

PRELIMINARY DRAFT APPENDIX

SEWRPC Planning Report No. 55
VISION 2050: A REGIONAL LAND USE AND
TRANSPORTATION SYSTEM PLAN
FOR SOUTHEASTERN WISCONSIN

Appendix B
ACCURACY CHECKS OF THE
YEAR 2011 TRAVEL SURVEYS

(Tables, figures, and maps are at end of Appendix)

INTRODUCTION

The accuracy and completeness of data obtained in the travel surveys was reviewed by comparing the survey data on regional population socio-economic characteristics to data from the 2010 Federal Census, 2006-2010 Census Transportation Planning Package (CTPP), American Community Survey (ACS) datasets, and other independent sources, and comparing survey data on regional travel and traffic to data from the 2006-2010 CTPP and vehicle traffic counts.

SOCIO-ECONOMIC ACCURACY CHECKS

The socio-economic data from the 2011 household travel survey was compared to data from the 2010 Census, CTPP, ACS, and other sources. The data comparisons included the distribution of households by household size, vehicles available, income, lifestyle¹; the distribution of population by age, gender, and employment status; and estimated total regional personal vehicle and commercial truck availability.

The percentage distribution of households by household size as established by the survey was essentially the same as that identified by the 2010 Federal Census at county and regional levels. Table B-1 provides a

¹ *The lifestyle of a household is defined by whether a household is a retired or working household, determined by whether age of head of household is less than or greater than 65 respectively, and whether the working household has children or not.*

comparison of the distribution of households by household size within each county as measured by the 2010 Census and as derived from the year 2011 resident household survey. The county-level survey data on household size are within 0.2 percent of corresponding 2010 Census data in almost all categories. At the regional level, the Census and survey data were essentially the same.

The next socio-economic accuracy check compared vehicle availability as measured by the 2006-2010 CTPP and SEWRPC estimates based on 2011 Wisconsin Department of Transportation (WisDOT) vehicle registration data, to vehicle availability as estimated by the 2011 resident household survey. Table B-2 compares estimates of the total number of vehicles available to households in the Region from the travel survey to those of the 2006-2010 CTPP and WisDOT vehicle registrations. The total distribution of vehicles available were accurately estimated by the survey, varying from 2006-2010 CTPP estimates by no more than 0.5 percent at the regional and county levels. As compared to 2011 estimates based on WisDOT vehicle registration data, the vehicle availability estimates from the survey, were within 7.3 percent at the county level, and within 0.5 percent at for the Region.

Table B-3 compares the distribution of households by vehicles available, and indicates that the distribution of households by vehicle availability is accurately estimated by the travel survey as compared to the 2006-2010 CTPP. The county level survey data on vehicle availability are within 1.0 percent of the corresponding 2006-2010 CTPP data in almost all categories.

The distribution of annual household income as estimated from the travel survey was also compared with similar data estimated from the 2006-2010 CTPP as shown in Table B-4. The estimated household income based upon the travel survey data by county varied by 0.1 to 26.6 percent from CTPP derived distributions, and at the regional level, the percentage of households in any given income range based on the 2011 resident household survey did not differ from the corresponding percentage of households based on CTPP data by more or less than 12.4 percent. Given that only 59 percent of the households provided income data and that the two datasets both represent sampled data, the variation in the travel survey distribution as compared with the CTPP is not unexpected.

The distribution of households based on household lifestyle from the travel survey was compared to the distribution obtained from the 2010 Federal Census and is set forth in Table B-5. As shown in Table B-5, the comparison indicated that the distribution of households was accurately estimated by the 2011

resident household survey, varying from the 2010 Federal Census by 0.1 to 4.7 percent at the county level, and 1.1 to 2.5 percent for the Region.

Table B-6 provides comparisons of data on the distribution of regional population by age category from the 2010 Federal Census data and from the 2011 household travel survey. This comparison indicated that the distribution of population by age category was accurately estimated by the survey, with a difference no greater or less than 1.2 percent from Federal Census estimates.

Table B-7 provides comparisons of data on the distribution of regional and county population by gender from the 2010 Federal Census data and from the 2011 household travel survey. The comparison indicated that the distribution of population by gender by county was accurately estimated by the survey, with a difference no greater or less than 0.8 percent from 2010 Federal Census estimates. Figure B-1 compares the composition of regional population by age and gender. This comparison indicated that the distribution of population by age and gender is accurately estimated by the 2011 resident household survey.

Table B-8 compares employed population estimates at the county and Region levels from the U.S. Bureau of Labor Statistics 2011 Local Area Unemployment Statistics (LAUS) and 2011 household travel survey. This comparison shows that the distribution of population by employment status is accurately estimated by the survey, with the distribution of employed persons varying by no more than 0.4 percent at the county and Region levels.

Lastly, estimates of commercial truck availability, including estimates by type, as determined by the 2011 travel survey, were compared with corresponding estimates as derived from 2011 Wisconsin Department of Transportation, Division of Motor Vehicles, registration records. This comparison, shown in Table B-9, indicates a high degree of accuracy for the commercial truck data derived from the survey, within the Region.

The results of the accuracy checks of the household and truck travel survey with respect to socio-economic characteristics and vehicle availability data indicate that the survey data demonstrates a high degree of accuracy and completeness, particularly considering the surveys, Census, CTPP, and ACS were conducted in different years; the Census, CTPP, and ACS include the Region's group quartered population and the household travel survey does not; and with respect to certain socio-economic characteristics, the travel survey, CTPP, and ACS are all sample surveys.

TRAVEL ACCURACY CHECKS

The travel accuracy checks included comparisons of travel to work characteristics as obtained from the ACS datasets and from the 2011 travel survey. The comparisons included mode of travel to work and work purpose travel between the counties of the Region. In considering these comparisons, it must be recognized that the ACS data and travel survey data are both from sample surveys, and that the ACS data is not the same as the travel survey data. The ACS data represents the “usual” mode and location of work travel over the prior week, and the Commission travel survey data represents travel on a specific assigned survey day. Therefore, some difference between the travel survey and Census data should be expected.

Table B-10 provides comparisons of the distribution of mode of travel to work by county as obtained from the 2009-2011 ACS data and from the 2011 travel survey. Table B-11 compares county to county travel within the Region from place of residence to place of employment. The data from the two sources closely compare, particularly when the differences between the two surveys are considered.

To verify that travel into and out of the Region was adequately represented by the 2011 travel inventory, travel accuracy checks were conducted at the boundaries of the Region along a defined cordon line as shown on Map B-1.² The findings shown in Table B-12 indicated that the travel survey data accurately represented external travel affecting the Southeastern Wisconsin Region.

Another set of travel accuracy checks included comparisons of the travel survey data with traffic counts of vehicle crossings at selected east-west screenlines within the Region.³ Three screenlines, as shown on Map B-1, were defined in the Milwaukee, Racine and Kenosha urbanized areas which paralleled natural or manmade barriers to minimize undetected crossings. The Milwaukee screenline, which roughly paralleled IH 94, extended across the Region from the Waukesha-Jefferson County line on the west to Lake Michigan on the east. The results of the screenline accuracy checks on the travel survey data, as shown in Table B-13, indicated that the simulated traffic volumes from the travel survey data accurately

² A cordon line is an imaginary line extending around a selected geographic area for the purpose of comparing and analyzing external travel data.

³ A screenline is an imaginary line extending through a selected portion of a geographic area along natural or built barriers providing a limited number of crossing points established for the purpose of comparing and analyzing travel data as estimated from traffic counts with data derived from travel surveys.

represented actual traffic counts in 2011, accounting for 87.2 percent of the traffic volumes crossing the screenlines in Kenosha, 100.2 percent in Milwaukee, and 98.6 percent in Racine. It should be noted that freeway reconstruction activities in 2011 likely impacted the accuracy of the Kenosha screenline traffic counts collected in 2011 overstating the difference between the travel survey data and estimated actual traffic flows.

