

# THE POPULATION OF SOUTHEASTERN WISCONSIN

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(5th Edition)

# **THE POPULATION OF SOUTHEASTERN WISCONSIN**

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## Chapter I

# INTRODUCTION

An important and necessary step in the regional planning process is the projection of the probable nature and magnitude of changes in factors which are largely beyond the influence of the planning process but which must be considered in the preparation of a comprehensive plan. Among the most important of these factors are those relating to the size, distribution, and composition of the population and to the number, distribution, and types of employment opportunities, or jobs. Accordingly, the Regional Planning Commission periodically carries out demographic studies—resulting in projections of the future size, distribution, and composition of the resident population—and economic studies—resulting in projections of the future number, distribution, and types of jobs—as a basis for the updating and extending the comprehensive plan for physical development of the Region.

The Commission has undertaken a number of in-depth analyses of the Region's population and economic base since 1960. The major demographic analyses have generally coincided with the release of information from the Federal decennial census of population; the major economic base analyses have generally been carried out concurrently with the demographic studies.

This report constitutes the fifth edition of SEWRPC Technical Report No. 11, *The Population of Southeastern Wisconsin*. It documents the findings of the demographic analyses conducted by the Commission following the 2010 census and sets forth new population projections for the Region to the year 2050. This report is a companion to the fifth edition of SEWRPC Technical Report No. 10, *The Economy of Southeastern Wisconsin*, which documents a concurrent analysis of the regional economy and sets forth new employment projections to the year 2050. The aforementioned reports were prepared in tandem to ensure consistency between the Commission's long-range population projections and employment projections. Together, the new population and employment projections presented in these reports provide an important part of the basis for updating and extending the currently adopted regional land use and transportation plans, along with other elements of the comprehensive plan for Southeastern Wisconsin, to the year 2050.

## PREVIOUS DEMOGRAPHIC ANALYSES AND PROJECTIONS

In 1963 the Commission completed a demographic analysis for the Region, resulting in the preparation of a set of population projections through 1985. During the course of the Commission's initial land use-transportation study begun in 1963, those population projections were updated and extended to the year 1990, providing a basis for the initial design year 1990 regional land use and transportation plans. In subsequent studies over the course of the next several decades, the Commission population projections were extended to 2000, to 2010, to 2020, and to 2035—serving as a basis for the updates of the Commission's land use and transportation plans and other plan elements with corresponding design years. The reports documenting previous Commission demographic studies and projections are listed in Table 1.

Table 1

## REPORTS DOCUMENTING PREVIOUS COMMISSION DEMOGRAPHIC ANALYSES AND PROJECTIONS

Name of Publication	Date
SEWRPC Planning Report No. 4, <i>The Population of Southeastern Wisconsin</i>	June 1963
SEWRPC Planning Report No. 7, <i>Land Use-Transportation Study, Volume Two, Forecasts and Alternative Plans: 1990</i>	June 1966
SEWRPC Technical Report No. 11, <i>The Population of Southeastern Wisconsin</i>	December 1972
SEWRPC Planning Report No. 25, <i>A Regional Land Use Plan and a Regional Transportation Plan for Southeastern Wisconsin-2000, Volume II, Alternative and Recommended Plans</i>	May 1978
SEWRPC Technical Report No. 22, <i>Recent Population Growth and Change in Southeastern Wisconsin: 1970-1977</i>	September 1979
SEWRPC Technical Report No. 25, <i>Alternative Futures for Southeastern Wisconsin</i>	December 1980
SEWRPC Technical Report No. 11 (2nd Edition), <i>The Population of Southeastern Wisconsin</i>	June 1984
SEWRPC Planning Report No. 40, <i>A Regional Land Use Plan for Southeastern Wisconsin-2010</i>	January 1992
SEWRPC Technical Report No. 11 (3rd Edition), <i>The Population of Southeastern Wisconsin</i>	October 1995
SEWRPC Technical Report No. 11 (4th Edition), <i>The Population of Southeastern Wisconsin</i>	July 2004

Source: SEWRPC.

Table 2

## ACTUAL AND PROJECTED POPULATION LEVELS BY COUNTY: 2011

County	Actual 2011 Population <sup>a</sup>	Projected 2011 Population		
		High-Growth Scenario	Intermediate-Growth Scenario	Low-Growth Scenario
Kenosha.....	166,600	176,000	167,900	161,800
Milwaukee.....	948,400	983,200	956,400	921,100
Ozaukee .....	86,500	94,300	89,300	86,500
Racine.....	195,200	206,900	196,000	191,300
Walworth.....	102,500	109,700	106,700	101,600
Washington.....	132,200	139,400	133,000	128,000
Waukesha.....	390,300	414,500	394,000	381,400
Region	2,021,700	2,124,000	2,043,300	1,971,700

<sup>a</sup>Wisconsin Department of Administration estimate.

