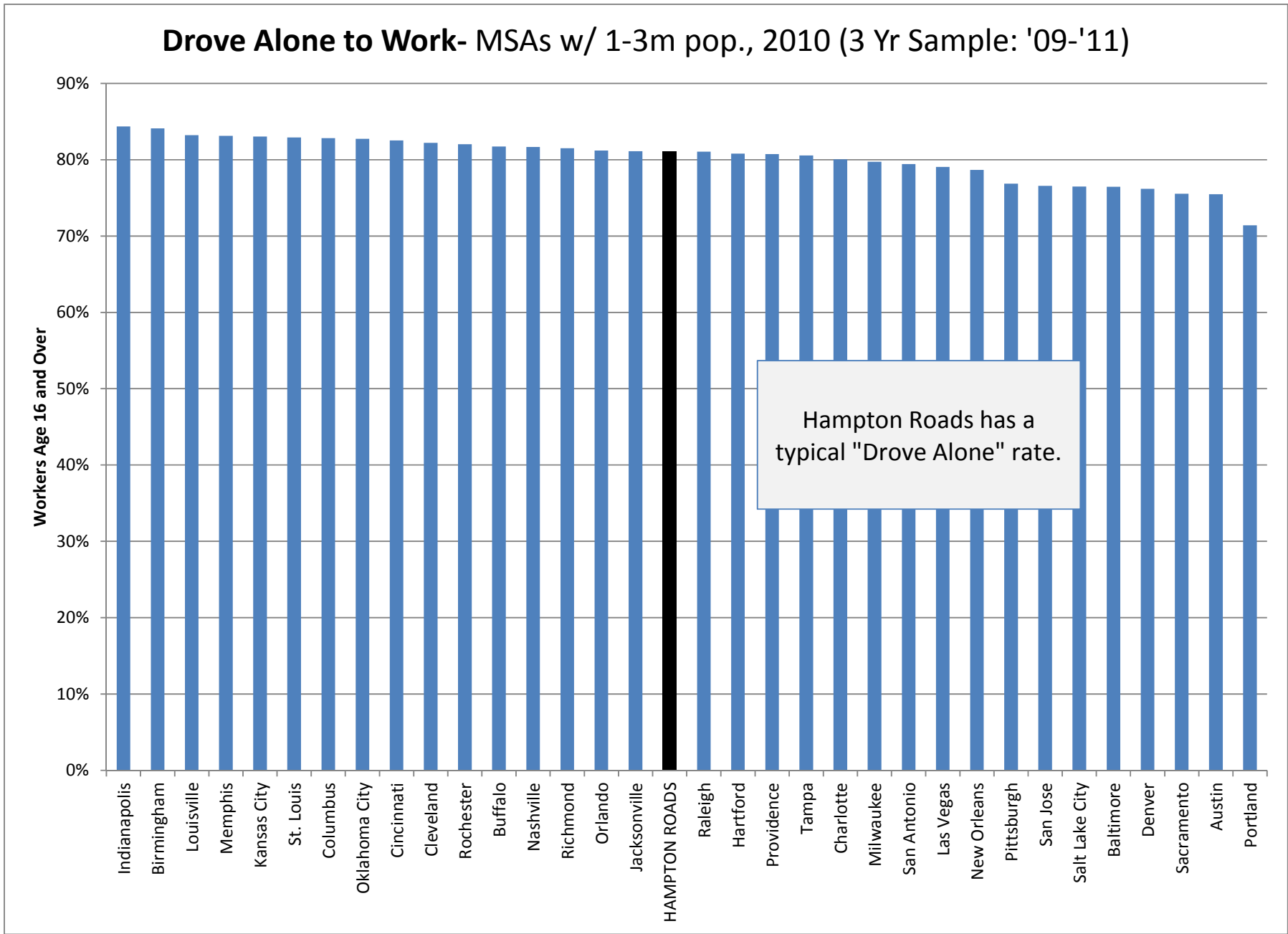
Data Source: HRTPO analysis of US Census data.

## Travel Mode to Work, Large MSAs (pop. 1-3 million), 2010 (3 Year Sample: 2009-2011)

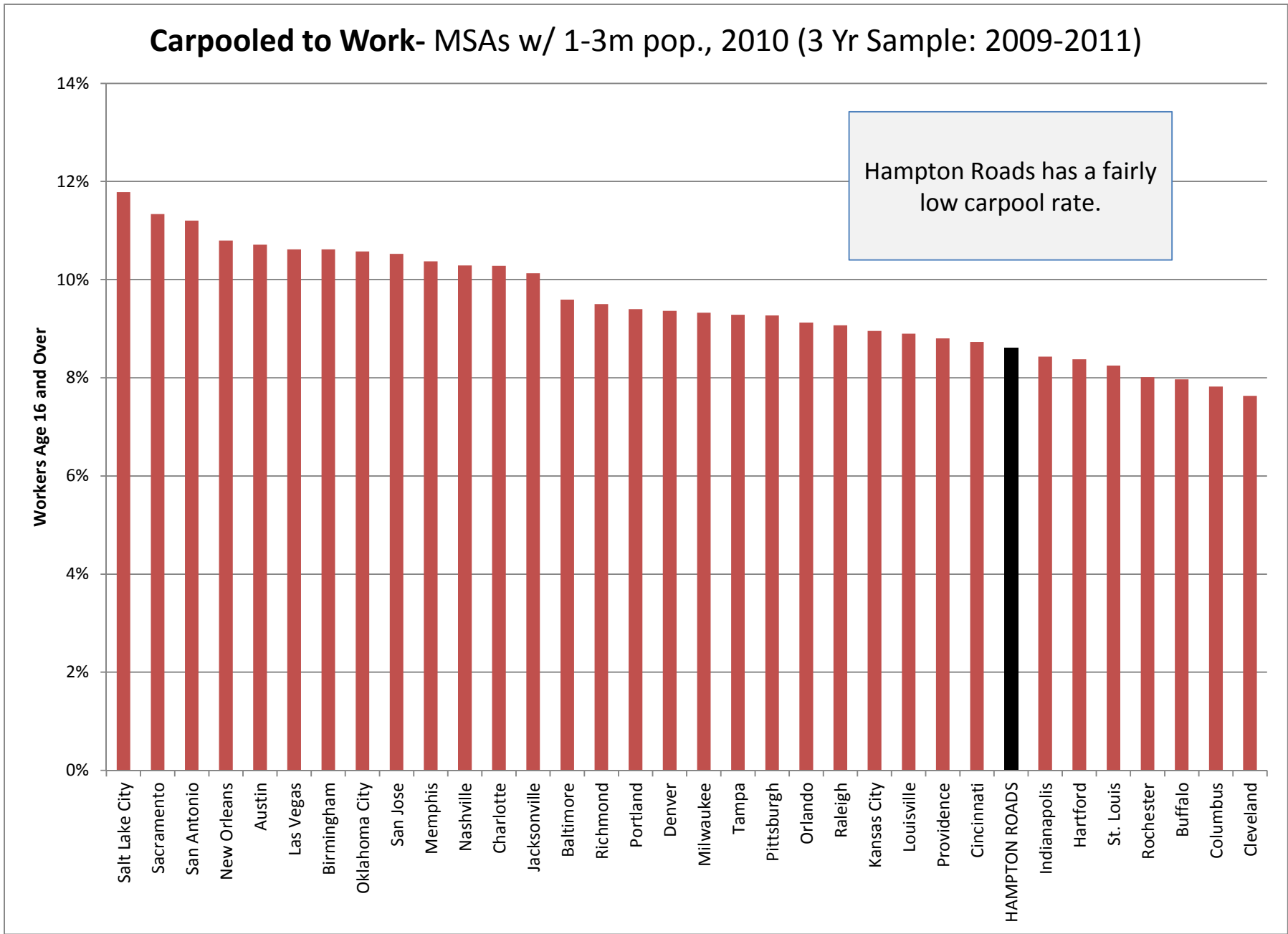
Source: HRTPO analysis of US Census data

Source file: ACS\_11\_3YR\_B08301.xlsx

| Large MSAs           | Population,<br>2010 | Drove<br>Alone<br>(car,<br>truck,<br>van) | Carpool-<br>ed (car,<br>truck,<br>van) | Public<br>Trans-<br>portation<br>(exclud-<br>ing taxi) | Taxicab      | Walked    | Motor-<br>cycle | Bicycle     | Other<br>Means | Worked<br>at Home |
|----------------------|---------------------|---|--|--|--------------|-----------|-----------------|-------------|----------------|-------------------|
| Austin               | 1,716,289           | 75%                                       | 11%                                    | 2%   | 0.06%        | 2%        | 0.3%            | 0.8%        | 2%             | 7%                |
| Baltimore            | 2,710,489           | 76%                                       | 10%                                    | 6%   | 0.19%        | 3%        | 0.1%            | 0.3%        | 1%             | 4%                |
| Birmingham           | 1,128,047           | 84%                                       | 11%                                    | 1%   | 0.03%        | 1%        | 0.1%            | 0.1%        | 0%             | 3%                |
| Buffalo              | 1,135,509           | 82%                                       | 8%                                     | 4%   | 0.08%        | 3%        | 0.1%            | 0.3%        | 1%             | 2%                |
| Charlotte            | 1,758,038           | 80%                                       | 10%                                    | 2%   | 0.03%        | 2%        | 0.1%            | 0.1%        | 1%             | 5%                |
| Cincinnati           | 2,130,151           | 83%                                       | 9%                                     | 2%   | 0.07%        | 2%        | 0.1%            | 0.1%        | 0%             | 4%                |
| Cleveland            | 2,077,240           | 82%                                       | 8%                                     | 4%   | 0.07%        | 2%        | 0.1%            | 0.3%        | 1%             | 3%                |
| Columbus             | 1,836,536           | 83%                                       | 8%                                     | 2%   | 0.10%        | 2%        | 0.1%            | 0.4%        | 1%             | 4%                |
| Denver               | 2,543,482           | 76%                                       | 9%                                     | 4%   | 0.04%        | 2%        | 0.2%            | 0.8%        | 1%             | 6%                |
| <b>HAMPTON ROADS</b> | <b>1,671,683</b>    | <b>81%</b>                                | <b>9%</b>                              | <b>2%</b>  | <b>0.09%</b> | <b>3%</b> | <b>0.2%</b>     | <b>0.4%</b> | <b>1%</b>      | <b>4%</b>         |
| Hartford             | 1,212,381           | 81%                                       | 8%                                     | 3%   | 0.06%        | 3%        | 0.1%            | 0.3%        | 1%             | 4%                |
| Indianapolis         | 1,756,241           | 84%                                       | 8%                                     | 1%   | 0.03%        | 2%        | 0.1%            | 0.3%        | 1%             | 4%                |
| Jacksonville         | 1,345,596           | 81%                                       | 10%                                    | 1%   | 0.15%        | 1%        | 0.4%            | 0.5%        | 1%             | 4%                |
| Kansas City          | 2,035,334           | 83%                                       | 9%                                     | 1%   | 0.05%        | 1%        | 0.2%            | 0.2%        | 1%             | 4%                |
| Las Vegas            | 1,951,269           | 79%                                       | 11%                                    | 4%   | 0.02%        | 2%        | 0.4%            | 0.4%        | 1%             | 3%                |
| Louisville           | 1,283,566           | 83%                                       | 9%                                     | 2%   | 0.02%        | 2%        | 0.1%            | 0.2%        | 1%             | 3%                |
| Memphis              | 1,316,100           | 83%                                       | 10%                                    | 1%   | 0.06%        | 1%        | 0.1%            | 0.1%        | 1%             | 3%                |
| Milwaukee            | 1,555,908           | 80%                                       | 9%                                     | 4%   | 0.09%        | 3%        | 0.3%            | 0.4%        | 0%             | 3%                |
| Nashville            | 1,589,934           | 82%                                       | 10%                                    | 1%   | 0.05%        | 1%        | 0.2%            | 0.2%        | 1%             | 5%                |
| New Orleans          | 1,167,764           | 79%                                       | 11%                                    | 3%   | 0.24%        | 3%        | 0.2%            | 0.9%        | 1%             | 3%                |
| Oklahoma City        | 1,252,987           | 83%                                       | 11%                                    | 0%   | 0.07%        | 2%        | 0.3%            | 0.3%        | 1%             | 3%                |
| Orlando              | 2,134,411           | 81%                                       | 9%                                     | 2%   | 0.04%        | 1%        | 0.4%            | 0.4%        | 1%             | 4%                |
| Pittsburgh           | 2,356,285           | 77%                                       | 9%                                     | 6%   | 0.06%        | 4%        | 0.1%            | 0.3%        | 1%             | 3%                |
| Portland             | 2,226,009           | 71%                                       | 9%                                     | 6%   | 0.01%        | 3%        | 0.3%            | 2.2%        | 1%             | 6%                |
| Providence           | 1,600,852           | 81%                                       | 9%                                     | 3%   | 0.09%        | 3%        | 0.1%            | 0.3%        | 1%             | 3%                |
| Raleigh              | 1,130,490           | 81%                                       | 9%                                     | 1%   | 0.21%        | 1%        | 0.1%            | 0.3%        | 1%             | 6%                |
| Richmond             | 1,258,251           | 82%                                       | 10%                                    | 2%   | 0.06%        | 1%        | 0.1%            | 0.4%        | 1%             | 5%                |
| Rochester            | 1,054,323           | 82%                                       | 8%                                     | 2%   | 0.04%        | 4%        | 0.1%            | 0.4%        | 1%             | 3%                |
| Sacramento           | 2,149,127           | 76%                                       | 11%                                    | 3%   | 0.05%        | 2%        | 0.3%            | 1.7%        | 1%             | 6%                |
| Salt Lake City       | 1,124,197           | 76%                                       | 12%                                    | 3%   | 0.04%        | 2%        | 0.4%            | 0.7%        | 1%             | 4%                |
| San Antonio          | 2,142,508           | 79%                                       | 11%                                    | 2%   | 0.07%        | 2%        | 0.2%            | 0.2%        | 1%             | 4%                |
| San Jose             | 1,836,911           | 77%                                       | 11%                                    | 3%   | 0.02%        | 2%        | 0.3%            | 1.6%        | 1%             | 5%                |
| St. Louis            | 2,812,896           | 83%                                       | 8%                                     | 3%   | 0.06%        | 2%        | 0.2%            | 0.2%        | 1%             | 4%                |
| Tampa                | 2,783,243           | 81%                                       | 9%                                     | 1%   | 0.11%        | 1%        | 0.3%            | 0.7%        | 1%             | 5%                |

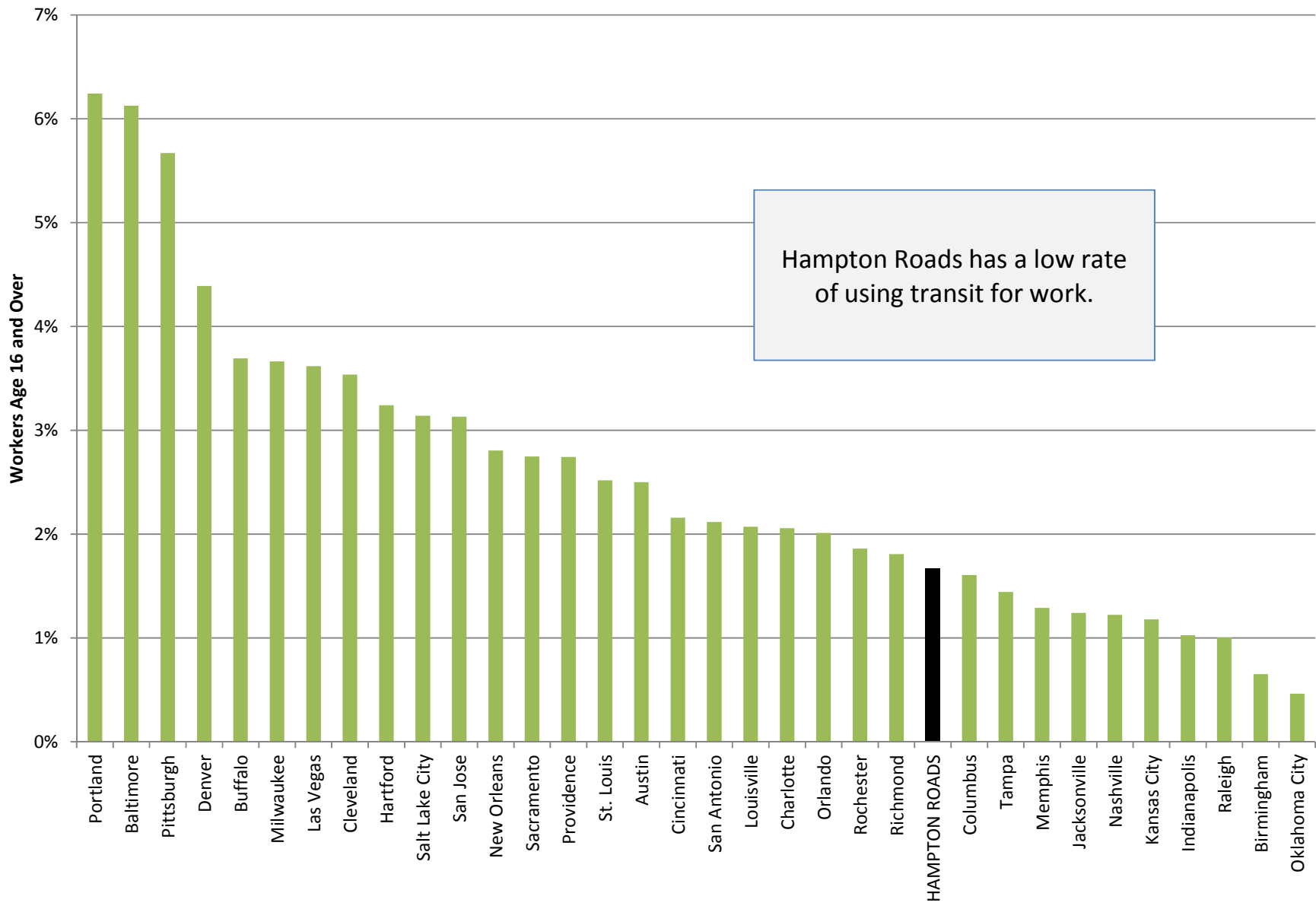


Data Source: HRTPO analysis of US Census data.



Data Source: HRTPO analysis of US Census data.

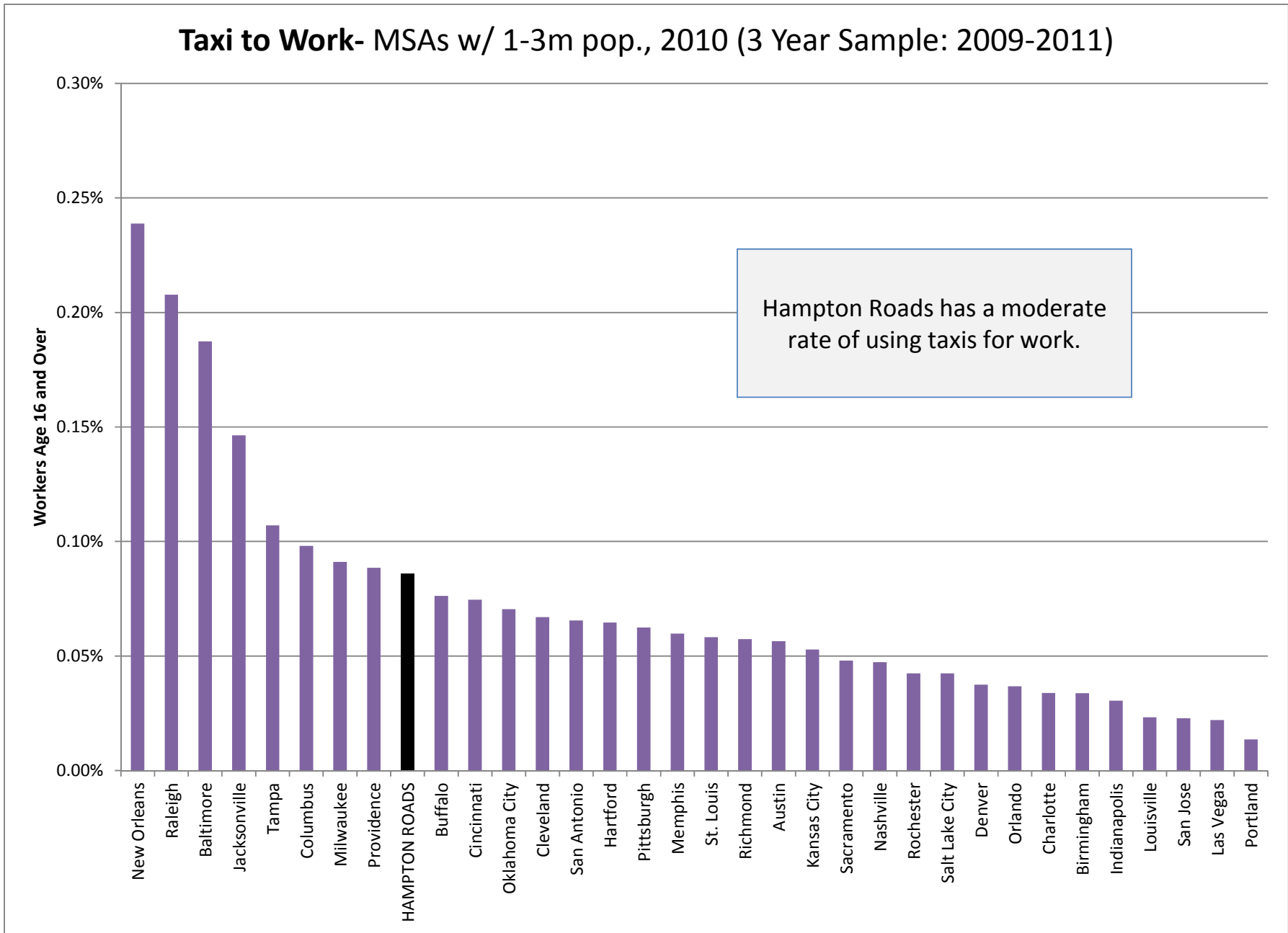
### Public Transit to Work- MSAs w/ 1-3m pop., 2010 (3 Yr Sample: '09-'11)



Hampton Roads has a low rate of using transit for work.

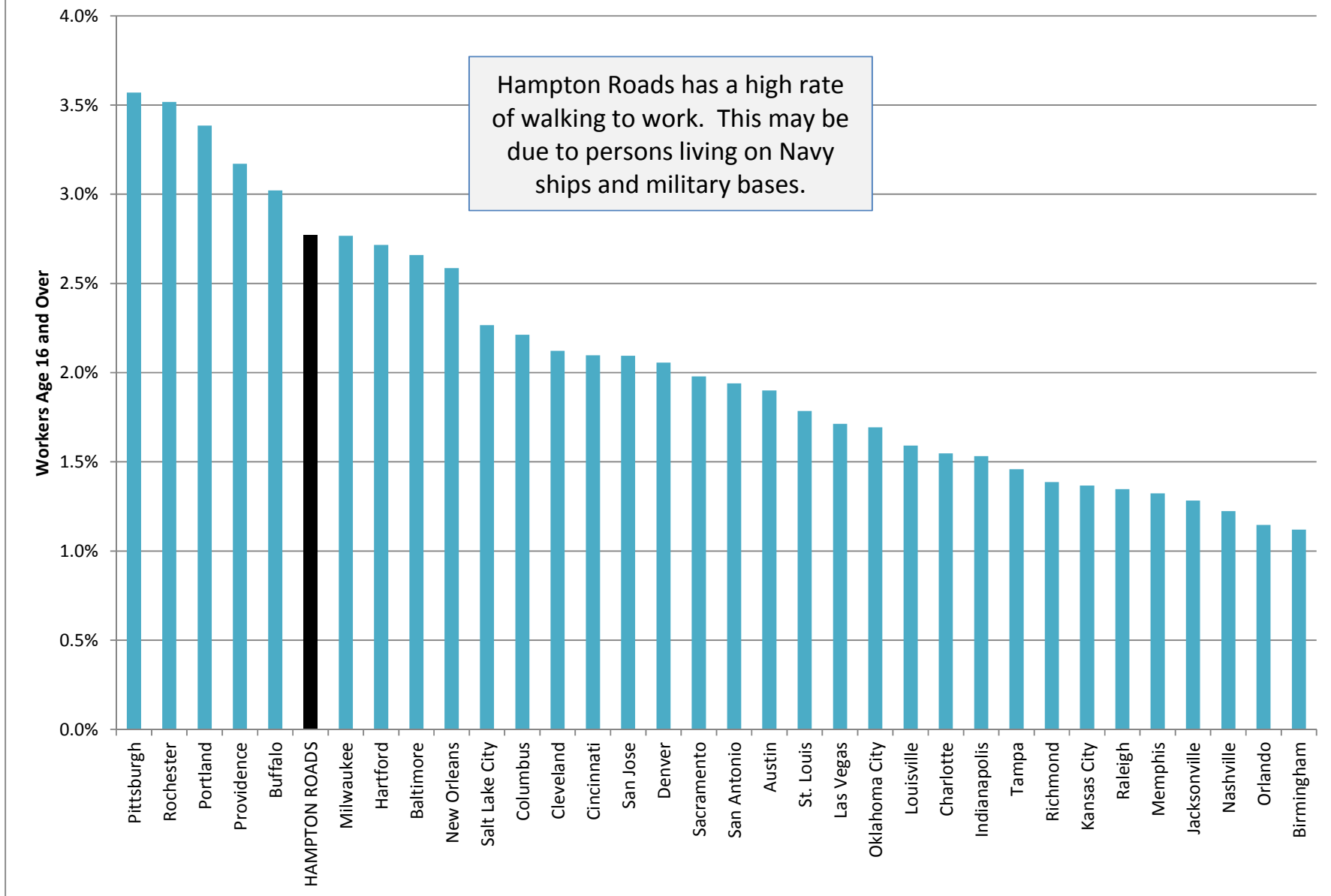
Data Source: HRTPO analysis of US Census data.





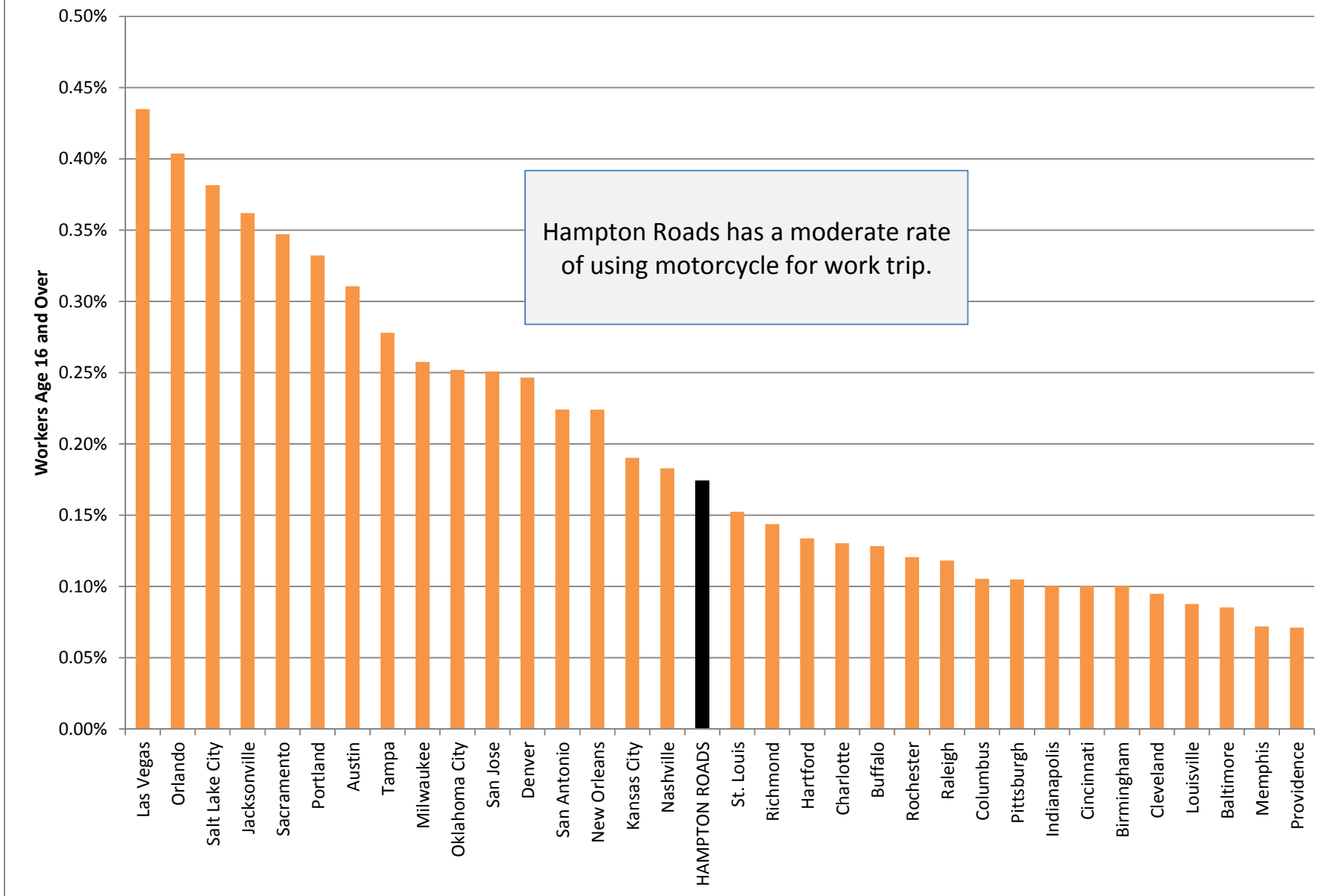
Data Source: HRTPO analysis of US Census data.

## Walk to Work- MSAs w/ 1-3m pop., 2010 (3 Year Sample: 2009-2011)

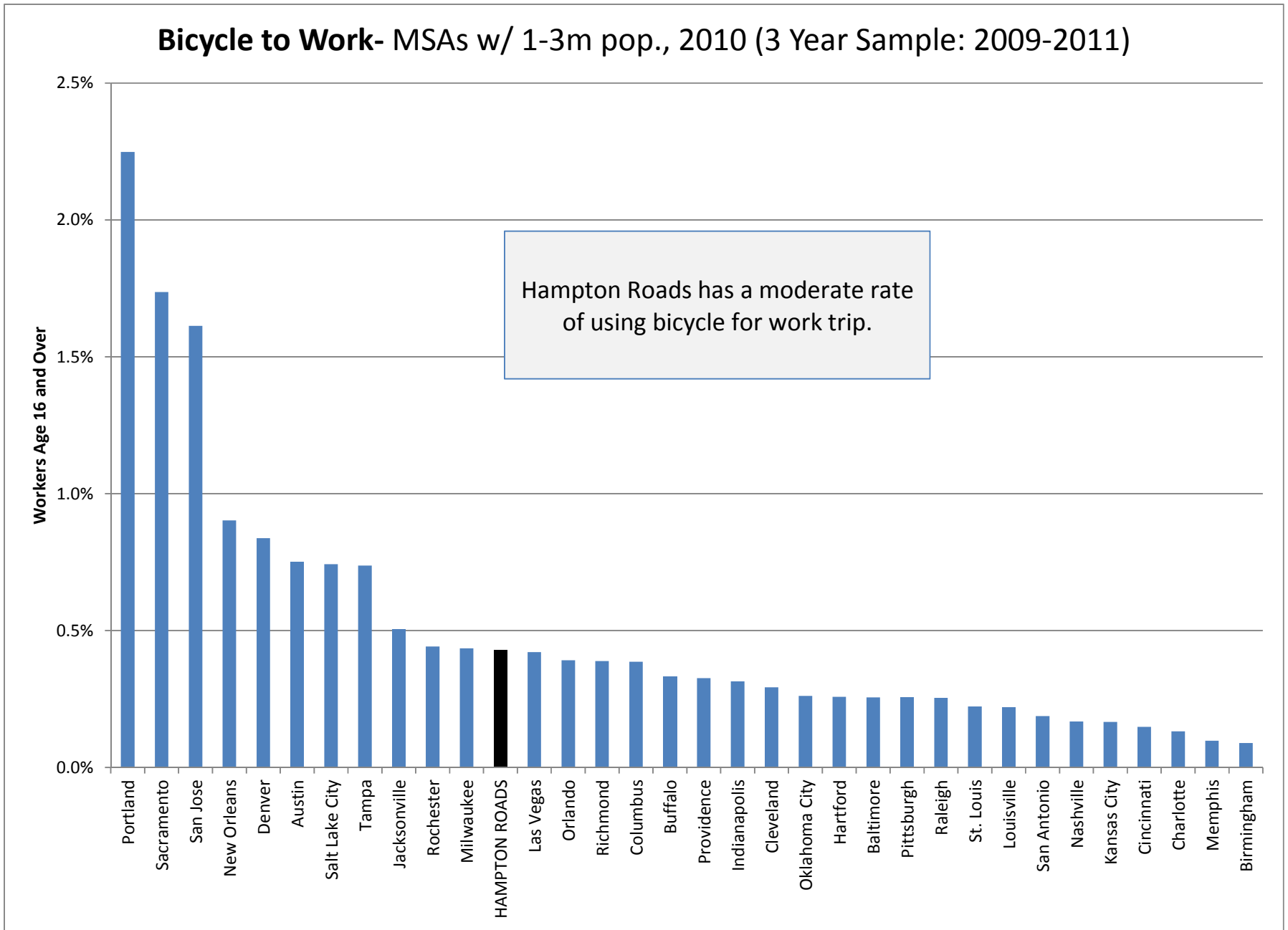


Data Source: HRTPO analysis of US Census data.

## Motorcycle to Work- MSAs w/ 1-3m pop., 2010 (3 Yr Sample: 2009-2011)

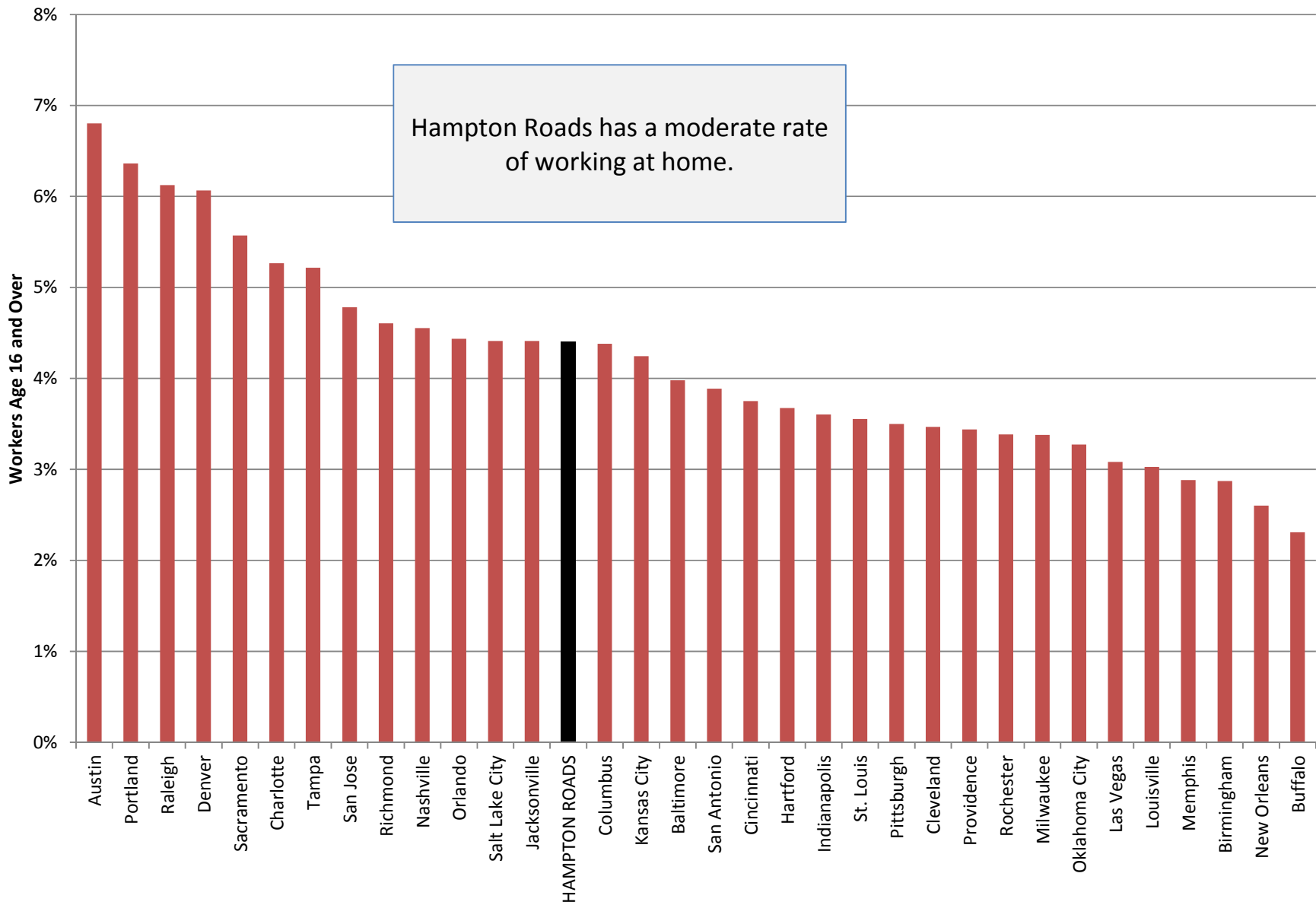


Data Source: HRTPO analysis of US Census data.



Data Source: HRTPO analysis of US Census data.

### Worked at Home- MSAs w/ 1-3m pop., 2010 (3 Year Sample: 2009-2011)



Data Source: HRTPO analysis of US Census data.