The final major travel accuracy check compared simulated vehicle-miles of travel by county and for the Region as derived from the travel surveys and estimated actual vehicle miles based upon traffic counts. As shown in Table B-14, vehicle miles of travel as derived from the 2011 travel inventory, varied by 4.4 to 13.4 percent from estimated actual vehicle miles of travel at the county level. At the regional level, simulated vehicle-miles of travel represented 98.1 percent of total vehicle-miles of travel estimated from traffic counts, indicating that the simulated travel from travel survey data accurately replicates travel in the Region.

The results of socio-economic and travel accuracy checks on the travel inventory data indicate that the 2011 travel surveys are able to replicate regional socio-economic characteristics and travel with a high degree of accuracy and completeness.

Table B-1

COMPARISON OF THE ESTIMATED DISTRIBUTION OF HOUSEHOLDS BY HOUSEHOLD SIZE WITHIN THE SOUTHEASTERN WISCONSIN REGION FROM THE 2010 FEDERAL CENSUS AND 2011 RESIDENT HOUSEHOLD TRAVEL SURVEY

| Household Size | Kenosha County | | | | | Milwaukee County | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| | 2010 Federal Census | | Household Survey | | Difference in Percent | 2010 Federal Census | | Household Survey | | Difference in Percent |
| | Number of Households | Percent Distribution | Number of Households | Percent Distribution | | Number of Households | Percent Distribution | Number of Households | Percent Distribution | |
| One Person | 16,388 | 26.2 | 16,427 | 26.2 | - | 129,317 | 33.7 | 129,573 | 33.7 | - |
| Two Persons | 19,968 | 31.9 | 19,978 | 31.9 | - | 116,827 | 30.5 | 117,073 | 30.5 | - |
| Three Persons | 10,484 | 16.7 | 10,509 | 16.7 | - | 57,206 | 14.9 | 57,327 | 14.9 | - |
| Four Persons | 9,088 | 14.5 | 9,110 | 14.5 | - | 42,925 | 11.2 | 43,015 | 11.2 | - |
| Five or More Persons | 6,722 | 10.7 | 6,738 | 10.7 | - | 37,316 | 9.7 | 37,395 | 9.7 | - |
| Total | 62,650 | 100.0 | 62,762 | 100.0 | - | 383,591 | 100.0 | 384,383 | 100.0 | - |

| Household Size | Ozaukee County | | | | | Racine County | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| | 2010 Federal Census | | Household Survey | | Difference in Percent | 2010 Federal Census | | Household Survey | | Difference in Percent |
| | Number of Households | Percent Distribution | Number of Households | Percent Distribution | | Number of Households | Percent Distribution | Number of Households | Percent Distribution | |
| One Person | 8,475 | 24.8 | 8,509 | 24.7 | (0.1) | 19,958 | 26.4 | 19,997 | 26.4 | - |
| Two Persons | 12,791 | 37.4 | 12,864 | 37.4 | - | 26,130 | 34.5 | 26,213 | 34.6 | 0.1 |
| Three Persons | 5,321 | 15.5 | 5,359 | 15.6 | 0.1 | 11,955 | 15.8 | 11,979 | 15.8 | - |
| Four Persons | 4,802 | 14.0 | 4,812 | 14.0 | - | 10,185 | 13.5 | 10,205 | 13.4 | (0.1) |
| Five or More Persons | 2,839 | 8.3 | 2,845 | 8.3 | - | 7,423 | 9.8 | 7,438 | 9.8 | - |
| Total | 34,228 | 100.0 | 34,389 | 100.0 | - | 75,651 | 100.0 | 75,832 | 100.0 | - |

| Household Size | Walworth County | | | | | Washington County | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| | 2010 Federal Census | | Household Survey | | Difference in Percent | 2010 Federal Census | | Household Survey | | Difference in Percent |
| | Number of Households | Percent Distribution | Number of Households | Percent Distribution | | Number of Households | Percent Distribution | Number of Households | Percent Distribution | |
| One Person | 10,554 | 26.6 | 10,581 | 26.6 | - | 11,839 | 22.9 | 11,908 | 23.0 | 0.1 |
| Two Persons | 14,008 | 35.3 | 14,044 | 35.4 | 0.1 | 19,195 | 37.2 | 19,222 | 37.1 | (0.1) |
| Three Persons | 6,068 | 15.3 | 6,083 | 15.3 | - | 8,336 | 16.2 | 8,341 | 16.1 | (0.1) |
| Four Persons | 5,090 | 12.8 | 5,018 | 12.6 | (0.2) | 7,719 | 15.0 | 7,748 | 15.0 | - |
| Five or More Persons | 3,979 | 10.0 | 3,989 | 10.1 | 0.1 | 4,516 | 8.7 | 4,533 | 8.8 | 0.1 |
| Total | 39,699 | 100.0 | 39,715 | 100.0 | - | 51,605 | 100.0 | 51,752 | 100.0 | - |

| Household Size | Waukesha County | | | | | Region | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| | 2010 Federal Census | | Household Survey | | Difference in Percent | 2010 Federal Census | | Household Survey | | Difference in Percent |
| | Number of Households | Percent Distribution | Number of Households | Percent Distribution | | Number of Households | Percent Distribution | Number of Households | Percent Distribution | |
| One Person | 36,286 | 23.8 | 36,366 | 23.7 | (0.1) | 232,817 | 29.1 | 233,361 | 29.1 | - |
| Two Persons | 56,297 | 36.9 | 56,464 | 36.9 | - | 265,216 | 33.2 | 265,858 | 33.2 | - |
| Three Persons | 24,083 | 15.8 | 24,152 | 15.8 | - | 123,453 | 15.4 | 123,750 | 15.4 | - |
| Four Persons | 22,846 | 14.9 | 22,996 | 15.0 | 0.1 | 102,655 | 12.8 | 102,904 | 12.8 | - |
| Five or More Persons | 13,151 | 8.6 | 13,189 | 8.6 | - | 75,946 | 9.5 | 76,127 | 9.5 | - |
| Total | 152,663 | 100.0 | 153,167 | 100.0 | - | 800,087 | 100.0 | 802,000 | 100.0 | - |

Source: U.S. Bureau of the Census and SEWRPC

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Table B-2

COMPARISON OF THE ESTIMATED NUMBER OF VEHICLES AVAILABLE IN THE SOUTHEASTERN WISCONSIN REGION FROM THE 2006-2010 CENSUS TRANSPORTATION PLANNING PACKAGE (CTPP) AND 2011 RESIDENT HOUSEHOLD TRAVEL SURVEY

| County | 2006-2010 CTPP | | Household Survey | | Incremental Difference | Difference in Percent |
|------------|--------------------|------------------|--------------------|------------------|------------------------|-----------------------|
| | Number of Vehicles | Percent of Total | Number of Vehicles | Percent of Total | | |
| Kenosha | 114,600 | 8.5 | 118,456 | 8.6 | 3,856.0 | 0.1 |
| Milwaukee | 553,250 | 40.8 | 556,404 | 40.6 | 3,154.0 | (0.2) |
| Ozaukee | 66,765 | 4.9 | 69,221 | 5.0 | 2,456.0 | 0.1 |
| Racine | 135,560 | 10.0 | 140,145 | 10.2 | 4,585.0 | 0.2 |
| Walworth | 77,300 | 5.7 | 78,072 | 5.7 | 772.0 | - |
| Washington | 104,245 | 7.7 | 109,253 | 8.0 | 5,008.0 | 0.3 |
| Waukesha | 303,585 | 22.4 | 300,359 | 21.9 | (3,226.0) | (0.5) |
| Region | 1,355,305 | 100.0 | 1,371,910 | 100.0 | 16,605.0 | - |