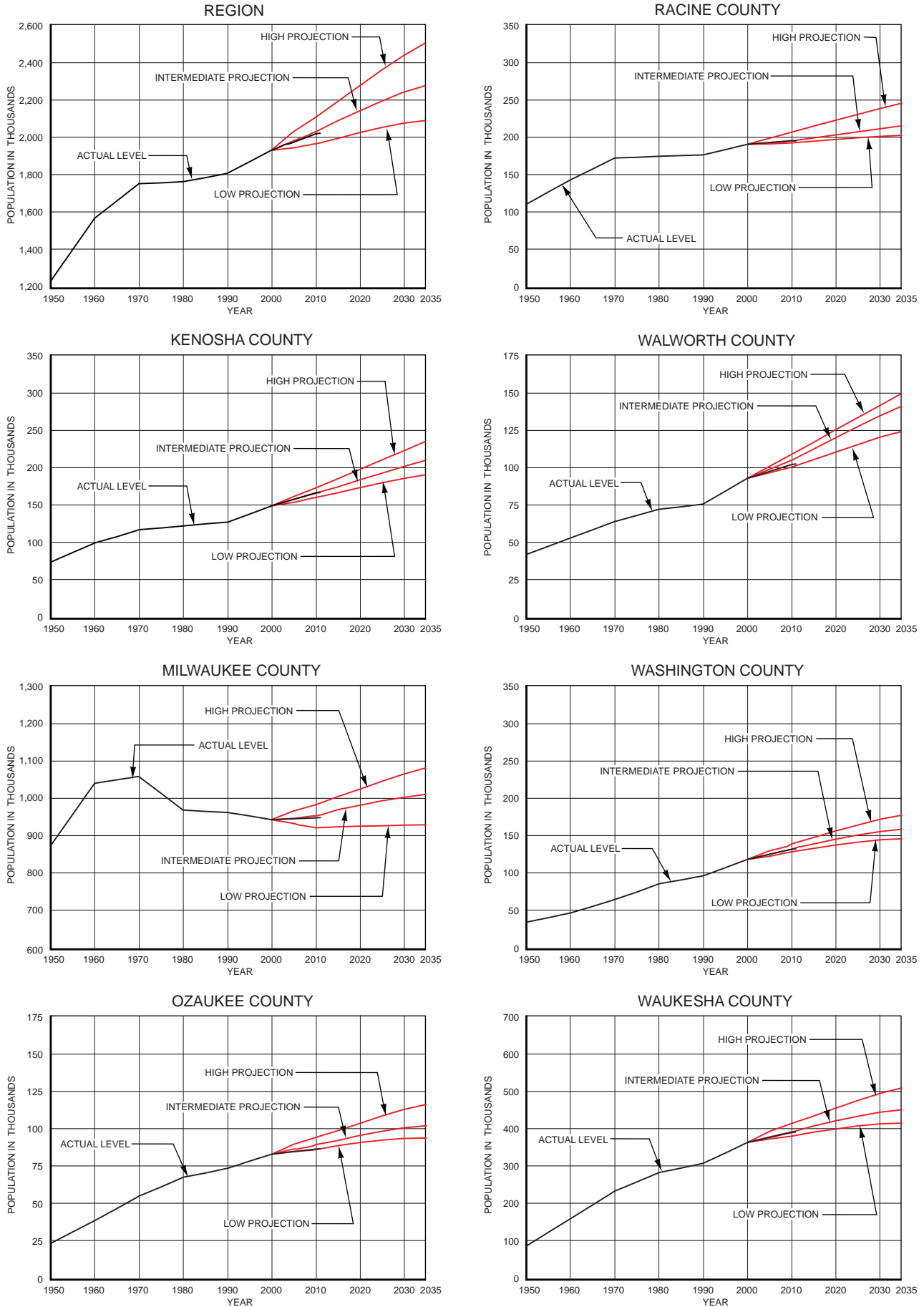
Source: Wisconsin Department of Administration and SEWRPC.

The Commission's most recent population projections for the Region were prepared for the 35-year period 2000 to 2035. The projections are documented in SEWRPC Technical Report No. 11 (4th Edition), *The Population of Southeastern Wisconsin*, dated July 2004. As part of that work, the Commission prepared a range of population projections attendant to "high-growth," "intermediate-growth," and "low-growth" scenarios for the Region. The intermediate-growth projection was used as the basis for the preparation of the year 2035 regional land use and transportation plans.