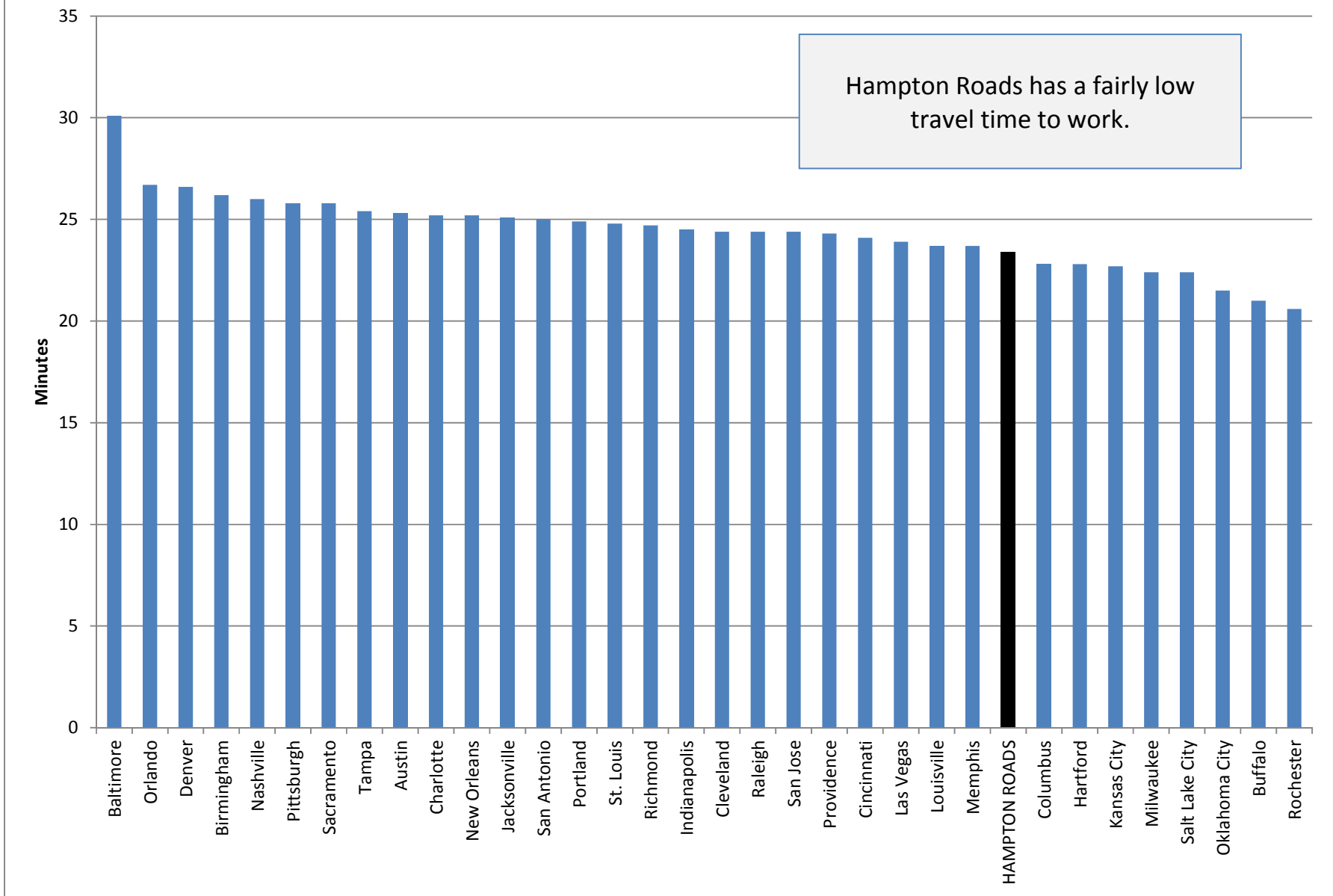
## Travel Time to Work, Large MSAs (pop. 1-3 million), 2010 (3 Year Sample: 2009-2011)

Source: HRTPO analysis of US Census data

Source file: ACS\_11\_3YR\_DP03.xlsx

| Large MSAs           | Population,<br>2010 | Travel<br>Time to<br>Work,<br>minutes |
|----------------------|---------------------|---------------------------------------|
| Austin               | 1,716,289           | 25.3                                  |
| Baltimore            | 2,710,489           | 30.1                                  |
| Birmingham           | 1,128,047           | 26.2                                  |
| Buffalo              | 1,135,509           | 21.0                                  |
| Charlotte            | 1,758,038           | 25.2                                  |
| Cincinnati           | 2,130,151           | 24.1                                  |
| Cleveland            | 2,077,240           | 24.4                                  |
| Columbus             | 1,836,536           | 22.8                                  |
| Denver               | 2,543,482           | 26.6                                  |
| <b>HAMPTON ROADS</b> | <b>1,671,683</b>    | <b>23.4</b>                           |
| Hartford             | 1,212,381           | 22.8                                  |
| Indianapolis         | 1,756,241           | 24.5                                  |
| Jacksonville         | 1,345,596           | 25.1                                  |
| Kansas City          | 2,035,334           | 22.7                                  |
| Las Vegas            | 1,951,269           | 23.9                                  |
| Louisville           | 1,283,566           | 23.7                                  |
| Memphis              | 1,316,100           | 23.7                                  |
| Milwaukee            | 1,555,908           | 22.4                                  |
| Nashville            | 1,589,934           | 26.0                                  |
| New Orleans          | 1,167,764           | 25.2                                  |
| Oklahoma City        | 1,252,987           | 21.5                                  |
| Orlando              | 2,134,411           | 26.7                                  |
| Pittsburgh           | 2,356,285           | 25.8                                  |
| Portland             | 2,226,009           | 24.9                                  |
| Providence           | 1,600,852           | 24.3                                  |
| Raleigh              | 1,130,490           | 24.4                                  |
| Richmond             | 1,258,251           | 24.7                                  |
| Rochester            | 1,054,323           | 20.6                                  |
| Sacramento           | 2,149,127           | 25.8                                  |
| Salt Lake City       | 1,124,197           | 22.4                                  |
| San Antonio          | 2,142,508           | 25.0                                  |
| San Jose             | 1,836,911           | 24.4                                  |
| St. Louis            | 2,812,896           | 24.8                                  |
| Tampa                | 2,783,243           | 25.4                                  |

### Travel Time to Work- MSAs w/ 1-3m pop., 2010 (3 Yr Sample: 2009-2011)



Data Source: HRTPO analysis of US Census data.

## Vehicles in Households, Large MSAs (pop. 1-3 million), 2010 (3 Year Sample: 2009-2011)

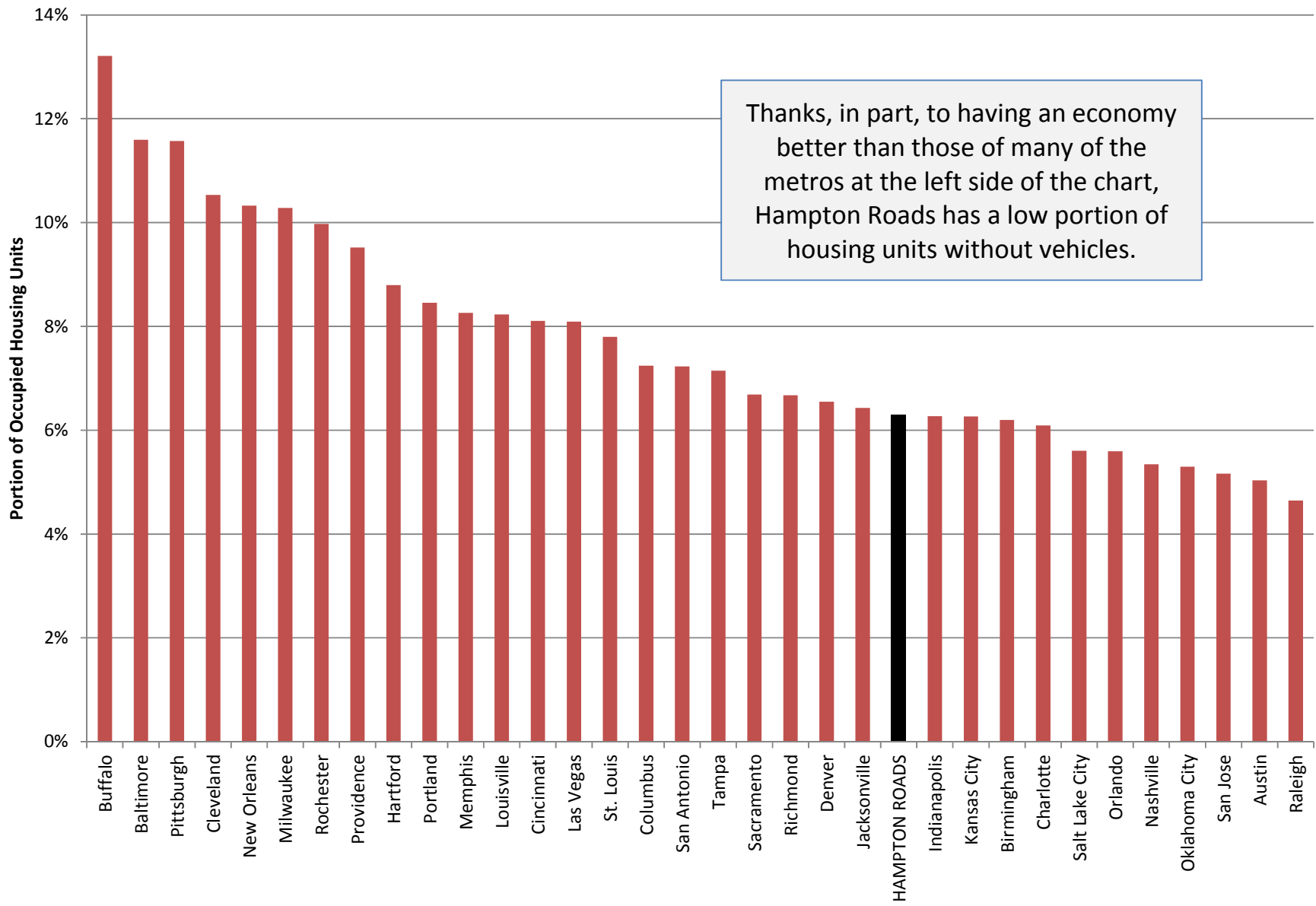
Source: HRTPO analysis of US Census data

Source file: ACS\_11\_3YR\_DP04.xlsx

| Large MSAs           | Population,<br>2010 | Occupied Housing Units with |               |   |  | Zero-Occupied Housing Units with            |                             |                                      |
|----------------------|---------------------|-----------------------------|---------------|---|--|---|-----------------------------|--------------------------------------|
|                      |                     | Occupied Housing Units      | Zero Vehicles | Occupied Housing Units with One Vehicle | Occupied Housing Units with Two Vehicles | Occupied Housing Units with Three+ Vehicles | Zero-Occupied Housing Units | Occupied Housing Units with Vehicles |
| Austin               | 1,716,289           | 649,827                     | 32,709        | 232,392                                 | 276,496                                  | 108,230                                     | 5%                          | 95%                                  |
| Baltimore            | 2,710,489           | 1,022,038                   | 118,504       | 337,816                                 | 370,053                                  | 195,665                                     | 12%                         | 88%                                  |
| Birmingham           | 1,128,047           | 433,751                     | 26,874        | 142,328                                 | 164,308                                  | 100,241                                     | 6%                          | 94%                                  |
| Buffalo              | 1,135,509           | 466,224                     | 61,590        | 178,369                                 | 165,554                                  | 60,711                                      | 13%                         | 87%                                  |
| Charlotte            | 1,758,038           | 667,115                     | 40,641        | 225,249                                 | 272,783                                  | 128,442                                     | 6%                          | 94%                                  |
| Cincinnati           | 2,130,151           | 812,020                     | 65,828        | 258,961                                 | 314,317                                  | 172,914                                     | 8%                          | 92%                                  |
| Cleveland            | 2,077,240           | 844,591                     | 88,974        | 313,199                                 | 309,348                                  | 133,070                                     | 11%                         | 89%                                  |
| Columbus             | 1,836,536           | 709,639                     | 51,409        | 241,590                                 | 283,239                                  | 133,401                                     | 7%                          | 93%                                  |
| Denver               | 2,543,482           | 997,755                     | 65,338        | 335,066                                 | 392,960                                  | 204,391                                     | 7%                          | 93%                                  |
| <b>HAMPTON ROADS</b> | <b>1,671,683</b>    | <b>617,894</b>              | <b>38,924</b> | <b>195,727</b>                          | <b>240,545</b>                           | <b>142,698</b>                              | <b>6%</b>                   | <b>94%</b>                           |
| Hartford             | 1,212,381           | 469,280                     | 41,277        | 156,094                                 | 180,031                                  | 91,878                                      | 9%                          | 91%                                  |
| Indianapolis         | 1,756,241           | 669,827                     | 41,984        | 225,958                                 | 275,584                                  | 126,301                                     | 6%                          | 94%                                  |
| Jacksonville         | 1,345,596           | 505,800                     | 32,527        | 182,459                                 | 210,632                                  | 80,182                                      | 6%                          | 94%                                  |
| Kansas City          | 2,035,334           | 793,657                     | 49,736        | 261,633                                 | 317,617                                  | 164,671                                     | 6%                          | 94%                                  |
| Las Vegas            | 1,951,269           | 701,868                     | 56,802        | 271,237                                 | 267,090                                  | 106,739                                     | 8%                          | 92%                                  |
| Louisville           | 1,283,566           | 503,889                     | 41,474        | 170,313                                 | 190,033                                  | 102,069                                     | 8%                          | 92%                                  |
| Memphis              | 1,316,100           | 478,385                     | 39,520        | 176,326                                 | 175,378                                  | 87,161                                      | 8%                          | 92%                                  |
| Milwaukee            | 1,555,908           | 615,533                     | 63,285        | 223,631                                 | 233,045                                  | 95,572                                      | 10%                         | 90%                                  |
| Nashville            | 1,589,934           | 605,509                     | 32,351        | 193,813                                 | 245,569                                  | 133,776                                     | 5%                          | 95%                                  |
| New Orleans          | 1,167,764           | 454,532                     | 46,934        | 177,250                                 | 163,485                                  | 66,863                                      | 10%                         | 90%                                  |
| Oklahoma City        | 1,252,987           | 479,789                     | 25,422        | 163,380                                 | 192,823                                  | 98,164                                      | 5%                          | 95%                                  |
| Orlando              | 2,134,411           | 762,102                     | 42,646        | 287,992                                 | 315,678                                  | 115,786                                     | 6%                          | 94%                                  |
| Pittsburgh           | 2,356,285           | 986,270                     | 114,101       | 354,399                                 | 363,032                                  | 154,738                                     | 12%                         | 88%                                  |
| Portland             | 2,226,009           | 864,818                     | 73,125        | 284,922                                 | 335,665                                  | 171,106                                     | 8%                          | 92%                                  |
| Providence           | 1,600,852           | 619,939                     | 59,010        | 225,061                                 | 229,631                                  | 106,237                                     | 10%                         | 90%                                  |
| Raleigh              | 1,130,490           | 423,144                     | 19,662        | 135,663                                 | 179,903                                  | 87,916                                      | 5%                          | 95%                                  |
| Richmond             | 1,258,251           | 476,077                     | 31,776        | 147,391                                 | 177,385                                  | 119,525                                     | 7%                          | 93%                                  |
| Rochester            | 1,054,323           | 416,727                     | 41,565        | 147,604                                 | 160,490                                  | 67,068                                      | 10%                         | 90%                                  |
| Sacramento           | 2,149,127           | 781,039                     | 52,245        | 261,366                                 | 296,877                                  | 170,551                                     | 7%                          | 93%                                  |
| Salt Lake City       | 1,124,197           | 372,260                     | 20,865        | 108,321                                 | 149,167                                  | 93,907                                      | 6%                          | 94%                                  |
| San Antonio          | 2,142,508           | 750,639                     | 54,254        | 258,549                                 | 294,716                                  | 143,120                                     | 7%                          | 93%                                  |
| San Jose             | 1,836,911           | 617,875                     | 31,916        | 175,201                                 | 255,531                                  | 155,227                                     | 5%                          | 95%                                  |
| St. Louis            | 2,812,896           | 1,111,725                   | 86,672        | 376,222                                 | 432,167                                  | 216,664                                     | 8%                          | 92%                                  |
| Tampa                | 2,783,243           | 1,109,897                   | 79,322        | 482,039                                 | 415,230                                  | 133,306                                     | 7%                          | 93%                                  |



### Housing w/o Vehicles- MSAs w/ 1-3m pop., 2010 (3 Yr Sample: '09-'11)



Data Source: HRTPO analysis of US Census data.

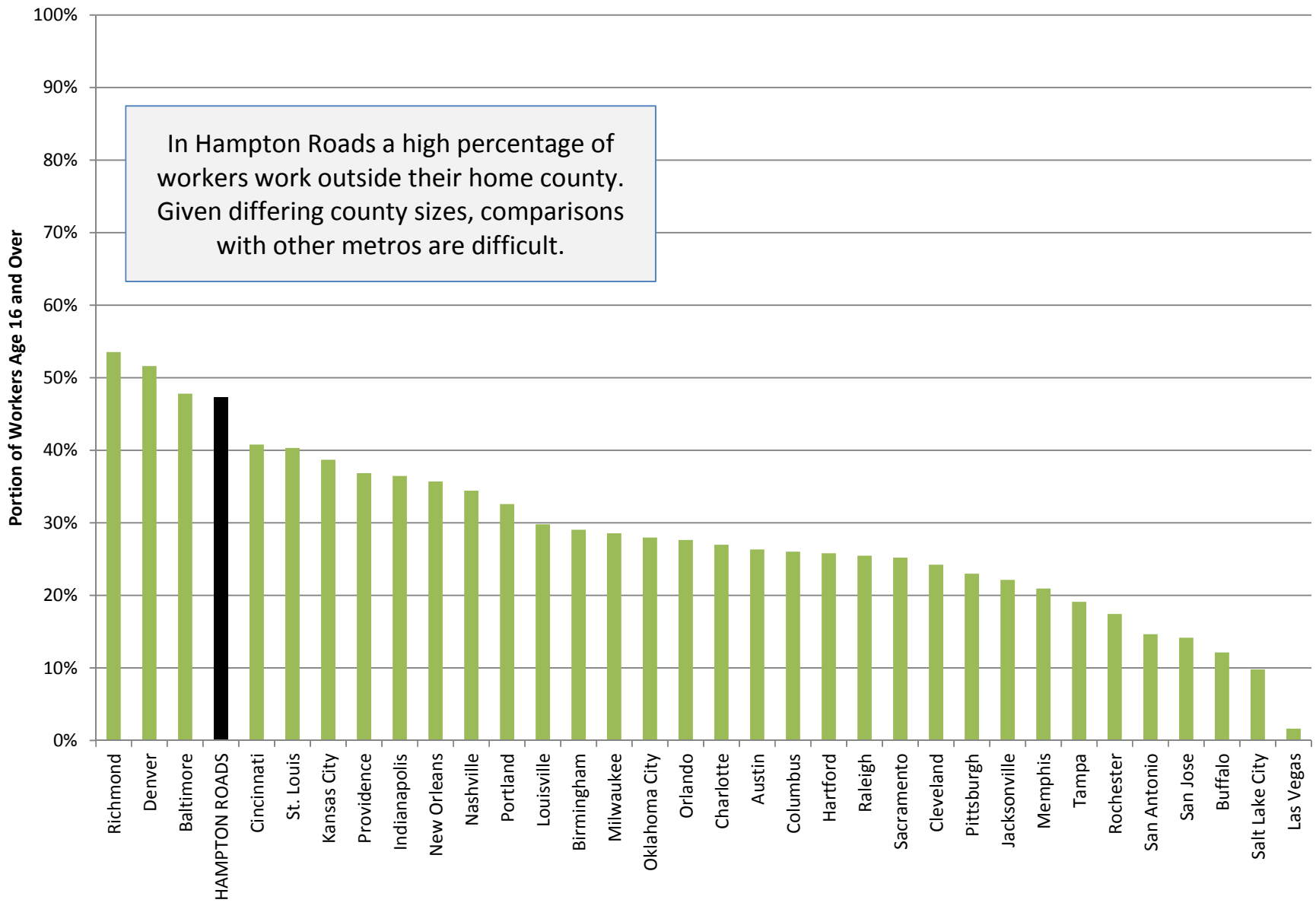
## Work Location, Large MSAs (pop. 1-3 million), 2010 (3 Year Sample: 2009-2011)

Source: HRTPO analysis of US Census data

Source file: ACS\_11\_3YR\_B08007.xlsx

| Large MSAs           | Population,<br>2010 | Workers<br>Age 16 and<br>Over | Worked In<br>County of<br>Residence | Worked<br>Outside<br>County of<br>Residence | Worked In<br>County of<br>Residence | Worked<br>Outside<br>County of<br>Residence |
|----------------------|---------------------|-------------------------------|-------------------------------------|---|-------------------------------------|---|
| Austin               | 1,716,289           | 856,549                       | 631,032                             | 225,517                                     | 74%                                 | 26%   |
| Baltimore            | 2,710,489           | 1,318,062                     | 687,818                             | 630,244                                     | 52%                                 | 48%   |
| Birmingham           | 1,128,047           | 486,545                       | 345,254                             | 141,291                                     | 71%                                 | 29%   |
| Buffalo              | 1,135,509           | 516,703                       | 453,940                             | 62,763                                      | 88%                                 | 12%   |
| Charlotte            | 1,758,038           | 812,811                       | 593,405                             | 219,406                                     | 73%                                 | 27%   |
| Cincinnati           | 2,130,151           | 985,151                       | 583,416                             | 401,735                                     | 59%                                 | 41%   |
| Cleveland            | 2,077,240           | 932,678                       | 706,688                             | 225,990                                     | 76%                                 | 24%   |
| Columbus             | 1,836,536           | 875,570                       | 647,477                             | 228,093                                     | 74%                                 | 26%   |
| Denver               | 2,543,482           | 1,271,588                     | 615,380                             | 656,208                                     | 48%                                 | 52%   |
| <b>HAMPTON ROADS</b> | <b>1,671,683</b>    | <b>823,011</b>                | <b>433,817</b>                      | <b>389,194</b>                              | <b>53%</b>                          | <b>47%</b>                                  |
| Hartford             | 1,212,381           | 586,724                       | 435,253                             | 151,471                                     | 74%                                 | 26%   |
| Indianapolis         | 1,756,241           | 816,747                       | 519,012                             | 297,735                                     | 64%                                 | 36%   |
| Jacksonville         | 1,345,596           | 610,309                       | 475,308                             | 135,001                                     | 78%                                 | 22%   |
| Kansas City          | 2,035,334           | 979,839                       | 600,642                             | 379,197                                     | 61%                                 | 39%   |
| Las Vegas            | 1,951,269           | 873,743                       | 859,248                             | 14,495                                      | 98%                                 | 2%  |
| Louisville           | 1,283,566           | 581,365                       | 408,158                             | 173,207                                     | 70%                                 | 30%   |
| Memphis              | 1,316,100           | 568,767                       | 449,672                             | 119,095                                     | 79%                                 | 21%   |
| Milwaukee            | 1,555,908           | 737,573                       | 526,983                             | 210,590                                     | 71%                                 | 29%   |
| Nashville            | 1,589,934           | 743,748                       | 487,741                             | 256,007                                     | 66%                                 | 34%   |
| New Orleans          | 1,167,764           | 527,151                       | 338,991                             | 188,160                                     | 64%                                 | 36%   |
| Oklahoma City        | 1,252,987           | 587,703                       | 423,420                             | 164,283                                     | 72%                                 | 28%   |
| Orlando              | 2,134,411           | 974,729                       | 705,331                             | 269,398                                     | 72%                                 | 28%   |
| Pittsburgh           | 2,356,285           | 1,088,444                     | 838,326                             | 250,118                                     | 77%                                 | 23%   |
| Portland             | 2,226,009           | 1,034,023                     | 697,107                             | 336,916                                     | 67%                                 | 33%   |
| Providence           | 1,600,852           | 752,336                       | 475,010                             | 277,326                                     | 63%                                 | 37%   |
| Raleigh              | 1,130,490           | 547,445                       | 407,966                             | 139,479                                     | 75%                                 | 25%   |
| Richmond             | 1,258,251           | 591,234                       | 274,638                             | 316,596                                     | 46%                                 | 54%   |
| Rochester            | 1,054,323           | 485,645                       | 400,982                             | 84,663                                      | 83%                                 | 17%   |
| Sacramento           | 2,149,127           | 906,056                       | 677,602                             | 228,454                                     | 75%                                 | 25%   |
| Salt Lake City       | 1,124,197           | 535,391                       | 482,928                             | 52,463                                      | 90%                                 | 10%   |
| San Antonio          | 2,142,508           | 960,466                       | 819,590                             | 140,876                                     | 85%                                 | 15%   |
| San Jose             | 1,836,911           | 846,753                       | 726,724                             | 120,029                                     | 86%                                 | 14%   |
| St. Louis            | 2,812,896           | 1,311,131                     | 782,439                             | 528,692                                     | 60%                                 | 40%   |
| Tampa                | 2,783,243           | 1,193,766                     | 965,576                             | 228,190                                     | 81%                                 | 19%   |

### Worked Outside Home Co.- MSAs w/1-3m pop, 2010, 3 Yr Sample '09-'11



Data Source: HRTPO analysis of US Census data.

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## TRANSPORTATION RELATED CENSUS DATA- INDIVIDUAL LOCALITIES

In this section, data is presented by individual locality.

In addition to data for each of the 13 HRTPO localities, data is provided for additional localities in the HRPDC area (Franklin, Southampton, and Surry) and additional localities in the 2010 Hampton Roads MSA (Currituck, NC and Mathews, VA). (See “Definition of Hampton Roads” table in the Introduction of this report.) A four-page data table is provided in this section for each the following 18 localities:

1. Chesapeake
2. Currituck (NC)
3. Franklin
4. Gloucester
5. Hampton
6. Isle of Wight
7. James City
8. Mathews
9. Newport News
10. Norfolk
11. Poquoson
12. Portsmouth
13. Southampton
14. Suffolk
15. Surry
16. Virginia Beach
17. Williamsburg
18. York

Following each four-page data table, a notable portion of that data is presented in one chart.

Due to large margins of error, the Census Bureau suppressed some 2010 sample data (2009-2011) for smaller localities. (The minimum population level for data release varied by type of data.) These gaps in 2010 data will be filled when the Census Bureau releases the 5-year (2008-2012) sample data.

## Transportation Related Census Data, Chesapeake, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| Chesapeake  | Source <sup>1</sup> | Year 1970 | Year 1980     | Year 1990     | Year 2000     | Year 2010     |
|---|---------------------|-----------|---------------|---------------|---------------|---------------|
| <b>Population</b>                                     |                     |           |               |               |               |               |
| Population  | Full                | 89,580    | 114,486       | 151,976       | 199,184       | 222,209       |
|   |                     |           | <u>1970's</u> | <u>1980's</u> | <u>1990's</u> | <u>2000's</u> |
| Growth Rate, annual                                   | Full                | n.a.      | 2.5%          | 2.9%          | 2.7%          | 1.1%          |
| In Households   | Full                | 88,625    | 113,087       | 149,302       | 195,070       | 218,488       |
| In Group Quarters                                     | Full                | 955       | 1,399         | 2,674         | 4,114         | 3,721         |
|   |                     | 89,580    | 114,486       | 151,976       | 199,184       | 222,209       |
| Population in Group Quarters                          |                     |           |               |               |               |               |
| In Nursing Facilities                                 | Mixed               | 198       | 567           | 1,053         | 716           | 650           |
| In Other Institutional Facilities                     | Mixed               | 471       | 691           | 1,179         | 2,489         | 2,608         |
| In College/University Student Housing                 | Mixed               | 0         | 0             | 0             | 0             | 0             |
| In Military Quarters                                  | Mixed               | 120       | 120           | 400           | 318           | 308           |
| In Other Noninstitutional Facilities                  | Mixed               | 130       | 11            | 42            | 591           | 155           |
| Total <sup>2</sup>                                    |                     | 919       | 1,389         | 2,674         | 4,114         | 3,721         |
| Detail of "In Other Institutional Facilities" (above) |                     |           |               |               |               |               |
| In Correctional Facilities                            | Full                | n.a.      | n.a.          | 917           | 2,144         | 2,608         |
| In Other Institutional Facilities                     | Full                | n.a.      | n.a.          | 262           | 345           | 0             |
|   |                     |           |               | 1,179         | 2,489         | 2,608         |
| <b>Age</b>  |                     |           |               |               |               |               |
| Ages 0 thru 17  | Full                | 34,605    | 36,559        | 43,629        | 57,283        | 57,521        |
| Ages 18 thru 64                                       | Full                | 49,813    | 69,839        | 95,503        | 124,057       | 141,542       |
| Ages 65 thru 74                                       | Full                | 3,446     | 5,299         | 8,250         | 10,227        | 13,382        |
| Age 75 and Over                                       | Full                | 1,716     | 2,789         | 4,594         | 7,617         | 9,764         |
|   |                     | 89,580    | 114,486       | 151,976       | 199,184       | 222,209       |
| Ages 0 thru 17  | Full                | 39%       | 32%           | 29%           | 29%           | 26%           |
| Ages 18 thru 64                                       | Full                | 56%       | 61%           | 63%           | 62%           | 64%           |
| Ages 65 thru 74                                       | Full                | 4%        | 5%            | 5%            | 5%            | 6%            |
| Age 75 and Over                                       | Full                | 2%        | 2%            | 3%            | 4%            | 4%            |
|   |                     | 100%      | 100%          | 100%          | 100%          | 100%          |

| <b>Chesapeake</b>                                | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 25,153           | 36,383           | 51,965           | 69,900           | 79,574           |
| Persons per Household                            | Full                      | 3.52             | 3.11             | 2.87             | 2.79             | 2.75             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 32,088           | 50,351           | 75,869           | 96,292           | 113,219          |
| Armed Forces                                     | Sample                    | 1,655            | 2,264            | 4,110            | 6,178            | 5,904            |
| Not in Labor Force                               | Sample                    | 25,013           | 30,248           | 32,869           | 46,042           | 53,133           |
|  |                           | 58,756           | 82,863           | 112,848          | 148,512          | 172,256          |
| Civilian Labor Force, % of labor force           | Sample                    | 95%              | 96%              | 95%              | 94%              | 95%              |
| Armed Forces, % of labor force                   | Sample                    | 5%               | 4%               | 5%               | 6%               | 5%               |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| In Labor Force, % of pop. age 16+                | Sample                    | 57%              | 63%              | 71%              | 69%              | 69%              |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 43%              | 37%              | 29%              | 31%              | 31%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 3,143            | 2,918            | 3,411            | 3,979            | 3,538            |
| Occ'd Housing Units with Vehicles                | Sample                    | 22,010           | 33,465           | 48,554           | 65,921           | 75,100           |
|  |                           | 25,153           | 36,383           | 51,965           | 69,900           | 78,638           |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 12%              | 8%               | 7%               | 6%               | 4%               |
| Occupied Housing Units with Vehicles, %          | Sample                    | 88%              | 92%              | 93%              | 94%              | 96%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Chesapeake</b>                             |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 33,268           | 60,120           | 81,395           | 95,062           |                  |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 11,756           | 11,055           | 10,195           | 7,127            |                  |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 1,410            | 758              | 770              | 1,019            |                  |
| Taxicab                                       | Sample | n.a.                      | 34               | 22               | 85               | 35               |                  |
| Walked  | Sample | n.a.                      | 1,039            | 1,257            | 1,110            | 1,551            |                  |
| Motorcycle                                    | Sample | n.a.                      | 180              | 114              | 55               | 146              |                  |
| Bicycle                                       | Sample | n.a.                      | 146              | 236              | 120              | 232              |                  |
| Other Means                                   | Sample | n.a.                      | 345              | 785              | 940              | 1,143            |                  |
| Worked at Home                                | Sample | n.a.                      | 471              | 1,263            | 2,300            | 3,097            |                  |
|   |        | n.a.                      | 48,649           | 75,610           | 96,970           | 109,412          |                  |
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 68%              | 80%              | 84%              | 87%              |                  |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 24%              | 15%              | 11%              | 7%               |                  |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 2.9%             | 1.0%             | 0.8%             | 0.9%             |                  |
| Taxicab                                       | Sample | n.a.                      | 0.07%            | 0.03%            | 0.09%            | 0.03%            |                  |
| Walked  | Sample | n.a.                      | 2.1%             | 1.7%             | 1.1%             | 1.4%             |                  |
| Motorcycle                                    | Sample | n.a.                      | 0.4%             | 0.2%             | 0.1%             | 0.1%             |                  |
| Bicycle                                       | Sample | n.a.                      | 0.3%             | 0.3%             | 0.1%             | 0.2%             |                  |
| Other Means                                   | Sample | n.a.                      | 0.7%             | 1.0%             | 1.0%             | 1.0%             |                  |
| Worked at Home                                | Sample | n.a.                      | 1.0%             | 1.7%             | 2.4%             | 2.8%             |                  |
|   |        | n.a.                      | 100%             | 100%             | 100%             | 100%             |                  |
| <b><u>Travel Time to Work</u></b>             |        |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample | n.a.                      | 24.2             | 23.2             | 25.1             | 24.0             |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 4,720            | 7,974            | 8,732            | 11,170           |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 38,200           | 59,029           | 76,767           | 83,911           |                  |
| 45 or more minutes                            | Sample | n.a.                      | 5,562            | 7,344            | 9,178            | 11,234           |                  |
|   |        | n.a.                      | 48,482           | 74,347           | 94,677           | 106,315          |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 10%              | 11%              | 9%               | 11%              |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 79%              | 79%              | 81%              | 79%              |                  |
| 45 or more minutes                            | Sample | n.a.                      | 11%              | 10%              | 10%              | 11%              |                  |
|   |        | n.a.                      | 100%             | 100%             | 100%             | 100%             |                  |

| <b>Chesapeake</b>                             |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 6,245            | 8,065            | 10,339           |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 18,297           | 22,335           | 23,334           |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 23,155           | 29,915           | 29,276           |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 11,007           | 14,860           | 16,422           |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 3,193            | 3,900            | 5,109            |                  |
| Other Times                                   | Sample | n.a.                      | n.a.             | 12,450           | 15,595           | 21,835           |                  |
|   |        |                           |                  | 74,347           | 94,670           | 106,315          |                  |
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 8%               | 9%               | 10%              |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 25%              | 24%              | 22%              |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 31%              | 32%              | 28%              |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 15%              | 16%              | 15%              |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 4%               | 4%               | 5%               |                  |
| Other Hours                                   | Sample | n.a.                      | n.a.             | 17%              | 16%              | 21%              |                  |
|   |        |                           |                  | 100%             | 100%             | 100%             |                  |
| <b><u>Place of Work</u></b>                   |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample | n.a.                      | n.a.             | 28,192           | 38,680           | 46,649           |                  |
| Work Outside County of Residence              | Sample | n.a.                      | n.a.             | 47,418           | 58,297           | 62,763           |                  |
|   |        |                           |                  | 75,610           | 96,977           | 109,412          |                  |
| Work In County of Residence, %                | Sample | n.a.                      | n.a.             | 37%              | 40%              | 43%              |                  |
| Work Outside County of Residence, %           | Sample | n.a.                      | n.a.             | 63%              | 60%              | 57%              |                  |
|   |        |                           |                  | 100%             | 100%             | 100%             |                  |

**Footnotes**<sup>1</sup>Source:

Full: Based on entire population and every housing unit.

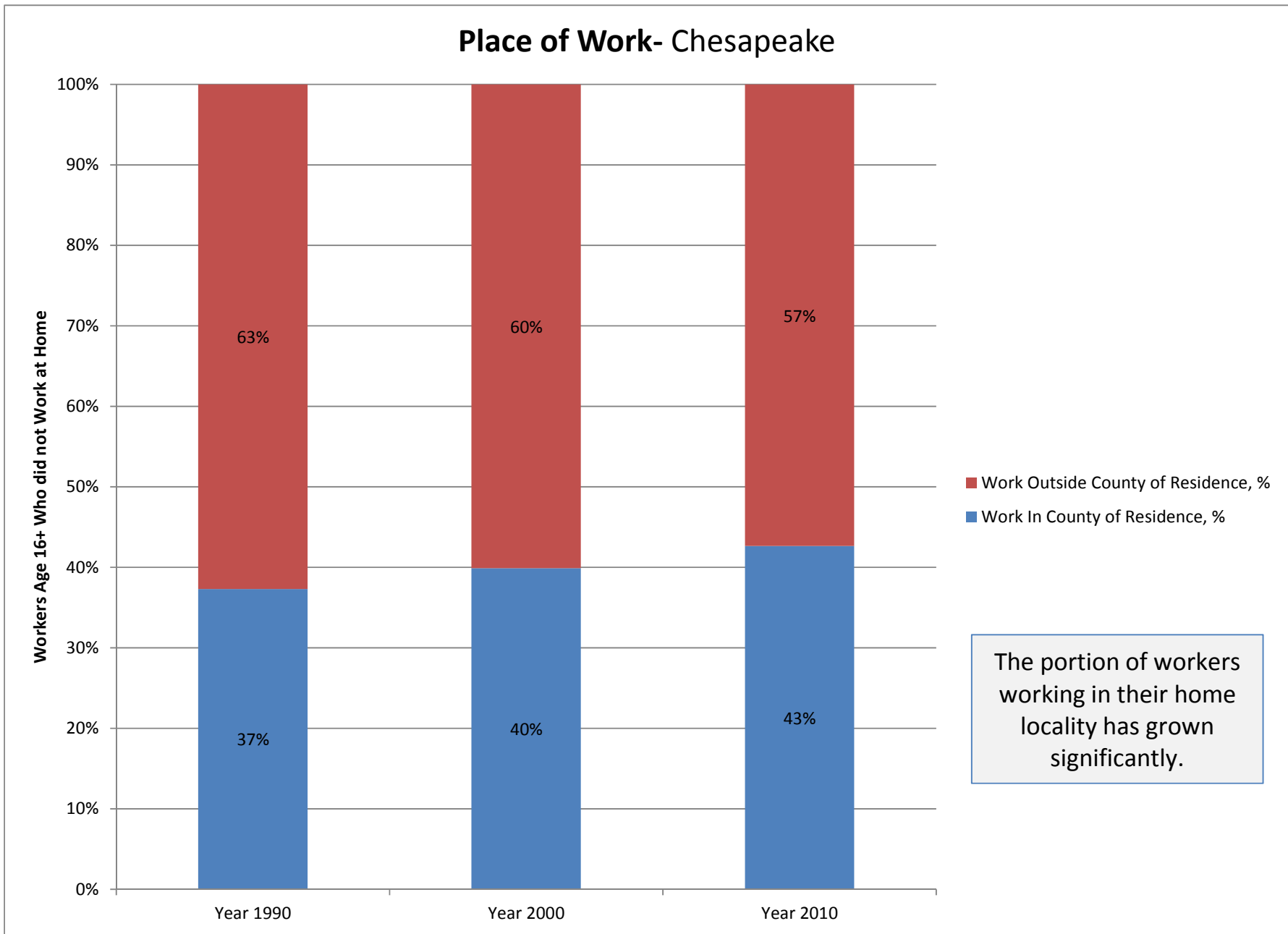
Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.





Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, Currituck, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| <b>Currituck</b>                                      | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Population</b>                                     |                           |                  |                  |                  |                  |                  |
| Population  | Full                      | 6,976            | 11,089           | 13,736           | 18,190           | 23,547           |
|   |                           |                  | <u>1970's</u>    | <u>1980's</u>    | <u>1990's</u>    | <u>2000's</u>    |
| Growth Rate, annual                                   | Full                      | n.a.             | 4.7%             | 2.2%             | 2.8%             | 2.6%             |
| In Households   | Full                      | 6,863            | 10,913           | 13,486           | 18,027           | 23,412           |
| In Group Quarters                                     | Full                      | 113              | 176              | 250              | 163              | 135              |
|   |                           | <u>6,976</u>     | <u>11,089</u>    | <u>13,736</u>    | <u>18,190</u>    | <u>23,547</u>    |
| Population in Group Quarters                          |                           |                  |                  |                  |                  |                  |
| In Nursing Facilities                                 | Mixed                     | 0                | 0                | 84               | 91               | 88               |
| In Other Institutional Facilities                     | Mixed                     | 101              | 175              | 133              | 72               | 38               |
| In College/University Student Housing                 | Mixed                     | 0                | 0                | 0                | 0                | 0                |
| In Military Quarters                                  | Mixed                     | 0                | 0                | 0                | 0                | 0                |
| In Other Noninstitutional Facilities                  | Mixed                     | 13               | 0                | 33               | 0                | 9                |
| Total <sup>2</sup>                                    |                           | <u>114</u>       | <u>175</u>       | <u>250</u>       | <u>163</u>       | <u>135</u>       |
| Detail of "In Other Institutional Facilities" (above) |                           |                  |                  |                  |                  |                  |
| In Correctional Facilities                            | Full                      | n.a.             | n.a.             | 133              | 72               | 38               |
| In Other Institutional Facilities                     | Full                      | n.a.             | n.a.             | 0                | 0                | 0                |
|   |                           |                  |                  | <u>133</u>       | <u>72</u>        | <u>38</u>        |
| <b>Age</b>  |                           |                  |                  |                  |                  |                  |
| Ages 0 thru 17  | Full                      | 2,401            | 3,174            | 3,494            | 4,607            | 5,591            |
| Ages 18 thru 64                                       | Full                      | 3,750            | 6,612            | 8,533            | 11,397           | 14,915           |
| Ages 65 thru 74                                       | Full                      | 536              | 879              | 1,066            | 1,310            | 1,899            |
| Age 75 and Over                                       | Full                      | 289              | 424              | 643              | 876              | 1,142            |
|   |                           | <u>6,976</u>     | <u>11,089</u>    | <u>13,736</u>    | <u>18,190</u>    | <u>23,547</u>    |
| Ages 0 thru 17  | Full                      | 34%              | 29%              | 25%              | 25%              | 24%              |
| Ages 18 thru 64                                       | Full                      | 54%              | 60%              | 62%              | 63%              | 63%              |
| Ages 65 thru 74                                       | Full                      | 8%               | 8%               | 8%               | 7%               | 8%               |
| Age 75 and Over                                       | Full                      | 4%               | 4%               | 5%               | 5%               | 5%               |
|   |                           | <u>100%</u>      | <u>100%</u>      | <u>100%</u>      | <u>100%</u>      | <u>100%</u>      |

| <b>Currituck</b>                                 | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 2,164            | 3,897            | 5,038            | 6,902            | 8,880            |
| Persons per Household                            | Full                      | 3.17             | 2.80             | 2.68             | 2.61             | 2.64             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 2,275            | 4,170            | 6,701            | 8,857            | 12,241           |
| Armed Forces                                     | Sample                    | 76               | 233              | 161              | 208              | 331              |
| Not in Labor Force                               | Sample                    | 2,542            | 3,942            | 3,796            | 5,037            | 6,174            |
|  |                           | 4,893            | 8,345            | 10,658           | 14,102           | 18,746           |
| Civilian Labor Force, % of labor force           | Sample                    | 97%              | 95%              | 98%              | 98%              | 97%              |
| Armed Forces, % of labor force                   | Sample                    | 3%               | 5%               | 2%               | 2%               | 3%               |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| In Labor Force, % of pop. age 16+                | Sample                    | 48%              | 53%              | 64%              | 64%              | 67%              |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 52%              | 47%              | 36%              | 36%              | 33%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 404              | 327              | 292              | 303              | 204              |
| Occ'd Housing Units with Vehicles                | Sample                    | 1,760            | 3,570            | 4,746            | 6,599            | 9,182            |
|  |                           | 2,164            | 3,897            | 5,038            | 6,902            | 9,386            |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 19%              | 8%               | 6%               | 4%               | 2%               |
| Occupied Housing Units with Vehicles, %          | Sample                    | 81%              | 92%              | 94%              | 96%              | 98%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Currituck</b>                              |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 2,278            | 4,531            | 6,860            | n.a.             |                  |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 1,126            | 1,356            | 1,325            | n.a.             |                  |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 35               | 38               | 35               | n.a.             |                  |
| Taxicab                                       | Sample | n.a.                      | 0                | 0                | 0                | n.a.             |                  |
| Walked  | Sample | n.a.                      | 187              | 180              | 45               | n.a.             |                  |
| Motorcycle                                    | Sample | n.a.                      | 20               | 7                | 0                | n.a.             |                  |
| Bicycle                                       | Sample | n.a.                      | 0                | 22               | 4                | n.a.             |                  |
| Other Means                                   | Sample | n.a.                      | 94               | 84               | 140              | n.a.             |                  |
| Worked at Home                                | Sample | n.a.                      | 152              | 179              | 190              | n.a.             |                  |
|   |        |                           | n.a.             | 3,892            | 6,397            | 8,599            | n.a.             |
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 59%              | 71%              | 80%              | n.a.             |                  |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 29%              | 21%              | 15%              | n.a.             |                  |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 0.9%             | 0.6%             | 0.4%             | n.a.             |                  |
| Taxicab                                       | Sample | n.a.                      | 0.00%            | 0.00%            | 0.00%            | n.a.             |                  |
| Walked  | Sample | n.a.                      | 4.8%             | 2.8%             | 0.5%             | n.a.             |                  |
| Motorcycle                                    | Sample | n.a.                      | 0.5%             | 0.1%             | 0.0%             | n.a.             |                  |
| Bicycle                                       | Sample | n.a.                      | 0.0%             | 0.3%             | 0.0%             | n.a.             |                  |
| Other Means                                   | Sample | n.a.                      | 2.4%             | 1.3%             | 1.6%             | n.a.             |                  |
| Worked at Home                                | Sample | n.a.                      | 3.9%             | 2.8%             | 2.2%             | n.a.             |                  |
|   |        |                           | n.a.             | 100%             | 100%             | 100%             | n.a.             |
| <b><u>Travel Time to Work</u></b>             |        |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample | n.a.                      | 34.3             | 32.8             | 35.0             | 32.3             |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 580              | 707              | 885              | 1,236            |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 1,643            | 3,305            | 4,495            | 5,891            |                  |
| 45 or more minutes                            | Sample | n.a.                      | 1,480            | 2,206            | 3,025            | 3,315            |                  |
|   |        |                           | n.a.             | 3,703            | 6,218            | 8,405            | 10,442           |
| Less than 10 minutes                          | Sample | n.a.                      | 16%              | 11%              | 11%              | 12%              |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 44%              | 53%              | 53%              | 56%              |                  |
| 45 or more minutes                            | Sample | n.a.                      | 40%              | 35%              | 36%              | 32%              |                  |
|   |        |                           | n.a.             | 100%             | 100%             | 100%             | 100%             |

| <b>Currituck</b>                              | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 757              | 910              | 1,421            |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 1,350            | 2,160            | 2,505            |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 1,886            | 2,440            | 2,827            |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 1,043            | 1,070            | 1,494            |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 182              | 404              | 455              |
| Other Times                                   | Sample                    | n.a.             | n.a.             | 1,000            | 1,419            | 1,740            |
|   |                           | n.a.             | n.a.             | 6,218            | 8,403            | 10,442           |
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 12%              | 11%              | 14%              |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 22%              | 26%              | 24%              |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 30%              | 29%              | 27%              |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 17%              | 13%              | 14%              |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 3%               | 5%               | 4%               |
| Other Hours                                   | Sample                    | n.a.             | n.a.             | 16%              | 17%              | 17%              |
|   |                           | n.a.             | n.a.             | 100%             | 100%             | 100%             |
| <b><u>Place of Work</u></b>                   |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample                    | n.a.             | n.a.             | 2,495            | 2,881            | 3,858            |
| Work Outside County of Residence              | Sample                    | n.a.             | n.a.             | 3,902            | 5,722            | 7,064            |
|   |                           | n.a.             | n.a.             | 6,397            | 8,603            | 10,922           |
| Work In County of Residence, %                | Sample                    | n.a.             | n.a.             | 39%              | 33%              | 35%              |
| Work Outside County of Residence, %           | Sample                    | n.a.             | n.a.             | 61%              | 67%              | 65%              |
|   |                           | n.a.             | n.a.             | 100%             | 100%             | 100%             |

**Footnotes**<sup>1</sup>Source:

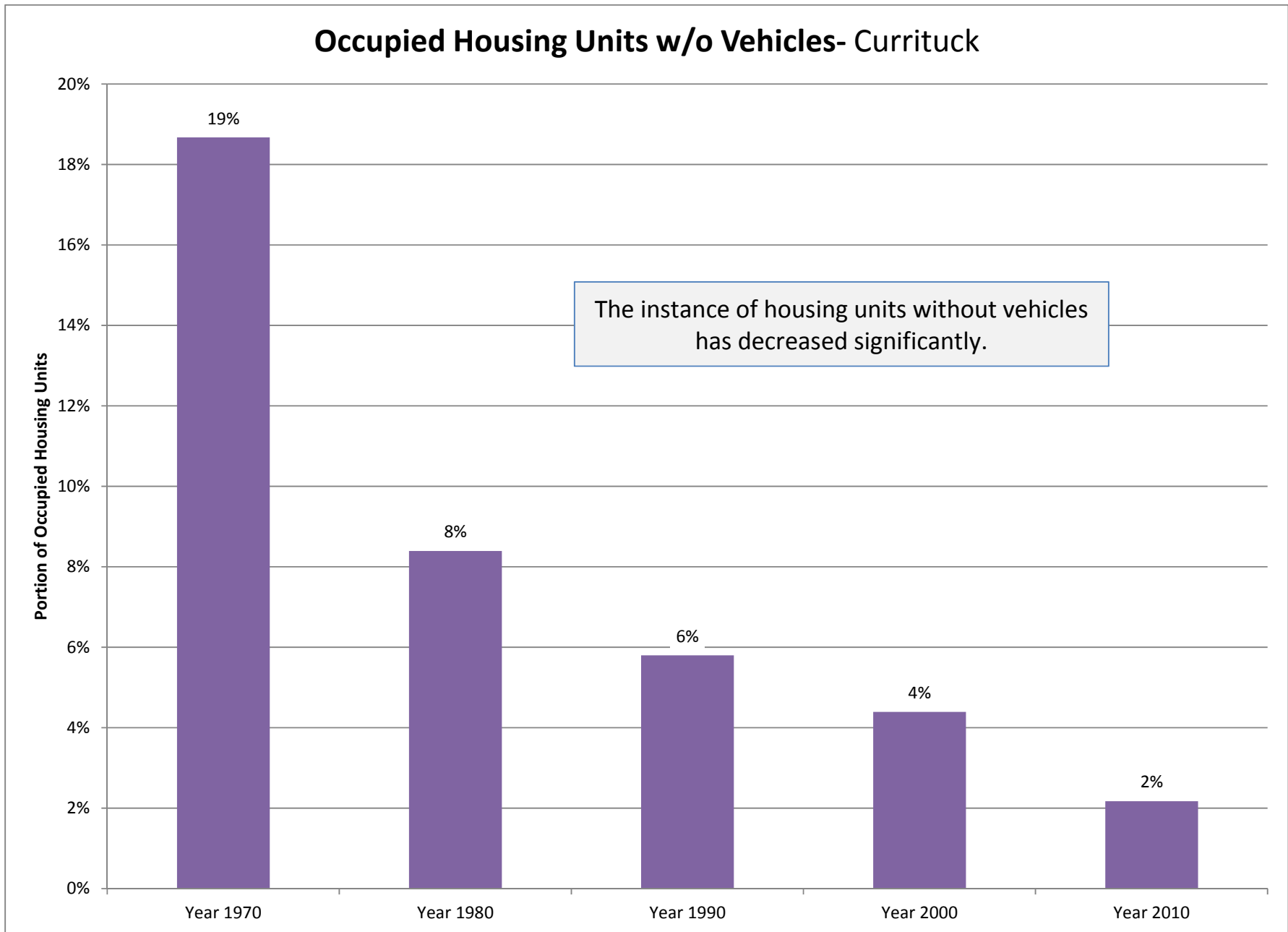
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, Franklin, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| <b>Franklin</b>                                       | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Population</b>                                     |                           |                  |                  |                  |                  |                  |
| Population  | Full                      | 6,880            | 7,308            | 7,864            | 8,346            | 8,582            |
|   |                           |                  | <u>1970's</u>    | <u>1980's</u>    | <u>1990's</u>    | <u>2000's</u>    |
| Growth Rate, annual                                   | Full                      | n.a.             | 0.6%             | 0.7%             | 0.6%             | 0.3%             |
| In Households   | Full                      | 6,846            | 7,254            | 7,737            | 8,072            | 8,453            |
| In Group Quarters                                     | Full                      | 34               | 54               | 127              | 274              | 129              |
|   |                           | 6,880            | 7,308            | 7,864            | 8,346            | 8,582            |
| Population in Group Quarters                          |                           |                  |                  |                  |                  |                  |
| In Nursing Facilities                                 | Mixed                     | 0                | 0                | 127              | 274              | 116              |
| In Other Institutional Facilities                     | Mixed                     | 0                | 45               | 0                | 0                | 2                |
| In College/University Student Housing                 | Mixed                     | 0                | 0                | 0                | 0                | 0                |
| In Military Quarters                                  | Mixed                     | 0                | 0                | 0                | 0                | 0                |
| In Other Noninstitutional Facilities                  | Mixed                     | 30               | 0                | 0                | 0                | 11               |
| Total <sup>2</sup>                                    |                           | 30               | 45               | 127              | 274              | 129              |
| Detail of "In Other Institutional Facilities" (above) |                           |                  |                  |                  |                  |                  |
| In Correctional Facilities                            | Full                      | n.a.             | n.a.             | 0                | 0                | 2                |
| In Other Institutional Facilities                     | Full                      | n.a.             | n.a.             | 0                | 0                | 0                |
|   |                           |                  |                  | 0                | 0                | 2                |
| <b>Age</b>  |                           |                  |                  |                  |                  |                  |
| Ages 0 thru 17  | Full                      | 2,436            | 2,119            | 2,105            | 2,099            | 2,046            |
| Ages 18 thru 64                                       | Full                      | 3,852            | 4,253            | 4,506            | 4,711            | 5,056            |
| Ages 65 thru 74                                       | Full                      | 396              | 621              | 710              | 718              | 737              |
| Age 75 and Over                                       | Full                      | 196              | 315              | 543              | 818              | 743              |
|   |                           | 6,880            | 7,308            | 7,864            | 8,346            | 8,582            |
| Ages 0 thru 17  | Full                      | 35%              | 29%              | 27%              | 25%              | 24%              |
| Ages 18 thru 64                                       | Full                      | 56%              | 58%              | 57%              | 56%              | 59%              |
| Ages 65 thru 74                                       | Full                      | 6%               | 8%               | 9%               | 9%               | 9%               |
| Age 75 and Over                                       | Full                      | 3%               | 4%               | 7%               | 10%              | 9%               |
|   |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Franklin</b>                                  | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 2,111            | 2,588            | 3,006            | 3,384            | 3,530            |
| Persons per Household                            | Full                      | 3.24             | 2.80             | 2.57             | 2.39             | 2.39             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 2,890            | 3,052            | 3,500            | 3,657            | n.a.             |
| Armed Forces                                     | Sample                    | 0                | 0                | 0                | 13               | n.a.             |
| Not in Labor Force                               | Sample                    | 1,870            | 2,411            | 2,459            | 2,895            | n.a.             |
|  |                           | 4,760            | 5,463            | 5,959            | 6,565            | n.a.             |
| Civilian Labor Force, % of labor force           | Sample                    | 100%             | 100%             | 100%             | 100%             | n.a.             |
| Armed Forces, % of labor force                   | Sample                    | 0%               | 0%               | 0%               | 0%               | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |
| In Labor Force, % of pop. age 16+                | Sample                    | 61%              | 56%              | 59%              | 56%              | n.a.             |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 39%              | 44%              | 41%              | 44%              | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 548              | 612              | 708              | 495              | n.a.             |
| Occ'd Housing Units with Vehicles                | Sample                    | 1,563            | 1,976            | 2,298            | 2,889            | n.a.             |
|  |                           | 2,111            | 2,588            | 3,006            | 3,384            | n.a.             |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 26%              | 24%              | 24%              | 15%              | n.a.             |
| Occupied Housing Units with Vehicles, %          | Sample                    | 74%              | 76%              | 76%              | 85%              | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |



| <b>Franklin</b>                               | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample                    | n.a.             | 1,789            | 2,208            | 2,545            | n.a.             |
| Carpooled (car, truck, van)                   | Sample                    | n.a.             | 710              | 775              | 550              | n.a.             |
| Public Transportation (excluding taxi)        | Sample                    | n.a.             | 31               | 5                | 45               | n.a.             |
| Taxicab                                       | Sample                    | n.a.             | 35               | 0                | 0                | n.a.             |
| Walked  | Sample                    | n.a.             | 117              | 206              | 70               | n.a.             |
| Motorcycle                                    | Sample                    | n.a.             | 0                | 0                | 0                | n.a.             |
| Bicycle                                       | Sample                    | n.a.             | 17               | 6                | 10               | n.a.             |
| Other Means                                   | Sample                    | n.a.             | 28               | 18               | 15               | n.a.             |
| Worked at Home                                | Sample                    | n.a.             | 5                | 54               | 100              | n.a.             |
|   |                           | n.a.             | 2,732            | 3,272            | 3,335            | n.a.             |
| <b><u>Means of Transportation to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample                    | n.a.             | 65%              | 67%              | 76%              | n.a.             |
| Carpooled (car, truck, van)                   | Sample                    | n.a.             | 26%              | 24%              | 16%              | n.a.             |
| Public Transportation (excluding taxi)        | Sample                    | n.a.             | 1.1%             | 0.2%             | 1.3%             | n.a.             |
| Taxicab                                       | Sample                    | n.a.             | 1.28%            | 0.00%            | 0.00%            | n.a.             |
| Walked  | Sample                    | n.a.             | 4.3%             | 6.3%             | 2.1%             | n.a.             |
| Motorcycle                                    | Sample                    | n.a.             | 0.0%             | 0.0%             | 0.0%             | n.a.             |
| Bicycle                                       | Sample                    | n.a.             | 0.6%             | 0.2%             | 0.3%             | n.a.             |
| Other Means                                   | Sample                    | n.a.             | 1.0%             | 0.6%             | 0.4%             | n.a.             |
| Worked at Home                                | Sample                    | n.a.             | 0.2%             | 1.7%             | 3.0%             | n.a.             |
|   |                           | n.a.             | 100%             | 100%             | 100%             | n.a.             |
| <b><u>Travel Time to Work</u></b>             |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample                    | n.a.             | 17.3             | 17.1             | 20.9             | n.a.             |
| Workers 16+ (Did Not Work at Home)            |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample                    | n.a.             | 869              | 1,224            | 1,081            | n.a.             |
| 10 to 44 minutes                              | Sample                    | n.a.             | 1,502            | 1,610            | 1,665            | n.a.             |
| 45 or more minutes                            | Sample                    | n.a.             | 283              | 384              | 492              | n.a.             |
|   |                           | n.a.             | 2,654            | 3,218            | 3,238            | n.a.             |
| Less than 10 minutes                          | Sample                    | n.a.             | 33%              | 38%              | 33%              | n.a.             |
| 10 to 44 minutes                              | Sample                    | n.a.             | 57%              | 50%              | 51%              | n.a.             |
| 45 or more minutes                            | Sample                    | n.a.             | 11%              | 12%              | 15%              | n.a.             |
|   |                           | n.a.             | 100%             | 100%             | 100%             | n.a.             |

| <b>Franklin</b>                               | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 93               | 230              | n.a.             |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 554              | 575              | n.a.             |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 958              | 1,010            | n.a.             |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 760              | 685              | n.a.             |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 202              | 124              | n.a.             |
| Other Times                                   | Sample                    | n.a.             | n.a.             | 651              | 614              | n.a.             |
|   |                           | n.a.             | n.a.             | 3,218            | 3,238            | n.a.             |
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 3%               | 7%               | n.a.             |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 17%              | 18%              | n.a.             |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 30%              | 31%              | n.a.             |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 24%              | 21%              | n.a.             |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 6%               | 4%               | n.a.             |
| Other Hours                                   | Sample                    | n.a.             | n.a.             | 20%              | 19%              | n.a.             |
|   |                           | n.a.             | n.a.             | 100%             | 100%             | n.a.             |
| <b><u>Place of Work</u></b>                   |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample                    | n.a.             | n.a.             | 1,689            | 1,591            | n.a.             |
| Work Outside County of Residence              | Sample                    | n.a.             | n.a.             | 1,583            | 1,746            | n.a.             |
|   |                           | n.a.             | n.a.             | 3,272            | 3,337            | n.a.             |
| Work In County of Residence, %                | Sample                    | n.a.             | n.a.             | 52%              | 48%              | n.a.             |
| Work Outside County of Residence, %           | Sample                    | n.a.             | n.a.             | 48%              | 52%              | n.a.             |
|   |                           | n.a.             | n.a.             | 100%             | 100%             | n.a.             |

**Footnotes**<sup>1</sup>Source:

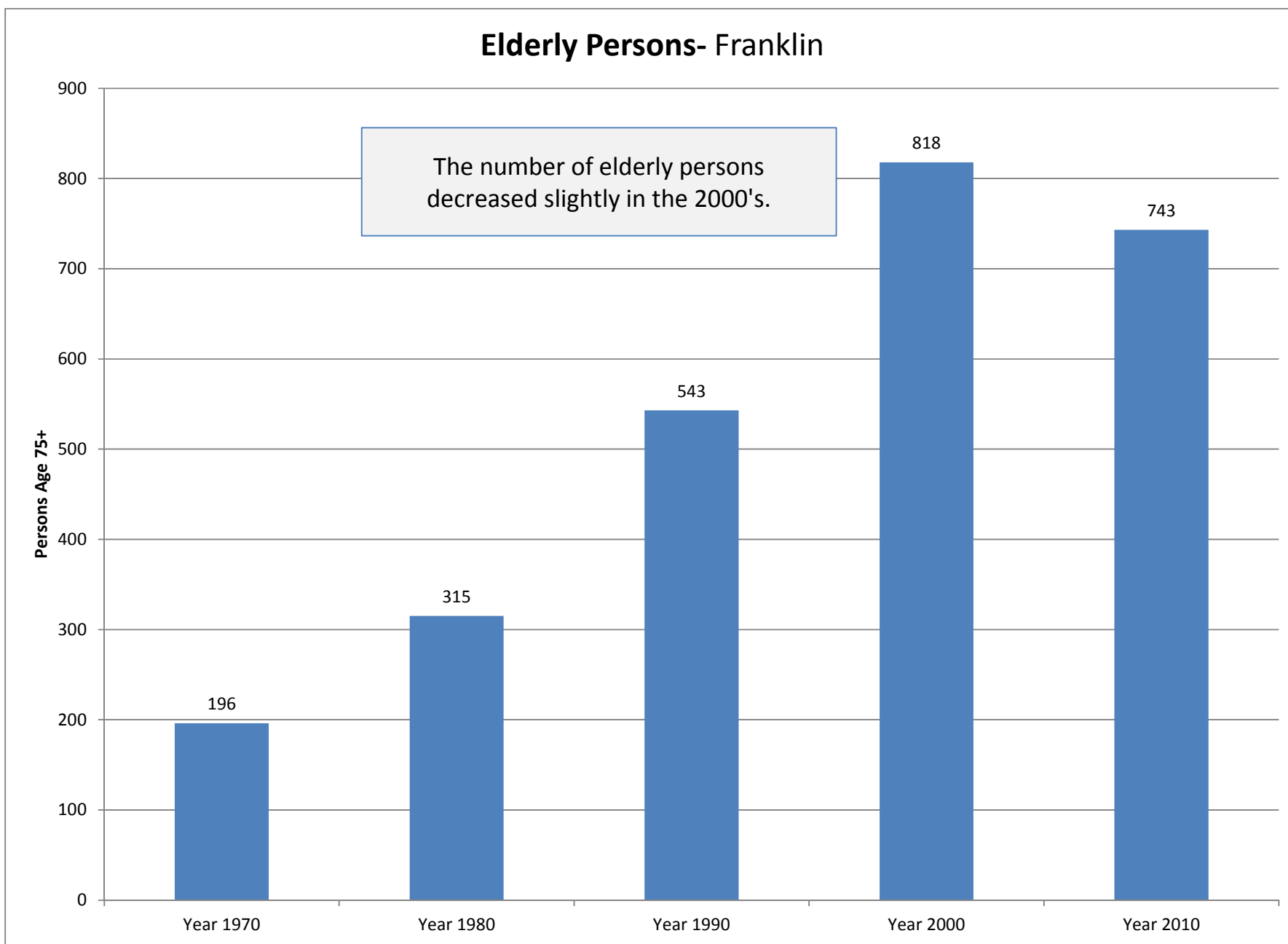
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, Gloucester, 1970-2010

Source: HRTPO analysis of US Census data  
Source file: master.xlsx

Note that, although the HRTPO study area excludes northern Gloucester, the data in this table covers all of Gloucester.

| <b>Gloucester (whole county)</b>                      | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Population</b>                                     |                           |                  |                  |                  |                  |                  |
| Population  | Full                      | 14,059           | 20,107           | 30,131           | 34,780           | 36,858           |
|   |                           |                  | <u>1970's</u>    | <u>1980's</u>    | <u>1990's</u>    | <u>2000's</u>    |
| Growth Rate, annual                                   | Full                      | n.a.             | 3.6%             | 4.1%             | 1.4%             | 0.6%             |
| In Households   | Full                      | 14,001           | 20,044           | 29,802           | 34,446           | 36,490           |
| In Group Quarters                                     | Full                      | 58               | 63               | 329              | 334              | 368              |
|   |                           | 14,059           | 20,107           | 30,131           | 34,780           | 36,858           |
| Population in Group Quarters                          |                           |                  |                  |                  |                  |                  |
| In Nursing Facilities                                 | Mixed                     | 43               | 56               | 228              | 272              | 275              |
| In Other Institutional Facilities                     | Mixed                     | 0                | 0                | 26               | 0                | 75               |
| In College/University Student Housing                 | Mixed                     | 15               | 4                | 0                | 0                | 0                |
| In Military Quarters                                  | Mixed                     | 0                | 0                | 0                | 0                | 0                |
| In Other Noninstitutional Facilities                  | Mixed                     | 29               | 0                | 75               | 62               | 18               |
| Total <sup>2</sup>                                    |                           | 87               | 60               | 329              | 334              | 368              |
| Detail of "In Other Institutional Facilities" (above) |                           |                  |                  |                  |                  |                  |
| In Correctional Facilities                            | Full                      | n.a.             | n.a.             | 26               | 0                | 75               |
| In Other Institutional Facilities                     | Full                      | n.a.             | n.a.             | 0                | 0                | 0                |
|   |                           |                  |                  | 26               | 0                | 75               |
| <b>Age</b>  |                           |                  |                  |                  |                  |                  |
| Ages 0 thru 17  | Full                      | 4,740            | 5,571            | 8,224            | 9,116            | 8,140            |
| Ages 18 thru 64                                       | Full                      | 7,699            | 12,152           | 18,552           | 21,556           | 23,308           |
| Ages 65 thru 74                                       | Full                      | 969              | 1,492            | 1,959            | 2,290            | 3,221            |
| Age 75 and Over                                       | Full                      | 651              | 892              | 1,396            | 1,818            | 2,189            |
|   |                           | 14,059           | 20,107           | 30,131           | 34,780           | 36,858           |
| Ages 0 thru 17  | Full                      | 34%              | 28%              | 27%              | 26%              | 22%              |
| Ages 18 thru 64                                       | Full                      | 55%              | 60%              | 62%              | 62%              | 63%              |
| Ages 65 thru 74                                       | Full                      | 7%               | 7%               | 7%               | 7%               | 9%               |
| Age 75 and Over                                       | Full                      | 5%               | 4%               | 5%               | 5%               | 6%               |
|   |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Gloucester (whole county)</b>                 |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |        |                           |                  |                  |                  |                  |                  |
| Households                                       | Full   | 4,430                     | 7,146            | 10,966           | 13,127           | 14,293           |                  |
| Persons per Household                            | Full   | 3.16                      | 2.80             | 2.72             | 2.62             | 2.55             |                  |
| <b><u>Employment (by place of residence)</u></b> |        |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample | 5,436                     | 8,953            | 14,716           | 17,394           | 18,978           |                  |
| Armed Forces                                     | Sample | 35                        | 130              | 508              | 485              | 592              |                  |
| Not in Labor Force                               | Sample | 4,315                     | 6,296            | 7,515            | 8,870            | 10,311           |                  |
|  |        | 9,786                     | 15,379           | 22,739           | 26,749           | 29,881           |                  |
| Civilian Labor Force, % of labor force           | Sample | 99%                       | 99%              | 97%              | 97%              | 97%              |                  |
| Armed Forces, % of labor force                   | Sample | 1%                        | 1%               | 3%               | 3%               | 3%               |                  |
|  |        | 100%                      | 100%             | 100%             | 100%             | 100%             |                  |
| In Labor Force, % of pop. age 16+                | Sample | 56%                       | 59%              | 67%              | 67%              | 65%              |                  |
| Not in Labor Force, % of pop. age 16+            | Sample | 44%                       | 41%              | 33%              | 33%              | 35%              |                  |
|  |        | 100%                      | 100%             | 100%             | 100%             | 100%             |                  |
| <b><u>Vehicles</u></b>                           |        |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |        |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample | 810                       | 561              | 749              | 481              | 420              |                  |
| Occ'd Housing Units with Vehicles                | Sample | 3,620                     | 6,585            | 10,217           | 12,646           | 13,391           |                  |
|  |        | 4,430                     | 7,146            | 10,966           | 13,127           | 13,811           |                  |
| Zero-Vehicle Occupied Housing Units, %           | Sample | 18%                       | 8%               | 7%               | 4%               | 3%               |                  |
| Occupied Housing Units with Vehicles, %          | Sample | 82%                       | 92%              | 93%              | 96%              | 97%              |                  |
|  |        | 100%                      | 100%             | 100%             | 100%             | 100%             |                  |

| <b>Gloucester (whole county)</b>              |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 5,051            | 10,198           | 13,440           | n.a.             | n.a.             |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 2,594            | 3,035            | 2,375            | n.a.             | n.a.             |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 224              | 256              | 160              | n.a.             | n.a.             |
| Taxicab                                       | Sample | n.a.                      | 6                | 0                | 0                | n.a.             | n.a.             |
| Walked  | Sample | n.a.                      | 272              | 256              | 185              | n.a.             | n.a.             |
| Motorcycle                                    | Sample | n.a.                      | 21               | 35               | 35               | n.a.             | n.a.             |
| Bicycle                                       | Sample | n.a.                      | 10               | 12               | 50               | n.a.             | n.a.             |
| Other Means                                   | Sample | n.a.                      | 132              | 201              | 115              | n.a.             | n.a.             |
| Worked at Home                                | Sample | n.a.                      | 137              | 394              | 590              | n.a.             | n.a.             |
|   |        | n.a.                      | 8,447            | 14,387           | 16,950           | n.a.             | n.a.             |
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 60%              | 71%              | 79%              | n.a.             | n.a.             |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 31%              | 21%              | 14%              | n.a.             | n.a.             |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 2.7%             | 1.8%             | 0.9%             | n.a.             | n.a.             |
| Taxicab                                       | Sample | n.a.                      | 0.07%            | 0.00%            | 0.00%            | n.a.             | n.a.             |
| Walked  | Sample | n.a.                      | 3.2%             | 1.8%             | 1.1%             | n.a.             | n.a.             |
| Motorcycle                                    | Sample | n.a.                      | 0.2%             | 0.2%             | 0.2%             | n.a.             | n.a.             |
| Bicycle                                       | Sample | n.a.                      | 0.1%             | 0.1%             | 0.3%             | n.a.             | n.a.             |
| Other Means                                   | Sample | n.a.                      | 1.6%             | 1.4%             | 0.7%             | n.a.             | n.a.             |
| Worked at Home                                | Sample | n.a.                      | 1.6%             | 2.7%             | 3.5%             | n.a.             | n.a.             |
|   |        | n.a.                      | 100%             | 100%             | 100%             | n.a.             | n.a.             |
| <b><u>Travel Time to Work</u></b>             |        |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample | n.a.                      | 26.6             | 31.4             | 33.9             | 33.9             |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 1,344            | 1,462            | 1,549            | 1,433            |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 4,920            | 8,276            | 9,776            | 10,330           |                  |
| 45 or more minutes                            | Sample | n.a.                      | 1,892            | 4,255            | 5,037            | 5,738            |                  |
|   |        | n.a.                      | 8,156            | 13,993           | 16,362           | 17,501           |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 16%              | 10%              | 9%               | 8%               |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 60%              | 59%              | 60%              | 59%              |                  |
| 45 or more minutes                            | Sample | n.a.                      | 23%              | 30%              | 31%              | 33%              |                  |
|   |        | n.a.                      | 100%             | 100%             | 100%             | 100%             |                  |

| <b>Gloucester (whole county)</b>              |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 1,995            | 2,020            | 2,128            |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 3,328            | 4,055            | 4,461            |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 3,581            | 4,275            | 3,515            |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 1,928            | 2,330            | 3,041            |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 619              | 705              | 610              |                  |
| Other Times                                   | Sample | n.a.                      | n.a.             | 2,542            | 2,975            | 3,746            |                  |
|   |        |                           |                  | 13,993           | 16,360           | 17,501           |                  |
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 14%              | 12%              | 12%              |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 24%              | 25%              | 25%              |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 26%              | 26%              | 20%              |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 14%              | 14%              | 17%              |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 4%               | 4%               | 3%               |                  |
| Other Hours                                   | Sample | n.a.                      | n.a.             | 18%              | 18%              | 21%              |                  |
|   |        |                           |                  | 100%             | 100%             | 100%             |                  |
| <b><u>Place of Work</u></b>                   |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample | n.a.                      | n.a.             | 5,701            | 6,895            | 7,004            |                  |
| Work Outside County of Residence              | Sample | n.a.                      | n.a.             | 8,686            | 10,057           | 11,084           |                  |
|   |        |                           |                  | 14,387           | 16,952           | 18,088           |                  |
| Work In County of Residence, %                | Sample | n.a.                      | n.a.             | 40%              | 41%              | 39%              |                  |
| Work Outside County of Residence, %           | Sample | n.a.                      | n.a.             | 60%              | 59%              | 61%              |                  |
|   |        |                           |                  | 100%             | 100%             | 100%             |                  |

**Footnotes**<sup>1</sup>Source:

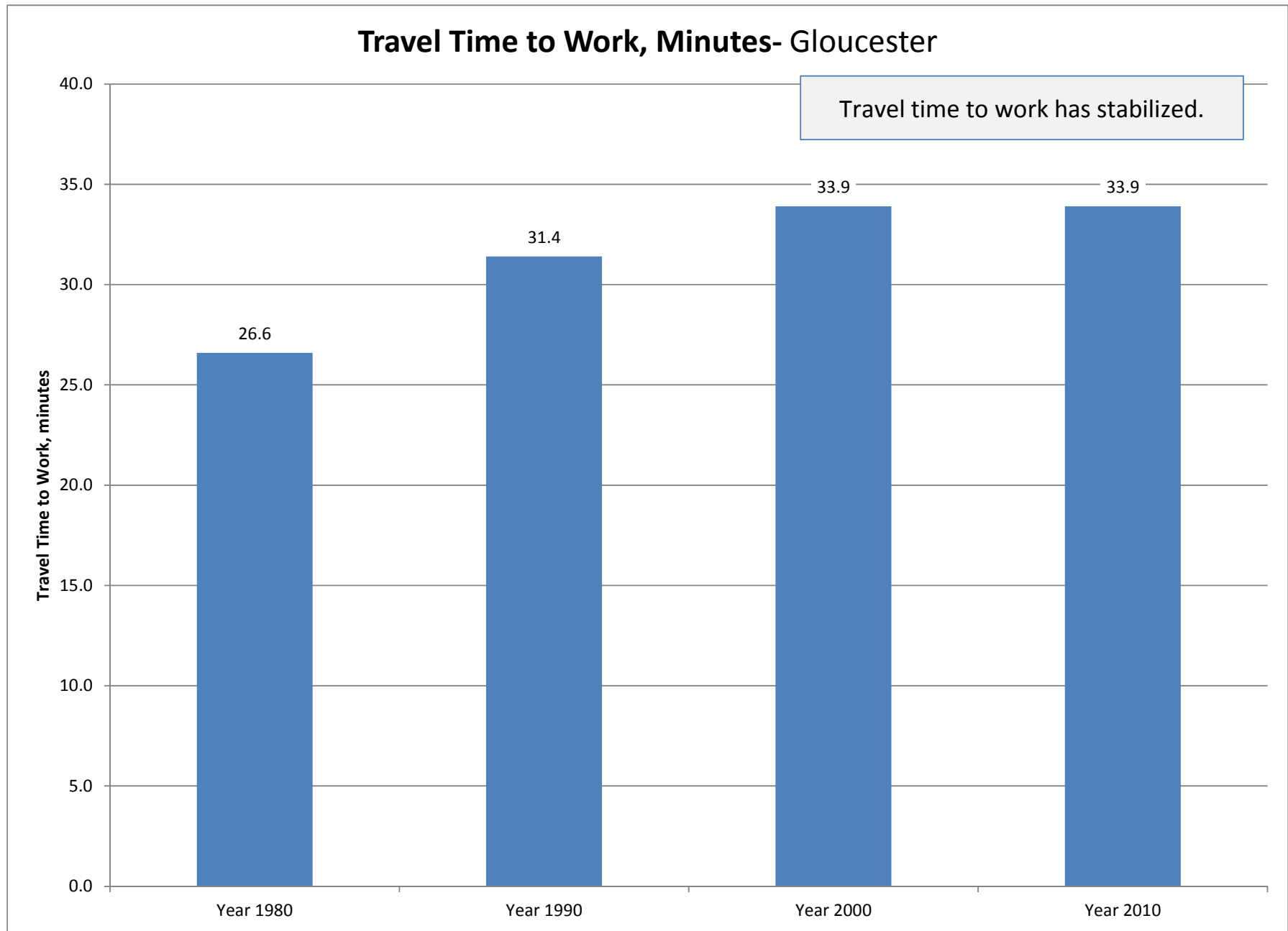
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



Data Source: HRTPO analysis of US Census data.