| County | 2011 Estimate Based on Vehicle Registrations | | Household Survey | | Difference | |
|------------|--|------------------|--------------------|------------------|------------|---------|
| | Number of Vehicles | Percent of Total | Number of Vehicles | Percent of Total | Increment | Percent |
| Kenosha | 120,050 | 8.7 | 118,456 | 8.6 | (1,594.0) | (1.3) |
| Milwaukee | 544,540 | 39.5 | 556,404 | 40.6 | 11,864.0 | 2.2 |
| Ozaukee | 70,280 | 5.1 | 69,221 | 5.0 | (1,059.0) | (1.5) |
| Racine | 146,840 | 10.7 | 140,145 | 10.2 | (6,695.0) | (4.6) |
| Walworth | 84,230 | 6.1 | 78,072 | 5.7 | (6,158.0) | (7.3) |
| Washington | 105,420 | 7.6 | 109,253 | 8.0 | 3,833.0 | 3.6 |
| Waukesha | 307,310 | 22.3 | 300,359 | 21.9 | (6,951.0) | (2.3) |
| Region | 1,378,670 | 100.0 | 1,371,910 | 100.0 | (6,760.0) | (0.5) |

Source: 2006 - 2010 Census Transportation Planning Package, Wisconsin Department of Transportation, and SEWRPC.

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Table B-3

COMPARISON OF THE DISTRIBUTION OF HOUSEHOLDS BY VEHICLE AVAILABILITY IN THE SOUTHEASTERN WISCONSIN REGION FROM THE 2006-2010 CENSUS TRANSPORTATION PLANNING PACKAGE (CTPP) AND 2011 RESIDENT HOUSEHOLD TRAVEL SURVEY

| Vehicle Availability | Kenosha County | | | | | Milwaukee County | | | | |
|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| | 2006-2010 CTPP | | Household Survey | | Difference in Percent | 2006-2010 CTPP | | Household Survey | | Difference in Percent |
| | Number of Households | Percent Distribution | Number of Households | Percent Distribution | | Number of Households | Percent Distribution | Number of Households | Percent Distribution | |
| No Vehicles | 4,285 | 6.7 | 3,828 | 6.1 | (0.6) | 51,500 | 13.6 | 51,052 | 13.3 | (0.3) |
| One Vehicle | 21,109 | 33.2 | 19,943 | 31.8 | (1.4) | 164,488 | 43.4 | 163,493 | 42.5 | (0.9) |
| Two Vehicles | 25,807 | 40.6 | 26,179 | 41.7 | 1.1 | 125,798 | 33.2 | 130,867 | 34.0 | 0.8 |
| Three Vehicles | 8,170 | 12.9 | 8,428 | 13.4 | 0.5 | 28,080 | 7.4 | 29,470 | 7.7 | 0.3 |
| Four or More Vehicles | 4,194 | 6.6 | 4,384 | 7.0 | 0.4 | 9,010 | 2.4 | 9,501 | 2.5 | 0.1 |
| Total | 63,565 | 100.0 | 62,762 | 100.0 | - | 378,876 | 100.0 | 384,383 | 100.0 | - |

| Vehicle Availability | Ozaukee County | | | | | Racine County | | | | |
|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| | 2006-2010 CTPP | | Household Survey | | Difference in Percent | 2006-2010 CTPP | | Household Survey | | Difference in Percent |
| | Number of Households | Percent Distribution | Number of Households | Percent Distribution | | Number of Households | Percent Distribution | Number of Households | Percent Distribution | |
| No Vehicles | 723 | 2.1 | 712 | 2.1 | - | 6,582 | 8.8 | 5,052 | 6.7 | (2.1) |
| One Vehicle | 10,127 | 29.8 | 9,911 | 28.8 | (1.0) | 25,725 | 34.4 | 24,528 | 32.3 | (2.1) |
| Two Vehicles | 16,597 | 48.7 | 16,924 | 49.2 | 0.5 | 28,519 | 38.2 | 30,650 | 40.5 | 2.3 |
| Three Vehicles | 5,296 | 15.6 | 5,515 | 16.0 | 0.4 | 9,386 | 12.5 | 10,574 | 13.9 | 1.4 |
| Four or More Vehicles | 1,284 | 3.8 | 1,327 | 3.9 | 0.1 | 4,596 | 6.1 | 5,028 | 6.6 | 0.5 |
| Total | 34,027 | 100.0 | 34,389 | 100.0 | - | 74,808 | 100.0 | 75,832 | 100.0 | - |

| Vehicle Availability | Walworth County | | | | | Washington County | | | | |
|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| | 2006-2010 CTPP | | Household Survey | | Difference in Percent | 2006-2010 CTPP | | Household Survey | | Difference in Percent |
| | Number of Households | Percent Distribution | Number of Households | Percent Distribution | | Number of Households | Percent Distribution | Number of Households | Percent Distribution | |
| No Vehicles | 2,000 | 5.1 | 2,351 | 5.9 | 0.8 | 2,573 | 5.0 | 1,816 | 3.5 | (1.5) |
| One Vehicle | 10,163 | 26.0 | 11,293 | 28.4 | 2.4 | 12,646 | 24.7 | 12,690 | 24.5 | (0.2) |
| Two Vehicles | 16,647 | 42.6 | 16,383 | 41.3 | (1.3) | 21,899 | 42.7 | 22,450 | 43.4 | 0.7 |
| Three Vehicles | 7,487 | 19.1 | 6,941 | 17.5 | (1.6) | 10,180 | 19.9 | 10,709 | 20.7 | 0.8 |
| Four or More Vehicles | 2,811 | 7.2 | 2,747 | 6.9 | (0.3) | 3,930 | 7.7 | 4,087 | 7.9 | 0.2 |
| Total | 39,108 | 100.0 | 39,715 | 100.0 | - | 51,228 | 100.0 | 51,752 | 100.0 | - |

| Vehicle Availability | Waukesha County | | | | | Region | | | | |
|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| | 2006-2010 CTPP | | Household Survey | | Difference in Percent | 2006-2010 CTPP | | Household Survey | | Difference in Percent |
| | Number of Households | Percent Distribution | Number of Households | Percent Distribution | | Number of Households | Percent Distribution | Number of Households | Percent Distribution | |
| No Vehicles | 7,422 | 4.9 | 7,039 | 4.6 | (0.3) | 75,085 | 9.5 | 71,850 | 9.0 | (0.5) |
| One Vehicle | 40,396 | 26.7 | 41,316 | 27.0 | 0.3 | 284,654 | 35.9 | 283,174 | 35.3 | (0.6) |
| Two Vehicles | 69,215 | 45.9 | 70,183 | 45.8 | (0.1) | 304,482 | 38.4 | 313,636 | 39.1 | 0.7 |
| Three Vehicles | 24,087 | 15.9 | 24,454 | 16.0 | 0.1 | 92,686 | 11.7 | 96,091 | 12.0 | 0.3 |
| Four or More Vehicles | 9,993 | 6.6 | 10,175 | 6.6 | - | 35,818 | 4.5 | 37,249 | 4.6 | 0.1 |
| Total | 151,113 | 100.0 | 153,167 | 100.0 | - | 792,725 | 100.0 | 802,000 | 100.0 | - |