The year 2035 population projections are shown for the Region and its seven counties in Figure 1. Under those projections, it was envisioned that the resident population of the Region would increase from about 1.93 million persons in 2000 to a 2035 level of about 2.50 million persons under the high-growth scenario, about 2.28 million persons under the intermediate-growth scenario, and about 2.09 million persons under the low-growth scenario. As shown on Figure 1 and Table 2, actual population growth for the Region as a whole since 2000 has most closely approximated the intermediate-growth scenario projection, with the actual regional population in 2011 being only 1 percent less than the projected population. Since 2000, actual population growth within each county in the Region has been within the projected range, with the actual county population being within 1 percent of the intermediate-growth projection for five counties and within 4 percent for two counties.

Figure 1

POPULATION PROJECTIONS FOR THE REGION BY COUNTY: 2000-2035



Source: U.S. Bureau of the Census, Wisconsin Department of Administration, and SEWRPC.

## **CURRENT DEMOGRAPHIC ANALYSES AND PROJECTIONS**

Following the release of information from the 2010 census, the Commission undertook another analysis of trends in population levels and characteristics for the Region. This analysis provided the basis for the preparation of new population projections, those projections being extended 15 years beyond the previous projections, to the year 2050. The analysis work and the preparation of new projections were carried out with the assistance of the Commission's Advisory Committee on Regional Population and Economic Forecasts. The membership of that Committee is set forth on the inside front cover of this report.

The new population projections are presented in Chapter IV of this report. As in the past, the Commission has projected a range of future population levels—low, intermediate, and high—for the Region. The intermediate projection is considered the most likely to be achieved for the Region overall; it is envisioned that this projection would be used as the basis for the preparation of the new year 2050 regional land use and transportation plans. The high and low projections were developed in recognition of the considerable uncertainty that is inherent in any effort to predict future socioeconomic conditions. The high and low projections are intended to provide an indication of the range of population levels which could conceivably be achieved under significantly higher and lower, but nevertheless plausible, growth scenarios for the Region.

The new population projections are accompanied by a new set of household projections for the Region to the year 2050. The household projections are also presented in Chapter IV.

## **PURPOSE OF THIS REPORT**

This report documents the findings of the demographic analyses conducted by the Commission following the 2010 census and sets forth new population projections for the Region to the year 2050. Following this introductory chapter, Chapter II of this report presents information on existing population and household levels in the Region and information on the characteristics of the Region's population and households, along with related historic trend information. Chapter III describes historical trends in the components of population change—namely, natural increase and migration. Chapter IV presents a set of population and household projections for the Region covering the period 2010 to 2050. Chapter V is a summary chapter.



## **Chapter II**

# **POPULATION AND HOUSEHOLD TRENDS**

### **INTRODUCTION**

Current and historic information on the Region's population and households is essential to the comprehensive planning program for the Region. Such information contributes to an understanding of existing development patterns and historic trends in the development of the Region, and provides a framework for preparing the projections of population and households required as a basis for updating the regional land use and transportation plans and other elements of the comprehensive plan for the Region. This chapter presents information on existing population and household levels in the Region and information on the characteristics of the Region's population and households, along with related historic trend information. The data presented in this chapter was drawn from the 2010 Federal census and prior decennial censuses.

Demographic information is presented primarily at the Region- and county-level in this chapter. Population levels for cities, villages, and towns in the Region for census years from 1850 through 2010 are presented in Appendix A of this report.

### **OVERVIEW OF CHANGE IN POPULATION AND HOUSEHOLDS BETWEEN 2000 AND 2010**

The size, distribution, and characteristics of the Region's population and households continued to change between 2000 and 2010, as indicated below:

- The population of the Southeastern Wisconsin Region increased from 1,931,200 persons in 2000 to 2,020,000 persons in 2010—an increase of 88,800 persons, or 4.6 percent. In comparison, the population of Wisconsin and the Nation increased by 6.0 percent and 9.7 percent during this time.
- The baby-boom generation (those born from 1946 through 1964) continued to impact the age composition of the regional population. Over the past 10 years, there was a significant increase in the population in the 50-to-54-year, 55-to-59-year, and 60-to-64-year age groups, a result of the aging of the baby-boomers. The median age of the regional population increased from 35.4 years in 2000 to 37.0 years in 2010, continuing a long-term trend of increasing median age in the Region.
- Between 2000 and 2010, the minority population of the Region (persons reported as being of Hispanic origin and/or any non-White race) increased by about 129,100 persons, while the non-Hispanic White

population of the Region decreased. The minority population comprised 28.9 percent of the total regional population in 2010, compared to 23.5 percent in 2000. The Hispanic population experienced the largest increase among all racial and ethnic groups between 2000 and 2010.