## Transportation Related Census Data, Hampton, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| <b>Hampton</b>  | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Population</b>                                     |                           |                  |                  |                  |                  |                  |
| Population  | Full                      | 120,779          | 122,617          | 133,793          | 146,437          | 137,436          |
|   |                           |                  | <u>1970's</u>    | <u>1980's</u>    | <u>1990's</u>    | <u>2000's</u>    |
| Growth Rate, annual                                   | Full                      | n.a.             | 0.2%             | 0.9%             | 0.9%             | -0.6%            |
| In Households   | Full                      | 115,443          | 117,586          | 128,156          | 133,969          | 132,982          |
| In Group Quarters                                     | Full                      | 5,336            | 5,031            | 5,637            | 12,468           | 4,454            |
|   |                           | 120,779          | 122,617          | 133,793          | 146,437          | 137,436          |
| Population in Group Quarters                          |                           |                  |                  |                  |                  |                  |
| In Nursing Facilities                                 | Mixed                     | 916              | 244              | 834              | 720              | 516              |
| In Other Institutional Facilities                     | Mixed                     | 217              | 1,027            | 676              | 8,621            | 386              |
| In College/University Student Housing                 | Mixed                     | 1,320            | 2,076            | 2,788            | 2,623            | 2,291            |
| In Military Quarters                                  | Mixed                     | 2,425            | 1,614            | 1,240            | 165              | 810              |
| In Other Noninstitutional Facilities                  | Mixed                     | 306              | 42               | 99               | 339              | 451              |
| Total <sup>2</sup>                                    |                           | 5,184            | 5,003            | 5,637            | 12,468           | 4,454            |
| Detail of "In Other Institutional Facilities" (above) |                           |                  |                  |                  |                  |                  |
| In Correctional Facilities                            | Full                      | n.a.             | n.a.             | 258              | 8,397            | 377              |
| In Other Institutional Facilities                     | Full                      | n.a.             | n.a.             | 418              | 224              | 9                |
|   |                           |                  |                  | 676              | 8,621            | 386              |
| <b>Age</b>  |                           |                  |                  |                  |                  |                  |
| Ages 0 thru 17  | Full                      | 44,790           | 35,639           | 33,418           | 35,497           | 31,274           |
| Ages 18 thru 64                                       | Full                      | 70,059           | 78,453           | 87,574           | 95,797           | 89,306           |
| Ages 65 thru 74                                       | Full                      | 3,842            | 5,606            | 8,406            | 8,503            | 9,376            |
| Age 75 and Over                                       | Full                      | 2,088            | 2,919            | 4,395            | 6,640            | 7,480            |
|   |                           | 120,779          | 122,617          | 133,793          | 146,437          | 137,436          |
| Ages 0 thru 17  | Full                      | 37%              | 29%              | 25%              | 24%              | 23%              |
| Ages 18 thru 64                                       | Full                      | 58%              | 64%              | 65%              | 65%              | 65%              |
| Ages 65 thru 74                                       | Full                      | 3%               | 5%               | 6%               | 6%               | 7%               |
| Age 75 and Over                                       | Full                      | 2%               | 2%               | 3%               | 5%               | 5%               |
|   |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

Note that Hampton's 2000 population (and group quarters count) was likely over-counted.

According to Hampton staff:

"The source of our 2000 Census population overcount was the result of a miscount of approximately 8,000 prisoners in Military Disciplinary Barracks in tract 102. (Tract 102 is defined completely by the boundaries of Langley Air Force Base....)" "Base sources confirmed there are no Military Disciplinary facilities on the base in 2000."

| <b>Hampton</b>                                   | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 34,586           | 41,506           | 49,673           | 53,887           | 55,031           |
| Persons per Household                            | Full                      | 3.34             | 2.83             | 2.58             | 2.49             | 2.42             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 41,686           | 52,125           | 62,755           | 65,087           | 66,437           |
| Armed Forces                                     | Sample                    | 8,006            | 7,748            | 8,685            | 6,703            | 5,094            |
| Not in Labor Force                               | Sample                    | 30,767           | 32,191           | 32,234           | 43,301           | 38,336           |
|  |                           | 80,459           | 92,064           | 103,674          | 115,091          | 109,867          |
| Civilian Labor Force, % of labor force           | Sample                    | 84%              | 87%              | 88%              | 91%              | 93%              |
| Armed Forces, % of labor force                   | Sample                    | 16%              | 13%              | 12%              | 9%               | 7%               |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| In Labor Force, % of pop. age 16+                | Sample                    | 62%              | 65%              | 69%              | 62%              | 65%              |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 38%              | 35%              | 31%              | 38%              | 35%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 4,186            | 4,215            | 4,716            | 4,692            | 4,036            |
| Occ'd Housing Units with Vehicles                | Sample                    | 30,400           | 37,291           | 44,957           | 49,195           | 47,507           |
|  |                           | 34,586           | 41,506           | 49,673           | 53,887           | 51,543           |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 12%              | 10%              | 9%               | 9%               | 8%               |
| Occupied Housing Units with Vehicles, %          | Sample                    | 88%              | 90%              | 91%              | 91%              | 92%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Hampton</b>                                |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 35,344           | 51,597           | 52,710           | 53,052           |                  |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 13,299           | 9,281            | 8,515            | 4,503            |                  |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 2,302            | 1,540            | 1,730            | 2,005            |                  |
| Taxicab                                       | Sample | n.a.                      | 72               | 79               | 100              | 44               |                  |
| Walked  | Sample | n.a.                      | 2,135            | 1,781            | 1,290            | 1,206            |                  |
| Motorcycle                                    | Sample | n.a.                      | 420              | 165              | 75               | 149              |                  |
| Bicycle                                       | Sample | n.a.                      | 358              | 251              | 195              | 68               |                  |
| Other Means                                   | Sample | n.a.                      | 519              | 410              | 490              | 544              |                  |
| Worked at Home                                | Sample | n.a.                      | 413              | 904              | 995              | 1,612            |                  |
|   |        | n.a.                      | 54,862           | 66,008           | 66,100           | 63,183           |                  |
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 64%              | 78%              | 80%              | 84%              |                  |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 24%              | 14%              | 13%              | 7%               |                  |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 4.2%             | 2.3%             | 2.6%             | 3.2%             |                  |
| Taxicab                                       | Sample | n.a.                      | 0.13%            | 0.12%            | 0.15%            | 0.07%            |                  |
| Walked  | Sample | n.a.                      | 3.9%             | 2.7%             | 2.0%             | 1.9%             |                  |
| Motorcycle                                    | Sample | n.a.                      | 0.8%             | 0.2%             | 0.1%             | 0.2%             |                  |
| Bicycle                                       | Sample | n.a.                      | 0.7%             | 0.4%             | 0.3%             | 0.1%             |                  |
| Other Means                                   | Sample | n.a.                      | 0.9%             | 0.6%             | 0.7%             | 0.9%             |                  |
| Worked at Home                                | Sample | n.a.                      | 0.8%             | 1.4%             | 1.5%             | 2.6%             |                  |
|   |        | n.a.                      | 100%             | 100%             | 100%             | 100%             |                  |
| <b><u>Travel Time to Work</u></b>             |        |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample | n.a.                      | 19.0             | 19.0             | 21.8             | 21.4             |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 7,593            | 9,304            | 7,860            | 6,194            |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 44,129           | 51,911           | 51,380           | 49,875           |                  |
| 45 or more minutes                            | Sample | n.a.                      | 2,994            | 3,889            | 5,867            | 5,502            |                  |
|   |        | n.a.                      | 54,716           | 65,104           | 65,107           | 61,571           |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 14%              | 14%              | 12%              | 10%              |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 81%              | 80%              | 79%              | 81%              |                  |
| 45 or more minutes                            | Sample | n.a.                      | 5%               | 6%               | 9%               | 9%               |                  |
|   |        | n.a.                      | 100%             | 100%             | 100%             | 100%             |                  |

| <b>Hampton</b>                                |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 4,721            | 6,000            | 6,480            |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 15,842           | 14,215           | 14,733           |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 20,556           | 20,095           | 16,920           |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 7,920            | 8,520            | 7,056            |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 2,814            | 3,265            | 2,488            |                  |
| Other Times                                   | Sample | n.a.                      | n.a.             | 13,251           | 13,025           | 13,894           |                  |
|   |        |                           |                  | 65,104           | 65,120           | 61,571           |                  |
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 7%               | 9%               | 11%              |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 24%              | 22%              | 24%              |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 32%              | 31%              | 27%              |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 12%              | 13%              | 11%              |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 4%               | 5%               | 4%               |                  |
| Other Hours                                   | Sample | n.a.                      | n.a.             | 20%              | 20%              | 23%              |                  |
|   |        |                           |                  | 100%             | 100%             | 100%             |                  |
| <b><u>Place of Work</u></b>                   |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample | n.a.                      | n.a.             | 37,136           | 34,274           | 30,643           |                  |
| Work Outside County of Residence              | Sample | n.a.                      | n.a.             | 28,872           | 31,827           | 32,540           |                  |
|   |        |                           |                  | 66,008           | 66,101           | 63,183           |                  |
| Work In County of Residence, %                | Sample | n.a.                      | n.a.             | 56%              | 52%              | 48%              |                  |
| Work Outside County of Residence, %           | Sample | n.a.                      | n.a.             | 44%              | 48%              | 52%              |                  |
|   |        |                           |                  | 100%             | 100%             | 100%             |                  |

**Footnotes**<sup>1</sup>Source:

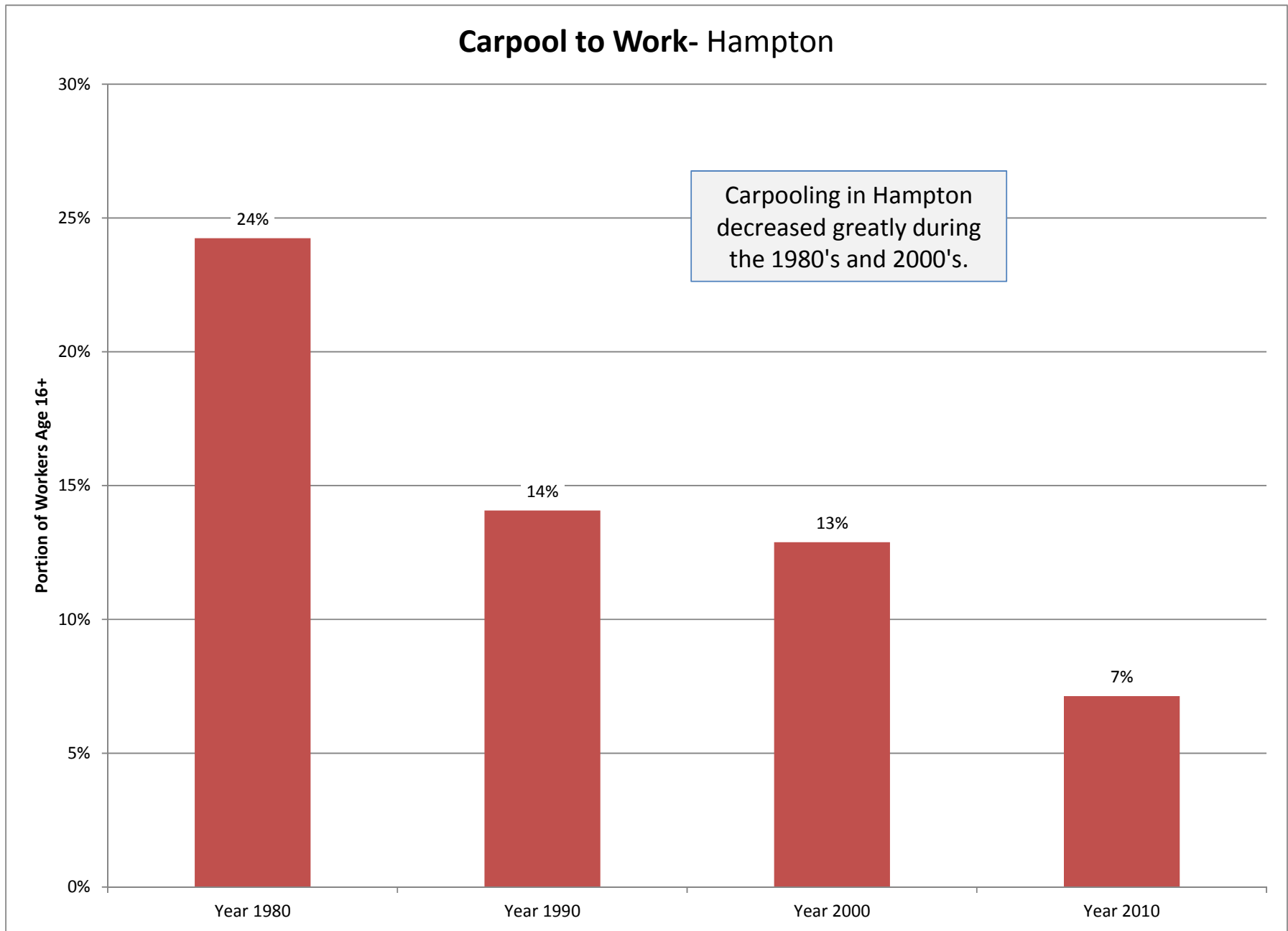
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, Isle of Wight, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| Isle of Wight   | Source <sup>1</sup> | Year 1970     | Year 1980     | Year 1990     | Year 2000     | Year 2010     |
|---|---------------------|---------------|---------------|---------------|---------------|---------------|
| <b>Population</b>                                     |                     |               |               |               |               |               |
| Population  | Full                | 18,285        | 21,603        | 25,053        | 29,728        | 35,270        |
|   |                     |               | <u>1970's</u> | <u>1980's</u> | <u>1990's</u> | <u>2000's</u> |
| Growth Rate, annual                                   | Full                | n.a.          | 1.7%          | 1.5%          | 1.7%          | 1.7%          |
| In Households   | Full                | 18,051        | 21,432        | 24,835        | 29,548        | 34,960        |
| In Group Quarters                                     | Full                | 234           | 171           | 218           | 180           | 310           |
|   |                     | <u>18,285</u> | <u>21,603</u> | <u>25,053</u> | <u>29,728</u> | <u>35,270</u> |
| Population in Group Quarters                          |                     |               |               |               |               |               |
| In Nursing Facilities                                 | Mixed               | 0             | 0             | 120           | 112           | 234           |
| In Other Institutional Facilities                     | Mixed               | 74            | 144           | 97            | 13            | 0             |
| In College/University Student Housing                 | Mixed               | 0             | 0             | 0             | 0             | 0             |
| In Military Quarters                                  | Mixed               | 5             | 0             | 0             | 0             | 0             |
| In Other Noninstitutional Facilities                  | Mixed               | 135           | 23            | 1             | 55            | 76            |
| Total <sup>2</sup>                                    |                     | <u>214</u>    | <u>167</u>    | <u>218</u>    | <u>180</u>    | <u>310</u>    |
| Detail of "In Other Institutional Facilities" (above) |                     |               |               |               |               |               |
| In Correctional Facilities                            | Full                | n.a.          | n.a.          | 97            | 0             | 0             |
| In Other Institutional Facilities                     | Full                | n.a.          | n.a.          | 0             | 13            | 0             |
|   |                     |               |               | <u>97</u>     | <u>13</u>     | <u>0</u>      |
| <b>Age</b>  |                     |               |               |               |               |               |
| Ages 0 thru 17  | Full                | 6,912         | 6,425         | 6,515         | 7,544         | 8,031         |
| Ages 18 thru 64                                       | Full                | 9,882         | 13,021        | 15,730        | 18,546        | 22,074        |
| Ages 65 thru 74                                       | Full                | 976           | 1,430         | 1,759         | 2,139         | 3,080         |
| Age 75 and Over                                       | Full                | 515           | 727           | 1,049         | 1,499         | 2,085         |
|   |                     | <u>18,285</u> | <u>21,603</u> | <u>25,053</u> | <u>29,728</u> | <u>35,270</u> |
| Ages 0 thru 17  | Full                | 38%           | 30%           | 26%           | 25%           | 23%           |
| Ages 18 thru 64                                       | Full                | 54%           | 60%           | 63%           | 62%           | 63%           |
| Ages 65 thru 74                                       | Full                | 5%            | 7%            | 7%            | 7%            | 9%            |
| Age 75 and Over                                       | Full                | 3%            | 3%            | 4%            | 5%            | 6%            |
|   |                     | <u>100%</u>   | <u>100%</u>   | <u>100%</u>   | <u>100%</u>   | <u>100%</u>   |

| <b>Isle of Wight</b>                             | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 5,025            | 7,046            | 9,032            | 11,319           | 13,718           |
| Persons per Household                            | Full                      | 3.59             | 3.04             | 2.75             | 2.61             | 2.55             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 6,705            | 9,823            | 12,414           | 14,689           | 18,493           |
| Armed Forces                                     | Sample                    | 30               | 19               | 196              | 162              | 394              |
| Not in Labor Force                               | Sample                    | 5,484            | 6,240            | 6,603            | 8,230            | 9,541            |
|  |                           | 12,219           | 16,082           | 19,213           | 23,081           | 28,428           |
| Civilian Labor Force, % of labor force           | Sample                    | 100%             | 100%             | 98%              | 99%              | 98%              |
| Armed Forces, % of labor force                   | Sample                    | 0%               | 0%               | 2%               | 1%               | 2%               |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| In Labor Force, % of pop. age 16+                | Sample                    | 55%              | 61%              | 66%              | 64%              | 66%              |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 45%              | 39%              | 34%              | 36%              | 34%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 1,084            | 656              | 812              | 659              | 617              |
| Occ'd Housing Units with Vehicles                | Sample                    | 3,941            | 6,390            | 8,220            | 10,660           | 12,647           |
|  |                           | 5,025            | 7,046            | 9,032            | 11,319           | 13,264           |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 22%              | 9%               | 9%               | 6%               | 5%               |
| Occupied Housing Units with Vehicles, %          | Sample                    | 78%              | 91%              | 91%              | 94%              | 95%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Isle of Wight</b>                          | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample                    | n.a.             | 5,626            | 8,668            | 11,795           | n.a.             |
| Carpooled (car, truck, van)                   | Sample                    | n.a.             | 2,789            | 2,138            | 1,515            | n.a.             |
| Public Transportation (excluding taxi)        | Sample                    | n.a.             | 116              | 154              | 15               | n.a.             |
| Taxicab                                       | Sample                    | n.a.             | 5                | 0                | 0                | n.a.             |
| Walked  | Sample                    | n.a.             | 360              | 297              | 155              | n.a.             |
| Motorcycle                                    | Sample                    | n.a.             | 29               | 0                | 0                | n.a.             |
| Bicycle                                       | Sample                    | n.a.             | 13               | 15               | 10               | n.a.             |
| Other Means                                   | Sample                    | n.a.             | 98               | 70               | 65               | n.a.             |
| Worked at Home                                | Sample                    | n.a.             | 263              | 295              | 430              | n.a.             |
|   |                           | n.a.             | 9,299            | 11,637           | 13,985           | n.a.             |
| <b><u>Means of Transportation to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample                    | n.a.             | 61%              | 74%              | 84%              | n.a.             |
| Carpooled (car, truck, van)                   | Sample                    | n.a.             | 30%              | 18%              | 11%              | n.a.             |
| Public Transportation (excluding taxi)        | Sample                    | n.a.             | 1.2%             | 1.3%             | 0.1%             | n.a.             |
| Taxicab                                       | Sample                    | n.a.             | 0.05%            | 0.00%            | 0.00%            | n.a.             |
| Walked  | Sample                    | n.a.             | 3.9%             | 2.6%             | 1.1%             | n.a.             |
| Motorcycle                                    | Sample                    | n.a.             | 0.3%             | 0.0%             | 0.0%             | n.a.             |
| Bicycle                                       | Sample                    | n.a.             | 0.1%             | 0.1%             | 0.1%             | n.a.             |
| Other Means                                   | Sample                    | n.a.             | 1.1%             | 0.6%             | 0.5%             | n.a.             |
| Worked at Home                                | Sample                    | n.a.             | 2.8%             | 2.5%             | 3.1%             | n.a.             |
|   |                           | n.a.             | 100%             | 100%             | 100%             | n.a.             |
| <b><u>Travel Time to Work</u></b>             |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample                    | n.a.             | 23.9             | 25.2             | 29.9             | 28.1             |
| Workers 16+ (Did Not Work at Home)            |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample                    | n.a.             | 1,707            | 1,590            | 1,247            | 1,907            |
| 10 to 44 minutes                              | Sample                    | n.a.             | 6,166            | 7,857            | 9,353            | 11,351           |
| 45 or more minutes                            | Sample                    | n.a.             | 1,535            | 1,895            | 2,956            | 3,326            |
|   |                           | n.a.             | 9,408            | 11,342           | 13,556           | 16,584           |
| Less than 10 minutes                          | Sample                    | n.a.             | 18%              | 14%              | 9%               | 11%              |
| 10 to 44 minutes                              | Sample                    | n.a.             | 66%              | 69%              | 69%              | 68%              |
| 45 or more minutes                            | Sample                    | n.a.             | 16%              | 17%              | 22%              | 20%              |
|   |                           | n.a.             | 100%             | 100%             | 100%             | 100%             |



| <b>Isle of Wight</b>                          | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 1,519            | 1,555            | 2,288            |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 2,972            | 3,515            | 4,066            |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 3,152            | 3,945            | 3,738            |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 1,291            | 1,630            | 2,281            |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 377              | 470              | 957              |
| Other Times                                   | Sample                    | n.a.             | n.a.             | 2,031            | 2,430            | 3,254            |
|   |                           |                  |                  | 11,342           | 13,545           | 16,584           |
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 13%              | 11%              | 14%              |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 26%              | 26%              | 25%              |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 28%              | 29%              | 23%              |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 11%              | 12%              | 14%              |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 3%               | 3%               | 6%               |
| Other Hours                                   | Sample                    | n.a.             | n.a.             | 18%              | 18%              | 20%              |
|   |                           |                  |                  | 100%             | 100%             | 100%             |
| <b><u>Place of Work</u></b>                   |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample                    | n.a.             | n.a.             | 4,747            | 5,118            | 6,020            |
| Work Outside County of Residence              | Sample                    | n.a.             | n.a.             | 6,890            | 8,868            | 11,239           |
|   |                           |                  |                  | 11,637           | 13,986           | 17,259           |
| Work In County of Residence, %                | Sample                    | n.a.             | n.a.             | 41%              | 37%              | 35%              |
| Work Outside County of Residence, %           | Sample                    | n.a.             | n.a.             | 59%              | 63%              | 65%              |
|   |                           |                  |                  | 100%             | 100%             | 100%             |

**Footnotes**<sup>1</sup>Source:

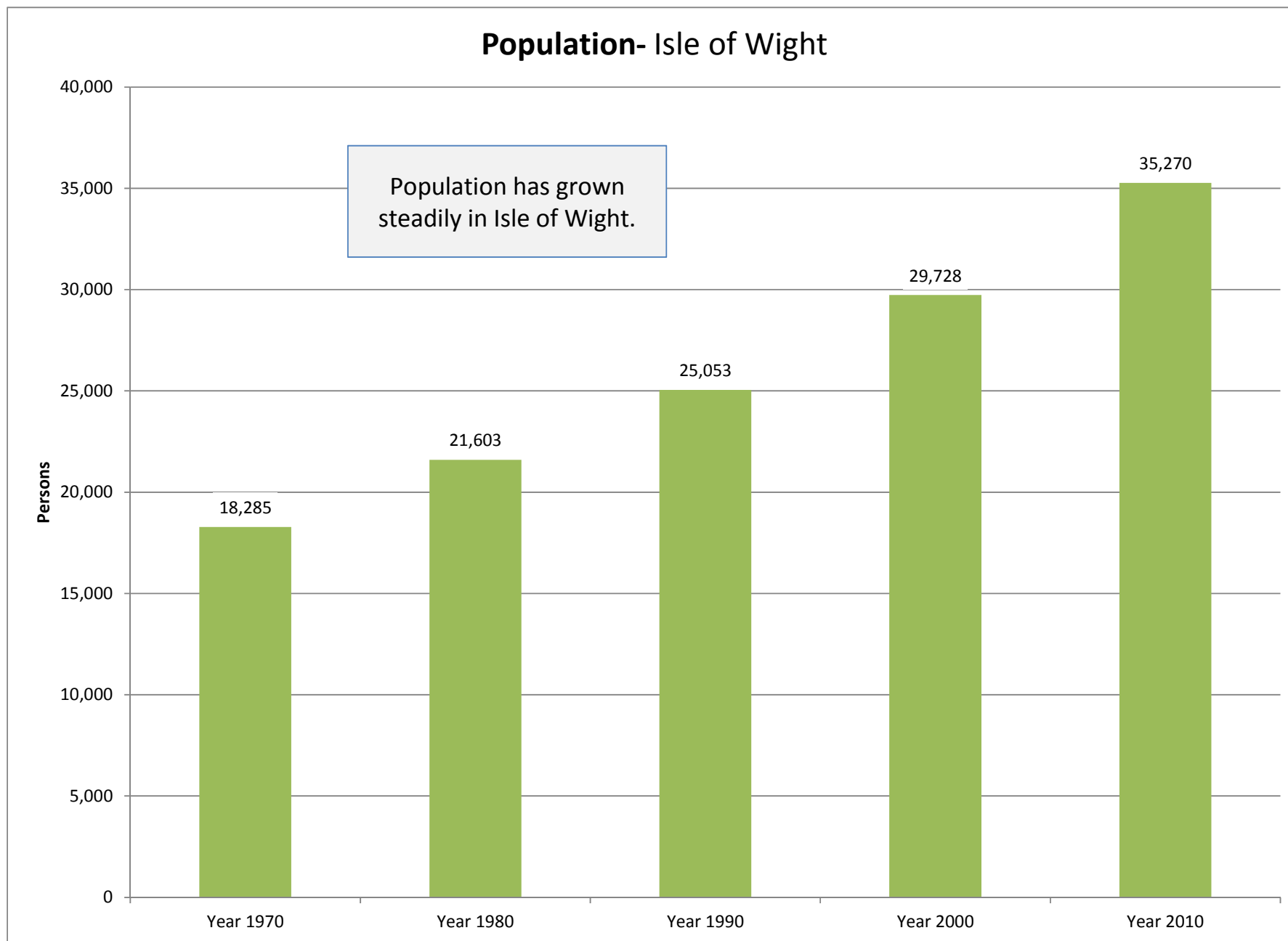
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, James City, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| James City  | Source <sup>1</sup> | Year 1970 | Year 1980     | Year 1990     | Year 2000     | Year 2010     |
|---|---------------------|-----------|---------------|---------------|---------------|---------------|
| <b>Population</b>                                     |                     |           |               |               |               |               |
| Population  | Full                | 17,853    | 22,763        | 34,859        | 48,102        | 67,009        |
|   |                     |           | <u>1970's</u> | <u>1980's</u> | <u>1990's</u> | <u>2000's</u> |
| Growth Rate, annual                                   | Full                | n.a.      | 2.5%          | 4.4%          | 3.3%          | 3.4%          |
| In Households   | Full                | 15,382    | 21,553        | 33,775        | 46,857        | 65,909        |
| In Group Quarters                                     | Full                | 2,471     | 1,210         | 1,084         | 1,245         | 1,100         |
|   |                     | 17,853    | 22,763        | 34,859        | 48,102        | 67,009        |
| Population in Group Quarters                          |                     |           |               |               |               |               |
| In Nursing Facilities                                 | Mixed               | 0         | 0             | 32            | 42            | 376           |
| In Other Institutional Facilities                     | Mixed               | 2,379     | 1,211         | 901           | 952           | 594           |
| In College/University Student Housing                 | Mixed               | 32        | 0             | 0             | 0             | 0             |
| In Military Quarters                                  | Mixed               | 0         | 0             | 84            | 0             | 0             |
| In Other Noninstitutional Facilities                  | Mixed               | 26        | 0             | 67            | 251           | 130           |
| Total <sup>2</sup>                                    |                     | 2,437     | 1,211         | 1,084         | 1,245         | 1,100         |
| Detail of "In Other Institutional Facilities" (above) |                     |           |               |               |               |               |
| In Correctional Facilities                            | Full                | n.a.      | n.a.          | 0             | 460           | 471           |
| In Other Institutional Facilities                     | Full                | n.a.      | n.a.          | 901           | 492           | 123           |
|   |                     |           |               | 901           | 952           | 594           |
| <b>Age</b>  |                     |           |               |               |               |               |
| Ages 0 thru 17  | Full                | 6,145     | 6,427         | 8,493         | 11,213        | 14,385        |
| Ages 18 thru 64                                       | Full                | 10,147    | 14,207        | 22,351        | 28,792        | 38,754        |
| Ages 65 thru 74                                       | Full                | 881       | 1,348         | 2,590         | 4,591         | 7,705         |
| Age 75 and Over                                       | Full                | 680       | 781           | 1,425         | 3,506         | 6,165         |
|   |                     | 17,853    | 22,763        | 34,859        | 48,102        | 67,009        |
| Ages 0 thru 17  | Full                | 34%       | 28%           | 24%           | 23%           | 21%           |
| Ages 18 thru 64                                       | Full                | 57%       | 62%           | 64%           | 60%           | 58%           |
| Ages 65 thru 74                                       | Full                | 5%        | 6%            | 7%            | 10%           | 11%           |
| Age 75 and Over                                       | Full                | 4%        | 3%            | 4%            | 7%            | 9%            |
|   |                     | 100%      | 100%          | 100%          | 100%          | 100%          |

| <b>James City</b>                                | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 4,555            | 7,639            | 12,968           | 19,003           | 26,860           |
| Persons per Household                            | Full                      | 3.38             | 2.82             | 2.60             | 2.47             | 2.45             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 6,253            | 10,877           | 18,215           | 22,800           | 32,294           |
| Armed Forces                                     | Sample                    | 466              | 220              | 356              | 328              | 754              |
| Not in Labor Force                               | Sample                    | 5,611            | 6,254            | 8,649            | 15,120           | 21,570           |
|  |                           | 12,330           | 17,351           | 27,220           | 38,248           | 54,618           |
| Civilian Labor Force, % of labor force           | Sample                    | 93%              | 98%              | 98%              | 99%              | 98%              |
| Armed Forces, % of labor force                   | Sample                    | 7%               | 2%               | 2%               | 1%               | 2%               |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| In Labor Force, % of pop. age 16+                | Sample                    | 54%              | 64%              | 68%              | 60%              | 61%              |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 46%              | 36%              | 32%              | 40%              | 39%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 626              | 559              | 523              | 947              | 960              |
| Occ'd Housing Units with Vehicles                | Sample                    | 3,929            | 7,080            | 12,445           | 18,056           | 25,491           |
|  |                           | 4,555            | 7,639            | 12,968           | 19,003           | 26,451           |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 14%              | 7%               | 4%               | 5%               | 4%               |
| Occupied Housing Units with Vehicles, %          | Sample                    | 86%              | 93%              | 96%              | 95%              | 96%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>James City</b>                             | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample                    | n.a.             | 6,785            | 13,761           | 17,970           | n.a.             |
| Carpooled (car, truck, van)                   | Sample                    | n.a.             | 2,488            | 2,738            | 2,200            | n.a.             |
| Public Transportation (excluding taxi)        | Sample                    | n.a.             | 187              | 144              | 170              | n.a.             |
| Taxicab                                       | Sample                    | n.a.             | 55               | 27               | 15               | n.a.             |
| Walked  | Sample                    | n.a.             | 239              | 297              | 300              | n.a.             |
| Motorcycle                                    | Sample                    | n.a.             | 49               | 18               | 4                | n.a.             |
| Bicycle                                       | Sample                    | n.a.             | 68               | 29               | 45               | n.a.             |
| Other Means                                   | Sample                    | n.a.             | 90               | 144              | 175              | n.a.             |
| Worked at Home                                | Sample                    | n.a.             | 172              | 534              | 1,040            | n.a.             |
|   |                           | n.a.             | 10,133           | 17,692           | 21,919           | n.a.             |
| <b><u>Means of Transportation to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample                    | n.a.             | 67%              | 78%              | 82%              | n.a.             |
| Carpooled (car, truck, van)                   | Sample                    | n.a.             | 25%              | 15%              | 10%              | n.a.             |
| Public Transportation (excluding taxi)        | Sample                    | n.a.             | 1.8%             | 0.8%             | 0.8%             | n.a.             |
| Taxicab                                       | Sample                    | n.a.             | 0.54%            | 0.15%            | 0.07%            | n.a.             |
| Walked  | Sample                    | n.a.             | 2.4%             | 1.7%             | 1.4%             | n.a.             |
| Motorcycle                                    | Sample                    | n.a.             | 0.5%             | 0.1%             | 0.0%             | n.a.             |
| Bicycle                                       | Sample                    | n.a.             | 0.7%             | 0.2%             | 0.2%             | n.a.             |
| Other Means                                   | Sample                    | n.a.             | 0.9%             | 0.8%             | 0.8%             | n.a.             |
| Worked at Home                                | Sample                    | n.a.             | 1.7%             | 3.0%             | 4.7%             | n.a.             |
|   |                           | n.a.             | 100%             | 100%             | 100%             | n.a.             |
| <b><u>Travel Time to Work</u></b>             |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample                    | n.a.             | 20.0             | 21.2             | 24.6             | 23.6             |
| Workers 16+ (Did Not Work at Home)            |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample                    | n.a.             | 1,501            | 2,395            | 3,023            | 2,715            |
| 10 to 44 minutes                              | Sample                    | n.a.             | 7,335            | 12,849           | 14,744           | 22,147           |
| 45 or more minutes                            | Sample                    | n.a.             | 930              | 1,914            | 3,117            | 3,731            |
|   |                           | n.a.             | 9,766            | 17,158           | 20,884           | 28,593           |
| Less than 10 minutes                          | Sample                    | n.a.             | 15%              | 14%              | 14%              | 9%               |
| 10 to 44 minutes                              | Sample                    | n.a.             | 75%              | 75%              | 71%              | 77%              |
| 45 or more minutes                            | Sample                    | n.a.             | 10%              | 11%              | 15%              | 13%              |
|   |                           | n.a.             | 100%             | 100%             | 100%             | 100%             |

| <b>James City</b>                             | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 971              | 1,290            | 1,399            |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 3,038            | 3,850            | 5,487            |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 5,652            | 6,500            | 8,027            |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 3,581            | 4,110            | 6,567            |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 1,098            | 1,810            | 1,820            |
| Other Times                                   | Sample                    | n.a.             | n.a.             | 2,818            | 3,340            | 5,293            |
|   |                           |                  |                  | 17,158           | 20,900           | 28,593           |
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 6%               | 6%               | 5%               |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 18%              | 18%              | 19%              |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 33%              | 31%              | 28%              |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 21%              | 20%              | 23%              |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 6%               | 9%               | 6%               |
| Other Hours                                   | Sample                    | n.a.             | n.a.             | 16%              | 16%              | 19%              |
|   |                           |                  |                  | 100%             | 100%             | 100%             |
| <b><u>Place of Work</u></b>                   |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample                    | n.a.             | n.a.             | 2,026            | 9,337            | 12,781           |
| Work Outside County of Residence              | Sample                    | n.a.             | n.a.             | 15,666           | 12,585           | 17,379           |
|   |                           |                  |                  | 17,692           | 21,922           | 30,160           |
| Work In County of Residence, %                | Sample                    | n.a.             | n.a.             | 11%              | 43%              | 42%              |
| Work Outside County of Residence, %           | Sample                    | n.a.             | n.a.             | 89%              | 57%              | 58%              |
|   |                           |                  |                  | 100%             | 100%             | 100%             |

**Footnotes**<sup>1</sup>Source:

Full: Based on entire population and every housing unit.

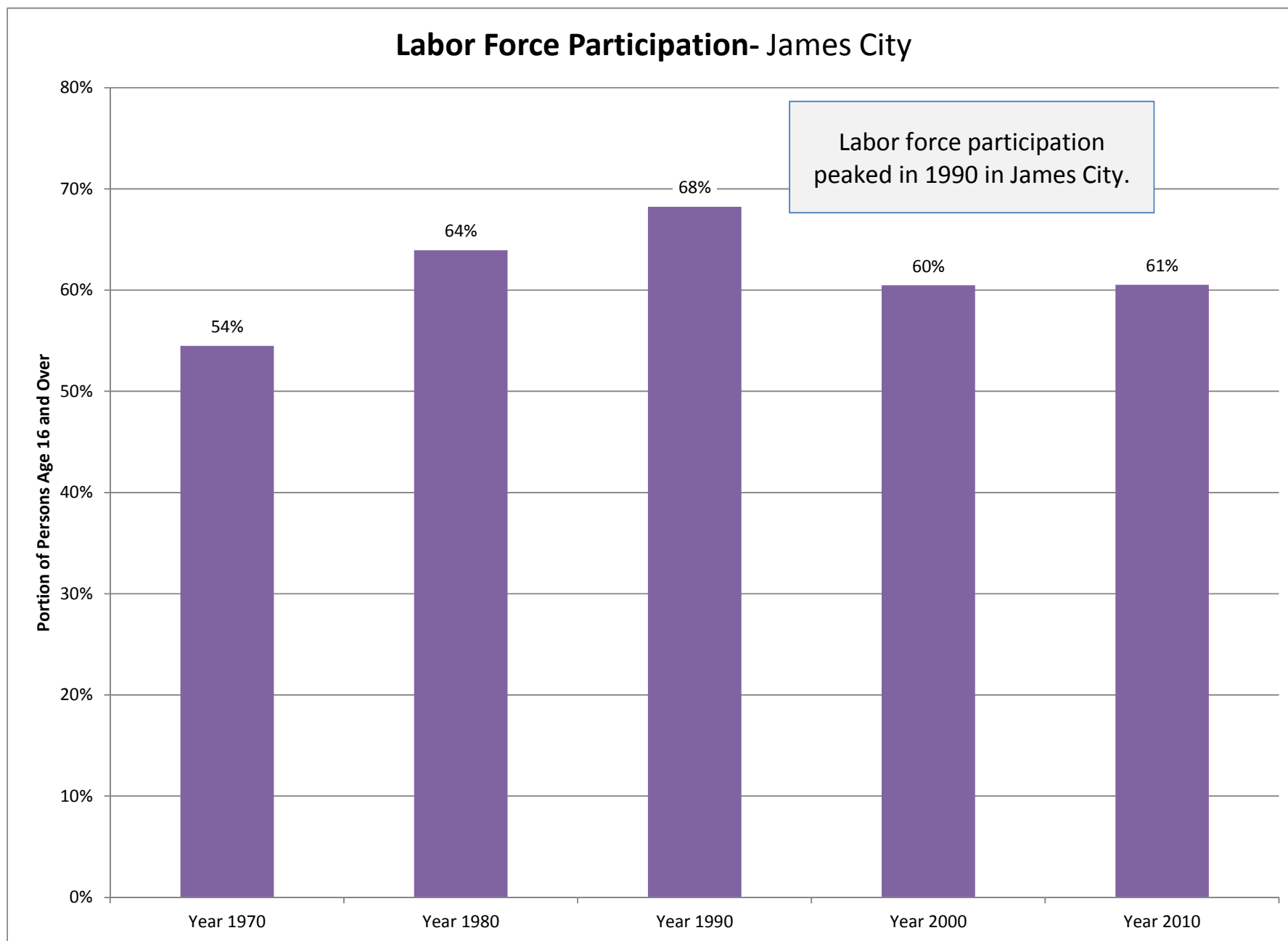
Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.