Source: 2006 - 2010 Census Transportation Planning Package and SEWRPC

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Table B-4

COMPARISON OF THE DISTRIBUTION OF THE PERCENTAGE OF HOUSEHOLDS BY INCOME WITHIN THE SOUTHEASTERN WISCONSIN REGION FROM THE 2006-2010 CENSUS TRANSPORTATION PLANNING PACKAGE (CTPP) AND 2011 RESIDENT HOUSEHOLD TRAVEL SURVEY

| Household Income (in dollars) | Kenosha County | | | Milwaukee County | | |
|----------------------------------|-------------------|---------------------|--------------------------|-------------------|---------------------|--------------------------|
| | 2006-2010 CTPP | Household Survey | Difference in Percent | 2006-2010 CTPP | Household Survey | Difference in Percent |
| Under 19,999 | 5.1 | 8.9 | 3.8 | 8.8 | 11.8 | 3.0 |
| 20,000 to 39,999 | 13.7 | 22.1 | 8.4 | 18.4 | 18.8 | 0.4 |
| 40,000 to 49,999 | 9.1 | 8.8 | (0.3) | 9.9 | 10.9 | 1.0 |
| 50,000 to 74,999 | 20.6 | 19.7 | (0.9) | 22.2 | 25.0 | 2.8 |
| 75,000 to 99,999 | 19.3 | 18.5 | (0.8) | 16.6 | 14.5 | (2.1) |
| 100,000 or Over | 32.2 | 22.0 | (10.2) | 24.1 | 19.0 | (5.1) |
| Total | 100.0 | 100.0 | - | 100.0 | 100.0 | - |

| Household Income (in dollars) | Ozaukee County | | | Racine County | | |
|----------------------------------|-------------------|---------------------|--------------------------|-------------------|---------------------|--------------------------|
| | 2006-2010 CTPP | Household Survey | Difference in Percent | 2006-2010 CTPP | Household Survey | Difference in Percent |
| Under 19,999 | 2.1 | 11.9 | 9.8 | 4.6 | 11.4 | 6.8 |
| 20,000 to 39,999 | 9.2 | 22.6 | 13.4 | 14.5 | 18.1 | 3.6 |
| 40,000 to 49,999 | 5.8 | 9.5 | 3.7 | 7.0 | 11.1 | 4.1 |
| 50,000 to 74,999 | 17.5 | 21.5 | 4.0 | 23.4 | 23.7 | 0.3 |
| 75,000 to 99,999 | 20.7 | 13.6 | (7.1) | 19.4 | 14.9 | (4.5) |
| 100,000 or Over | 44.7 | 20.9 | (23.8) | 31.1 | 20.8 | (10.3) |
| Total | 100.0 | 100.0 | - | 100.0 | 100.0 | - |

| Household Income (in dollars) | Walworth County | | | Washington County | | |
|----------------------------------|-------------------|---------------------|--------------------------|-------------------|---------------------|--------------------------|
| | 2006-2010 CTPP | Household Survey | Difference in Percent | 2006-2010 CTPP | Household Survey | Difference in Percent |
| Under 19,000 | 5.4 | 11.4 | 6.0 | 2.6 | 9.6 | 7.0 |
| 20,000 to 39,999 | 14.0 | 20.8 | 6.8 | 9.7 | 20.9 | 11.2 |
| 40,000 to 49,999 | 8.4 | 11.0 | 2.6 | 6.9 | 13.6 | 6.7 |
| 50,000 to 74,999 | 25.6 | 25.5 | (0.1) | 21.8 | 22.2 | 0.4 |
| 75,000 to 99,999 | 20.0 | 14.3 | (5.7) | 22.8 | 14.8 | (8.0) |
| 100,000 or Over | 26.6 | 17.0 | (9.6) | 36.2 | 18.9 | (17.3) |
| Total | 100.0 | 100.0 | - | 100.0 | 100.0 | - |

| Household Income (in dollars) | Waukesha County | | | Region | | |
|----------------------------------|-------------------|---------------------|--------------------------|-------------------|---------------------|--------------------------|
| | 2006-2010 CTPP | Household Survey | Difference in Percent | 2006-2010 CTPP | Household Survey | Difference in Percent |
| Under 19,999 | 2.2 | 10.5 | 8.3 | 5.8 | 11.1 | 5.3 |
| 20,000 to 39,999 | 7.4 | 19.2 | 11.8 | 14.1 | 19.5 | 5.4 |
| 40,000 to 49,999 | 5.6 | 10.7 | 5.1 | 8.2 | 10.8 | 2.6 |
| 50,000 to 74,999 | 17.2 | 22.5 | 5.3 | 21.1 | 23.7 | 2.6 |
| 75,000 to 99,999 | 20.1 | 16.2 | (3.9) | 18.6 | 15.1 | (3.5) |
| 100,000 or Over | 47.5 | 20.9 | (26.6) | 32.2 | 19.8 | (12.4) |
| Total | 100.0 | 100.0 | - | 100.0 | 100.0 | - |

Source: 2006 - 2010 Census Transportation Planning Package and SEWRPC

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Table B-5

**COMPARISON OF THE DISTRIBUTION OF HOUSEHOLDS BY LIFESTYLE WITHIN THE SOUTHEASTERN REGION FROM THE 2010 FEDERAL CENSUS AND 2011
RESIDENT HOUSEHOLD TRAVEL SURVEY**

| Age of Head of Household | Kenosha County | | | | | Milwaukee County | | | | |
|--------------------------|---------------------|----------------------|------------------|----------------------|-----------------------|---------------------|----------------------|------------------|----------------------|-----------------------|
| | 2010 Federal Census | | Household Survey | | Difference in Percent | 2010 Federal Census | | Household Survey | | Difference in Percent |
| | Number | Percent Distribution | Number | Percent Distribution | | Number | Percent Distribution | Number | Percent Distribution | |
| 65 or Older | 12,208 | 19.5 | 11,658 | 18.6 | (0.9) | 74,402 | 19.4 | 68,329 | 17.8 | (1.6) |
| Under 65 | | | | | | | | | | |
| without Children | 28,834 | 46.0 | 29,639 | 47.2 | 1.2 | 193,543 | 50.5 | 212,416 | 55.2 | 4.7 |
| with Children | 21,608 | 34.5 | 21,465 | 34.2 | (0.3) | 115,646 | 30.1 | 103,638 | 27.0 | (3.1) |
| Total | 62,650 | 100.0 | 62,762 | 100.0 | - | 383,591 | 100.0 | 384,383 | 100.0 | - |

| Age of Head of Household | Ozaukee County | | | | | Racine County | | | | |
|--------------------------|---------------------|----------------------|------------------|----------------------|-----------------------|---------------------|----------------------|------------------|----------------------|-----------------------|
| | 2010 Federal Census | | Household Survey | | Difference in Percent | 2010 Federal Census | | Household Survey | | Difference in Percent |
| | Number | Percent Distribution | Number | Percent Distribution | | Number | Percent Distribution | Number | Percent Distribution | |
| 65 or Older | 8,559 | 25.0 | 8,290 | 24.1 | (0.9) | 16,953 | 22.4 | 15,688 | 20.7 | (1.7) |
| Under 65 | | | | | | | | | | |
| without Children | 15,121 | 44.2 | 15,682 | 45.6 | 1.4 | 34,456 | 45.6 | 35,844 | 47.3 | 1.7 |
| with Children | 10,548 | 30.8 | 10,417 | 30.3 | (0.5) | 24,242 | 32.0 | 24,300 | 32.0 | - |
| Total | 34,228 | 100.0 | 34,389 | 100.0 | - | 75,651 | 100.0 | 75,832 | 100.0 | - |