- Each of the seven counties in the Region experienced a population increase between 2000 and 2010, ranging from 0.8 percent in Milwaukee County to 12.2 percent in Washington County. Milwaukee County's increase of about 7,600 persons represents the County's first 10-year population increase since the 1960s.
- The number of households in the Region increased from 749,000 in 2000 to 800,100 in 2010, an increase of 51,100 households, or 6.8 percent. The average household size in the Region decreased slightly, from 2.52 persons in 2000 to 2.47 persons in 2010.
- Each of the seven counties in the Region also experienced an increase in households between 2000 and 2010, ranging from 1.6 percent in Milwaukee County to 17.7 percent in Washington County. The average household size for each county decreased at least slightly between 2000 and 2010.

The balance of this chapter describes in greater detail trends in the size, distribution, and characteristics of the population and households of the Region.

## **POPULATION**

### **Population Size**

The resident population of the Region was 2,020,000 persons in 2010, compared to 1,931,200 in 2000. The increase of 88,800 persons in the regional population between 2000 and 2010 is substantially greater than the increases experienced during the 1970s (8,700 persons) and 1980s (45,600 persons), but less than the increase of 120,800 persons experienced during the 1990s (see Table 3 and Figure 2).

The relative increase in the Region's population between 2000 and 2010—4.6 percent—compares to an increase of 6.0 percent for Wisconsin overall and 9.7 percent for the United States. The Region's share of Wisconsin's population decreased slightly, from 36.0 to 35.5 percent, with the Region's share of the national population also declining. As indicated in Table 3, the Region's share of the State and national population has been gradually decreasing since 1960.

### **Population Distribution by County**

All seven of the Region's counties gained population between 2000 and 2010 (see Table 4 and Figure 3). Following three decades of decline, Milwaukee County's population increased by about 7,600 persons, or 0.8 percent, between 2000 and 2010. Among the other six counties in the Region, the relative increases in population were 3.5 percent in Racine, 5.0 percent in Ozaukee, 8.1 percent in Waukesha, just over 11.0 percent in Kenosha and Walworth, and 12.2 percent in Washington.

Milwaukee County's share of the regional population stood at 46.9 percent in 2010—followed by Waukesha (19.3 percent), Racine (9.7 percent), Kenosha (8.2 percent), Washington (6.5 percent), Walworth (5.1 percent), and Ozaukee (4.3 percent). Milwaukee County's share of the regional population decreased by about 2 percentage points between 2000 and 2010, while the share of each of the other six counties remained about the same or increased slightly. Going back to 1950, the most notable change in the distribution of population within the Region has been the increase in Waukesha County's share—from 6.9 percent of the regional population in 1950 to 19.3 percent in 2010—and the decrease in Milwaukee County's share—from 70.2 percent in 1950 to 46.9 percent in 2010 (see Figure 4).

The counties located immediately south of the Region continued to increase in population between 2000 and 2010, but at somewhat reduced rates compared to their growth during the previous decade. As indicated in Table 5, the population of Lake County, Illinois increased by about 59,100 persons, or 9.2 percent, between 2000 and 2010, while the population of McHenry County, Illinois increased by about 48,700 persons, or about 18.7 percent. The combined population of those two counties exceeded 1.0 million persons in 2010.