In light of the volatility of these work location numbers, note that some employers in James City use "Williamsburg" as their address.



Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, Mathews, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| <b>Mathews</b>  | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Population</b>                                     |                           |                  |                  |                  |                  |                  |
| Population  | Full                      | 7,168            | 7,995            | 8,348            | 9,207            | 8,978            |
|   |                           |                  | <u>1970's</u>    | <u>1980's</u>    | <u>1990's</u>    | <u>2000's</u>    |
| Growth Rate, annual                                   | Full                      | n.a.             | 1.1%             | 0.4%             | 1.0%             | -0.3%            |
| In Households   | Full                      | 7,044            | 7,882            | 8,280            | 9,138            | 8,884            |
| In Group Quarters                                     | Full                      | 124              | 113              | 68               | 69               | 94               |
|   |                           | <u>7,168</u>     | <u>7,995</u>     | <u>8,348</u>     | <u>9,207</u>     | <u>8,978</u>     |
| Population in Group Quarters                          |                           |                  |                  |                  |                  |                  |
| In Nursing Facilities                                 | Mixed                     | 108              | 93               | 57               | 60               | 60               |
| In Other Institutional Facilities                     | Mixed                     | 0                | 0                | 0                | 0                | 0                |
| In College/University Student Housing                 | Mixed                     | 0                | 0                | 0                | 0                | 0                |
| In Military Quarters                                  | Mixed                     | 19               | 22               | 11               | 6                | 8                |
| In Other Noninstitutional Facilities                  | Mixed                     | 0                | 0                | 0                | 3                | 26               |
| Total <sup>2</sup>                                    |                           | <u>127</u>       | <u>115</u>       | <u>68</u>        | <u>69</u>        | <u>94</u>        |
| Detail of "In Other Institutional Facilities" (above) |                           |                  |                  |                  |                  |                  |
| In Correctional Facilities                            | Full                      | n.a.             | n.a.             | 0                | 0                | 0                |
| In Other Institutional Facilities                     | Full                      | n.a.             | n.a.             | 0                | 0                | 0                |
|   |                           |                  |                  | <u>0</u>         | <u>0</u>         | <u>0</u>         |
| <b>Age</b>  |                           |                  |                  |                  |                  |                  |
| Ages 0 thru 17  | Full                      | 1,947            | 1,803            | 1,689            | 1,831            | 1,634            |
| Ages 18 thru 64                                       | Full                      | 3,784            | 4,436            | 4,768            | 5,383            | 5,054            |
| Ages 65 thru 74                                       | Full                      | 862              | 1,033            | 1,026            | 1,050            | 1,316            |
| Age 75 and Over                                       | Full                      | 575              | 723              | 865              | 943              | 974              |
|   |                           | <u>7,168</u>     | <u>7,995</u>     | <u>8,348</u>     | <u>9,207</u>     | <u>8,978</u>     |
| Ages 0 thru 17  | Full                      | 27%              | 23%              | 20%              | 20%              | 18%              |
| Ages 18 thru 64                                       | Full                      | 53%              | 55%              | 57%              | 58%              | 56%              |
| Ages 65 thru 74                                       | Full                      | 12%              | 13%              | 12%              | 11%              | 15%              |
| Age 75 and Over                                       | Full                      | 8%               | 9%               | 10%              | 10%              | 11%              |
|   |                           | <u>100%</u>      | <u>100%</u>      | <u>100%</u>      | <u>100%</u>      | <u>100%</u>      |



| <b>Mathews</b>                                   | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 2,504            | 3,118            | 3,530            | 3,932            | 3,858            |
| Persons per Household                            | Full                      | 2.81             | 2.53             | 2.35             | 2.32             | 2.30             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 2,825            | 3,340            | 3,990            | 4,180            | n.a.             |
| Armed Forces                                     | Sample                    | 24               | 38               | 32               | 62               | n.a.             |
| Not in Labor Force                               | Sample                    | 2,609            | 3,127            | 2,841            | 3,327            | n.a.             |
|  |                           | 5,458            | 6,505            | 6,863            | 7,569            | n.a.             |
| Civilian Labor Force, % of labor force           | Sample                    | 99%              | 99%              | 99%              | 99%              | n.a.             |
| Armed Forces, % of labor force                   | Sample                    | 1%               | 1%               | 1%               | 1%               | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |
| In Labor Force, % of pop. age 16+                | Sample                    | 52%              | 52%              | 59%              | 56%              | n.a.             |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 48%              | 48%              | 41%              | 44%              | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 306              | 254              | 303              | 176              | n.a.             |
| Occ'd Housing Units with Vehicles                | Sample                    | 2,198            | 2,864            | 3,227            | 3,756            | n.a.             |
|  |                           | 2,504            | 3,118            | 3,530            | 3,932            | n.a.             |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 12%              | 8%               | 9%               | 4%               | n.a.             |
| Occupied Housing Units with Vehicles, %          | Sample                    | 88%              | 92%              | 91%              | 96%              | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |

| <b>Mathews</b>                                | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample                    | n.a.             | 1,737            | 2,563            | 3,040            | n.a.             |
| Carpooled (car, truck, van)                   | Sample                    | n.a.             | 932              | 822              | 549              | n.a.             |
| Public Transportation (excluding taxi)        | Sample                    | n.a.             | 194              | 142              | 105              | n.a.             |
| Taxicab                                       | Sample                    | n.a.             | 0                | 0                | 0                | n.a.             |
| Walked  | Sample                    | n.a.             | 90               | 95               | 85               | n.a.             |
| Motorcycle                                    | Sample                    | n.a.             | 0                | 0                | 0                | n.a.             |
| Bicycle                                       | Sample                    | n.a.             | 17               | 0                | 0                | n.a.             |
| Other Means                                   | Sample                    | n.a.             | 68               | 51               | 65               | n.a.             |
| Worked at Home                                | Sample                    | n.a.             | 82               | 184              | 180              | n.a.             |
|   |                           | n.a.             | 3,120            | 3,857            | 4,024            | n.a.             |
| <b><u>Means of Transportation to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample                    | n.a.             | 56%              | 66%              | 76%              | n.a.             |
| Carpooled (car, truck, van)                   | Sample                    | n.a.             | 30%              | 21%              | 14%              | n.a.             |
| Public Transportation (excluding taxi)        | Sample                    | n.a.             | 6.2%             | 3.7%             | 2.6%             | n.a.             |
| Taxicab                                       | Sample                    | n.a.             | 0.00%            | 0.00%            | 0.00%            | n.a.             |
| Walked  | Sample                    | n.a.             | 2.9%             | 2.5%             | 2.1%             | n.a.             |
| Motorcycle                                    | Sample                    | n.a.             | 0.0%             | 0.0%             | 0.0%             | n.a.             |
| Bicycle                                       | Sample                    | n.a.             | 0.5%             | 0.0%             | 0.0%             | n.a.             |
| Other Means                                   | Sample                    | n.a.             | 2.2%             | 1.3%             | 1.6%             | n.a.             |
| Worked at Home                                | Sample                    | n.a.             | 2.6%             | 4.8%             | 4.5%             | n.a.             |
|   |                           | n.a.             | 100%             | 100%             | 100%             | n.a.             |
| <b><u>Travel Time to Work</u></b>             |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample                    | n.a.             | 29.0             | 32.8             | 45.8             | n.a.             |
| Workers 16+ (Did Not Work at Home)            |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample                    | n.a.             | 567              | 571              | 535              | n.a.             |
| 10 to 44 minutes                              | Sample                    | n.a.             | 1,596            | 1,906            | 1,785            | n.a.             |
| 45 or more minutes                            | Sample                    | n.a.             | 799              | 1,196            | 1,530            | n.a.             |
|   |                           | n.a.             | 2,962            | 3,673            | 3,850            | n.a.             |
| Less than 10 minutes                          | Sample                    | n.a.             | 19%              | 16%              | 14%              | n.a.             |
| 10 to 44 minutes                              | Sample                    | n.a.             | 54%              | 52%              | 46%              | n.a.             |
| 45 or more minutes                            | Sample                    | n.a.             | 27%              | 33%              | 40%              | n.a.             |
|   |                           | n.a.             | 100%             | 100%             | 100%             | n.a.             |

| <b>Mathews</b>                                | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 599              | 445              | n.a.             |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 587              | 680              | n.a.             |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 1,079            | 1,210            | n.a.             |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 594              | 555              | n.a.             |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 189              | 160              | n.a.             |
| Other Times                                   | Sample                    | n.a.             | n.a.             | 625              | 800              | n.a.             |
|   |                           | n.a.             | n.a.             | 3,673            | 3,850            | n.a.             |
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 16%              | 12%              | n.a.             |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 16%              | 18%              | n.a.             |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 29%              | 31%              | n.a.             |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 16%              | 14%              | n.a.             |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 5%               | 4%               | n.a.             |
| Other Hours                                   | Sample                    | n.a.             | n.a.             | 17%              | 21%              | n.a.             |
|   |                           | n.a.             | n.a.             | 100%             | 100%             | n.a.             |
| <b><u>Place of Work</u></b>                   |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample                    | n.a.             | n.a.             | 1,749            | 1,575            | n.a.             |
| Work Outside County of Residence              | Sample                    | n.a.             | n.a.             | 2,108            | 2,445            | n.a.             |
|   |                           | n.a.             | n.a.             | 3,857            | 4,020            | n.a.             |
| Work In County of Residence, %                | Sample                    | n.a.             | n.a.             | 45%              | 39%              | n.a.             |
| Work Outside County of Residence, %           | Sample                    | n.a.             | n.a.             | 55%              | 61%              | n.a.             |
|   |                           | n.a.             | n.a.             | 100%             | 100%             | n.a.             |

**Footnotes**<sup>1</sup>Source:

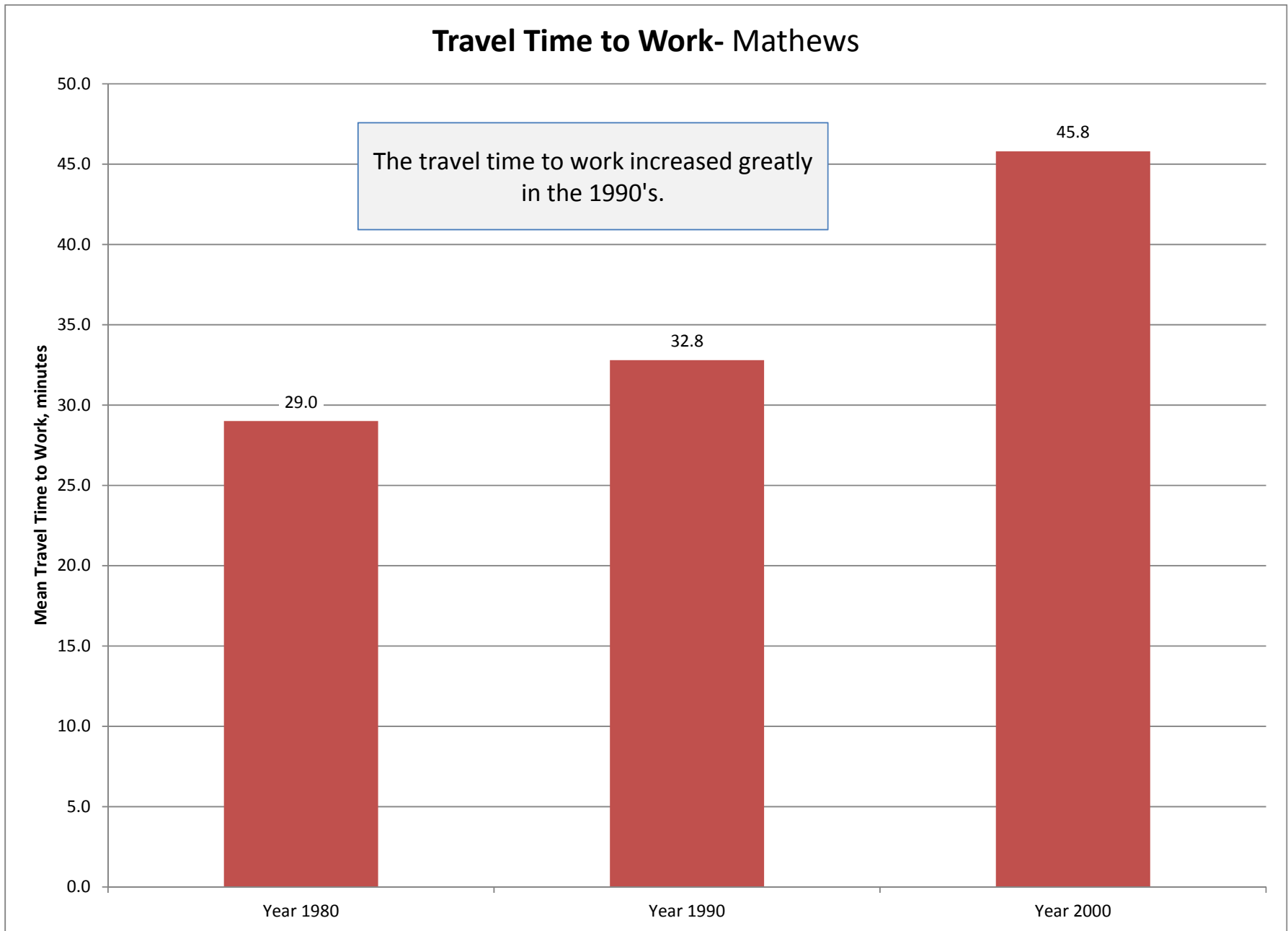
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, Newport News, 1970-2010

Source: HRTPO analysis of US Census data  
Source file: master.xlsx

Note that Newport News 2000 population was revised to 180,697 following the 2000 Census..

| Newport News  |  | Source <sup>1</sup> | Year 1970 | Year 1980     | Year 1990     | Year 2000     | Year 2010     |
|---|--|---------------------|-----------|---------------|---------------|---------------|---------------|
| <b>Population</b>                                     |  |                     |           |               |               |               |               |
| Population  |  | Full                | 138,177   | 144,903       | 170,045       | 180,150       | 180,719       |
|   |  |                     |           | <u>1970's</u> | <u>1980's</u> | <u>1990's</u> | <u>2000's</u> |
| Growth Rate, annual                                   |  | Full                | n.a.      | 0.5%          | 1.6%          | 0.6%          | 0.0%          |
| In Households   |  | Full                | 128,259   | 140,077       | 165,455       | 174,317       | 173,220       |
| In Group Quarters                                     |  | Full                | 9,918     | 4,826         | 4,590         | 5,833         | 7,499         |
|   |  |                     | 138,177   | 144,903       | 170,045       | 180,150       | 180,719       |
| Population in Group Quarters                          |  |                     |           |               |               |               |               |
| In Nursing Facilities                                 |  | Mixed               | 344       | 630           | 921           | 1,122         | 633           |
| In Other Institutional Facilities                     |  | Mixed               | 492       | 615           | 672           | 942           | 922           |
| In College/University Student Housing                 |  | Mixed               | 12        | 0             | 40            | 676           | 2,790         |
| In Military Quarters                                  |  | Mixed               | 8,591     | 3,246         | 2,649         | 2,523         | 2,634         |
| In Other Noninstitutional Facilities                  |  | Mixed               | 393       | 409           | 308           | 570           | 520           |
| Total <sup>2</sup>                                    |  |                     | 9,832     | 4,900         | 4,590         | 5,833         | 7,499         |
| Detail of "In Other Institutional Facilities" (above) |  |                     |           |               |               |               |               |
| In Correctional Facilities                            |  | Full                | n.a.      | n.a.          | 394           | 757           | 786           |
| In Other Institutional Facilities                     |  | Full                | n.a.      | n.a.          | 278           | 185           | 136           |
|   |  |                     |           |               | 672           | 942           | 922           |
| <b>Age</b>  |  |                     |           |               |               |               |               |
| Ages 0 thru 17  |  | Full                | 48,308    | 41,223        | 46,666        | 49,525        | 43,913        |
| Ages 18 thru 64                                       |  | Full                | 82,467    | 92,308        | 107,575       | 112,472       | 117,587       |
| Ages 65 thru 74                                       |  | Full                | 4,748     | 7,298         | 10,009        | 9,758         | 10,339        |
| Age 75 and Over                                       |  | Full                | 2,654     | 4,074         | 5,795         | 8,395         | 8,880         |
|   |  |                     | 138,177   | 144,903       | 170,045       | 180,150       | 180,719       |
| Ages 0 thru 17  |  | Full                | 35%       | 28%           | 27%           | 27%           | 24%           |
| Ages 18 thru 64                                       |  | Full                | 60%       | 64%           | 63%           | 62%           | 65%           |
| Ages 65 thru 74                                       |  | Full                | 3%        | 5%            | 6%            | 5%            | 6%            |
| Age 75 and Over                                       |  | Full                | 2%        | 3%            | 3%            | 5%            | 5%            |
|   |  |                     | 100%      | 100%          | 100%          | 100%          | 100%          |

| <b>Newport News</b>                              | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 39,537           | 51,314           | 63,952           | 69,686           | 70,664           |
| Persons per Household                            | Full                      | 3.24             | 2.73             | 2.59             | 2.50             | 2.45             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 47,084           | 63,369           | 78,263           | 82,798           | 90,414           |
| Armed Forces                                     | Sample                    | 14,328           | 9,388            | 11,259           | 9,788            | 8,796            |
| Not in Labor Force                               | Sample                    | 33,375           | 36,105           | 38,199           | 42,946           | 42,202           |
|  |                           | 94,787           | 108,862          | 127,721          | 135,532          | 141,412          |
| Civilian Labor Force, % of labor force           | Sample                    | 77%              | 87%              | 87%              | 89%              | 91%              |
| Armed Forces, % of labor force                   | Sample                    | 23%              | 13%              | 13%              | 11%              | 9%               |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| In Labor Force, % of pop. age 16+                | Sample                    | 65%              | 67%              | 70%              | 68%              | 70%              |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 35%              | 33%              | 30%              | 32%              | 30%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 7,285            | 7,102            | 8,089            | 7,913            | 6,514            |
| Occ'd Housing Units with Vehicles                | Sample                    | 32,252           | 44,212           | 55,863           | 61,773           | 62,621           |
|  |                           | 39,537           | 51,314           | 63,952           | 69,686           | 69,135           |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 18%              | 14%              | 13%              | 11%              | 9%               |
| Occupied Housing Units with Vehicles, %          | Sample                    | 82%              | 86%              | 87%              | 89%              | 91%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Newport News</b>                           |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 39,501           | 61,048           | 67,920           | 69,030           |                  |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 17,243           | 12,496           | 11,185           | 8,790            |                  |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 3,841            | 2,339            | 2,270            | 2,953            |                  |
| Taxicab                                       | Sample | n.a.                      | 193              | 109              | 130              | 142              |                  |
| Walked  | Sample | n.a.                      | 4,078            | 3,972            | 2,285            | 3,414            |                  |
| Motorcycle                                    | Sample | n.a.                      | 458              | 251              | 145              | 187              |                  |
| Bicycle                                       | Sample | n.a.                      | 395              | 477              | 305              | 148              |                  |
| Other Means                                   | Sample | n.a.                      | 558              | 791              | 620              | 512              |                  |
| Worked at Home                                | Sample | n.a.                      | 756              | 1,179            | 1,415            | 2,272            |                  |
|   |        | n.a.                      | 67,023           | 82,662           | 86,275           | 87,448           |                  |
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 59%              | 74%              | 79%              | 79%              |                  |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 26%              | 15%              | 13%              | 10%              |                  |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 5.7%             | 2.8%             | 2.6%             | 3.4%             |                  |
| Taxicab                                       | Sample | n.a.                      | 0.29%            | 0.13%            | 0.15%            | 0.16%            |                  |
| Walked  | Sample | n.a.                      | 6.1%             | 4.8%             | 2.6%             | 3.9%             |                  |
| Motorcycle                                    | Sample | n.a.                      | 0.7%             | 0.3%             | 0.2%             | 0.2%             |                  |
| Bicycle                                       | Sample | n.a.                      | 0.6%             | 0.6%             | 0.4%             | 0.2%             |                  |
| Other Means                                   | Sample | n.a.                      | 0.8%             | 1.0%             | 0.7%             | 0.6%             |                  |
| Worked at Home                                | Sample | n.a.                      | 1.1%             | 1.4%             | 1.6%             | 2.6%             |                  |
|   |        | n.a.                      | 100%             | 100%             | 100%             | 100%             |                  |
| <b><u>Travel Time to Work</u></b>             |        |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample | n.a.                      | 21.1             | 19.8             | 23.0             | 21.7             |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 8,638            | 12,214           | 10,668           | 10,929           |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 52,417           | 63,559           | 65,433           | 65,662           |                  |
| 45 or more minutes                            | Sample | n.a.                      | 4,965            | 5,710            | 8,764            | 8,585            |                  |
|   |        | n.a.                      | 66,020           | 81,483           | 84,865           | 85,176           |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 13%              | 15%              | 13%              | 13%              |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 79%              | 78%              | 77%              | 77%              |                  |
| 45 or more minutes                            | Sample | n.a.                      | 8%               | 7%               | 10%              | 10%              |                  |
|   |        | n.a.                      | 100%             | 100%             | 100%             | 100%             |                  |

| <b>Newport News</b>                           |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 8,416            | 8,515            | 9,497            |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 21,603           | 19,825           | 18,268           |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 21,958           | 22,875           | 21,042           |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 10,376           | 11,990           | 14,110           |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 3,713            | 3,940            | 4,221            |                  |
| Other Times                                   | Sample | n.a.                      | n.a.             | 15,417           | 17,735           | 18,038           |                  |
|   |        |                           |                  | 81,483           | 84,880           | 85,176           |                  |
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 10%              | 10%              | 11%              |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 27%              | 23%              | 21%              |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 27%              | 27%              | 25%              |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 13%              | 14%              | 17%              |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 5%               | 5%               | 5%               |                  |
| Other Hours                                   | Sample | n.a.                      | n.a.             | 19%              | 21%              | 21%              |                  |
|   |        |                           |                  | 100%             | 100%             | 100%             |                  |
| <b><u>Place of Work</u></b>                   |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample | n.a.                      | n.a.             | 54,958           | 48,421           | 51,711           |                  |
| Work Outside County of Residence              | Sample | n.a.                      | n.a.             | 27,704           | 37,861           | 35,737           |                  |
|   |        |                           |                  | 82,662           | 86,282           | 87,448           |                  |
| Work In County of Residence, %                | Sample | n.a.                      | n.a.             | 66%              | 56%              | 59%              |                  |
| Work Outside County of Residence, %           | Sample | n.a.                      | n.a.             | 34%              | 44%              | 41%              |                  |
|   |        |                           |                  | 100%             | 100%             | 100%             |                  |

**Footnotes**<sup>1</sup>Source:

Full: Based on entire population and every housing unit.

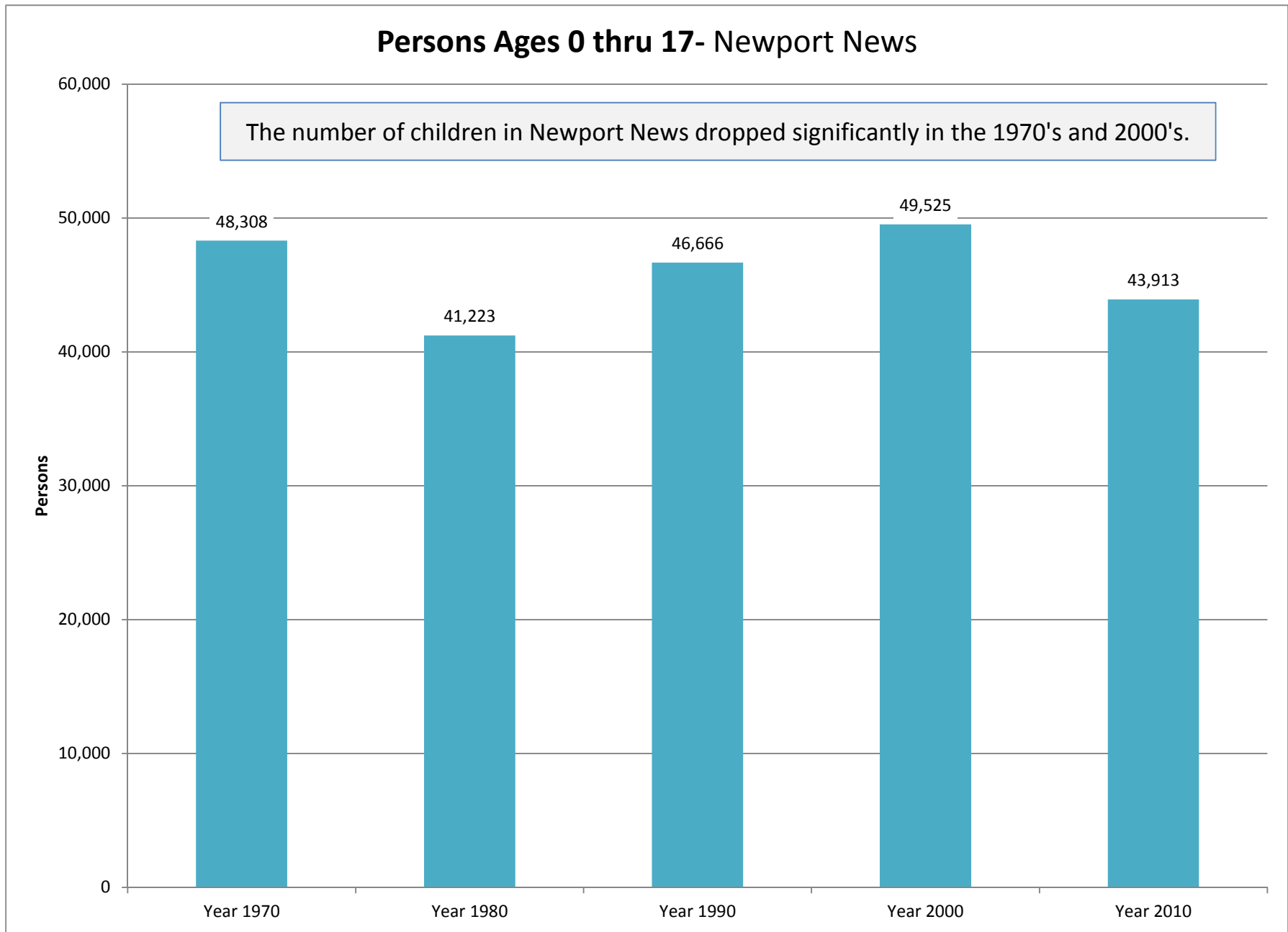
Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.





Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, Norfolk, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| <b>Norfolk</b>  | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Population</b>                                     |                           |                  |                  |                  |                  |                  |
| Population  | Full                      | 307,951          | 266,979          | 261,229          | 234,403          | 242,803          |
|   |                           |                  | <u>1970's</u>    | <u>1980's</u>    | <u>1990's</u>    | <u>2000's</u>    |
| Growth Rate, annual                                   | Full                      | n.a.             | -1.4%            | -0.2%            | -1.1%            | 0.4%             |
| In Households   | Full                      | 263,285          | 233,109          | 228,197          | 211,114          | 210,023          |
| In Group Quarters                                     | Full                      | 44,666           | 33,870           | 33,032           | 23,289           | 32,780           |
|   |                           | <u>307,951</u>   | <u>266,979</u>   | <u>261,229</u>   | <u>234,403</u>   | <u>242,803</u>   |
| Population in Group Quarters                          |                           |                  |                  |                  |                  |                  |
| In Nursing Facilities                                 | Mixed                     | 507              | 653              | 993              | 1,095            | 924              |
| In Other Institutional Facilities                     | Mixed                     | 749              | 745              | 1,968            | 1,905            | 1,822            |
| In College/University Student Housing                 | Mixed                     | 1,288            | 2,008            | 2,989            | 3,191            | 6,488            |
| In Military Quarters                                  | Mixed                     | 40,843           | 30,127           | 26,498           | 16,378           | 22,687           |
| In Other Noninstitutional Facilities                  | Mixed                     | 1,081            | 308              | 584              | 720              | 859              |
| Total <sup>2</sup>                                    |                           | <u>44,468</u>    | <u>33,841</u>    | <u>33,032</u>    | <u>23,289</u>    | <u>32,780</u>    |
| Detail of "In Other Institutional Facilities" (above) |                           |                  |                  |                  |                  |                  |
| In Correctional Facilities                            | Full                      | n.a.             | n.a.             | 1,325            | 1,473            | 1,799            |
| In Other Institutional Facilities                     | Full                      | n.a.             | n.a.             | 643              | 432              | 23               |
|   |                           |                  |                  | <u>1,968</u>     | <u>1,905</u>     | <u>1,822</u>     |
| <b>Age</b>  |                           |                  |                  |                  |                  |                  |
| Ages 0 thru 17  | Full                      | 94,064           | 65,613           | 59,987           | 56,352           | 50,612           |
| Ages 18 thru 64                                       | Full                      | 193,023          | 176,891          | 173,784          | 152,519          | 169,395          |
| Ages 65 thru 74                                       | Full                      | 13,676           | 15,409           | 16,703           | 12,979           | 11,466           |
| Age 75 and Over                                       | Full                      | 7,188            | 9,066            | 10,755           | 12,553           | 11,330           |
|   |                           | <u>307,951</u>   | <u>266,979</u>   | <u>261,229</u>   | <u>234,403</u>   | <u>242,803</u>   |
| Ages 0 thru 17  | Full                      | 31%              | 25%              | 23%              | 24%              | 21%              |
| Ages 18 thru 64                                       | Full                      | 63%              | 66%              | 67%              | 65%              | 70%              |
| Ages 65 thru 74                                       | Full                      | 4%               | 6%               | 6%               | 6%               | 5%               |
| Age 75 and Over                                       | Full                      | 2%               | 3%               | 4%               | 5%               | 5%               |
|   |                           | <u>100%</u>      | <u>100%</u>      | <u>100%</u>      | <u>100%</u>      | <u>100%</u>      |

| <b>Norfolk</b>                                   | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 86,742           | 87,802           | 89,478           | 86,210           | 86,485           |
| Persons per Household                            | Full                      | 3.04             | 2.65             | 2.55             | 2.45             | 2.43             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 89,741           | 93,206           | 98,225           | 96,122           | 117,484          |
| Armed Forces                                     | Sample                    | 55,096           | 43,683           | 43,583           | 27,238           | 21,985           |
| Not in Labor Force                               | Sample                    | 78,882           | 72,509           | 64,429           | 60,562           | 57,086           |
|  |                           | 223,719          | 209,398          | 206,237          | 183,922          | 196,555          |
| Civilian Labor Force, % of labor force           | Sample                    | 62%              | 68%              | 69%              | 78%              | 84%              |
| Armed Forces, % of labor force                   | Sample                    | 38%              | 32%              | 31%              | 22%              | 16%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| In Labor Force, % of pop. age 16+                | Sample                    | 65%              | 65%              | 69%              | 67%              | 71%              |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 35%              | 35%              | 31%              | 33%              | 29%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 21,389           | 17,913           | 15,860           | 14,662           | 9,391            |
| Occ'd Housing Units with Vehicles                | Sample                    | 65,353           | 69,889           | 73,618           | 71,548           | 75,478           |
|  |                           | 86,742           | 87,802           | 89,478           | 86,210           | 84,869           |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 25%              | 20%              | 18%              | 17%              | 11%              |
| Occupied Housing Units with Vehicles, %          | Sample                    | 75%              | 80%              | 82%              | 83%              | 89%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| Norfolk                                       |        | Source <sup>1</sup> | Year 1970 | Year 1980 | Year 1990 | Year 2000 | Year 2010 |
|---|--------|---------------------|-----------|-----------|-----------|-----------|-----------|
| <b><u>Means of Transportation to Work</u></b> |        |                     |           |           |           |           |           |
| Workers 16 Years and Over                     |        |                     |           |           |           |           |           |
| Drove Alone (car, truck, van)                 | Sample | n.a.                | 61,599    | 73,125    | 74,835    | 87,298    |           |
| Carpooled (car, truck, van)                   | Sample | n.a.                | 25,530    | 18,095    | 15,920    | 12,974    |           |
| Public Transportation (excluding taxi)        | Sample | n.a.                | 10,110    | 5,841     | 4,803     | 4,500     |           |
| Taxicab                                       | Sample | n.a.                | 116       | 236       | 340       | 325       |           |
| Walked  | Sample | n.a.                | 14,997    | 6,310     | 7,595     | 6,614     |           |
| Motorcycle                                    | Sample | n.a.                | 685       | 486       | 215       | 318       |           |
| Bicycle                                       | Sample | n.a.                | 1,038     | 1,051     | 510       | 768       |           |
| Other Means                                   | Sample | n.a.                | 11,758    | 1,704     | 3,580     | 1,163     |           |
| Worked at Home                                | Sample | n.a.                | 1,856     | 23,701    | 4,285     | 9,746     |           |
|   |        | n.a.                | 127,689   | 130,549   | 112,083   | 123,706   |           |
| <b><u>Means of Transportation to Work</u></b> |        |                     |           |           |           |           |           |
| Drove Alone (car, truck, van)                 | Sample | n.a.                | 48%       | 56%       | 67%       | 71%       |           |
| Carpooled (car, truck, van)                   | Sample | n.a.                | 20%       | 14%       | 14%       | 10%       |           |
| Public Transportation (excluding taxi)        | Sample | n.a.                | 7.9%      | 4.5%      | 4.3%      | 3.6%      |           |
| Taxicab                                       | Sample | n.a.                | 0.09%     | 0.18%     | 0.30%     | 0.26%     |           |
| Walked  | Sample | n.a.                | 11.7%     | 4.8%      | 6.8%      | 5.3%      |           |
| Motorcycle                                    | Sample | n.a.                | 0.5%      | 0.4%      | 0.2%      | 0.3%      |           |
| Bicycle                                       | Sample | n.a.                | 0.8%      | 0.8%      | 0.5%      | 0.6%      |           |
| Other Means                                   | Sample | n.a.                | 9.2%      | 1.3%      | 3.2%      | 0.9%      |           |
| Worked at Home                                | Sample | n.a.                | 1.5%      | 18.2%     | 3.8%      | 7.9%      |           |
|   |        | n.a.                | 100%      | 100%      | 100%      | 100%      |           |
| <b><u>Travel Time to Work</u></b>             |        |                     |           |           |           |           |           |
| Mean Travel Time to Work, minutes             | Sample | n.a.                | 20.3      | 20.6      | 21.7      | 21.4      |           |
| Workers 16+ (Did Not Work at Home)            |        |                     |           |           |           |           |           |
| Less than 10 minutes                          | Sample | n.a.                | 26,223    | 13,354    | 16,424    | 16,619    |           |
| 10 to 44 minutes                              | Sample | n.a.                | 89,099    | 85,832    | 83,030    | 87,640    |           |
| 45 or more minutes                            | Sample | n.a.                | 10,560    | 7,662     | 8,343     | 9,701     |           |
|   |        | n.a.                | 125,882   | 106,848   | 107,797   | 113,960   |           |
| Less than 10 minutes                          | Sample | n.a.                | 21%       | 12%       | 15%       | 15%       |           |
| 10 to 44 minutes                              | Sample | n.a.                | 71%       | 80%       | 77%       | 77%       |           |
| 45 or more minutes                            | Sample | n.a.                | 8%        | 7%        | 8%        | 9%        |           |
|   |        | n.a.                | 100%      | 100%      | 100%      | 100%      |           |

| <b>Norfolk</b>                                |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 12,829           | 11,990           | 12,655           |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 26,251           | 26,610           | 26,836           |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 26,582           | 26,410           | 25,210           |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 15,114           | 14,345           | 17,036           |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 5,512            | 5,265            | 6,046            |                  |
| Other Times                                   | Sample | n.a.                      | n.a.             | 20,560           | 23,170           | 26,177           |                  |
|   |        |                           |                  | 106,848          | 107,790          | 113,960          |                  |
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 12%              | 11%              | 11%              |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 25%              | 25%              | 24%              |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 25%              | 25%              | 22%              |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 14%              | 13%              | 15%              |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 5%               | 5%               | 5%               |                  |
| Other Hours                                   | Sample | n.a.                      | n.a.             | 19%              | 21%              | 23%              |                  |
|   |        |                           |                  | 100%             | 100%             | 100%             |                  |
| <b><u>Place of Work</u></b>                   |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample | n.a.                      | n.a.             | 100,821          | 74,572           | 82,901           |                  |
| Work Outside County of Residence              | Sample | n.a.                      | n.a.             | 29,728           | 37,511           | 40,805           |                  |
|   |        |                           |                  | 130,549          | 112,083          | 123,706          |                  |
| Work In County of Residence, %                | Sample | n.a.                      | n.a.             | 77%              | 67%              | 67%              |                  |
| Work Outside County of Residence, %           | Sample | n.a.                      | n.a.             | 23%              | 33%              | 33%              |                  |
|   |        |                           |                  | 100%             | 100%             | 100%             |                  |