| Age of Head of Household | Walworth County | | | | | Washington County | | | | |
|--------------------------|---------------------|----------------------|------------------|----------------------|-----------------------|---------------------|----------------------|------------------|----------------------|-----------------------|
| | 2010 Federal Census | | Household Survey | | Difference in Percent | 2010 Federal Census | | Household Survey | | Difference in Percent |
| | Number | Percent Distribution | Number | Percent Distribution | | Number | Percent Distribution | Number | Percent Distribution | |
| 65 or Older | 8,981 | 22.6 | 9,208 | 23.2 | 0.6 | 11,377 | 22.0 | 11,314 | 21.9 | (0.1) |
| Under 65 | | | | | | | | | | |
| without Children | 18,707 | 47.1 | 18,643 | 46.9 | (0.2) | 23,420 | 45.4 | 24,014 | 46.4 | 1.0 |
| with Children | 12,011 | 30.3 | 11,864 | 29.9 | (0.4) | 16,808 | 32.6 | 16,424 | 31.7 | (0.9) |
| Total | 39,699 | 100.0 | 39,715 | 100.0 | - | 51,605 | 100.0 | 51,752 | 100.0 | - |

| Age of Head of Household | Waukesha County | | | | | Region | | | | |
|--------------------------|---------------------|----------------------|------------------|----------------------|-----------------------|---------------------|----------------------|------------------|----------------------|-----------------------|
| | 2010 Federal Census | | Household Survey | | Difference in Percent | 2010 Federal Census | | Household Survey | | Difference in Percent |
| | Number | Percent Distribution | Number | Percent Distribution | | Number | Percent Distribution | Number | Percent Distribution | |
| 65 or Older | 36,142 | 23.7 | 36,146 | 23.6 | (0.1) | 168,622 | 21.1 | 160,633 | 20.0 | (1.1) |
| Under 65 | | | | | | | | | | |
| without Children | 68,092 | 44.6 | 67,193 | 43.9 | (0.7) | 382,173 | 47.8 | 403,431 | 50.3 | 2.5 |
| with Children | 48,429 | 31.7 | 49,828 | 32.5 | 0.8 | 249,292 | 31.1 | 237,936 | 29.7 | (1.4) |
| Total | 152,663 | 100.0 | 153,167 | 100.0 | - | 800,087 | 100.0 | 802,000 | 100.0 | - |

Source: U.S. Bureau of the Census and SEWRPC.

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Table B-6

**COMPARISON OF THE DISTRIBUTION OF POPULATION BY AGE GROUP WITHIN THE
SOUTHEASTERN WISCONSIN REGION FROM THE 2010 FEDERAL CENSUS AND 2011 RESIDENT
HOUSEHOLD TRAVEL SURVEY**

| Age Group | 2010 Federal Census | | 2011 Resident Household Survey | | Difference in Percent |
|--------------------|---------------------|---------|--------------------------------|---------|-----------------------|
| | Number | Percent | Number | Percent | |
| Under 5 years | 133,503 | 6.6 | 156,270 | 7.8 | 1.2 |
| 5 to 9 years | 137,010 | 6.8 | 138,254 | 6.9 | 0.1 |
| 10 to 14 years | 140,118 | 6.9 | 141,294 | 7.0 | 0.1 |
| 15 to 17 years | 87,644 | 4.3 | 87,652 | 4.4 | 0.1 |
| 18 and 19 years | 57,282 | 2.8 | 47,080 | 2.3 | (0.5) |
| 20 years | 28,168 | 1.4 | 21,600 | 1.1 | (0.3) |
| 21 years | 27,476 | 1.4 | 22,563 | 1.1 | (0.3) |
| 22 to 24 years | 81,951 | 4.1 | 80,221 | 4.0 | (0.1) |
| 25 to 29 years | 137,321 | 6.8 | 136,433 | 6.8 | - |
| 30 to 34 years | 128,174 | 6.3 | 127,601 | 6.3 | - |
| 35 to 39 years | 125,851 | 6.2 | 125,641 | 6.2 | - |
| 40 to 44 years | 136,456 | 6.8 | 136,229 | 6.8 | - |
| 45 to 49 years | 153,577 | 7.6 | 153,340 | 7.6 | - |
| 50 to 54 years | 153,402 | 7.6 | 153,326 | 7.6 | - |
| 55 to 59 years | 132,272 | 6.5 | 132,335 | 6.6 | 0.1 |
| 60 and 61 years | 46,132 | 2.3 | 46,134 | 2.3 | - |
| 62 to 64 years | 59,626 | 3.0 | 59,665 | 3.0 | - |
| 65 and 66 years | 31,045 | 1.5 | 31,033 | 1.5 | - |
| 67 to 69 years | 41,577 | 2.1 | 41,519 | 2.1 | - |
| 70 to 74 years | 54,925 | 2.7 | 54,620 | 2.7 | - |
| 75 to 79 years | 46,609 | 2.3 | 45,731 | 2.3 | - |
| 80 to 84 years | 39,940 | 2.0 | 38,193 | 1.9 | (0.1) |
| 85 years and older | 39,911 | 2.0 | 34,544 | 1.7 | (0.3) |
| Total | 2,019,970 | 100.0 | 2,011,278 | 100.0 | |

Source: U.S. Bureau of the Census and SEWRPC.

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Table B-7

**COMPARISON OF THE DISTRIBUTION OF POPULATION FIVE YEARS OF AGE OR OLDER BY GENDER WITHIN THE SOUTHEASTERN WISCONSIN REGION
FROM THE 2010 FEDERAL CENSUS AND THE 2011 RESIDENT HOUSEHOLD TRAVEL SURVEY**

| Gender | Kenosha County | | | | | Milwaukee County | | | | |
|--------|---------------------|-------------------------|------------------|-------------------------|--------------------------|---------------------|-------------------------|------------------|-------------------------|--------------------------|
| | 2010 Federal Census | | Household Survey | | Difference in Percent | 2010 Federal Census | | Household Survey | | Difference in Percent |
| | Population | Percent Distribution | Population | Percent Distribution | | Population | Percent Distribution | Population | Percent Distribution | |
| Male | 76,861 | 49.5 | 74,546 | 49.2 | (0.3) | 422,425 | 48.1 | 413,540 | 47.9 | (0.2) |
| Female | 78,570 | 50.5 | 76,901 | 50.8 | 0.3 | 455,946 | 51.9 | 450,168 | 52.1 | 0.2 |
| Total | 155,431 | 100.0 | 151,446 | 100.0 | - | 878,371 | 100.0 | 863,708 | 100.0 | - |

| Gender | Ozaukee County | | | | | Racine County | | | | |
|--------|---------------------|-------------------------|------------------|-------------------------|--------------------------|---------------------|-------------------------|------------------|-------------------------|--------------------------|
| | 2010 Federal Census | | Household Survey | | Difference in Percent | 2010 Federal Census | | Household Survey | | Difference in Percent |
| | Population | Percent Distribution | Population | Percent Distribution | | Population | Percent Distribution | Population | Percent Distribution | |
| Male | 39,994 | 48.9 | 39,509 | 49.0 | 0.1 | 90,251 | 49.4 | 86,536 | 48.6 | (0.8) |
| Female | 41,853 | 51.1 | 41,051 | 51.0 | (0.1) | 92,410 | 50.6 | 91,506 | 51.4 | 0.8 |
| Total | 81,847 | 100.0 | 80,561 | 100.0 | - | 182,661 | 100.0 | 178,039 | 100.0 | - |