Table 3

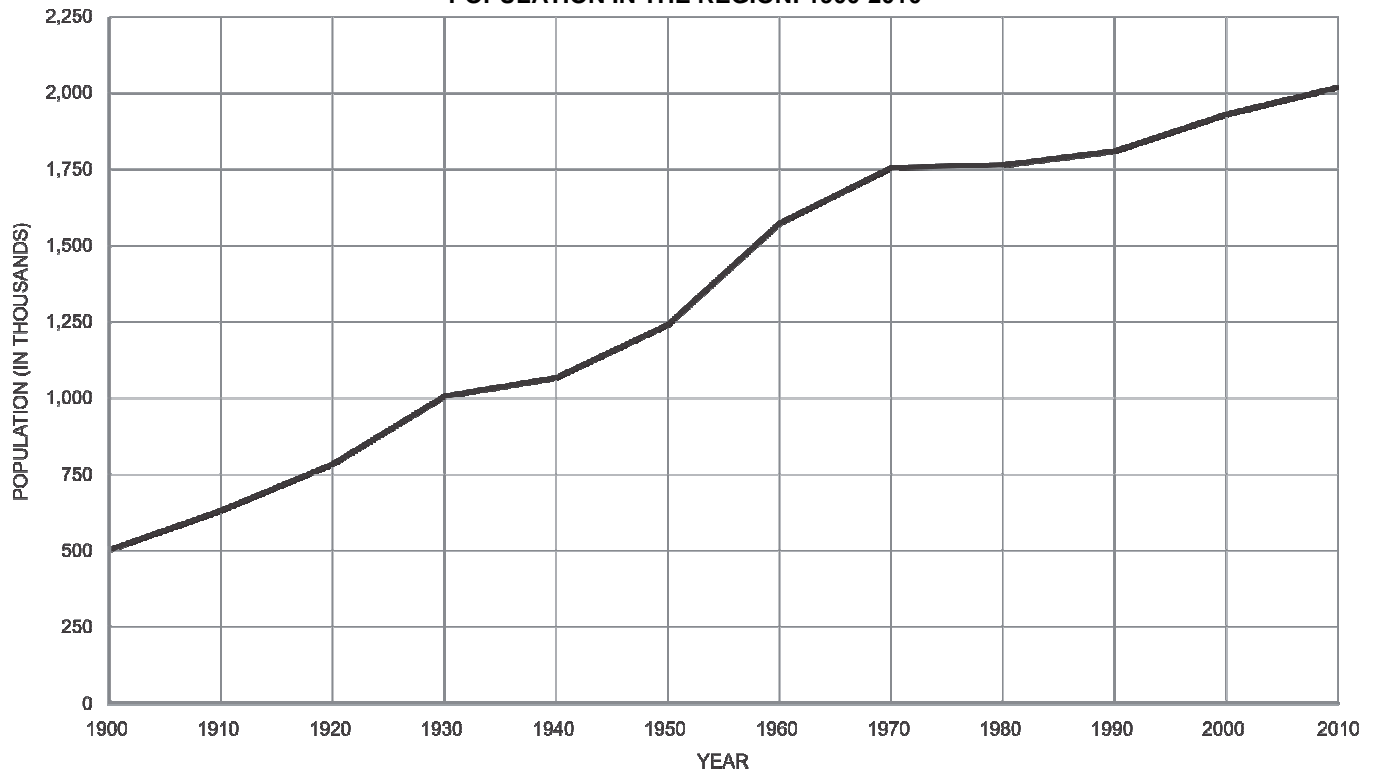
## POPULATION IN THE REGION, WISCONSIN, AND THE UNITED STATES: 1850-2010

Year	Region Population			Wisconsin Population			United States Population			Regional Population as a Percent of:	
	Number	Change from Preceding Census		Number	Change from Preceding Census		Number	Change from Preceding Census			
		Absolute	Percent		Absolute	Percent		Absolute	Percent	Wisconsin	United States
1850	113,389	--	--	305,391	--	--	23,191,876	--	--	37.1	0.49
1860	190,409	77,020	67.9	775,881	470,490	154.1	31,443,321	8,251,445	35.6	24.5	0.61
1870	223,546	33,137	17.4	1,054,670	278,789	35.9	38,448,371	7,005,050	22.3	21.2	0.58
1880	277,119	53,573	24.0	1,315,497	260,827	24.7	50,155,783	11,707,412	30.4	21.1	0.55
1890	386,774	109,655	39.6	1,693,330	377,833	28.7	62,947,714	12,791,931	25.5	22.8	0.61
1900	501,808	115,034	29.7	2,069,042	375,712	22.2	75,994,575	13,046,861	20.7	24.3	0.66
1910	631,161	129,353	25.8	2,333,860	264,818	12.8	91,972,266	15,977,691	21.0	27.0	0.69
1920	783,681	152,520	24.2	2,632,067	298,207	12.8	105,710,620	13,738,354	14.9	29.8	0.74
1930	1,006,118	222,437	28.4	2,939,006	306,939	11.7	122,755,046	17,044,426	16.1	34.2	0.82
1940	1,067,699	61,581	6.1	3,137,587	198,581	6.8	131,669,587	8,914,541	7.3	34.0	0.81
1950	1,240,618	172,919	16.2	3,434,575	296,988	9.5	151,325,798	19,656,211	14.9	36.1	0.82
1960	1,573,614	332,996	26.8	3,951,777	517,202	15.1	179,323,175	27,997,377	18.5	39.8	0.88
1970	1,756,083	182,469	11.6	4,417,821	466,044	11.8	203,302,031	23,978,856	13.4	39.7	0.86
1980	1,764,796	8,713	0.5	4,705,642	287,821	6.5	226,504,825	23,202,794	11.4	37.5	0.78
1990	1,810,364	45,568	2.6	4,891,769	186,127	4.0	249,632,692	23,127,867	10.2	37.0	0.73
2000	1,931,165	120,801	6.7	5,363,675	471,906	9.6	281,421,906	31,789,214	12.7	36.0	0.69
2010	2,019,970	88,805	4.6	5,686,986	323,311	6.0	308,745,538	27,323,632	9.7	35.5	0.65