**Footnotes**<sup>1</sup>Source:

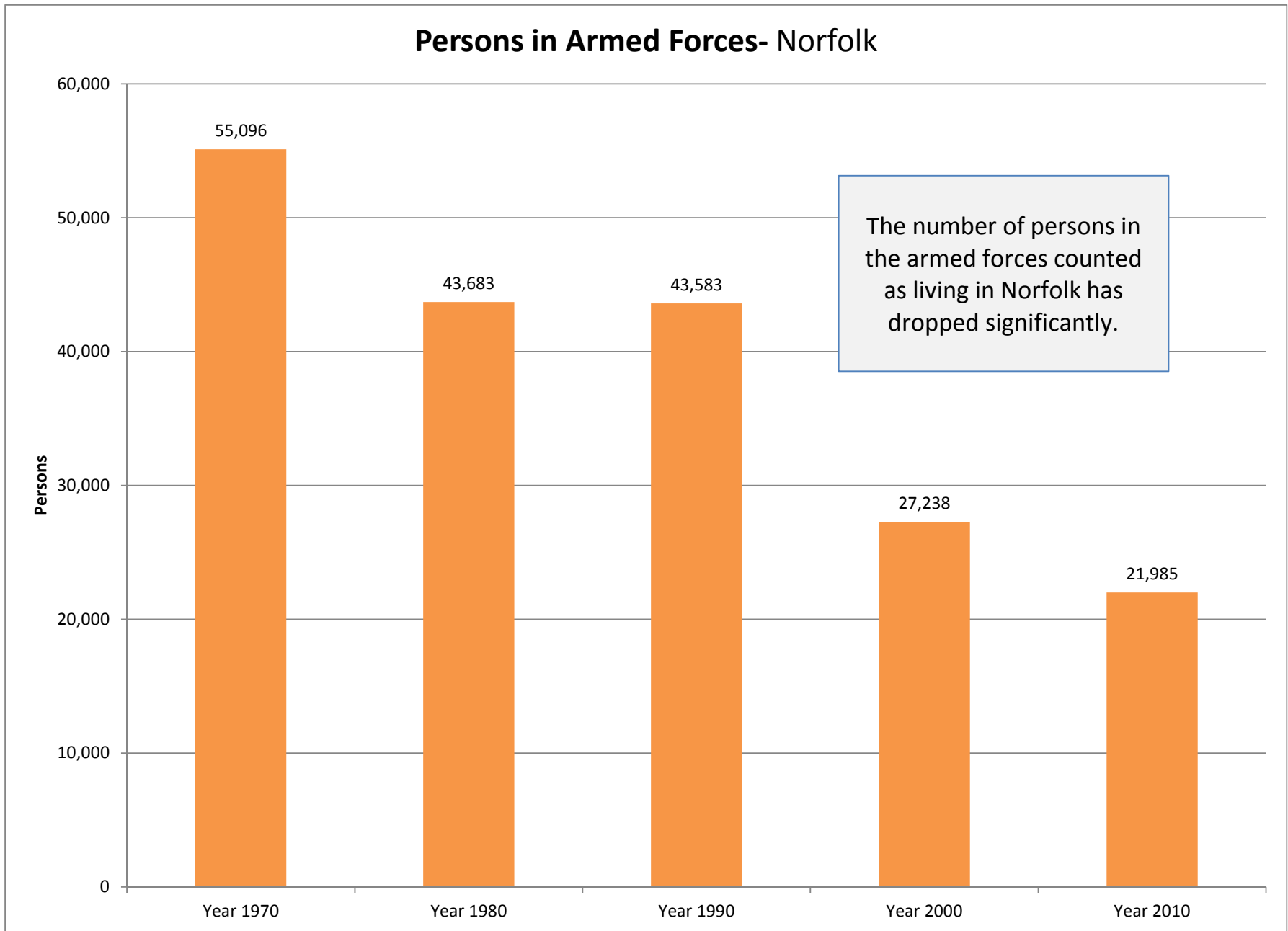
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, Poquoson, 1980-2010

Source: HRTPO analysis of US Census data  
Source file: master.xlsx

Poquoson became an independent city in 1975.

| <b>Poquoson</b>                                       | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Population</b>                                     |                           |                  |                  |                  |                  |                  |
| Population  | Full                      | n.a.             | 8,726            | 11,005           | 11,566           | 12,150           |
|   |                           |                  | <u>1970's</u>    | <u>1980's</u>    | <u>1990's</u>    | <u>2000's</u>    |
| Growth Rate, annual                                   | Full                      | n.a.             | n.a.             | 2.3%             | 0.5%             | 0.5%             |
| In Households   | Full                      | n.a.             | 8,726            | 10,912           | 11,468           | 12,099           |
| In Group Quarters                                     | Full                      | n.a.             | 0                | 93               | 98               | 51               |
|   |                           | n.a.             | 8,726            | 11,005           | 11,566           | 12,150           |
| Population in Group Quarters                          |                           |                  |                  |                  |                  |                  |
| In Nursing Facilities                                 | Mixed                     | n.a.             | 0                | 93               | 58               | 51               |
| In Other Institutional Facilities                     | Mixed                     | n.a.             | 0                | 0                | 0                | 0                |
| In College/University Student Housing                 | Mixed                     | n.a.             | 0                | 0                | 0                | 0                |
| In Military Quarters                                  | Mixed                     | n.a.             | 0                | 0                | 0                | 0                |
| In Other Noninstitutional Facilities                  | Mixed                     | n.a.             | 0                | 0                | 40               | 0                |
| Total <sup>2</sup>                                    |                           | n.a.             | 0                | 93               | 98               | 51               |
| Detail of "In Other Institutional Facilities" (above) |                           |                  |                  |                  |                  |                  |
| In Correctional Facilities                            | Full                      | n.a.             | n.a.             | 0                | 0                | 0                |
| In Other Institutional Facilities                     | Full                      | n.a.             | n.a.             | 0                | 0                | 0                |
|   |                           |                  |                  | 0                | 0                | 0                |
| <b>Age</b>  |                           |                  |                  |                  |                  |                  |
| Ages 0 thru 17  | Full                      | n.a.             | 2,856            | 3,028            | 3,102            | 2,969            |
| Ages 18 thru 64                                       | Full                      | n.a.             | 5,278            | 7,052            | 7,150            | 7,290            |
| Ages 65 thru 74                                       | Full                      | n.a.             | 394              | 502              | 766              | 1,135            |
| Age 75 and Over                                       | Full                      | n.a.             | 198              | 423              | 548              | 756              |
|   |                           | n.a.             | 8,726            | 11,005           | 11,566           | 12,150           |
| Ages 0 thru 17  | Full                      | n.a.             | 33%              | 28%              | 27%              | 24%              |
| Ages 18 thru 64                                       | Full                      | n.a.             | 60%              | 64%              | 62%              | 60%              |
| Ages 65 thru 74                                       | Full                      | n.a.             | 5%               | 5%               | 7%               | 9%               |
| Age 75 and Over                                       | Full                      | n.a.             | 2%               | 4%               | 5%               | 6%               |
|   |                           | n.a.             | 100%             | 100%             | 100%             | 100%             |

| <b>Poquoson</b>                                  | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | n.a.             | 2,781            | 3,769            | 4,166            | 4,525            |
| Persons per Household                            | Full                      | n.a.             | 3.14             | 2.90             | 2.75             | 2.67             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | n.a.             | 3,939            | 5,532            | 5,732            | n.a.             |
| Armed Forces                                     | Sample                    | n.a.             | 311              | 406              | 176              | n.a.             |
| Not in Labor Force                               | Sample                    | n.a.             | 2,087            | 2,483            | 2,930            | n.a.             |
|  |                           | n.a.             | 6,337            | 8,421            | 8,838            | n.a.             |
| Civilian Labor Force, % of labor force           | Sample                    | n.a.             | 93%              | 93%              | 97%              | n.a.             |
| Armed Forces, % of labor force                   | Sample                    | n.a.             | 7%               | 7%               | 3%               | n.a.             |
|  |                           | n.a.             | 100%             | 100%             | 100%             | n.a.             |
| In Labor Force, % of pop. age 16+                | Sample                    | n.a.             | 67%              | 71%              | 67%              | n.a.             |
| Not in Labor Force, % of pop. age 16+            | Sample                    | n.a.             | 33%              | 29%              | 33%              | n.a.             |
|  |                           | n.a.             | 100%             | 100%             | 100%             | n.a.             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | n.a.             | 104              | 73               | 118              | n.a.             |
| Occ'd Housing Units with Vehicles                | Sample                    | n.a.             | 2,677            | 3,696            | 4,048            | n.a.             |
|  |                           | n.a.             | 2,781            | 3,769            | 4,166            | n.a.             |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | n.a.             | 4%               | 2%               | 3%               | n.a.             |
| Occupied Housing Units with Vehicles, %          | Sample                    | n.a.             | 96%              | 98%              | 97%              | n.a.             |
|  |                           | n.a.             | 100%             | 100%             | 100%             | n.a.             |



| Poquoson                                      | Source <sup>1</sup> | Year 1970 | Year 1980 | Year 1990 | Year 2000 | Year 2010 |
|---|---------------------|-----------|-----------|-----------|-----------|-----------|
| <b><u>Means of Transportation to Work</u></b> |                     |           |           |           |           |           |
| Workers 16 Years and Over                     |                     |           |           |           |           |           |
| Drove Alone (car, truck, van)                 | Sample              | n.a.      | 2,725     | 4,683     | 4,970     | n.a.      |
| Carpooled (car, truck, van)                   | Sample              | n.a.      | 1,035     | 708       | 399       | n.a.      |
| Public Transportation (excluding taxi)        | Sample              | n.a.      | 47        | 24        | 10        | n.a.      |
| Taxicab                                       | Sample              | n.a.      | 0         | 0         | 0         | n.a.      |
| Walked  | Sample              | n.a.      | 60        | 54        | 45        | n.a.      |
| Motorcycle                                    | Sample              | n.a.      | 59        | 9         | 4         | n.a.      |
| Bicycle                                       | Sample              | n.a.      | 4         | 6         | 0         | n.a.      |
| Other Means                                   | Sample              | n.a.      | 23        | 86        | 45        | n.a.      |
| Worked at Home                                | Sample              | n.a.      | 62        | 130       | 180       | n.a.      |
|   |                     | n.a.      | 4,015     | 5,700     | 5,653     | n.a.      |
| <b><u>Means of Transportation to Work</u></b> |                     |           |           |           |           |           |
| Drove Alone (car, truck, van)                 | Sample              | n.a.      | 68%       | 82%       | 88%       | n.a.      |
| Carpooled (car, truck, van)                   | Sample              | n.a.      | 26%       | 12%       | 7%        | n.a.      |
| Public Transportation (excluding taxi)        | Sample              | n.a.      | 1.2%      | 0.4%      | 0.2%      | n.a.      |
| Taxicab                                       | Sample              | n.a.      | 0.00%     | 0.00%     | 0.00%     | n.a.      |
| Walked  | Sample              | n.a.      | 1.5%      | 0.9%      | 0.8%      | n.a.      |
| Motorcycle                                    | Sample              | n.a.      | 1.5%      | 0.2%      | 0.1%      | n.a.      |
| Bicycle                                       | Sample              | n.a.      | 0.1%      | 0.1%      | 0.0%      | n.a.      |
| Other Means                                   | Sample              | n.a.      | 0.6%      | 1.5%      | 0.8%      | n.a.      |
| Worked at Home                                | Sample              | n.a.      | 1.5%      | 2.3%      | 3.2%      | n.a.      |
|   |                     | n.a.      | 100%      | 100%      | 100%      | n.a.      |
| <b><u>Travel Time to Work</u></b>             |                     |           |           |           |           |           |
| Mean Travel Time to Work, minutes             | Sample              | n.a.      | 22.0      | 20.8      | 24.0      | n.a.      |
| Workers 16+ (Did Not Work at Home)            |                     |           |           |           |           |           |
| Less than 10 minutes                          | Sample              | n.a.      | 541       | 836       | 719       | n.a.      |
| 10 to 44 minutes                              | Sample              | n.a.      | 3,173     | 4,313     | 4,161     | n.a.      |
| 45 or more minutes                            | Sample              | n.a.      | 310       | 421       | 600       | n.a.      |
|   |                     | n.a.      | 4,024     | 5,570     | 5,480     | n.a.      |
| Less than 10 minutes                          | Sample              | n.a.      | 13%       | 15%       | 13%       | n.a.      |
| 10 to 44 minutes                              | Sample              | n.a.      | 79%       | 77%       | 76%       | n.a.      |
| 45 or more minutes                            | Sample              | n.a.      | 8%        | 8%        | 11%       | n.a.      |
|   |                     | n.a.      | 100%      | 100%      | 100%      | n.a.      |

| <b>Poquoson</b>                               |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 362              | 475              | n.a.             | n.a.             |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 1,308            | 1,190            | n.a.             | n.a.             |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 2,066            | 1,985            | n.a.             | n.a.             |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 824              | 865              | n.a.             | n.a.             |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 278              | 265              | n.a.             | n.a.             |
| Other Times                                   | Sample | n.a.                      | n.a.             | 732              | 707              | n.a.             | n.a.             |
|   |        | n.a.                      | n.a.             | 5,570            | 5,487            | n.a.             | n.a.             |
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 6%               | 9%               | n.a.             | n.a.             |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 23%              | 22%              | n.a.             | n.a.             |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 37%              | 36%              | n.a.             | n.a.             |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 15%              | 16%              | n.a.             | n.a.             |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 5%               | 5%               | n.a.             | n.a.             |
| Other Hours                                   | Sample | n.a.                      | n.a.             | 13%              | 13%              | n.a.             | n.a.             |
|   |        | n.a.                      | n.a.             | 100%             | 100%             | n.a.             | n.a.             |
| <b><u>Place of Work</u></b>                   |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample | n.a.                      | n.a.             | 1,136            | 1,246            | n.a.             | n.a.             |
| Work Outside County of Residence              | Sample | n.a.                      | n.a.             | 4,564            | 4,412            | n.a.             | n.a.             |
|   |        | n.a.                      | n.a.             | 5,700            | 5,658            | n.a.             | n.a.             |
| Work In County of Residence, %                | Sample | n.a.                      | n.a.             | 20%              | 22%              | n.a.             | n.a.             |
| Work Outside County of Residence, %           | Sample | n.a.                      | n.a.             | 80%              | 78%              | n.a.             | n.a.             |
|   |        | n.a.                      | n.a.             | 100%             | 100%             | n.a.             | n.a.             |

**Footnotes**<sup>1</sup>Source:

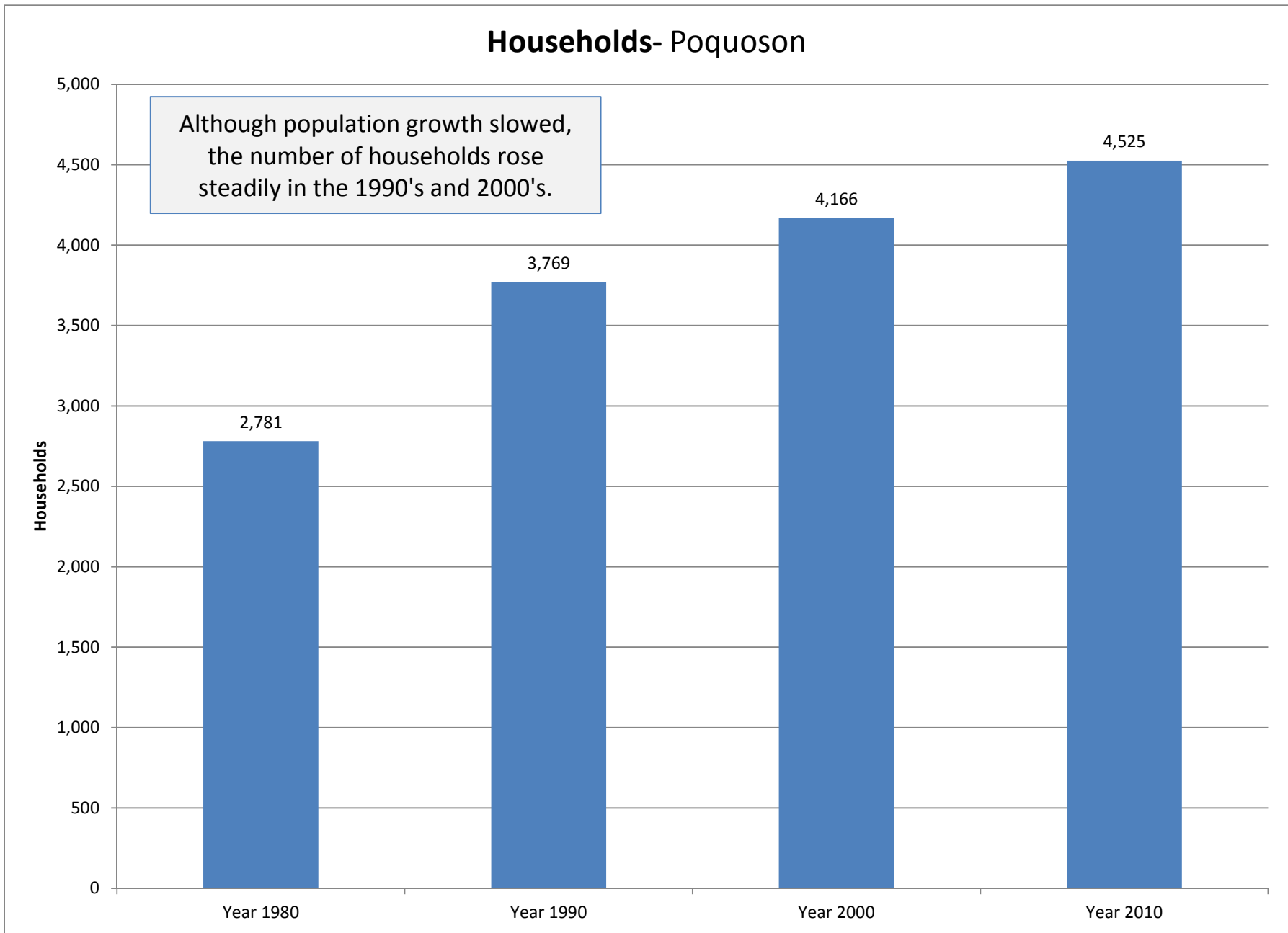
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, Portsmouth, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| <b>Portsmouth</b>                                     | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Population</b>                                     |                           |                  |                  |                  |                  |                  |
| Population  | Full                      | 110,963          | 104,577          | 103,907          | 100,565          | 95,535           |
|   |                           |                  | <u>1970's</u>    | <u>1980's</u>    | <u>1990's</u>    | <u>2000's</u>    |
| Growth Rate, annual                                   | Full                      | n.a.             | -0.6%            | -0.1%            | -0.3%            | -0.5%            |
| In Households   | Full                      | 109,270          | 102,661          | 101,407          | 95,751           | 92,119           |
| In Group Quarters                                     | Full                      | 1,693            | 1,916            | 2,500            | 4,814            | 3,416            |
|   |                           | 110,963          | 104,577          | 103,907          | 100,565          | 95,535           |
| Population in Group Quarters                          |                           |                  |                  |                  |                  |                  |
| In Nursing Facilities                                 | Mixed                     | 311              | 508              | 716              | 356              | 454              |
| In Other Institutional Facilities                     | Mixed                     | 23               | 360              | 741              | 1,442            | 2,087            |
| In College/University Student Housing                 | Mixed                     | 0                | 20               | 0                | 0                | 0                |
| In Military Quarters                                  | Mixed                     | 1,023            | 987              | 413              | 2,500            | 587              |
| In Other Noninstitutional Facilities                  | Mixed                     | 332              | 30               | 630              | 516              | 288              |
| Total <sup>2</sup>                                    |                           | 1,689            | 1,905            | 2,500            | 4,814            | 3,416            |
| Detail of "In Other Institutional Facilities" (above) |                           |                  |                  |                  |                  |                  |
| In Correctional Facilities                            | Full                      | n.a.             | n.a.             | 414              | 1,237            | 2,060            |
| In Other Institutional Facilities                     | Full                      | n.a.             | n.a.             | 327              | 205              | 27               |
|   |                           |                  |                  | 741              | 1,442            | 2,087            |
| <b>Age</b>  |                           |                  |                  |                  |                  |                  |
| Ages 0 thru 17  | Full                      | 39,589           | 30,024           | 27,857           | 25,854           | 22,666           |
| Ages 18 thru 64                                       | Full                      | 62,405           | 63,311           | 61,651           | 60,857           | 60,250           |
| Ages 65 thru 74                                       | Full                      | 5,922            | 7,193            | 9,054            | 6,879            | 6,360            |
| Age 75 and Over                                       | Full                      | 3,047            | 4,049            | 5,345            | 6,975            | 6,259            |
|   |                           | 110,963          | 104,577          | 103,907          | 100,565          | 95,535           |
| Ages 0 thru 17  | Full                      | 36%              | 29%              | 27%              | 26%              | 24%              |
| Ages 18 thru 64                                       | Full                      | 56%              | 61%              | 59%              | 61%              | 63%              |
| Ages 65 thru 74                                       | Full                      | 5%               | 7%               | 9%               | 7%               | 7%               |
| Age 75 and Over                                       | Full                      | 3%               | 4%               | 5%               | 7%               | 7%               |
|   |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Portsmouth</b>                                | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 34,511           | 36,746           | 38,741           | 38,170           | 37,324           |
| Persons per Household                            | Full                      | 3.17             | 2.79             | 2.62             | 2.51             | 2.47             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 40,834           | 43,318           | 45,635           | 43,705           | 45,286           |
| Armed Forces                                     | Sample                    | 3,183            | 2,696            | 3,210            | 4,458            | 3,625            |
| Not in Labor Force                               | Sample                    | 31,846           | 32,647           | 29,880           | 29,361           | 26,689           |
|  |                           | 75,863           | 78,661           | 78,725           | 77,524           | 75,600           |
| Civilian Labor Force, % of labor force           | Sample                    | 93%              | 94%              | 93%              | 91%              | 93%              |
| Armed Forces, % of labor force                   | Sample                    | 7%               | 6%               | 7%               | 9%               | 7%               |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| In Labor Force, % of pop. age 16+                | Sample                    | 58%              | 58%              | 62%              | 62%              | 65%              |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 42%              | 42%              | 38%              | 38%              | 35%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 8,610            | 6,634            | 6,482            | 5,538            | 3,963            |
| Occ'd Housing Units with Vehicles                | Sample                    | 25,901           | 30,112           | 32,259           | 32,632           | 32,761           |
|  |                           | 34,511           | 36,746           | 38,741           | 38,170           | 36,724           |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 25%              | 18%              | 17%              | 15%              | 11%              |
| Occupied Housing Units with Vehicles, %          | Sample                    | 75%              | 82%              | 83%              | 85%              | 89%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Portsmouth</b>                             |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 24,828           | 30,859           | 31,995           | 34,019           |                  |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 11,114           | 8,168            | 6,875            | 4,059            |                  |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 2,124            | 1,496            | 1,230            | 743              |                  |
| Taxicab                                       | Sample | n.a.                      | 81               | 154              | 75               | 0                |                  |
| Walked  | Sample | n.a.                      | 2,234            | 1,814            | 1,440            | 1,297            |                  |
| Motorcycle                                    | Sample | n.a.                      | 176              | 120              | 70               | 40               |                  |
| Bicycle                                       | Sample | n.a.                      | 355              | 409              | 265              | 179              |                  |
| Other Means                                   | Sample | n.a.                      | 332              | 376              | 780              | 488              |                  |
| Worked at Home                                | Sample | n.a.                      | 332              | 994              | 1,200            | 2,363            |                  |
|   |        | n.a.                      | 41,576           | 44,390           | 43,930           | 43,188           |                  |
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 60%              | 70%              | 73%              | 79%              |                  |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 27%              | 18%              | 16%              | 9%               |                  |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 5.1%             | 3.4%             | 2.8%             | 1.7%             |                  |
| Taxicab                                       | Sample | n.a.                      | 0.19%            | 0.35%            | 0.17%            | 0.00%            |                  |
| Walked  | Sample | n.a.                      | 5.4%             | 4.1%             | 3.3%             | 3.0%             |                  |
| Motorcycle                                    | Sample | n.a.                      | 0.4%             | 0.3%             | 0.2%             | 0.1%             |                  |
| Bicycle                                       | Sample | n.a.                      | 0.9%             | 0.9%             | 0.6%             | 0.4%             |                  |
| Other Means                                   | Sample | n.a.                      | 0.8%             | 0.8%             | 1.8%             | 1.1%             |                  |
| Worked at Home                                | Sample | n.a.                      | 0.8%             | 2.2%             | 2.7%             | 5.5%             |                  |
|   |        | n.a.                      | 100%             | 100%             | 100%             | 100%             |                  |
| <b><u>Travel Time to Work</u></b>             |        |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample | n.a.                      | 21.7             | 21.3             | 23.8             | 23.6             |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 4,667            | 5,034            | 4,744            | 4,773            |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 32,892           | 34,194           | 33,898           | 31,809           |                  |
| 45 or more minutes                            | Sample | n.a.                      | 3,740            | 4,168            | 4,080            | 4,243            |                  |
|   |        | n.a.                      | 41,299           | 43,396           | 42,722           | 40,825           |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 11%              | 12%              | 11%              | 12%              |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 80%              | 79%              | 79%              | 78%              |                  |
| 45 or more minutes                            | Sample | n.a.                      | 9%               | 10%              | 10%              | 10%              |                  |
|   |        | n.a.                      | 100%             | 100%             | 100%             | 100%             |                  |

| <b>Portsmouth</b>                             |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 3,689            | 4,190            | 4,684            |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 12,232           | 10,825           | 9,245            |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 11,453           | 11,580           | 9,907            |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 6,280            | 5,755            | 5,287            |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 1,853            | 1,765            | 2,247            |                  |
| Other Times                                   | Sample | n.a.                      | n.a.             | 7,889            | 8,610            | 9,455            |                  |
|   |        | n.a.                      | n.a.             | 43,396           | 42,725           | 40,825           |                  |
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 9%               | 10%              | 11%              |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 28%              | 25%              | 23%              |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 26%              | 27%              | 24%              |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 14%              | 13%              | 13%              |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 4%               | 4%               | 6%               |                  |
| Other Hours                                   | Sample | n.a.                      | n.a.             | 18%              | 20%              | 23%              |                  |
|   |        | n.a.                      | n.a.             | 100%             | 100%             | 100%             |                  |
| <b><u>Place of Work</u></b>                   |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample | n.a.                      | n.a.             | 23,885           | 19,875           | 19,488           |                  |
| Work Outside County of Residence              | Sample | n.a.                      | n.a.             | 20,505           | 24,047           | 23,700           |                  |
|   |        | n.a.                      | n.a.             | 44,390           | 43,922           | 43,188           |                  |
| Work In County of Residence, %                | Sample | n.a.                      | n.a.             | 54%              | 45%              | 45%              |                  |
| Work Outside County of Residence, %           | Sample | n.a.                      | n.a.             | 46%              | 55%              | 55%              |                  |
|   |        | n.a.                      | n.a.             | 100%             | 100%             | 100%             |                  |

**Footnotes**<sup>1</sup>Source:

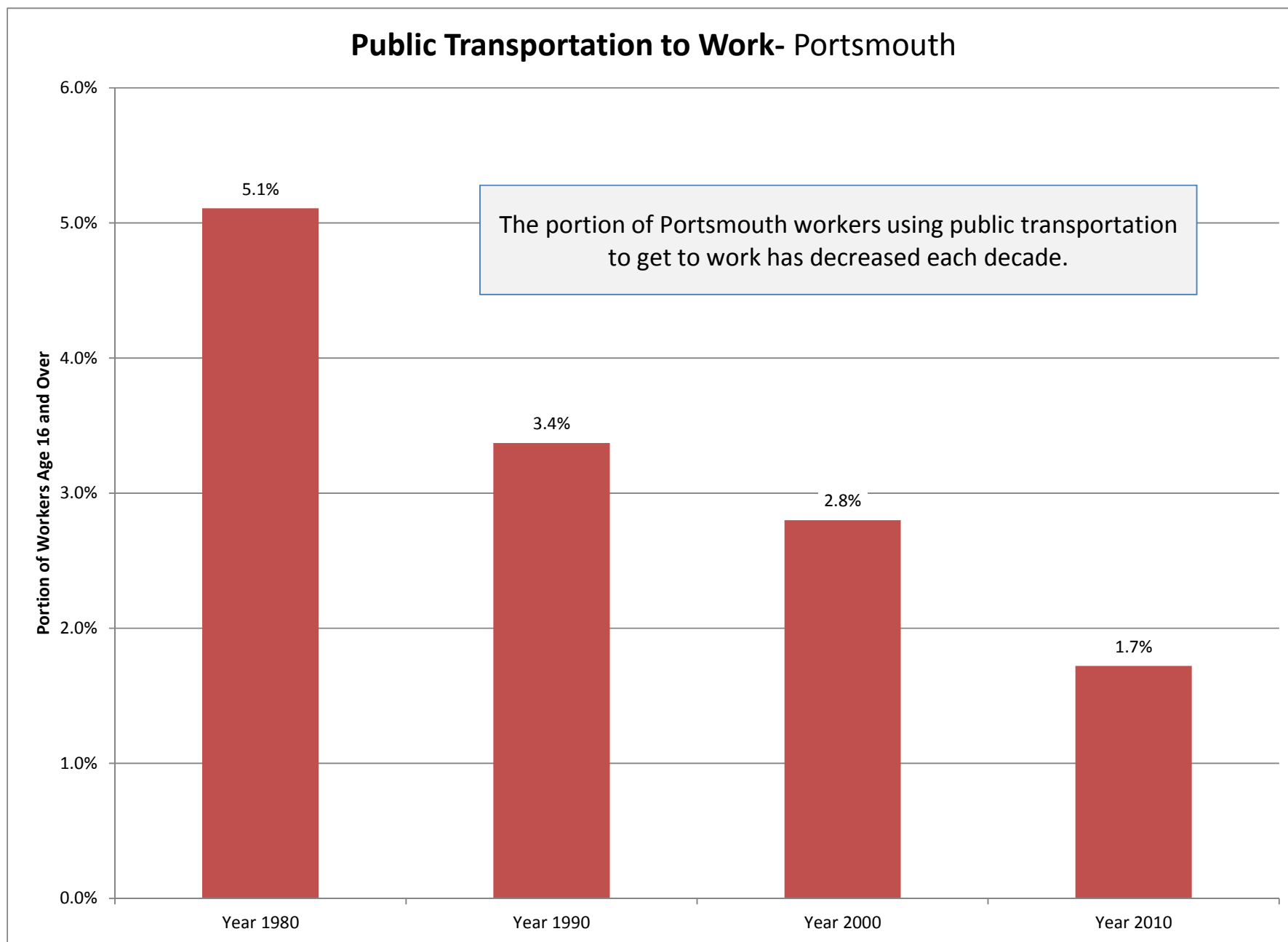
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



Data Source: HRTPO analysis of US Census data.



## Transportation Related Census Data, Southampton, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| <b>Southampton</b>                                    | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Population</b>                                     |                           |                  |                  |                  |                  |                  |
| Population  | Full                      | 18,582           | 18,731           | 17,550           | 17,482           | 18,570           |
|   |                           |                  | <u>1970's</u>    | <u>1980's</u>    | <u>1990's</u>    | <u>2000's</u>    |
| Growth Rate, annual                                   | Full                      | n.a.             | 0.1%             | -0.6%            | 0.0%             | 0.6%             |
| In Households   | Full                      | 17,890           | 17,669           | 16,151           | 15,917           | 17,003           |
| In Group Quarters                                     | Full                      | 692              | 1,062            | 1,399            | 1,565            | 1,567            |
|   |                           | 18,582           | 18,731           | 17,550           | 17,482           | 18,570           |
| Population in Group Quarters                          |                           |                  |                  |                  |                  |                  |
| In Nursing Facilities                                 | Mixed                     | 0                | 18               | 90               | 87               | 90               |
| In Other Institutional Facilities                     | Mixed                     | 656              | 1,050            | 1,301            | 1,478            | 1,464            |
| In College/University Student Housing                 | Mixed                     | 0                | 0                | 0                | 0                | 0                |
| In Military Quarters                                  | Mixed                     | 0                | 0                | 0                | 0                | 0                |
| In Other Noninstitutional Facilities                  | Mixed                     | 42               | 0                | 8                | 0                | 13               |
| Total <sup>2</sup>                                    |                           | 698              | 1,068            | 1,399            | 1,565            | 1,567            |
| Detail of "In Other Institutional Facilities" (above) |                           |                  |                  |                  |                  |                  |
| In Correctional Facilities                            | Full                      | n.a.             | n.a.             | 1,301            | 1,478            | 1,464            |
| In Other Institutional Facilities                     | Full                      | n.a.             | n.a.             | 0                | 0                | 0                |
|   |                           |                  |                  | 1,301            | 1,478            | 1,464            |
| <b>Age</b>  |                           |                  |                  |                  |                  |                  |
| Ages 0 thru 17  | Full                      | 7,163            | 5,134            | 4,103            | 3,973            | 3,918            |
| Ages 18 thru 64                                       | Full                      | 9,754            | 11,557           | 10,943           | 11,018           | 11,824           |
| Ages 65 thru 74                                       | Full                      | 1,123            | 1,337            | 1,541            | 1,298            | 1,663            |
| Age 75 and Over                                       | Full                      | 542              | 703              | 963              | 1,193            | 1,165            |
|   |                           | 18,582           | 18,731           | 17,550           | 17,482           | 18,570           |
| Ages 0 thru 17  | Full                      | 39%              | 27%              | 23%              | 23%              | 21%              |
| Ages 18 thru 64                                       | Full                      | 52%              | 62%              | 62%              | 63%              | 64%              |
| Ages 65 thru 74                                       | Full                      | 6%               | 7%               | 9%               | 7%               | 9%               |
| Age 75 and Over                                       | Full                      | 3%               | 4%               | 5%               | 7%               | 6%               |
|   |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Southampton</b>                               | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 4,920            | 5,774            | 6,009            | 6,279            | 6,719            |
| Persons per Household                            | Full                      | 3.64             | 3.06             | 2.69             | 2.53             | 2.53             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 6,312            | 7,602            | 7,913            | 7,460            | n.a.             |
| Armed Forces                                     | Sample                    | 0                | 12               | 51               | 40               | n.a.             |
| Not in Labor Force                               | Sample                    | 6,041            | 6,801            | 5,983            | 6,483            | n.a.             |
|  |                           | 12,353           | 14,415           | 13,947           | 13,983           | n.a.             |
| Civilian Labor Force, % of labor force           | Sample                    | 100%             | 100%             | 99%              | 99%              | n.a.             |
| Armed Forces, % of labor force                   | Sample                    | 0%               | 0%               | 1%               | 1%               | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |
| In Labor Force, % of pop. age 16+                | Sample                    | 51%              | 53%              | 57%              | 54%              | n.a.             |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 49%              | 47%              | 43%              | 46%              | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 1,049            | 686              | 652              | 570              | n.a.             |
| Occ'd Housing Units with Vehicles                | Sample                    | 3,871            | 5,088            | 5,357            | 5,709            | n.a.             |
|  |                           | 4,920            | 5,774            | 6,009            | 6,279            | n.a.             |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 21%              | 12%              | 11%              | 9%               | n.a.             |
| Occupied Housing Units with Vehicles, %          | Sample                    | 79%              | 88%              | 89%              | 91%              | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |

| <b>Southampton</b>                            |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 4,598            | 5,649            | 5,665            | n.a.             | n.a.             |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 1,820            | 1,097            | 895              | n.a.             | n.a.             |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 76               | 87               | 40               | n.a.             | n.a.             |
| Taxicab                                       | Sample | n.a.                      | 2                | 0                | 4                | n.a.             | n.a.             |
| Walked  | Sample | n.a.                      | 251              | 145              | 90               | n.a.             | n.a.             |
| Motorcycle                                    | Sample | n.a.                      | 11               | 3                | 0                | n.a.             | n.a.             |
| Bicycle                                       | Sample | n.a.                      | 7                | 0                | 4                | n.a.             | n.a.             |
| Other Means                                   | Sample | n.a.                      | 125              | 101              | 80               | n.a.             | n.a.             |
| Worked at Home                                | Sample | n.a.                      | 175              | 173              | 170              | n.a.             | n.a.             |
|   |        | n.a.                      | 7,065            | 7,255            | 6,948            | n.a.             | n.a.             |
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 65%              | 78%              | 82%              | n.a.             | n.a.             |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 26%              | 15%              | 13%              | n.a.             | n.a.             |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 1.1%             | 1.2%             | 0.6%             | n.a.             | n.a.             |
| Taxicab                                       | Sample | n.a.                      | 0.03%            | 0.00%            | 0.06%            | n.a.             | n.a.             |
| Walked  | Sample | n.a.                      | 3.6%             | 2.0%             | 1.3%             | n.a.             | n.a.             |
| Motorcycle                                    | Sample | n.a.                      | 0.2%             | 0.0%             | 0.0%             | n.a.             | n.a.             |
| Bicycle                                       | Sample | n.a.                      | 0.1%             | 0.0%             | 0.1%             | n.a.             | n.a.             |
| Other Means                                   | Sample | n.a.                      | 1.8%             | 1.4%             | 1.2%             | n.a.             | n.a.             |
| Worked at Home                                | Sample | n.a.                      | 2.5%             | 2.4%             | 2.4%             | n.a.             | n.a.             |
|   |        | n.a.                      | 100%             | 100%             | 100%             | n.a.             | n.a.             |
| <b><u>Travel Time to Work</u></b>             |        |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample | n.a.                      | 20.7             | 21.6             | 26.6             | n.a.             | n.a.             |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 1,515            | 1,279            | 844              | n.a.             | n.a.             |
| 10 to 44 minutes                              | Sample | n.a.                      | 4,801            | 4,878            | 4,673            | n.a.             | n.a.             |
| 45 or more minutes                            | Sample | n.a.                      | 737              | 925              | 1,257            | n.a.             | n.a.             |
|   |        | n.a.                      | 7,053            | 7,082            | 6,774            | n.a.             | n.a.             |
| Less than 10 minutes                          | Sample | n.a.                      | 21%              | 18%              | 12%              | n.a.             | n.a.             |
| 10 to 44 minutes                              | Sample | n.a.                      | 68%              | 69%              | 69%              | n.a.             | n.a.             |
| 45 or more minutes                            | Sample | n.a.                      | 10%              | 13%              | 19%              | n.a.             | n.a.             |
|   |        | n.a.                      | 100%             | 100%             | 100%             | n.a.             | n.a.             |

| <b>Southampton</b>                            | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 617              | 620              | n.a.             |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 1,322            | 1,555            | n.a.             |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 2,397            | 2,120            | n.a.             |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 1,177            | 925              | n.a.             |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 225              | 159              | n.a.             |
| Other Times                                   | Sample                    | n.a.             | n.a.             | 1,344            | 1,405            | n.a.             |
|   |                           | n.a.             | n.a.             | 7,082            | 6,784            | n.a.             |
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 9%               | 9%               | n.a.             |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 19%              | 23%              | n.a.             |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 34%              | 31%              | n.a.             |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 17%              | 14%              | n.a.             |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 3%               | 2%               | n.a.             |
| Other Hours                                   | Sample                    | n.a.             | n.a.             | 19%              | 21%              | n.a.             |
|   |                           | n.a.             | n.a.             | 100%             | 100%             | n.a.             |
| <b><u>Place of Work</u></b>                   |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample                    | n.a.             | n.a.             | 3,811            | 2,623            | n.a.             |
| Work Outside County of Residence              | Sample                    | n.a.             | n.a.             | 3,444            | 4,322            | n.a.             |
|   |                           | n.a.             | n.a.             | 7,255            | 6,945            | n.a.             |
| Work In County of Residence, %                | Sample                    | n.a.             | n.a.             | 53%              | 38%              | n.a.             |
| Work Outside County of Residence, %           | Sample                    | n.a.             | n.a.             | 47%              | 62%              | n.a.             |
|   |                           | n.a.             | n.a.             | 100%             | 100%             | n.a.             |