| Gender | Walworth County | | | | | Washington County | | | | |
|--------|---------------------|-------------------------|------------------|-------------------------|--------------------------|---------------------|-------------------------|------------------|-------------------------|--------------------------|
| | 2010 Federal Census | | Household Survey | | Difference in Percent | 2010 Federal Census | | Household Survey | | Difference in Percent |
| | Population | Percent Distribution | Population | Percent Distribution | | Population | Percent Distribution | Population | Percent Distribution | |
| Male | 48,069 | 50.1 | 47,512 | 50.8 | 0.7 | 61,260 | 49.5 | 60,780 | 49.4 | (0.1) |
| Female | 47,963 | 49.9 | 46,070 | 49.2 | (0.7) | 62,448 | 50.5 | 62,271 | 50.6 | 0.1 |
| Total | 96,032 | 100.0 | 93,581 | 100.0 | - | 123,708 | 100.0 | 123,052 | 100.0 | - |

| Gender | Waukesha County | | | | | Region | | | | |
|--------|---------------------|-------------------------|------------------|-------------------------|--------------------------|---------------------|-------------------------|------------------|-------------------------|--------------------------|
| | 2010 Federal Census | | Household Survey | | Difference in Percent | 2010 Federal Census | | Household Survey | | Difference in Percent |
| | Population | Percent Distribution | Population | Percent Distribution | | Population | Percent Distribution | Population | Percent Distribution | |
| Male | 180,487 | 49.0 | 178,933 | 49.1 | 0.1 | 919,347 | 48.7 | 901,356 | 48.6 | (0.1) |
| Female | 187,930 | 51.0 | 185,685 | 50.9 | (0.1) | 967,120 | 51.3 | 953,652 | 51.4 | 0.1 |
| Total | 368,417 | 100.0 | 364,620 | 100.0 | - | 1,886,467 | 100.0 | 1,855,008 | 100.0 | - |

Source: U.S. Bureau of the Census and SEWRPC.

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Table B-8

**COMPARISON OF EMPLOYMENT STATUS FROM THE 2011 LOCAL AREA UNEMPLOYMENT STATISTICS (LAUS)
AND THE 2011 RESIDENT HOUSEHOLD SURVEY**

| County | Employment Status | | | | |
|------------|-------------------|----------------------|------------------|----------------------|--------------------------|
| | LAUS | | Household Survey | | Difference in Percent |
| | Employed Persons | Percent Distribution | Employed Persons | Percent Distribution | |
| Kenosha | 78,800 | 8.3 | 76,600 | 7.9 | (0.4) |
| Milwaukee | 420,900 | 44.1 | 428,700 | 44.4 | 0.3 |
| Ozaukee | 44,200 | 4.6 | 44,100 | 4.6 | - |
| Racine | 88,600 | 9.3 | 92,100 | 9.5 | 0.2 |
| Walworth | 51,000 | 5.3 | 50,300 | 5.2 | (0.1) |
| Washington | 69,300 | 7.3 | 71,700 | 7.4 | 0.1 |
| Waukesha | 201,100 | 21.1 | 202,300 | 21.0 | (0.1) |
| Region | 953,900 | 100.0 | 965,800 | 100.0 | - |

Source: U.S. Bureau of Labor Statistics and SEWRPC.

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Table B-9

COMPARISON OF SOUTHEASTERN WISCONSIN TRUCK REGISTRATIONS AND TRUCK AVAILABILITY AS DETERMINED BY THE 2011 TRUCK TRAVEL SURVEY

| Truck Classification | 2011 Truck Registrations | | 2011 Truck Survey | | Difference | |
|----------------------|--------------------------|----------------------|-------------------|----------------------|------------|---------|
| | Number | Percent Distribution | Number | Percent Distribution | Number | Percent |
| Light | 71,400 | 60.1 | 67,300 | 55.3 | (4,100) | (5.7) |
| Medium and Heavy | 36,700 | 30.9 | 43,600 | 35.9 | 6,900 | 18.8 |
| Municipal | 10,700 | 9.0 | 10,700 | 8.8 | - | - |
| Total | 118,800 | 100.0 | 121,600 | 100.0 | 2,800 | 2.4 |

Source: Wisconsin Department of Transportation and SEWRPC.

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Table B-10

**COMPARISON OF MODE SHARE FOR TRAVEL TO WORK WITHIN THE SOUTHEASTERN WISCONSIN REGION FROM
THE 2009-2011 AMERICAN COMMUNITY SURVEY (ACS) AND 2011 TRAVEL SURVEY**

| Mode | Kenosha County | | | Milwaukee County | | |
|-----------------|----------------|------------------|-----------------------|------------------|------------------|-----------------------|
| | 2009-2011 ACS | Household Survey | Difference in Percent | 2009-2011 ACS | Household Survey | Difference in Percent |
| Drive Alone | 86.1 | 87.7 | 1.6 | 77.4 | 79.2 | 1.8 |
| Carpool | 9.1 | 5.8 | (3.3) | 11.3 | 6.5 | (4.8) |
| Public Transit | 1.5 | 1.3 | (0.2) | 6.0 | 5.3 | (0.7) |
| Taxi/Motorcycle | 1.1 | 0.8 | (0.3) | 0.8 | 0.5 | (0.3) |
| Bicycle/Walk | 2.2 | 4.4 | 2.2 | 4.5 | 8.5 | 4.0 |
| Total | 100.0 | 100.0 | - | 100.0 | 100.0 | - |

| Mode | Ozaukee County | | | Racine County | | |
|-----------------|----------------|------------------|-----------------------|---------------|------------------|-----------------------|
| | 2009-2011 ACS | Household Survey | Difference in Percent | 2009-2011 ACS | Household Survey | Difference in Percent |
| Drive Alone | 88.2 | 92.4 | 4.2 | 86.9 | 91.2 | 4.3 |
| Carpool | 8.0 | 4.4 | (3.6) | 8.8 | 4.5 | (4.3) |
| Public Transit | 0.5 | 0.8 | 0.3 | 1.5 | 0.9 | (0.6) |
| Taxi/Motorcycle | 0.6 | 0.3 | (0.3) | 1.0 | 0.3 | (0.7) |
| Bicycle/Walk | 2.7 | 2.1 | (0.6) | 1.8 | 3.1 | 1.3 |
| Total | 100.0 | 100.0 | - | 100.0 | 100.0 | - |

| Mode | Walworth County | | | Washington County | | |
|-----------------|-----------------|------------------|-----------------------|-------------------|------------------|-----------------------|
| | 2009-2011 ACS | Household Survey | Difference in Percent | 2009-2011 ACS | Household Survey | Difference in Percent |
| Drive Alone | 83.1 | 93.6 | 10.5 | 89.2 | 93.4 | 4.2 |
| Carpool | 10.2 | 3.4 | (6.8) | 8.0 | 2.7 | (5.3) |
| Public Transit | 0.7 | 0.2 | (0.5) | 0.5 | 0.5 | - |
| Taxi/Motorcycle | 1.3 | 1.3 | - | 0.9 | 1.7 | 0.8 |
| Bicycle/Walk | 4.7 | 1.5 | (3.2) | 1.4 | 1.7 | 0.3 |
| Total | 100.0 | 100.0 | - | 100.0 | 100.0 | - |

| Mode | Waukesha County | | | Region | | |
|-----------------|-----------------|------------------|-----------------------|---------------|------------------|-----------------------|
| | 2009-2011 ACS | Household Survey | Difference in Percent | 2009-2011 ACS | Household Survey | Difference in Percent |
| Drive Alone | 90.2 | 95.0 | 4.8 | 83.2 | 86.9 | 3.7 |
| Carpool | 7.0 | 2.6 | (4.4) | 9.6 | 4.9 | (4.7) |
| Public Transit | 0.7 | 0.2 | (0.5) | 3.2 | 2.6 | (0.6) |
| Taxi/Motorcycle | 0.6 | 0.9 | 0.3 | 0.8 | 0.7 | (0.1) |
| Bicycle/Walk | 1.5 | 1.3 | (0.2) | 3.2 | 4.9 | 1.7 |
| Total | 100.0 | 100.0 | - | 100.0 | 100.0 | - |

Source: 2009-2011 American Community Survey and SEWRPC.