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

Figure 2

## POPULATION IN THE REGION: 1900-2010



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

Table 4

## POPULATION IN THE REGION BY COUNTY: 1900-2010

Year	Kenosha County Population				Milwaukee County Population			
	Number	Change from Preceding Census		Percent of Region Total	Number	Change from Preceding Census		Percent of Region Total
		Absolute	Percent			Absolute	Percent	
1900	21,707	--	--	4.3	330,017	--	--	65.8
1910	32,929	11,222	51.7	5.2	433,187	103,170	31.3	68.6
1920	51,284	18,355	55.7	6.6	539,449	106,262	24.5	68.8
1930	63,277	11,993	23.4	6.3	725,263	185,814	34.4	72.1
1940	63,505	228	0.4	5.9	766,885	41,622	5.7	71.8
1950	75,238	11,733	18.5	6.1	871,047	104,162	13.6	70.2
1960	100,615	25,377	33.7	6.4	1,036,041	164,994	18.9	65.8
1970	117,917	17,302	17.2	6.7	1,054,249	18,208	1.8	60.0
1980	123,137	5,220	4.4	7.0	964,988	-89,261	-8.5	54.7
1990	128,181	5,044	4.1	7.1	959,275	-5,713	-0.6	53.0
2000	149,577	21,396	16.7	7.7	940,164	-19,111	-2.0	48.7
2010	166,426	16,849	11.3	8.2	947,735	7,571	0.8	46.9

Year	Ozaukee County Population				Racine County Population			
	Number	Change from Preceding Census		Percent of Region Total	Number	Change from Preceding Census		Percent of Region Total
		Absolute	Percent			Absolute	Percent	
1900	16,363	--	--	3.3	45,644	--	--	9.1
1910	17,123	760	4.6	2.7	57,424	11,780	25.8	9.1
1920	16,335	-788	-4.6	2.1	78,961	21,537	37.5	10.1
1930	17,394	1,059	6.5	1.7	90,217	11,256	14.3	9.0
1940	18,985	1,591	9.1	1.8	94,047	3,830	4.2	8.8
1950	23,361	4,376	23.0	1.9	109,585	15,538	16.5	8.8
1960	38,441	15,080	64.6	2.5	141,781	32,196	29.4	9.0
1970	54,461	16,020	41.7	3.1	170,838	29,057	20.5	9.7
1980	66,981	12,520	23.0	3.8	173,132	2,294	1.3	9.8
1990	72,831	5,850	8.7	4.0	175,034	1,902	1.1	9.7
2000	82,317	9,486	13.0	4.2	188,831	13,797	7.9	9.8
2010	86,395	4,078	5.0	4.3	195,408	6,577	3.5	9.7