**Footnotes**<sup>1</sup>Source:

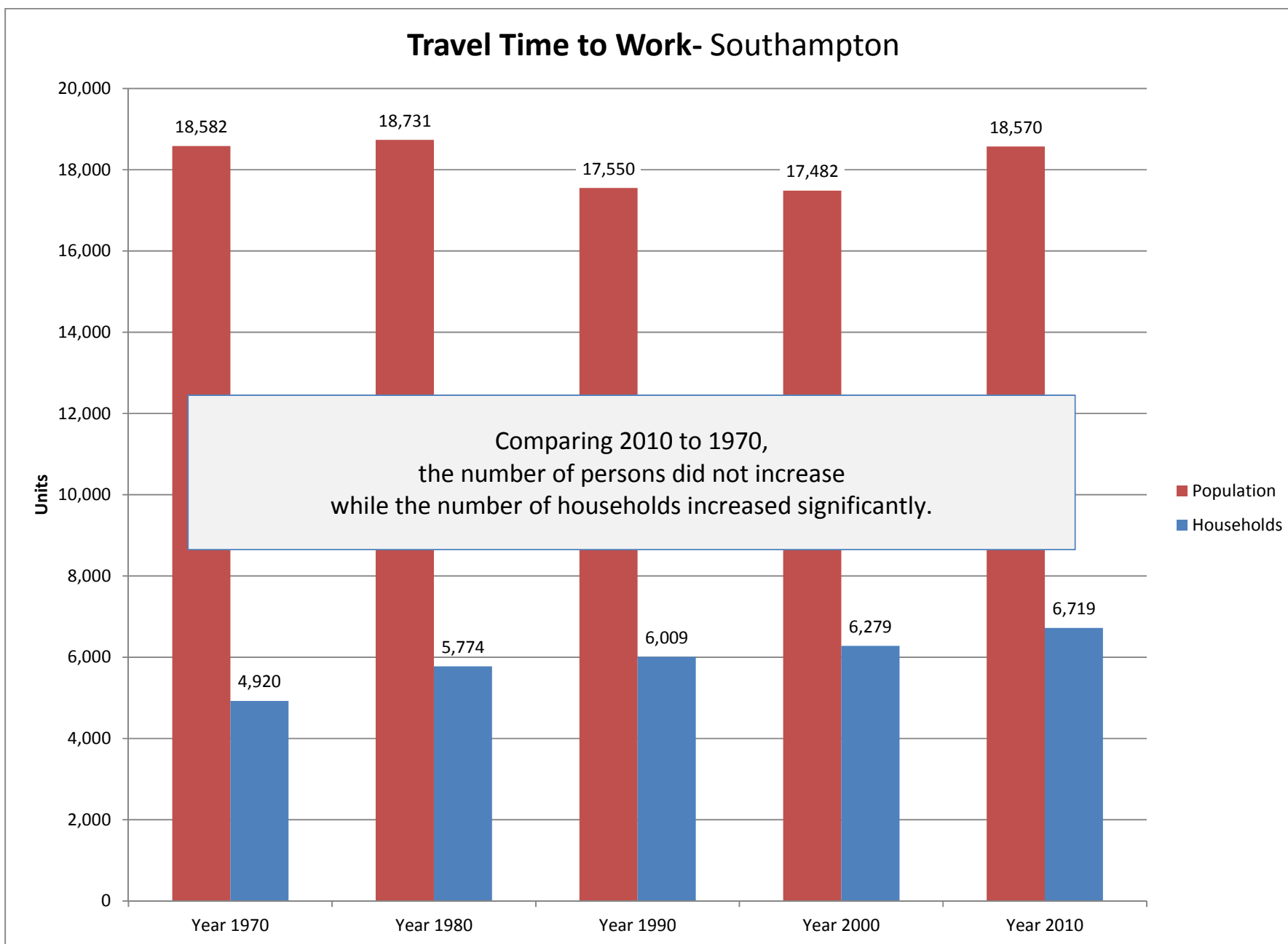
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



## Transportation Related Census Data, Suffolk, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

The 1970 data on this page is the sum of the City of Suffolk data and Nansemond County data. In 1974, the City of Suffolk consolidated with the towns of Holland and Whaleyville, and the County of Nansemond.

| <b>Suffolk</b>  | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Population</b>                                     |                           |                  |                  |                  |                  |                  |
| Population  | Full                      | 45,024           | 47,621           | 52,141           | 63,677           | 84,585           |
|   |                           |                  | <u>1970's</u>    | <u>1980's</u>    | <u>1990's</u>    | <u>2000's</u>    |
| Growth Rate, annual                                   | Full                      | n.a.             | 0.6%             | 0.9%             | 2.0%             | 2.9%             |
| In Households   | Full                      | 44,678           | 47,179           | 51,477           | 62,698           | 83,457           |
| In Group Quarters                                     | Full                      | 346              | 442              | 664              | 979              | 1,128            |
|   |                           | 45,024           | 47,621           | 52,141           | 63,677           | 84,585           |
| Population in Group Quarters                          |                           |                  |                  |                  |                  |                  |
| In Nursing Facilities                                 | Mixed                     | 125              | 347              | 471              | 417              | 267              |
| In Other Institutional Facilities                     | Mixed                     | 53               | 96               | 141              | 457              | 762              |
| In College/University Student Housing                 | Mixed                     | 0                | 0                | 30               | 0                | 0                |
| In Military Quarters                                  | Mixed                     | 11               | 0                | 0                | 0                | 0                |
| In Other Noninstitutional Facilities                  | Mixed                     | 275              | 0                | 22               | 105              | 99               |
| Total <sup>2</sup>                                    |                           | 464              | 443              | 664              | 979              | 1,128            |
| Detail of "In Other Institutional Facilities" (above) |                           |                  |                  |                  |                  |                  |
| In Correctional Facilities                            | Full                      | n.a.             | n.a.             | 141              | 441              | 762              |
| In Other Institutional Facilities                     | Full                      | n.a.             | n.a.             | 0                | 16               | 0                |
|   |                           |                  |                  | 141              | 457              | 762              |
| <b>Age</b>  |                           |                  |                  |                  |                  |                  |
| Ages 0 thru 17  | Full                      | 16,665           | 14,072           | 14,143           | 17,733           | 22,137           |
| Ages 18 thru 64                                       | Full                      | 24,335           | 28,082           | 31,246           | 38,676           | 52,721           |
| Ages 65 thru 74                                       | Full                      | 2,649            | 3,541            | 4,138            | 3,988            | 5,661            |
| Age 75 and Over                                       | Full                      | 1,375            | 1,926            | 2,614            | 3,280            | 4,066            |
|   |                           | 45,024           | 47,621           | 52,141           | 63,677           | 84,585           |
| Ages 0 thru 17  | Full                      | 37%              | 30%              | 27%              | 28%              | 26%              |
| Ages 18 thru 64                                       | Full                      | 54%              | 59%              | 60%              | 61%              | 62%              |
| Ages 65 thru 74                                       | Full                      | 6%               | 7%               | 8%               | 6%               | 7%               |
| Age 75 and Over                                       | Full                      | 3%               | 4%               | 5%               | 5%               | 5%               |
|   |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Suffolk</b>                                   | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 13,136           | 15,742           | 18,516           | 23,283           | 30,868           |
| Persons per Household                            | Full                      | 3.40             | 3.00             | 2.78             | 2.69             | 2.70             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 17,691           | 20,829           | 24,199           | 28,933           | 41,308           |
| Armed Forces                                     | Sample                    | 63               | 112              | 384              | 1,412            | 2,213            |
| Not in Labor Force                               | Sample                    | 12,362           | 14,568           | 14,878           | 17,386           | 21,224           |
|  |                           | 30,116           | 35,509           | 39,461           | 47,731           | 64,745           |
| Civilian Labor Force, % of labor force           | Sample                    | 100%             | 99%              | 98%              | 95%              | 95%              |
| Armed Forces, % of labor force                   | Sample                    | 0%               | 1%               | 2%               | 5%               | 5%               |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| In Labor Force, % of pop. age 16+                | Sample                    | 59%              | 59%              | 62%              | 64%              | 67%              |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 41%              | 41%              | 38%              | 36%              | 33%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 3,713            | 2,444            | 2,992            | 2,394            | 1,457            |
| Occ'd Housing Units with Vehicles                | Sample                    | 9,423            | 13,298           | 15,524           | 20,889           | 28,790           |
|  |                           | 13,136           | 15,742           | 18,516           | 23,283           | 30,247           |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 28%              | 16%              | 16%              | 10%              | 5%               |
| Occupied Housing Units with Vehicles, %          | Sample                    | 72%              | 84%              | 84%              | 90%              | 95%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Suffolk</b>                                | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample                    | n.a.             | 11,700           | 15,668           | 22,815           | 34,125           |
| Carpooled (car, truck, van)                   | Sample                    | n.a.             | 5,388            | 4,555            | 3,905            | 3,307            |
| Public Transportation (excluding taxi)        | Sample                    | n.a.             | 642              | 349              | 255              | 139              |
| Taxicab                                       | Sample                    | n.a.             | 69               | 81               | 80               | 16               |
| Walked  | Sample                    | n.a.             | 787              | 744              | 365              | 219              |
| Motorcycle                                    | Sample                    | n.a.             | 45               | 15               | 20               | 33               |
| Bicycle                                       | Sample                    | n.a.             | 39               | 79               | 25               | 93               |
| Other Means                                   | Sample                    | n.a.             | 153              | 223              | 440              | 384              |
| Worked at Home                                | Sample                    | n.a.             | 277              | 541              | 480              | 1,002            |
|   |                           | n.a.             | 19,100           | 22,255           | 28,385           | 39,318           |
| <b><u>Means of Transportation to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample                    | n.a.             | 61%              | 70%              | 80%              | 87%              |
| Carpooled (car, truck, van)                   | Sample                    | n.a.             | 28%              | 20%              | 14%              | 8%               |
| Public Transportation (excluding taxi)        | Sample                    | n.a.             | 3.4%             | 1.6%             | 0.9%             | 0.4%             |
| Taxicab                                       | Sample                    | n.a.             | 0.36%            | 0.36%            | 0.28%            | 0.04%            |
| Walked  | Sample                    | n.a.             | 4.1%             | 3.3%             | 1.3%             | 0.6%             |
| Motorcycle                                    | Sample                    | n.a.             | 0.2%             | 0.1%             | 0.1%             | 0.1%             |
| Bicycle                                       | Sample                    | n.a.             | 0.2%             | 0.4%             | 0.1%             | 0.2%             |
| Other Means                                   | Sample                    | n.a.             | 0.8%             | 1.0%             | 1.6%             | 1.0%             |
| Worked at Home                                | Sample                    | n.a.             | 1.5%             | 2.4%             | 1.7%             | 2.5%             |
|   |                           | n.a.             | 100%             | 100%             | 100%             | 100%             |
| <b><u>Travel Time to Work</u></b>             |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample                    | n.a.             | 24.4             | 24.1             | 27.3             | 28.3             |
| Workers 16+ (Did Not Work at Home)            |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample                    | n.a.             | 2,546            | 2,993            | 2,494            | 3,207            |
| 10 to 44 minutes                              | Sample                    | n.a.             | 13,826           | 15,327           | 20,553           | 27,002           |
| 45 or more minutes                            | Sample                    | n.a.             | 2,956            | 3,394            | 4,844            | 8,107            |
|   |                           | n.a.             | 19,328           | 21,714           | 27,891           | 38,316           |
| Less than 10 minutes                          | Sample                    | n.a.             | 13%              | 14%              | 9%               | 8%               |
| 10 to 44 minutes                              | Sample                    | n.a.             | 72%              | 71%              | 74%              | 70%              |
| 45 or more minutes                            | Sample                    | n.a.             | 15%              | 16%              | 17%              | 21%              |
|   |                           | n.a.             | 100%             | 100%             | 100%             | 100%             |



| <b>Suffolk</b>                                |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 2,063            | 3,270            | 5,193            |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 5,231            | 6,680            | 8,766            |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 6,262            | 7,570            | 9,310            |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 3,327            | 3,815            | 5,424            |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 864              | 1,035            | 1,816            |                  |
| Other Times                                   | Sample | n.a.                      | n.a.             | 3,967            | 5,520            | 7,807            |                  |
|   |        | n.a.                      | n.a.             | 21,714           | 27,890           | 38,316           |                  |
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 10%              | 12%              | 14%              |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 24%              | 24%              | 23%              |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 29%              | 27%              | 24%              |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 15%              | 14%              | 14%              |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 4%               | 4%               | 5%               |                  |
| Other Hours                                   | Sample | n.a.                      | n.a.             | 18%              | 20%              | 20%              |                  |
|   |        | n.a.                      | n.a.             | 100%             | 100%             | 100%             |                  |
| <b><u>Place of Work</u></b>                   |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample | n.a.                      | n.a.             | 11,801           | 11,309           | 14,021           |                  |
| Work Outside County of Residence              | Sample | n.a.                      | n.a.             | 10,454           | 17,063           | 25,297           |                  |
|   |        | n.a.                      | n.a.             | 22,255           | 28,372           | 39,318           |                  |
| Work In County of Residence, %                | Sample | n.a.                      | n.a.             | 53%              | 40%              | 36%              |                  |
| Work Outside County of Residence, %           | Sample | n.a.                      | n.a.             | 47%              | 60%              | 64%              |                  |
|   |        | n.a.                      | n.a.             | 100%             | 100%             | 100%             |                  |

**Footnotes**<sup>1</sup>Source:

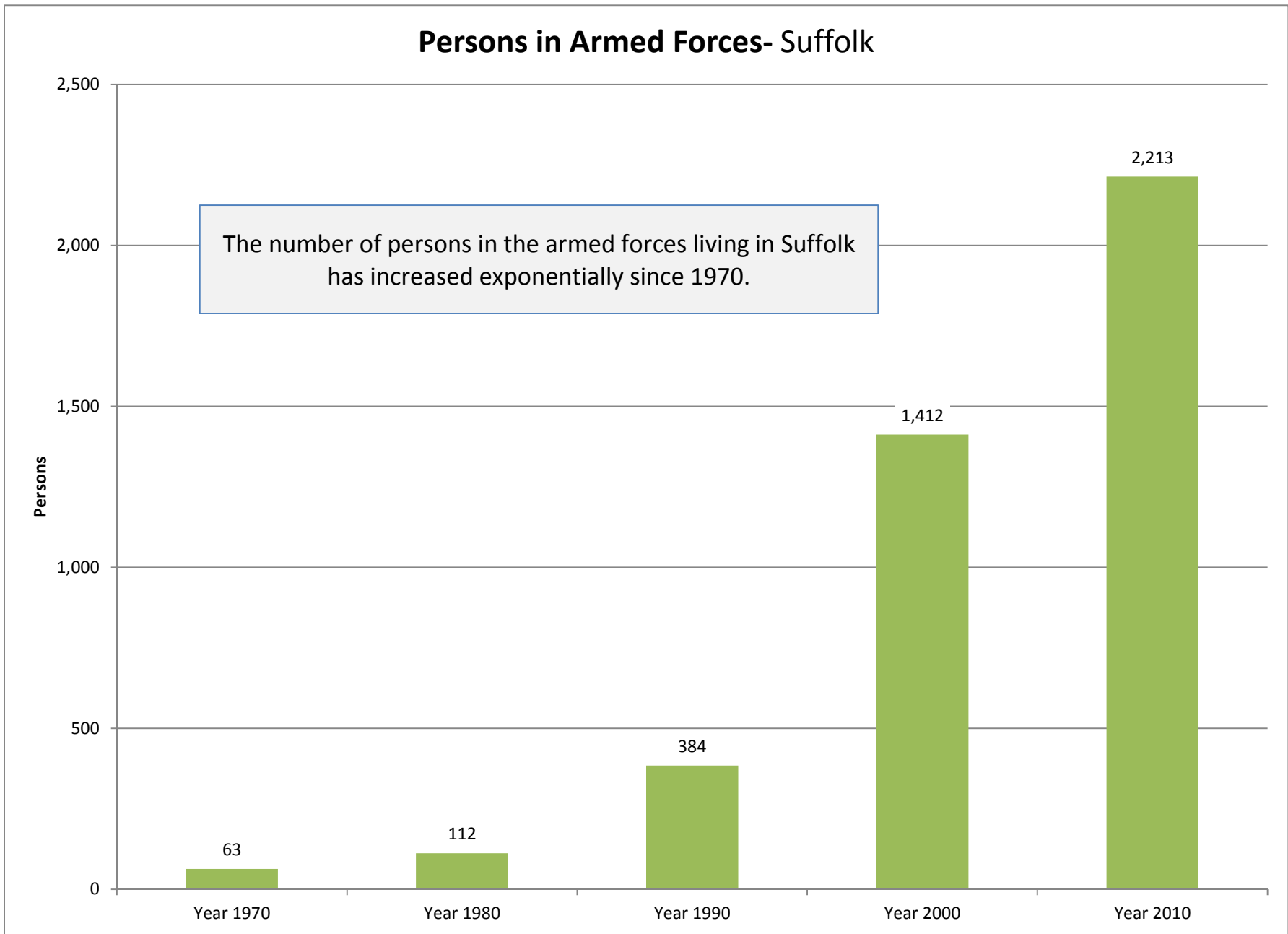
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, Surry, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| Surry   |  | Source <sup>1</sup> | Year 1970 | Year 1980     | Year 1990     | Year 2000     | Year 2010     |
|---|--|---------------------|-----------|---------------|---------------|---------------|---------------|
| <b>Population</b>                                     |  |                     |           |               |               |               |               |
| Population  |  | Full                | 5,882     | 6,046         | 6,145         | 6,829         | 7,058         |
|   |  |                     |           | <u>1970's</u> | <u>1980's</u> | <u>1990's</u> | <u>2000's</u> |
| Growth Rate, annual                                   |  | Full                | n.a.      | 0.3%          | 0.2%          | 1.1%          | 0.3%          |
| In Households   |  | Full                | 5,848     | 6,046         | 6,131         | 6,829         | 7,058         |
| In Group Quarters                                     |  | Full                | 34        | 0             | 14            | 0             | 0             |
|   |  |                     | 5,882     | 6,046         | 6,145         | 6,829         | 7,058         |
| Population in Group Quarters                          |  |                     |           |               |               |               |               |
| In Nursing Facilities                                 |  | Mixed               | 0         | 0             | 8             | 0             | 0             |
| In Other Institutional Facilities                     |  | Mixed               | 0         | 0             | 0             | 0             | 0             |
| In College/University Student Housing                 |  | Mixed               | 0         | 0             | 0             | 0             | 0             |
| In Military Quarters                                  |  | Mixed               | 0         | 0             | 0             | 0             | 0             |
| In Other Noninstitutional Facilities                  |  | Mixed               | 76        | 0             | 6             | 0             | 0             |
| Total <sup>2</sup>                                    |  |                     | 76        | 0             | 14            | 0             | 0             |
| Detail of "In Other Institutional Facilities" (above) |  |                     |           |               |               |               |               |
| In Correctional Facilities                            |  | Full                | n.a.      | n.a.          | 0             | 0             | 0             |
| In Other Institutional Facilities                     |  | Full                | n.a.      | n.a.          | 0             | 0             | 0             |
|   |  |                     |           |               | 0             | 0             | 0             |
| <b>Age</b>  |  |                     |           |               |               |               |               |
| Ages 0 thru 17  |  | Full                | 2,286     | 1,822         | 1,621         | 1,721         | 1,487         |
| Ages 18 thru 64                                       |  | Full                | 2,966     | 3,421         | 3,618         | 4,147         | 4,450         |
| Ages 65 thru 74                                       |  | Full                | 408       | 528           | 548           | 529           | 661           |
| Age 75 and Over                                       |  | Full                | 222       | 275           | 358           | 432           | 460           |
|   |  |                     | 5,882     | 6,046         | 6,145         | 6,829         | 7,058         |
| Ages 0 thru 17  |  | Full                | 39%       | 30%           | 26%           | 25%           | 21%           |
| Ages 18 thru 64                                       |  | Full                | 50%       | 57%           | 59%           | 61%           | 63%           |
| Ages 65 thru 74                                       |  | Full                | 7%        | 9%            | 9%            | 8%            | 9%            |
| Age 75 and Over                                       |  | Full                | 4%        | 5%            | 6%            | 6%            | 7%            |
|   |  |                     | 100%      | 100%          | 100%          | 100%          | 100%          |

| <b>Surry</b>                                     | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 1,578            | 2,009            | 2,283            | 2,619            | 2,826            |
| Persons per Household                            | Full                      | 3.71             | 3.01             | 2.69             | 2.61             | 2.50             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 2,191            | 2,617            | 2,882            | 3,374            | n.a.             |
| Armed Forces                                     | Sample                    | 4                | 0                | 6                | 2                | n.a.             |
| Not in Labor Force                               | Sample                    | 1,651            | 1,881            | 1,835            | 1,913            | n.a.             |
|  |                           | 3,846            | 4,498            | 4,723            | 5,289            | n.a.             |
| Civilian Labor Force, % of labor force           | Sample                    | 100%             | 100%             | 100%             | 100%             | n.a.             |
| Armed Forces, % of labor force                   | Sample                    | 0%               | 0%               | 0%               | 0%               | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |
| In Labor Force, % of pop. age 16+                | Sample                    | 57%              | 58%              | 61%              | 64%              | n.a.             |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 43%              | 42%              | 39%              | 36%              | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 315              | 245              | 224              | 188              | n.a.             |
| Occ'd Housing Units with Vehicles                | Sample                    | 1,263            | 1,764            | 2,059            | 2,431            | n.a.             |
|  |                           | 1,578            | 2,009            | 2,283            | 2,619            | n.a.             |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 20%              | 12%              | 10%              | 7%               | n.a.             |
| Occupied Housing Units with Vehicles, %          | Sample                    | 80%              | 88%              | 90%              | 93%              | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |

| <b>Surry</b>                                  | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample                    | n.a.             | 1,257            | 1,842            | 2,365            | n.a.             |
| Carpooled (car, truck, van)                   | Sample                    | n.a.             | 824              | 613              | 604              | n.a.             |
| Public Transportation (excluding taxi)        | Sample                    | n.a.             | 45               | 39               | 20               | n.a.             |
| Taxicab                                       | Sample                    | n.a.             | 0                | 0                | 0                | n.a.             |
| Walked  | Sample                    | n.a.             | 69               | 28               | 30               | n.a.             |
| Motorcycle                                    | Sample                    | n.a.             | 0                | 0                | 0                | n.a.             |
| Bicycle                                       | Sample                    | n.a.             | 0                | 0                | 0                | n.a.             |
| Other Means                                   | Sample                    | n.a.             | 31               | 53               | 35               | n.a.             |
| Worked at Home                                | Sample                    | n.a.             | 156              | 47               | 100              | n.a.             |
|   |                           | n.a.             | 2,382            | 2,622            | 3,154            | n.a.             |
| <b><u>Means of Transportation to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample                    | n.a.             | 53%              | 70%              | 75%              | n.a.             |
| Carpooled (car, truck, van)                   | Sample                    | n.a.             | 35%              | 23%              | 19%              | n.a.             |
| Public Transportation (excluding taxi)        | Sample                    | n.a.             | 1.9%             | 1.5%             | 0.6%             | n.a.             |
| Taxicab                                       | Sample                    | n.a.             | 0.00%            | 0.00%            | 0.00%            | n.a.             |
| Walked  | Sample                    | n.a.             | 2.9%             | 1.1%             | 1.0%             | n.a.             |
| Motorcycle                                    | Sample                    | n.a.             | 0.0%             | 0.0%             | 0.0%             | n.a.             |
| Bicycle                                       | Sample                    | n.a.             | 0.0%             | 0.0%             | 0.0%             | n.a.             |
| Other Means                                   | Sample                    | n.a.             | 1.3%             | 2.0%             | 1.1%             | n.a.             |
| Worked at Home                                | Sample                    | n.a.             | 6.5%             | 1.8%             | 3.2%             | n.a.             |
|   |                           | n.a.             | 100%             | 100%             | 100%             | n.a.             |
| <b><u>Travel Time to Work</u></b>             |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample                    | n.a.             | 32.5             | 31.7             | 39.0             | n.a.             |
| Workers 16+ (Did Not Work at Home)            |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample                    | n.a.             | 303              | 321              | 326              | n.a.             |
| 10 to 44 minutes                              | Sample                    | n.a.             | 1,142            | 1,363            | 1,644            | n.a.             |
| 45 or more minutes                            | Sample                    | n.a.             | 700              | 891              | 1,079            | n.a.             |
|   |                           | n.a.             | 2,145            | 2,575            | 3,049            | n.a.             |
| Less than 10 minutes                          | Sample                    | n.a.             | 14%              | 12%              | 11%              | n.a.             |
| 10 to 44 minutes                              | Sample                    | n.a.             | 53%              | 53%              | 54%              | n.a.             |
| 45 or more minutes                            | Sample                    | n.a.             | 33%              | 35%              | 35%              | n.a.             |
|   |                           | n.a.             | 100%             | 100%             | 100%             | n.a.             |

| <b>Surry</b>                                  | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 503              | 525              | n.a.             |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 630              | 690              | n.a.             |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 704              | 780              | n.a.             |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 267              | 345              | n.a.             |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 47               | 75               | n.a.             |
| Other Times                                   | Sample                    | n.a.             | n.a.             | 424              | 632              | n.a.             |
|   |                           | n.a.             | n.a.             | 2,575            | 3,047            | n.a.             |
| <b><u>Time Leaving Home to Go to Work</u></b> |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample                    | n.a.             | n.a.             | 20%              | 17%              | n.a.             |
| 6:00 a.m. to 6:59 a.m.                        | Sample                    | n.a.             | n.a.             | 24%              | 23%              | n.a.             |
| 7:00 a.m. to 7:59 a.m.                        | Sample                    | n.a.             | n.a.             | 27%              | 26%              | n.a.             |
| 8:00 a.m. to 8:59 a.m.                        | Sample                    | n.a.             | n.a.             | 10%              | 11%              | n.a.             |
| 9:00 a.m. to 9:59 a.m.                        | Sample                    | n.a.             | n.a.             | 2%               | 2%               | n.a.             |
| Other Hours                                   | Sample                    | n.a.             | n.a.             | 16%              | 21%              | n.a.             |
|   |                           | n.a.             | n.a.             | 100%             | 100%             | n.a.             |
| <b><u>Place of Work</u></b>                   |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample                    | n.a.             | n.a.             | 1,079            | 936              | n.a.             |
| Work Outside County of Residence              | Sample                    | n.a.             | n.a.             | 1,543            | 2,211            | n.a.             |
|   |                           | n.a.             | n.a.             | 2,622            | 3,147            | n.a.             |
| Work In County of Residence, %                | Sample                    | n.a.             | n.a.             | 41%              | 30%              | n.a.             |
| Work Outside County of Residence, %           | Sample                    | n.a.             | n.a.             | 59%              | 70%              | n.a.             |
|   |                           | n.a.             | n.a.             | 100%             | 100%             | n.a.             |

**Footnotes**<sup>1</sup>Source:

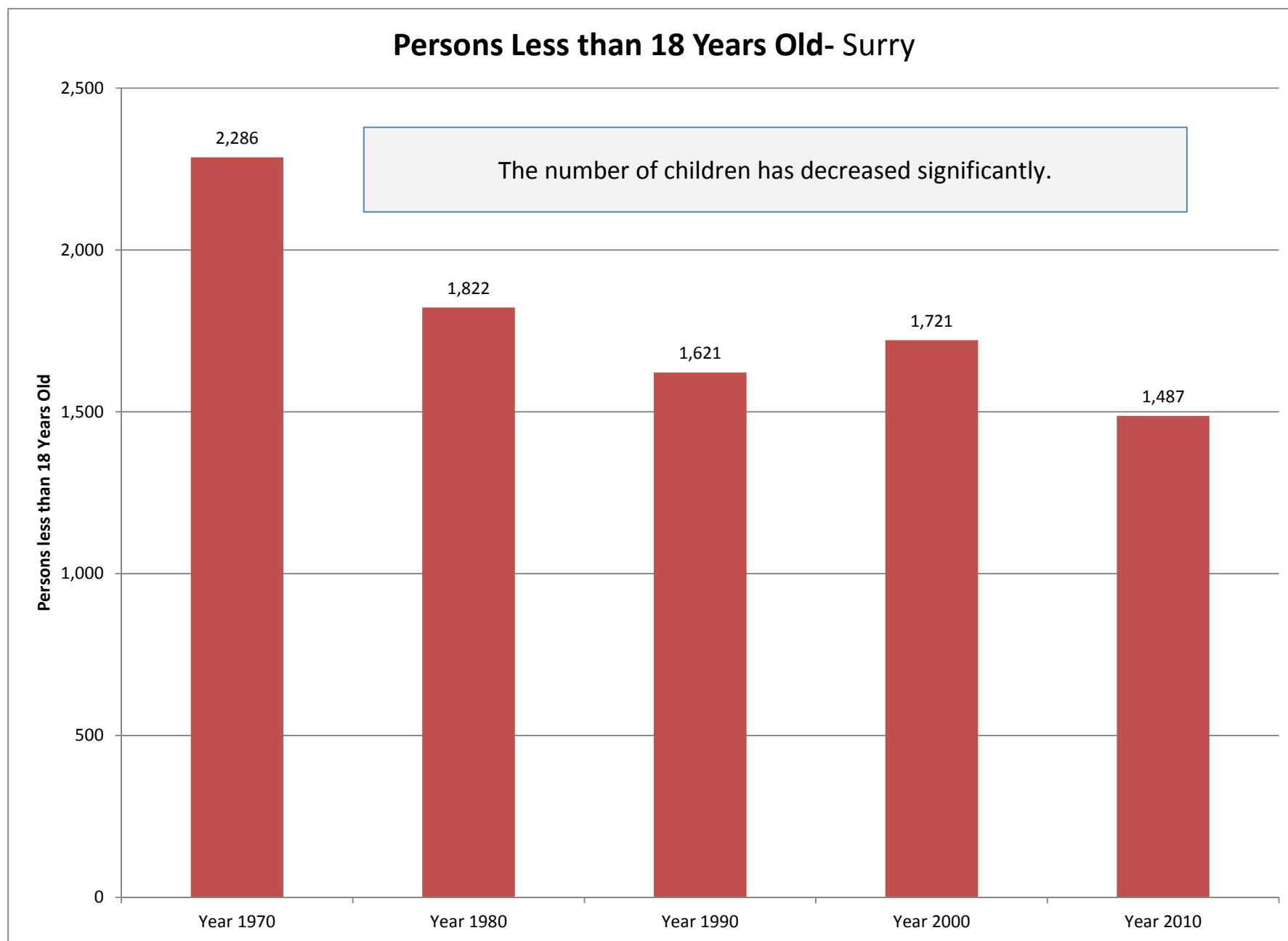
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, Va. Beach, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| <b>Virginia Beach</b>                                 | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Population</b>                                     |                           |                  |                  |                  |                  |                  |
| Population  | Full                      | 172,106          | 262,199          | 393,069          | 425,257          | 437,994          |
|   |                           |                  | <u>1970's</u>    | <u>1980's</u>    | <u>1990's</u>    | <u>2000's</u>    |
| Growth Rate, annual                                   | Full                      | n.a.             | 4.3%             | 4.1%             | 0.8%             | 0.3%             |
| In Households   | Full                      | 159,601          | 252,739          | 381,708          | 417,574          | 428,741          |
| In Group Quarters                                     | Full                      | 12,505           | 9,460            | 11,361           | 7,683            | 9,253            |
|   |                           | 172,106          | 262,199          | 393,069          | 425,257          | 437,994          |
| Population in Group Quarters                          |                           |                  |                  |                  |                  |                  |
| In Nursing Facilities                                 | Mixed                     | 321              | 719              | 879              | 1,753            | 1,520            |
| In Other Institutional Facilities                     | Mixed                     | 40               | 192              | 618              | 1,041            | 1,441            |
| In College/University Student Housing                 | Mixed                     | 5                | 273              | 488              | 54               | 1,073            |
| In Military Quarters                                  | Mixed                     | 11,755           | 8,271            | 8,805            | 4,280            | 4,669            |
| In Other Noninstitutional Facilities                  | Mixed                     | 323              | 33               | 571              | 555              | 550              |
| Total <sup>2</sup>                                    |                           | 12,444           | 9,488            | 11,361           | 7,683            | 9,253            |
| Detail of "In Other Institutional Facilities" (above) |                           |                  |                  |                  |                  |                  |
| In Correctional Facilities                            | Full                      | n.a.             | n.a.             | 504              | 961              | 1,441            |
| In Other Institutional Facilities                     | Full                      | n.a.             | n.a.             | 114              | 80               | 0                |
|   |                           |                  |                  | 618              | 1,041            | 1,441            |
| <b>Age</b>  |                           |                  |                  |                  |                  |                  |
| Ages 0 thru 17  | Full                      | 66,435           | 80,529           | 109,887          | 116,888          | 105,249          |
| Ages 18 thru 64                                       | Full                      | 99,718           | 169,757          | 259,968          | 272,436          | 286,310          |
| Ages 65 thru 74                                       | Full                      | 3,883            | 7,683            | 15,295           | 20,735           | 25,916           |
| Age 75 and Over                                       | Full                      | 2,070            | 4,230            | 7,919            | 15,198           | 20,519           |
|   |                           | 172,106          | 262,199          | 393,069          | 425,257          | 437,994          |
| Ages 0 thru 17  | Full                      | 39%              | 31%              | 28%              | 27%              | 24%              |
| Ages 18 thru 64                                       | Full                      | 58%              | 65%              | 66%              | 64%              | 65%              |
| Ages 65 thru 74                                       | Full                      | 2%               | 3%               | 4%               | 5%               | 6%               |
| Age 75 and Over                                       | Full                      | 1%               | 2%               | 2%               | 4%               | 5%               |
|   |                           | 100%             | 100%             | 100%             | 100%             | 100%             |



| <b>Virginia Beach</b>                            | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 45,130           | 85,155           | 135,566          | 154,455          | 165,089          |
| Persons per Household                            | Full                      | 3.54             | 2.97             | 2.82             | 2.70             | 2.60             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 50,076           | 111,803          | 183,307          | 203,170          | 224,089          |
| Armed Forces                                     | Sample                    | 22,819           | 24,814           | 41,938           | 31,087           | 23,756           |
| Not in Labor Force                               | Sample                    | 39,003           | 55,148           | 68,224           | 87,025           | 98,492           |
|  |                           | 111,898          | 191,765          | 293,469          | 321,282          | 346,337          |
| Civilian Labor Force, % of labor force           | Sample                    | 69%              | 82%              | 81%              | 87%              | 90%              |
| Armed Forces, % of labor force                   | Sample                    | 31%              | 18%              | 19%              | 13%              | 10%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| In Labor Force, % of pop. age 16+                | Sample                    | 65%              | 71%              | 77%              | 73%              | 72%              |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 35%              | 29%              | 23%              | 27%              | 28%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 2,449            | 2,667            | 5,115            | 7,254            | 6,664            |
| Occ'd Housing Units with Vehicles                | Sample                    | 42,680           | 82,488           | 130,451          | 147,201          | 157,311          |
|  |                           | 45,129           | 85,155           | 135,566          | 154,455          | 163,975          |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 5%               | 3%               | 4%               | 5%               | 4%               |
| Occupied Housing Units with Vehicles, %          | Sample                    | 95%              | 97%              | 96%              | 95%              | 96%              |
|  |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Virginia Beach</b>                         |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 86,788           | 167,265          | 182,640          | 188,385          |                  |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 27,282           | 25,531           | 24,035           | 19,744           |                  |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 2,107            | 1,534            | 1,598            | 1,772            |                  |
| Taxicab                                       | Sample | n.a.                      | 68               | 103              | 50               | 127              |                  |
| Walked  | Sample | n.a.                      | 7,837            | 7,373            | 4,370            | 5,790            |                  |
| Motorcycle                                    | Sample | n.a.                      | 869              | 603              | 275              | 399              |                  |
| Bicycle                                       | Sample | n.a.                      | 612              | 912              | 720              | 1,689            |                  |
| Other Means                                   | Sample | n.a.                      | 1,667            | 3,154            | 2,795            | 1,524            |                  |
| Worked at Home                                | Sample | n.a.                      | 1,432            | 6,957            | 6,165            | 10,484           |                  |
|   |        | n.a.                      | 128,662          | 213,432          | 222,648          | 229,914          |                  |
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 67%              | 78%              | 82%              | 82%              |                  |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 21%              | 12%              | 11%              | 9%               |                  |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 1.6%             | 0.7%             | 0.7%             | 0.8%             |                  |
| Taxicab                                       | Sample | n.a.                      | 0.05%            | 0.05%            | 0.02%            | 0.06%            |                  |
| Walked  | Sample | n.a.                      | 6.1%             | 3.5%             | 2.0%             | 2.5%             |                  |
| Motorcycle                                    | Sample | n.a.                      | 0.7%             | 0.3%             | 0.1%             | 0.2%             |                  |
| Bicycle                                       | Sample | n.a.                      | 0.5%             | 0.4%             | 0.3%             | 0.7%             |                  |
| Other Means                                   | Sample | n.a.                      | 1.3%             | 1.5%             | 1.3%             | 0.7%             |                  |
| Worked at Home                                | Sample | n.a.                      | 1.1%             | 3.3%             | 2.8%             | 4.6%             |                  |
|   |        | n.a.                      | 100%             | 100%             | 100%             | 100%             |                  |
| <b><u>Travel Time to Work</u></b>             |        |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample | n.a.                      | 21.9             | 22.7             | 23.9             | 22.8             |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 15,950           | 23,819           | 21,814           | 23,250           |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 101,346          | 161,382          | 175,605          | 178,672          |                  |
| 45 or more minutes                            | Sample | n.a.                      | 9,812            | 21,274           | 19,064           | 17,508           |                  |
|   |        | n.a.                      | 127,108          | 206,475          | 216,483          | 219,430          |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 13%              | 12%              | 10%              | 11%              |                  |
| 10 to 44 minutes                              | Sample | n.a.                      | 80%              | 78%              | 81%              | 81%              |                  |
| 45 or more minutes                            | Sample | n.a.                      | 8%               | 10%              | 9%               | 8%               |                  |
|   |        | n.a.                      | 100%             | 100%             | 100%             | 100%             |                  |

| <b>Virginia Beach</b>                         |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 21,869           | 19,400           | 21,255           |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 46,367           | 47,755           | 46,926           |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 55,659           | 62,020           | 54,637           |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 35,365           | 36,025           | 38,806           |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 11,280           | 12,500           | 13,721           |                  |
| Other Times                                   | Sample | n.a.                      | n.a.             | 35,935           | 38,790           | 44,085           |                  |
|   |        | n.a.                      | n.a.             | 206,475          | 216,490          | 219,430          |                  |
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 11%              | 9%               | 10%              |                  |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 22%              | 22%              | 21%              |                  |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 27%              | 29%              | 25%              |                  |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 17%              | 17%              | 18%              |                  |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 5%               | 6%               | 6%               |                  |
| Other Hours                                   | Sample | n.a.                      | n.a.             | 17%              | 18%              | 20%              |                  |
|   |        | n.a.                      | n.a.             | 100%             | 100%             | 100%             |                  |
| <b><u>Place of Work</u></b>                   |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample | n.a.                      | n.a.             | 117,095          | 127,961          | 143,026          |                  |
| Work Outside County of Residence              | Sample | n.a.                      | n.a.             | 96,337           | 94,687           | 86,888           |                  |
|   |        | n.a.                      | n.a.             | 213,432          | 222,648          | 229,914          |                  |
| Work In County of Residence, %                | Sample | n.a.                      | n.a.             | 55%              | 57%              | 62%              |                  |
| Work Outside County of Residence, %           | Sample | n.a.                      | n.a.             | 45%              | 43%              | 38%              |                  |
|   |        | n.a.                      | n.a.             | 100%             | 100%             | 100%             |                  |