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Table B-11

COMPARISON OF THE DISTRIBUTION OF THE PERCENTAGE OF COUNTY TO COUNTY WORK TRAVEL WITHIN THE SOUTHEASTERN WISCONSIN REGION FROM THE 2006-2010 CENSUS TRANSPORTATION PLANNING PACKAGE AND 2011 RESIDENT HOUSEHOLD TRAVEL SURVEY

| County of Residence | | County of Employment | | | | | | | Total |
|---------------------|-----------------------|----------------------|-----------|---------|--------|----------|------------|----------|--------|
| | | Kenosha | Milwaukee | Ozaukee | Racine | Walworth | Washington | Waukesha | |
| Kenosha | 2006-2010 CTPP | 76.25 | 5.90 | 0.16 | 14.05 | 1.79 | 0.03 | 1.82 | 100.00 |
| | Household Survey | 75.66 | 4.94 | - | 13.56 | 4.16 | 0.07 | 1.61 | 100.00 |
| | Difference in Percent | (0.59) | (0.96) | (0.16) | (0.49) | 2.37 | 0.04 | (0.21) | - |
| Milwaukee | 2006-2010 CTPP | 0.41 | 82.08 | 1.83 | 1.12 | 0.18 | 1.02 | 13.36 | 100.00 |
| | Household Survey | 0.59 | 77.03 | 2.45 | 3.23 | 0.38 | 2.09 | 14.23 | 100.00 |
| | Difference in Percent | 0.18 | (5.05) | 0.62 | 2.11 | 0.20 | 1.07 | 0.87 | - |
| Ozaukee | 2006-2010 CTPP | 0.14 | 34.52 | 52.93 | 0.21 | 0.08 | 4.59 | 7.53 | 100.00 |
| | Household Survey | 0.13 | 33.74 | 48.21 | 0.20 | 0.05 | 10.78 | 6.89 | 100.00 |
| | Difference in Percent | (0.01) | (0.78) | (4.72) | (0.01) | (0.03) | 6.19 | (0.64) | - |
| Racine | 2006-2010 CTPP | 7.63 | 17.38 | 0.13 | 67.64 | 1.77 | 0.15 | 5.30 | 100.00 |
| | Household Survey | 8.65 | 17.34 | 0.09 | 66.78 | 1.97 | 0.11 | 5.06 | 100.00 |
| | Difference in Percent | 1.02 | (0.04) | (0.04) | (0.86) | 0.20 | (0.04) | (0.24) | - |
| Walworth | 2006-2010 CTPP | 2.91 | 6.50 | 0.12 | 5.06 | 76.03 | 0.22 | 9.16 | 100.00 |
| | Household Survey | 5.01 | 5.77 | - | 4.32 | 78.71 | - | 6.19 | 100.00 |
| | Difference in Percent | 2.10 | (0.73) | (0.12) | (0.74) | 2.68 | (0.22) | (2.97) | - |
| Washington | 2006-2010 CTPP | 0.10 | 21.37 | 6.99 | 0.33 | 0.02 | 51.52 | 19.67 | 100.00 |
| | Household Survey | 0.10 | 17.56 | 6.06 | 0.05 | - | 60.29 | 15.94 | 100.00 |
| | Difference in Percent | - | (3.81) | (0.93) | (0.28) | (0.02) | 8.77 | (3.73) | - |
| Waukesha | 2006-2010 CTPP | 0.28 | 31.59 | 0.83 | 1.07 | 0.64 | 1.80 | 63.79 | 100.00 |
| | Household Survey | 0.31 | 31.23 | 1.11 | 1.81 | 0.97 | 4.06 | 60.51 | 100.00 |
| | Difference in Percent | 0.03 | (0.36) | 0.28 | 0.74 | 0.33 | 2.26 | (3.28) | - |

Source: 2006 - 2010 Census Transportation Planning Package and SEWRPC.

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Table B-12

**COMPARISON OF ESTIMATED AVERAGE WEEKDAY TRAFFIC VOLUMES CROSSING THE
SOUTHEASTERN WISCONSIN REGION BOUNDARY IN 2011 FROM TRAFFIC COUNTS AND FROM THE
TRAVEL SURVEY**

| Region Boundary Cordon Line Segment | Total Vehicle Traffic | | | |
|---|---|--------------------|--------------------------|-----------------------|
| | Estimated Average Weekday Traffic Volumes | | Difference in Volumes | Percent Difference |
| | Traffic Counts | Travel Survey Data | | |
| Northern | 46,700 | 51,000 | 4,300 | 9.2 |
| Western | 160,100 | 164,600 | 4,500 | 2.8 |
| Southern | 178,500 | 165,700 | (12,800) | (7.2) |
| Total | 385,300 | 381,300 | (4,000) | (1.0) |

Source: Wisconsin Department of Transportation and SEWRPC.

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Table B-13

COMPARISON OF ESTIMATED YEAR 2011 AVERAGE WEEKDAY VEHICULAR TRAFFIC CROSSING THE KENOSHA, MILWAUKEE, AND RACINE SCREENLINES FROM TRAFFIC COUNTS AND FROM THE TRAVEL

| Screenline | Total Vehicle Traffic | | | |
|------------|---|--------------------|-----------------------|--------------------|
| | Estimated Average Weekday Traffic Volumes | | Difference in Volumes | Percent Difference |
| | Traffic Counts | Travel Survey Data | | |
| Kenosha | 227,900 | 198,800 | (29,100) | (12.8) |
| Milwaukee | 957,300 | 959,400 | 2,100 | 0.2 |
| Racine | 215,200 | 212,200 | (3,000) | (1.4) |

Source: SEWPRC.