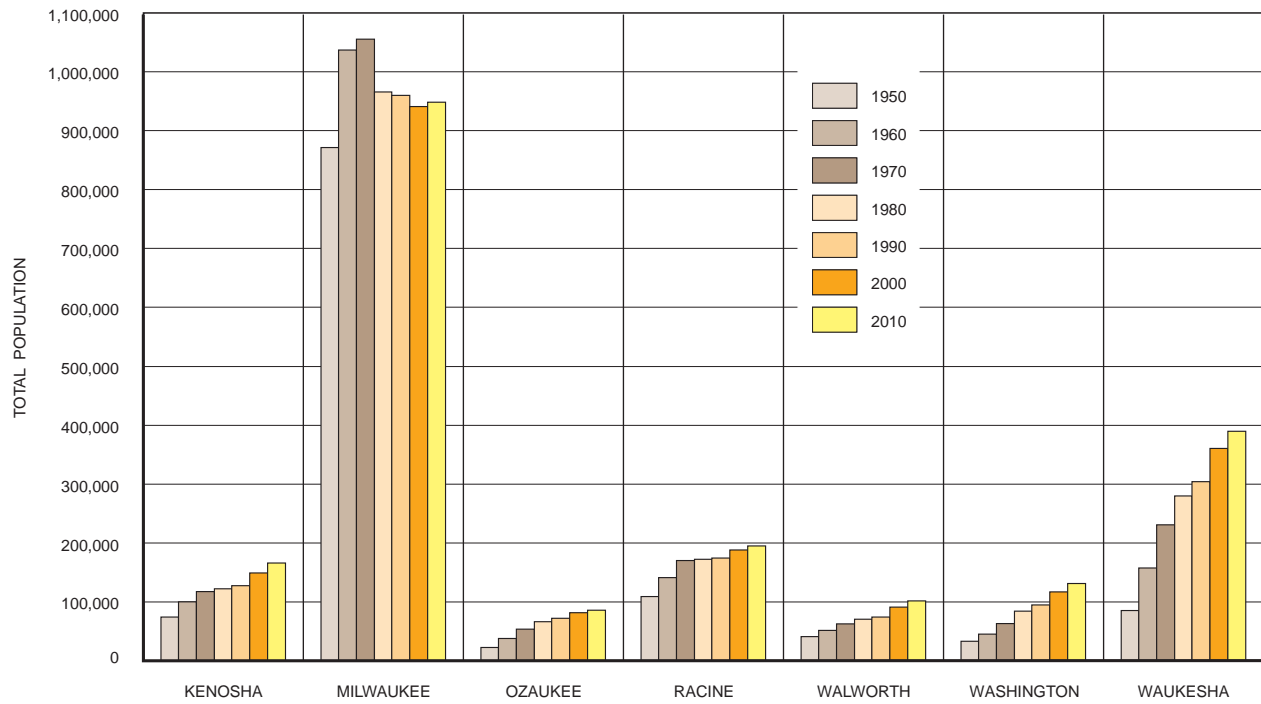
Year	Walworth County Population				Washington County Population			
	Number	Change from Preceding Census		Percent of Region Total	Number	Change from Preceding Census		Percent of Region Total
		Absolute	Percent			Absolute	Percent	
1900	29,259	--	--	5.8	23,589	--	--	4.7
1910	29,614	355	1.2	4.7	23,784	195	0.8	3.8
1920	29,327	-287	-1.0	3.7	25,713	1,929	8.1	3.3
1930	31,058	1,731	5.9	3.1	26,551	838	3.3	2.6
1940	33,103	2,045	6.6	3.1	28,430	1,879	7.1	2.7
1950	41,584	8,481	25.6	3.4	33,902	5,472	19.2	2.7
1960	52,368	10,784	25.9	3.3	46,119	12,217	36.0	2.9
1970	63,444	11,076	21.2	3.6	63,839	17,720	38.4	3.7
1980	71,507	8,063	12.7	4.0	84,848	21,009	32.9	4.8
1990	75,000	3,493	4.9	4.1	95,328	10,480	12.4	5.3
2000	92,013	17,013	22.7	4.8	117,496	22,168	23.3	6.1
2010	102,228	10,215	11.1	5.1	131,887	14,391	12.2	6.5

Year	Waukesha County Population				Region Population			
	Number	Change from Preceding Census		Percent of Region Total	Number	Change from Preceding Census		Percent of Region Total
		Absolute	Percent			Absolute	Percent	
1900	35,229	--	--	7.0	501,808	--	--	100.0
1910	37,100	1,871	5.3	5.9	631,161	129,353	25.8	100.0
1920	42,612	5,512	14.9	5.4	783,681	152,520	24.2	100.0
1930	52,358	9,746	22.9	5.2	1,006,118	222,437	28.4	100.0
1940	62,744	10,386	19.8	5.9	1,067,699	61,581	6.1	100.0
1950	85,901	23,157	36.9	6.9	1,240,618	172,919	16.2	100.0
1960	158,249	72,348	84.2	10.1	1,573,614	332,996	26.8	100.0
1970	231,335	73,086	46.2	13.2	1,756,083	182,469	11.6	100.0
1980	280,203	48,868	21.1	15.9	1,764,796	8,713	0.5	100.0
1990	304,715	24,512	8.7	16.8	1,810,364	45,568	2.6	100.0
2000	360,767	56,052	18.4	18.7	1,931,165	120,801	6.7	100.0
2010	389,891	29,124	8.1	19.3	2,019,970	88,805	4.6	100.0