**Footnotes**<sup>1</sup>Source:

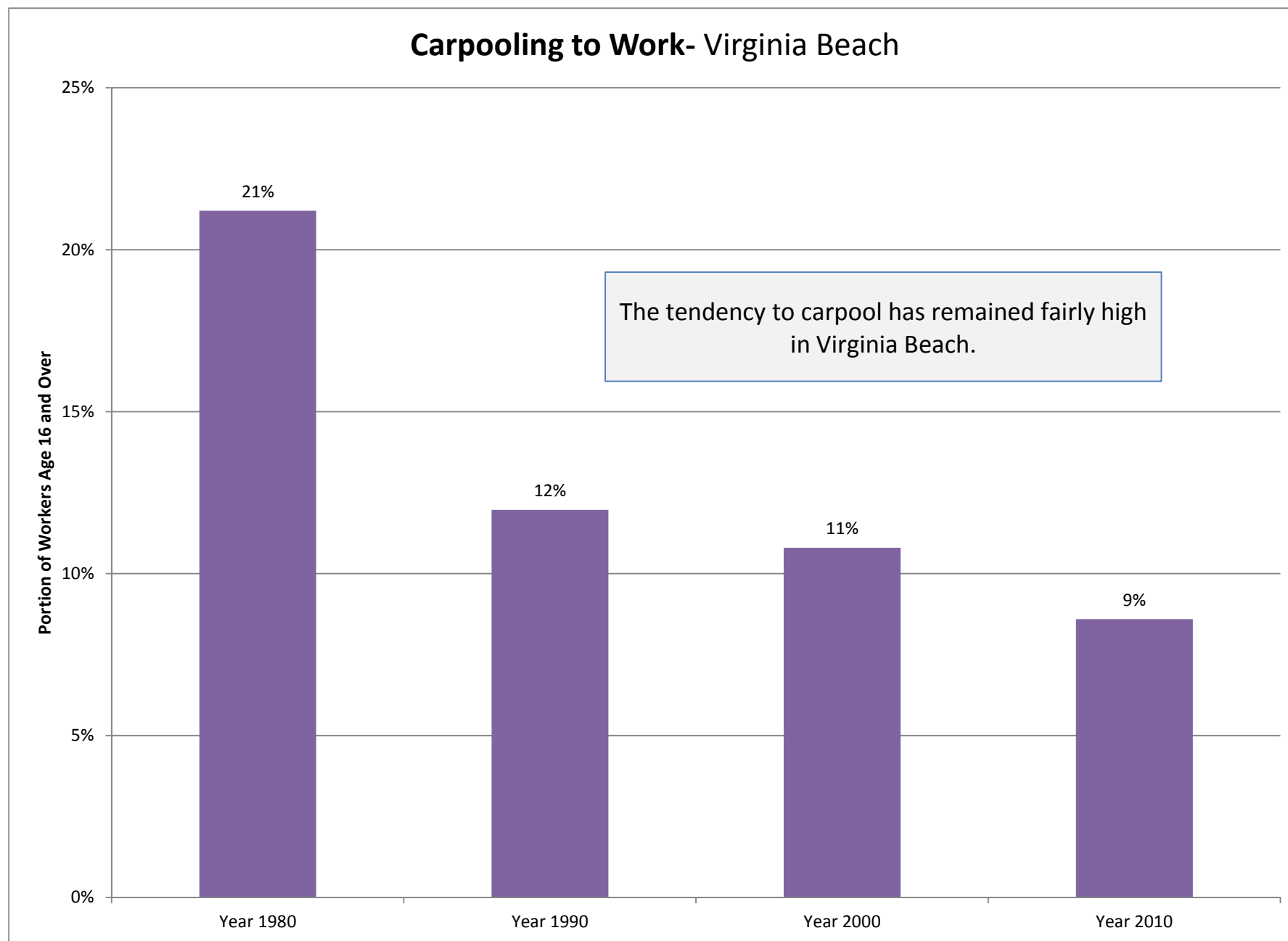
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, Williamsburg, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| <b>Williamsburg</b>                                   | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Population</u></b>                              |                           |                  |                  |                  |                  |                  |
| Population  | Full                      | 9,069            | 9,870            | 11,530           | 11,998           | 14,068           |
|   |                           |                  | <u>1970's</u>    | <u>1980's</u>    | <u>1990's</u>    | <u>2000's</u>    |
| Growth Rate, annual                                   | Full                      | n.a.             | 0.8%             | 1.6%             | 0.4%             | 1.6%             |
| In Households   | Full                      | 5,918            | 5,987            | 7,304            | 7,500            | 9,897            |
| In Group Quarters                                     | Full                      | 3,151            | 3,883            | 4,226            | 4,498            | 4,171            |
|   |                           | 9,069            | 9,870            | 11,530           | 11,998           | 14,068           |
| Population in Group Quarters                          |                           |                  |                  |                  |                  |                  |
| In Nursing Facilities                                 | Mixed                     | 0                | 185              | 153              | 136              | 116              |
| In Other Institutional Facilities                     | Mixed                     | 21               | 0                | 56               | 0                | 0                |
| In College/University Student Housing                 | Mixed                     | 2,889            | 3,748            | 3,994            | 4,354            | 4,051            |
| In Military Quarters                                  | Mixed                     | 0                | 0                | 0                | 0                | 0                |
| In Other Noninstitutional Facilities                  | Mixed                     | 223              | 6                | 23               | 8                | 4                |
| Total <sup>2</sup>                                    |                           | 3,133            | 3,939            | 4,226            | 4,498            | 4,171            |
| Detail of "In Other Institutional Facilities" (above) |                           |                  |                  |                  |                  |                  |
| In Correctional Facilities                            | Full                      | n.a.             | n.a.             | 53               | 0                | 0                |
| In Other Institutional Facilities                     | Full                      | n.a.             | n.a.             | 3                | 0                | 0                |
|   |                           |                  |                  | 56               | 0                | 0                |
| <b><u>Age</u></b>                                     |                           |                  |                  |                  |                  |                  |
| Ages 0 thru 17  | Full                      | 1,442            | 893              | 1,058            | 1,148            | 1,404            |
| Ages 18 thru 64                                       | Full                      | 6,989            | 7,952            | 9,100            | 9,446            | 10,785           |
| Ages 65 thru 74                                       | Full                      | 403              | 608              | 744              | 713              | 1,071            |
| Age 75 and Over                                       | Full                      | 235              | 417              | 628              | 691              | 808              |
|   |                           | 9,069            | 9,870            | 11,530           | 11,998           | 14,068           |
| Ages 0 thru 17  | Full                      | 16%              | 9%               | 9%               | 10%              | 10%              |
| Ages 18 thru 64                                       | Full                      | 77%              | 81%              | 79%              | 79%              | 77%              |
| Ages 65 thru 74                                       | Full                      | 4%               | 6%               | 6%               | 6%               | 8%               |
| Age 75 and Over                                       | Full                      | 3%               | 4%               | 5%               | 6%               | 6%               |
|   |                           | 100%             | 100%             | 100%             | 100%             | 100%             |

| <b>Williamsburg</b>                              | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | 2,399            | 2,820            | 3,468            | 3,619            | 4,571            |
| Persons per Household                            | Full                      | 2.47             | 2.12             | 2.11             | 2.07             | 2.17             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | 3,725            | 4,576            | 5,230            | 7,345            | n.a.             |
| Armed Forces                                     | Sample                    | 174              | 52               | 27               | 47               | n.a.             |
| Not in Labor Force                               | Sample                    | 3,937            | 4,522            | 5,409            | 3,559            | n.a.             |
|  |                           | 7,836            | 9,150            | 10,666           | 10,951           | n.a.             |
| Civilian Labor Force, % of labor force           | Sample                    | 96%              | 99%              | 99%              | 99%              | n.a.             |
| Armed Forces, % of labor force                   | Sample                    | 4%               | 1%               | 1%               | 1%               | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |
| In Labor Force, % of pop. age 16+                | Sample                    | 50%              | 51%              | 49%              | 68%              | n.a.             |
| Not in Labor Force, % of pop. age 16+            | Sample                    | 50%              | 49%              | 51%              | 32%              | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | 367              | 301              | 360              | 370              | n.a.             |
| Occ'd Housing Units with Vehicles                | Sample                    | 2,032            | 2,519            | 3,108            | 3,249            | n.a.             |
|  |                           | 2,399            | 2,820            | 3,468            | 3,619            | n.a.             |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | 15%              | 11%              | 10%              | 10%              | n.a.             |
| Occupied Housing Units with Vehicles, %          | Sample                    | 85%              | 89%              | 90%              | 90%              | n.a.             |
|  |                           | 100%             | 100%             | 100%             | 100%             | n.a.             |

| <b>Williamsburg</b>                           |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 2,009            | 2,602            | 2,825            | n.a.             | n.a.             |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 701              | 452              | 405              | n.a.             | n.a.             |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 127              | 48               | 50               | n.a.             | n.a.             |
| Taxicab                                       | Sample | n.a.                      | 95               | 40               | 10               | n.a.             | n.a.             |
| Walked  | Sample | n.a.                      | 1,065            | 1,282            | 640              | n.a.             | n.a.             |
| Motorcycle                                    | Sample | n.a.                      | 0                | 24               | 4                | n.a.             | n.a.             |
| Bicycle                                       | Sample | n.a.                      | 215              | 183              | 80               | n.a.             | n.a.             |
| Other Means                                   | Sample | n.a.                      | 45               | 22               | 50               | n.a.             | n.a.             |
| Worked at Home                                | Sample | n.a.                      | 109              | 241              | 170              | n.a.             | n.a.             |
|   |        | n.a.                      | 4,366            | 4,894            | 4,234            | n.a.             | n.a.             |
| <b><u>Means of Transportation to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Drove Alone (car, truck, van)                 | Sample | n.a.                      | 46%              | 53%              | 67%              | n.a.             | n.a.             |
| Carpooled (car, truck, van)                   | Sample | n.a.                      | 16%              | 9%               | 10%              | n.a.             | n.a.             |
| Public Transportation (excluding taxi)        | Sample | n.a.                      | 2.9%             | 1.0%             | 1.2%             | n.a.             | n.a.             |
| Taxicab                                       | Sample | n.a.                      | 2.18%            | 0.82%            | 0.24%            | n.a.             | n.a.             |
| Walked  | Sample | n.a.                      | 24.4%            | 26.2%            | 15.1%            | n.a.             | n.a.             |
| Motorcycle                                    | Sample | n.a.                      | 0.0%             | 0.5%             | 0.1%             | n.a.             | n.a.             |
| Bicycle                                       | Sample | n.a.                      | 4.9%             | 3.7%             | 1.9%             | n.a.             | n.a.             |
| Other Means                                   | Sample | n.a.                      | 1.0%             | 0.4%             | 1.2%             | n.a.             | n.a.             |
| Worked at Home                                | Sample | n.a.                      | 2.5%             | 4.9%             | 4.0%             | n.a.             | n.a.             |
|   |        | n.a.                      | 100%             | 100%             | 100%             | n.a.             | n.a.             |
| <b><u>Travel Time to Work</u></b>             |        |                           |                  |                  |                  |                  |                  |
| Mean Travel Time to Work, minutes             | Sample | n.a.                      | 14.1             | 12.4             | 18.0             | n.a.             | n.a.             |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| Less than 10 minutes                          | Sample | n.a.                      | 1,730            | 1,991            | 1,181            | n.a.             | n.a.             |
| 10 to 44 minutes                              | Sample | n.a.                      | 2,232            | 2,472            | 2,504            | n.a.             | n.a.             |
| 45 or more minutes                            | Sample | n.a.                      | 241              | 190              | 382              | n.a.             | n.a.             |
|   |        | n.a.                      | 4,203            | 4,653            | 4,067            | n.a.             | n.a.             |
| Less than 10 minutes                          | Sample | n.a.                      | 41%              | 43%              | 29%              | n.a.             | n.a.             |
| 10 to 44 minutes                              | Sample | n.a.                      | 53%              | 53%              | 62%              | n.a.             | n.a.             |
| 45 or more minutes                            | Sample | n.a.                      | 6%               | 4%               | 9%               | n.a.             | n.a.             |
|   |        | n.a.                      | 100%             | 100%             | 100%             | n.a.             | n.a.             |

| <b>Williamsburg</b>                           |        | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|---|--------|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| Workers 16+ (Did Not Work at Home)            |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 169              | 155              | n.a.             | n.a.             |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 412              | 460              | n.a.             | n.a.             |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 863              | 895              | n.a.             | n.a.             |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 1,048            | 1,020            | n.a.             | n.a.             |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 365              | 510              | n.a.             | n.a.             |
| Other Times                                   | Sample | n.a.                      | n.a.             | 1,796            | 1,025            | n.a.             | n.a.             |
|   |        | n.a.                      | n.a.             | 4,653            | 4,065            | n.a.             | n.a.             |
| <b><u>Time Leaving Home to Go to Work</u></b> |        |                           |                  |                  |                  |                  |                  |
| 5:00 a.m. to 5:59 a.m.                        | Sample | n.a.                      | n.a.             | 4%               | 4%               | n.a.             | n.a.             |
| 6:00 a.m. to 6:59 a.m.                        | Sample | n.a.                      | n.a.             | 9%               | 11%              | n.a.             | n.a.             |
| 7:00 a.m. to 7:59 a.m.                        | Sample | n.a.                      | n.a.             | 19%              | 22%              | n.a.             | n.a.             |
| 8:00 a.m. to 8:59 a.m.                        | Sample | n.a.                      | n.a.             | 23%              | 25%              | n.a.             | n.a.             |
| 9:00 a.m. to 9:59 a.m.                        | Sample | n.a.                      | n.a.             | 8%               | 13%              | n.a.             | n.a.             |
| Other Hours                                   | Sample | n.a.                      | n.a.             | 39%              | 25%              | n.a.             | n.a.             |
|   |        | n.a.                      | n.a.             | 100%             | 100%             | n.a.             | n.a.             |
| <b><u>Place of Work</u></b>                   |        |                           |                  |                  |                  |                  |                  |
| Workers 16 Years and Over                     |        |                           |                  |                  |                  |                  |                  |
| Work In County of Residence                   | Sample | n.a.                      | n.a.             | 3,770            | 2,212            | n.a.             | n.a.             |
| Work Outside County of Residence              | Sample | n.a.                      | n.a.             | 1,124            | 2,027            | n.a.             | n.a.             |
|   |        | n.a.                      | n.a.             | 4,894            | 4,239            | n.a.             | n.a.             |
| Work In County of Residence, %                | Sample | n.a.                      | n.a.             | 77%              | 52%              | n.a.             | n.a.             |
| Work Outside County of Residence, %           | Sample | n.a.                      | n.a.             | 23%              | 48%              | n.a.             | n.a.             |
|   |        | n.a.                      | n.a.             | 100%             | 100%             | n.a.             | n.a.             |

In light of the volatility of these work location numbers, note that some employers in James City use "Williamsburg" as their address.

#### Footnotes

<sup>1</sup>Source:

Full: Based on entire population and every housing unit.

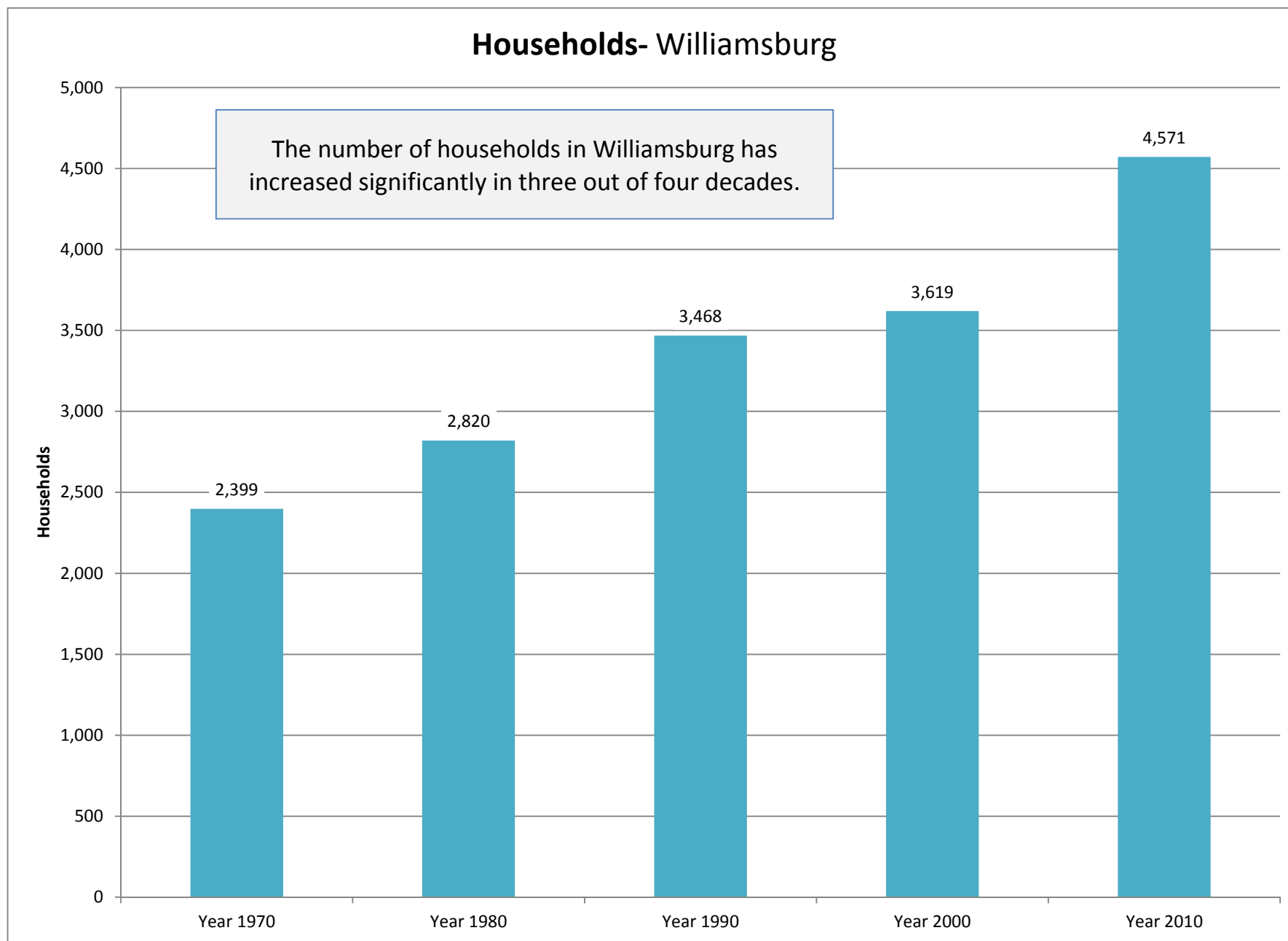
Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.





Data Source: HRTPO analysis of US Census data.

## Transportation Related Census Data, York, 1970-2010

Source: HRTPO analysis of US Census data

Source file: master.xlsx

| York  | Source <sup>1</sup> | Year 1970 | Year 1980     | Year 1990     | Year 2000     | Year 2010     |
|---|---------------------|-----------|---------------|---------------|---------------|---------------|
| <b>Population</b>                                     |                     |           |               |               |               |               |
| Population  | Full                | n.a.      | 35,463        | 42,422        | 56,297        | 65,464        |
|   |                     |           | <u>1970's</u> | <u>1980's</u> | <u>1990's</u> | <u>2000's</u> |
| Growth Rate, annual                                   | Full                | n.a.      | n.a.          | 1.8%          | 2.9%          | 1.5%          |
| In Households   | Full                | n.a.      | 34,270        | 41,912        | 55,670        | 64,816        |
| In Group Quarters                                     | Full                | n.a.      | 1,193         | 510           | 627           | 648           |
|   |                     | n.a.      | 35,463        | 42,422        | 56,297        | 65,464        |
| Population in Group Quarters                          |                     |           |               |               |               |               |
| In Nursing Facilities                                 | Mixed               | n.a.      | 0             | 114           | 118           | 114           |
| In Other Institutional Facilities                     | Mixed               | n.a.      | 25            | 33            | 0             | 0             |
| In College/University Student Housing                 | Mixed               | n.a.      | 7             | 0             | 0             | 0             |
| In Military Quarters                                  | Mixed               | n.a.      | 1,123         | 359           | 372           | 511           |
| In Other Noninstitutional Facilities                  | Mixed               | n.a.      | 6             | 4             | 137           | 23            |
| Total <sup>2</sup>                                    |                     | n.a.      | 1,161         | 510           | 627           | 648           |
| Detail of "In Other Institutional Facilities" (above) |                     |           |               |               |               |               |
| In Correctional Facilities                            | Full                | n.a.      | n.a.          | 33            | 0             | 0             |
| In Other Institutional Facilities                     | Full                | n.a.      | n.a.          | 0             | 0             | 0             |
|   |                     |           |               | 33            | 0             | 0             |
| <b>Age</b>  |                     |           |               |               |               |               |
| Ages 0 thru 17  | Full                | n.a.      | 11,415        | 12,382        | 16,403        | 17,276        |
| Ages 18 thru 64                                       | Full                | n.a.      | 22,135        | 26,872        | 34,758        | 40,254        |
| Ages 65 thru 74                                       | Full                | n.a.      | 1,310         | 2,142         | 3,157         | 4,751         |
| Age 75 and Over                                       | Full                | n.a.      | 603           | 1,026         | 1,979         | 3,183         |
|   |                     | n.a.      | 35,463        | 42,422        | 56,297        | 65,464        |
| Ages 0 thru 17  | Full                | n.a.      | 32%           | 29%           | 29%           | 26%           |
| Ages 18 thru 64                                       | Full                | n.a.      | 62%           | 63%           | 62%           | 61%           |
| Ages 65 thru 74                                       | Full                | n.a.      | 4%            | 5%            | 6%            | 7%            |
| Age 75 and Over                                       | Full                | n.a.      | 2%            | 2%            | 4%            | 5%            |
|   |                     | n.a.      | 100%          | 100%          | 100%          | 100%          |

Because York County included Poquoson in 1970, the 1970 York data is not comparable to later York data and is therefore not included here. Poquoson became an independent city in 1975.

| <b>York</b>                                      | <b>Source<sup>1</sup></b> | <b>Year 1970</b> | <b>Year 1980</b> | <b>Year 1990</b> | <b>Year 2000</b> | <b>Year 2010</b> |
|--|---------------------------|------------------|------------------|------------------|------------------|------------------|
| <b><u>Households</u></b>                         |                           |                  |                  |                  |                  |                  |
| Households                                       | Full                      | n.a.             | 10,895           | 14,474           | 20,000           | 24,006           |
| Persons per Household                            | Full                      | n.a.             | 3.15             | 2.90             | 2.78             | 2.70             |
| <b><u>Employment (by place of residence)</u></b> |                           |                  |                  |                  |                  |                  |
| Population 16 Years and Over                     |                           |                  |                  |                  |                  |                  |
| Civilian Labor Force                             | Sample                    | n.a.             | 14,822           | 19,816           | 26,168           | 30,514           |
| Armed Forces                                     | Sample                    | n.a.             | 3,293            | 2,797            | 3,501            | 3,482            |
| Not in Labor Force                               | Sample                    | n.a.             | 7,523            | 8,821            | 12,186           | 16,965           |
|  |                           | n.a.             | 25,638           | 31,434           | 41,855           | 50,961           |
| Civilian Labor Force, % of labor force           | Sample                    | n.a.             | 82%              | 88%              | 88%              | 90%              |
| Armed Forces, % of labor force                   | Sample                    | n.a.             | 18%              | 12%              | 12%              | 10%              |
|  |                           | n.a.             | 100%             | 100%             | 100%             | 100%             |
| In Labor Force, % of pop. age 16+                | Sample                    | n.a.             | 71%              | 72%              | 71%              | 67%              |
| Not in Labor Force, % of pop. age 16+            | Sample                    | n.a.             | 29%              | 28%              | 29%              | 33%              |
|  |                           | n.a.             | 100%             | 100%             | 100%             | 100%             |
| <b><u>Vehicles</u></b>                           |                           |                  |                  |                  |                  |                  |
| Occupied Housing Units                           |                           |                  |                  |                  |                  |                  |
| Zero-Vehicle Occ'd Housing Units                 | Sample                    | n.a.             | 360              | 485              | 523              | 535              |
| Occ'd Housing Units with Vehicles                | Sample                    | n.a.             | 10,535           | 13,989           | 19,477           | 24,024           |
|  |                           | n.a.             | 10,895           | 14,474           | 20,000           | 24,559           |
| Zero-Vehicle Occupied Housing Units, %           | Sample                    | n.a.             | 3%               | 3%               | 3%               | 2%               |
| Occupied Housing Units with Vehicles, %          | Sample                    | n.a.             | 97%              | 97%              | 97%              | 98%              |
|  |                           | n.a.             | 100%             | 100%             | 100%             | 100%             |

| York  | Source <sup>1</sup> | Year 1970 | Year 1980 | Year 1990 | Year 2000 | Year 2010 |
|---|---------------------|-----------|-----------|-----------|-----------|-----------|
| <b><u>Means of Transportation to Work</u></b> |                     |           |           |           |           |           |
| Workers 16 Years and Over                     |                     |           |           |           |           |           |
| Drove Alone (car, truck, van)                 | Sample              | n.a.      | 10,986    | 17,488    | 24,485    | n.a.      |
| Carpooled (car, truck, van)                   | Sample              | n.a.      | 3,969     | 2,640     | 2,579     | n.a.      |
| Public Transportation (excluding taxi)        | Sample              | n.a.      | 287       | 139       | 120       | n.a.      |
| Taxicab                                       | Sample              | n.a.      | 32        | 0         | 35        | n.a.      |
| Walked  | Sample              | n.a.      | 1,024     | 521       | 430       | n.a.      |
| Motorcycle                                    | Sample              | n.a.      | 167       | 19        | 15        | n.a.      |
| Bicycle                                       | Sample              | n.a.      | 81        | 16        | 60        | n.a.      |
| Other Means                                   | Sample              | n.a.      | 217       | 134       | 195       | n.a.      |
| Worked at Home                                | Sample              | n.a.      | 207       | 463       | 720       | n.a.      |
|   |                     | n.a.      | 16,970    | 21,420    | 28,639    | n.a.      |
| <b><u>Means of Transportation to Work</u></b> |                     |           |           |           |           |           |
| Drove Alone (car, truck, van)                 | Sample              | n.a.      | 65%       | 82%       | 85%       | n.a.      |
| Carpooled (car, truck, van)                   | Sample              | n.a.      | 23%       | 12%       | 9%        | n.a.      |
| Public Transportation (excluding taxi)        | Sample              | n.a.      | 1.7%      | 0.6%      | 0.4%      | n.a.      |
| Taxicab                                       | Sample              | n.a.      | 0.19%     | 0.00%     | 0.12%     | n.a.      |
| Walked  | Sample              | n.a.      | 6.0%      | 2.4%      | 1.5%      | n.a.      |
| Motorcycle                                    | Sample              | n.a.      | 1.0%      | 0.1%      | 0.1%      | n.a.      |
| Bicycle                                       | Sample              | n.a.      | 0.5%      | 0.1%      | 0.2%      | n.a.      |
| Other Means                                   | Sample              | n.a.      | 1.3%      | 0.6%      | 0.7%      | n.a.      |
| Worked at Home                                | Sample              | n.a.      | 1.2%      | 2.2%      | 2.5%      | n.a.      |
|   |                     | n.a.      | 100%      | 100%      | 100%      | n.a.      |
| <b><u>Travel Time to Work</u></b>             |                     |           |           |           |           |           |
| Mean Travel Time to Work, minutes             | Sample              | n.a.      | 19.8      | 20.3      | 23.7      | 21.2      |
| Workers 16+ (Did Not Work at Home)            |                     |           |           |           |           |           |
| Less than 10 minutes                          | Sample              | n.a.      | 2,436     | 2,373     | 2,818     | 3,965     |
| 10 to 44 minutes                              | Sample              | n.a.      | 12,881    | 17,294    | 22,305    | 24,214    |
| 45 or more minutes                            | Sample              | n.a.      | 981       | 1,290     | 2,791     | 2,687     |
|   |                     | n.a.      | 16,298    | 20,957    | 27,914    | 30,866    |
| Less than 10 minutes                          | Sample              | n.a.      | 15%       | 11%       | 10%       | 13%       |
| 10 to 44 minutes                              | Sample              | n.a.      | 79%       | 83%       | 80%       | 78%       |
| 45 or more minutes                            | Sample              | n.a.      | 6%        | 6%        | 10%       | 9%        |
|   |                     | n.a.      | 100%      | 100%      | 100%      | 100%      |

| York  | Source <sup>1</sup> | Year 1970 | Year 1980 | Year 1990 | Year 2000 | Year 2010 |
|---|---------------------|-----------|-----------|-----------|-----------|-----------|
| <b><u>Time Leaving Home to Go to Work</u></b> |                     |           |           |           |           |           |
| Workers 16+ (Did Not Work at Home)            |                     |           |           |           |           |           |
| 5:00 a.m. to 5:59 a.m.                        | Sample              | n.a.      | n.a.      | 1,236     | 1,570     | 1,972     |
| 6:00 a.m. to 6:59 a.m.                        | Sample              | n.a.      | n.a.      | 4,942     | 6,355     | 8,036     |
| 7:00 a.m. to 7:59 a.m.                        | Sample              | n.a.      | n.a.      | 7,396     | 9,685     | 9,640     |
| 8:00 a.m. to 8:59 a.m.                        | Sample              | n.a.      | n.a.      | 3,215     | 4,870     | 5,090     |
| 9:00 a.m. to 9:59 a.m.                        | Sample              | n.a.      | n.a.      | 939       | 1,430     | 1,984     |
| Other Times                                   | Sample              | n.a.      | n.a.      | 3,229     | 4,030     | 4,144     |
|   |                     | n.a.      | n.a.      | 20,957    | 27,940    | 30,866    |
| <b><u>Time Leaving Home to Go to Work</u></b> |                     |           |           |           |           |           |
| 5:00 a.m. to 5:59 a.m.                        | Sample              | n.a.      | n.a.      | 6%        | 6%        | 6%        |
| 6:00 a.m. to 6:59 a.m.                        | Sample              | n.a.      | n.a.      | 24%       | 23%       | 26%       |
| 7:00 a.m. to 7:59 a.m.                        | Sample              | n.a.      | n.a.      | 35%       | 35%       | 31%       |
| 8:00 a.m. to 8:59 a.m.                        | Sample              | n.a.      | n.a.      | 15%       | 17%       | 16%       |
| 9:00 a.m. to 9:59 a.m.                        | Sample              | n.a.      | n.a.      | 4%        | 5%        | 6%        |
| Other Hours                                   | Sample              | n.a.      | n.a.      | 15%       | 14%       | 13%       |
|   |                     | n.a.      | n.a.      | 100%      | 100%      | 100%      |
| <b><u>Place of Work</u></b>                   |                     |           |           |           |           |           |
| Workers 16 Years and Over                     |                     |           |           |           |           |           |
| Work In County of Residence                   | Sample              | n.a.      | n.a.      | 6,460     | 6,697     | 9,008     |
| Work Outside County of Residence              | Sample              | n.a.      | n.a.      | 14,960    | 21,939    | 23,196    |
|   |                     | n.a.      | n.a.      | 21,420    | 28,636    | 32,204    |
| Work In County of Residence, %                | Sample              | n.a.      | n.a.      | 30%       | 23%       | 28%       |
| Work Outside County of Residence, %           | Sample              | n.a.      | n.a.      | 70%       | 77%       | 72%       |
|   |                     | n.a.      | n.a.      | 100%      | 100%      | 100%      |

**Footnotes**<sup>1</sup>Source:

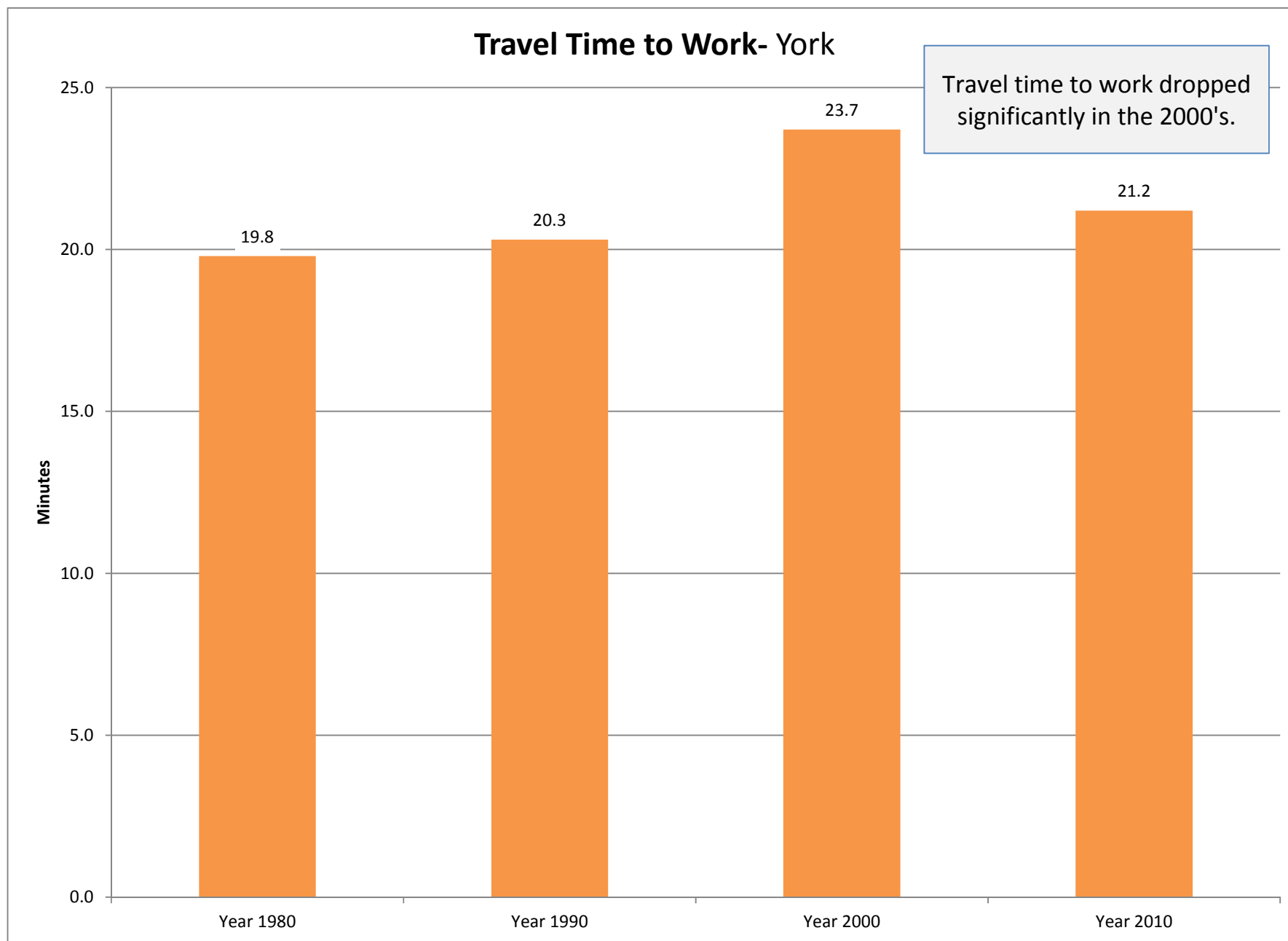
Full: Based on entire population and every housing unit.

Sample: Based on a sample of population and housing units for subject year, except for "2010": 3-year estimate (2009-2011).

Mixed: Based on a sample (1970, 1980) and based on full enumeration (1990, 2000, 2010).

<sup>2</sup>Total:

For the decades with sample data (1970, 1980), these totals differ slightly from "In Group Quarters" above.



Data Source: HRTPO analysis of US Census data.

## CONCLUSIONS

The U.S. Census data provided above is a valuable source of transportation-related information. It can be used to locate single data points (e.g. the number of bicycle commuters in Portsmouth), to compare one locality or MSA to another, or to track changes over time.

Note that the gaps in 2010 data for smaller localities will be filled when the Census Bureau releases the 5-year (2008-2012) sample data.

The data reveal several notable trends for Hampton Roads:

- Population growth has slowed each decade since the 1980's.
- The number of children (ages 0 thru 17) is approximately the same as it was in 1970.
- Although there is much current discussion on the expected growth of elderly in the future due to the aging of the Baby Boom generation, the number of elderly has already quadrupled since 1970.
- The drop in household size has slowed.
- The armed forces' share of the labor force is less than half of what it was in 1970, 9% in 2010 vs. 24% in 1970.
- The portion of households without vehicles is one-third of what it was in 1970, 6% in 2010 vs. 18% in 1970.
- Concerning the time of leaving for work, there has been a shift from the peak a.m. hour (7am) to other hours.

The data also reveal several notable ranks for Hampton Roads vs. other MSAs with 1 to 3 million population:

- A moderate portion of the Hampton Roads population is age 75 and over (5%).
- Hampton Roads has a relatively low travel time to work, 23.4 minutes.
- Hampton Roads has a relatively low carpool rate (9%).
- Hampton Roads has a typical "Drove Alone" rate (81%).

Thanks, in part, to having an economy better than many of the MSAs with a lower portion of housing units with vehicles (e.g. Pittsburgh, Buffalo, Milwaukee, Cleveland, New Orleans), Hampton Roads has a relatively high portion of housing units with vehicles (94%).