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Table B-14

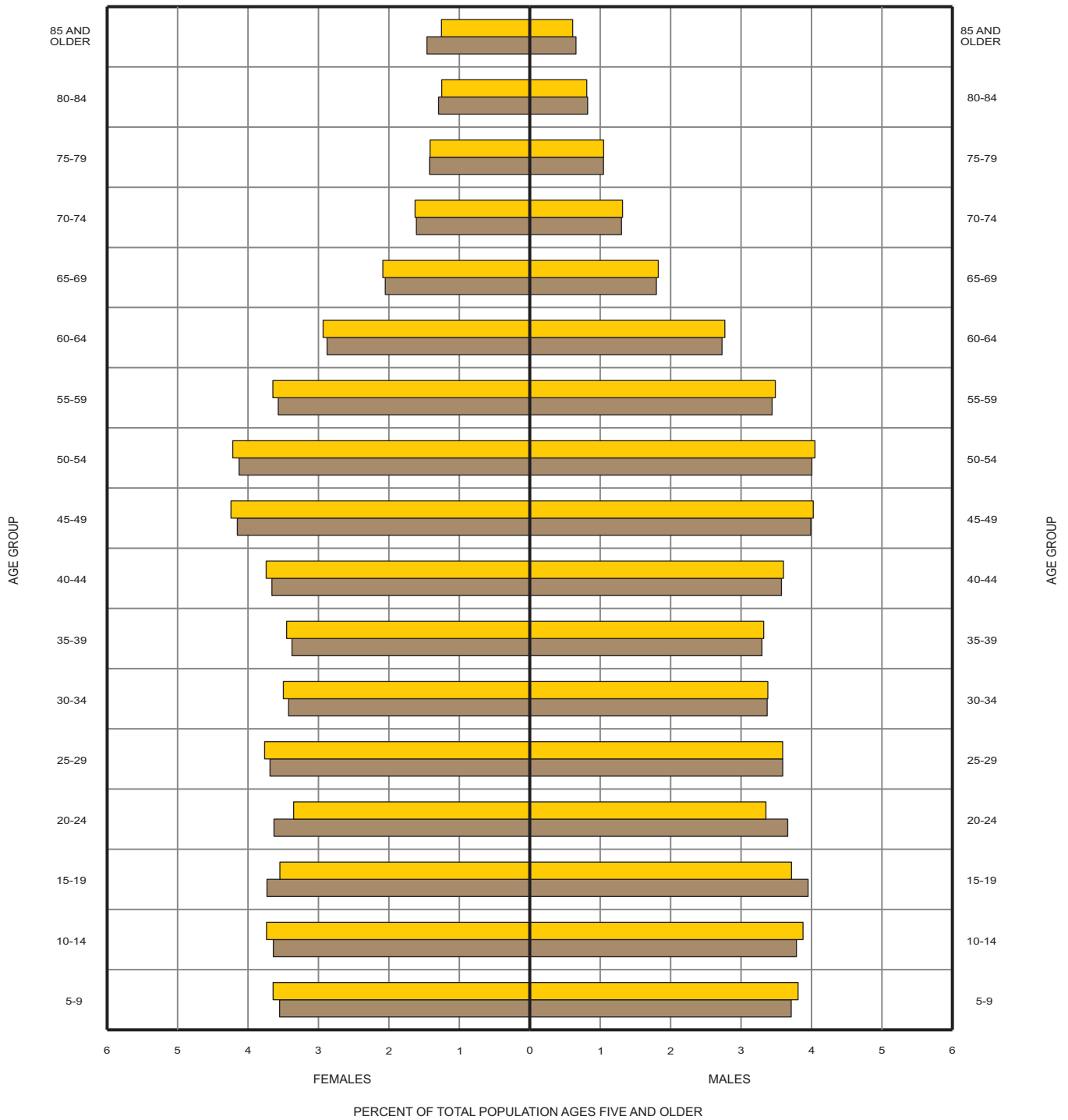
COMPARISON OF THE ESTIMATED YEAR 2011 AVERAGE WEEKDAY ARTERIAL VEHICLE MILES OF TRAVEL WITHIN THE SOUTHEASTERN WISCONSIN REGION FROM TRAFFIC COUNTS AND FROM THE TRAVEL SURVEY

| County | Estimated Average Weekday Vehicle Miles of Travel from Traffic Counts (in Thousands) | Simulated Average Weekday Vehicle Miles of Travel from Travel Survey Data (in Thousands) | Difference | |
|------------|--|--|------------|---------|
| | | | Number | Percent |
| Kenosha | 3,497 | 3,235 | (262) | (7.5) |
| Milwaukee | 16,210 | 14,035 | (2,175) | (13.4) |
| Ozaukee | 2,378 | 2,482 | 104 | 4.4 |
| Racine | 3,468 | 3,917 | 449 | 12.9 |
| Walworth | 2,452 | 2,726 | 274 | 11.2 |
| Washington | 3,442 | 3,771 | 329 | 9.6 |
| Waukesha | 9,415 | 9,938 | 523 | 5.6 |
| Region | 40,862 | 40,104 | (758) | (1.9) |

Source: Wisconsin Department of Transportation and SEWRPC.

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Figure B-1
COMPARISON OF AGE AND GENDER COMPOSITION OF THE POPULATION AGES FIVE AND OLDER
IN THE REGION FROM THE 2010 FEDERAL CENSUS AND THE 2011 RESIDENT HOUSEHOLD SURVEY

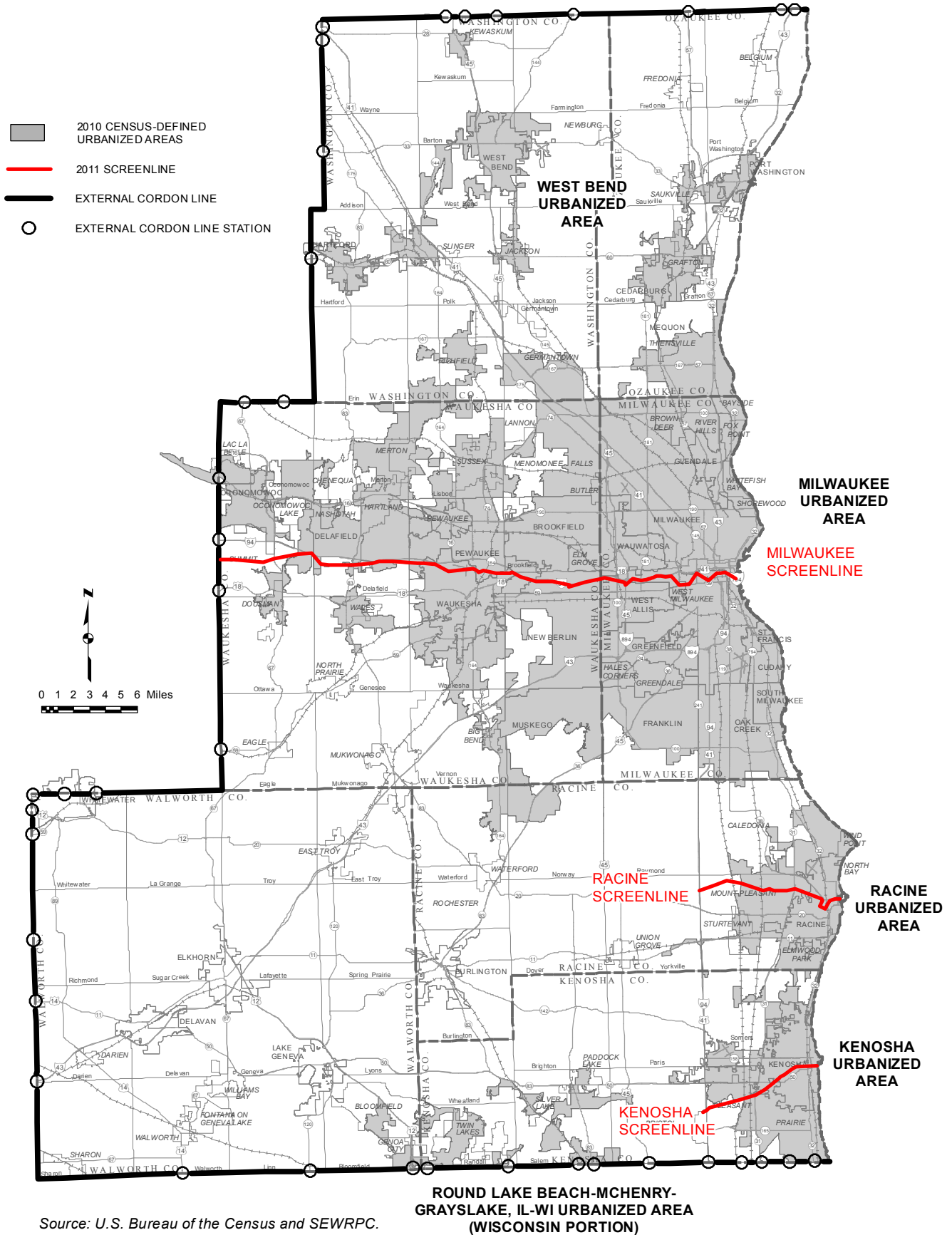


2011 RESIDENT HOUSEHOLD SURVEY
 2010 FEDERAL CENSUS

Source: U.S. Census Bureau and SEWPRC

MAP B-1

TRAVEL INVENTORY CORDON LINE AND SCREENLINE FOR ACCURACY CHECKS



Source: U.S. Bureau of the Census and SEWRPC.