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

Figure 3

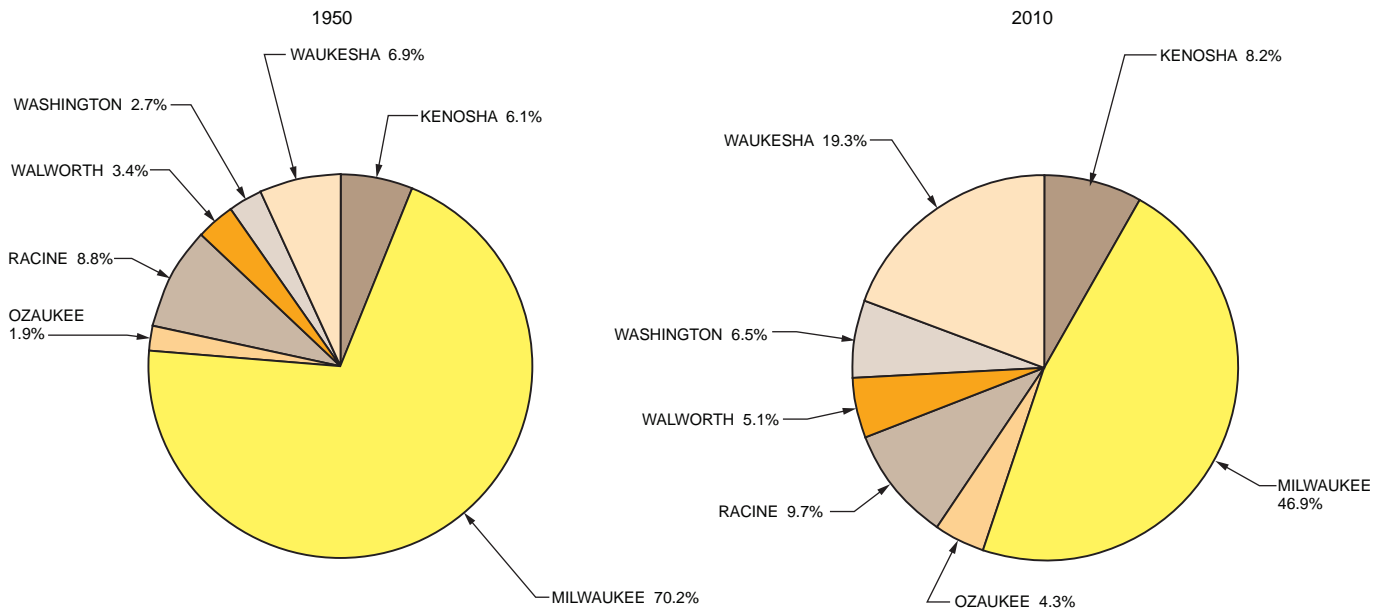
POPULATION IN THE REGION BY COUNTY: 1950-2010



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

Figure 4

SHARE OF REGIONAL POPULATION BY COUNTY: 1950 AND 2010



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



Table 5

## POPULATION IN LAKE AND MCHENRY COUNTIES, ILLINOIS: 1980-2010

Year	Lake County Population			McHenry County Population		
	Number	Change from Preceding Census		Number	Change from Preceding Census	
		Absolute	Percent		Absolute	Percent
1980	440,372	--	--	147,987	--	--
1990	516,418	76,046	17.3	183,241	35,254	23.8
2000	644,356	127,938	24.8	260,077	76,836	41.9
2010	703,462	59,106	9.2	308,760	48,683	18.7

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

Table 6

## POPULATION IN THE REGION BY URBANIZED AREA: 2000 AND 2010

Urbanized Area	2000		2010	
	Number	Percent of Total	Number	Percent of Total
Kenosha (part) .....	110,942	5.8	124,060	6.2
Milwaukee (part) .....	1,308,913	67.8	1,374,304	68.0
Racine .....	129,545	6.7	133,700	6.6
Round Lake Beach—McHenry—Grayslake (part) .....	19,786	1.0	30,562	1.5
West Bend <sup>a</sup> .....	--	--	68,444	3.4
Subtotal Urbanized Areas .....	1,569,186	81.3	1,731,070	85.7
Outside Urbanized Areas .....	361,979	18.7	288,900	14.3
Total	1,931,165	100.0	2,019,970	100.0

<sup>a</sup>West Bend did not qualify as an urbanized area in 2000.

NOTE: The total population in the Kenosha urbanized area in 2010 was 124,064, of which four resided in Illinois. The total population in the Milwaukee urbanized area in 2010 was 1,376,476, of which 2,172 resided in Jefferson County. The total population in the Round Lake Beach—McHenry—Grayslake urbanized area in 2010 was 290,373, of which 259,811 resided in Illinois. In 2000, total population in the Round Lake Beach—McHenry—Grayslake urbanized area was 226,848, of which 207,062 resided in Illinois.

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

### Population Distribution by Urbanized Area

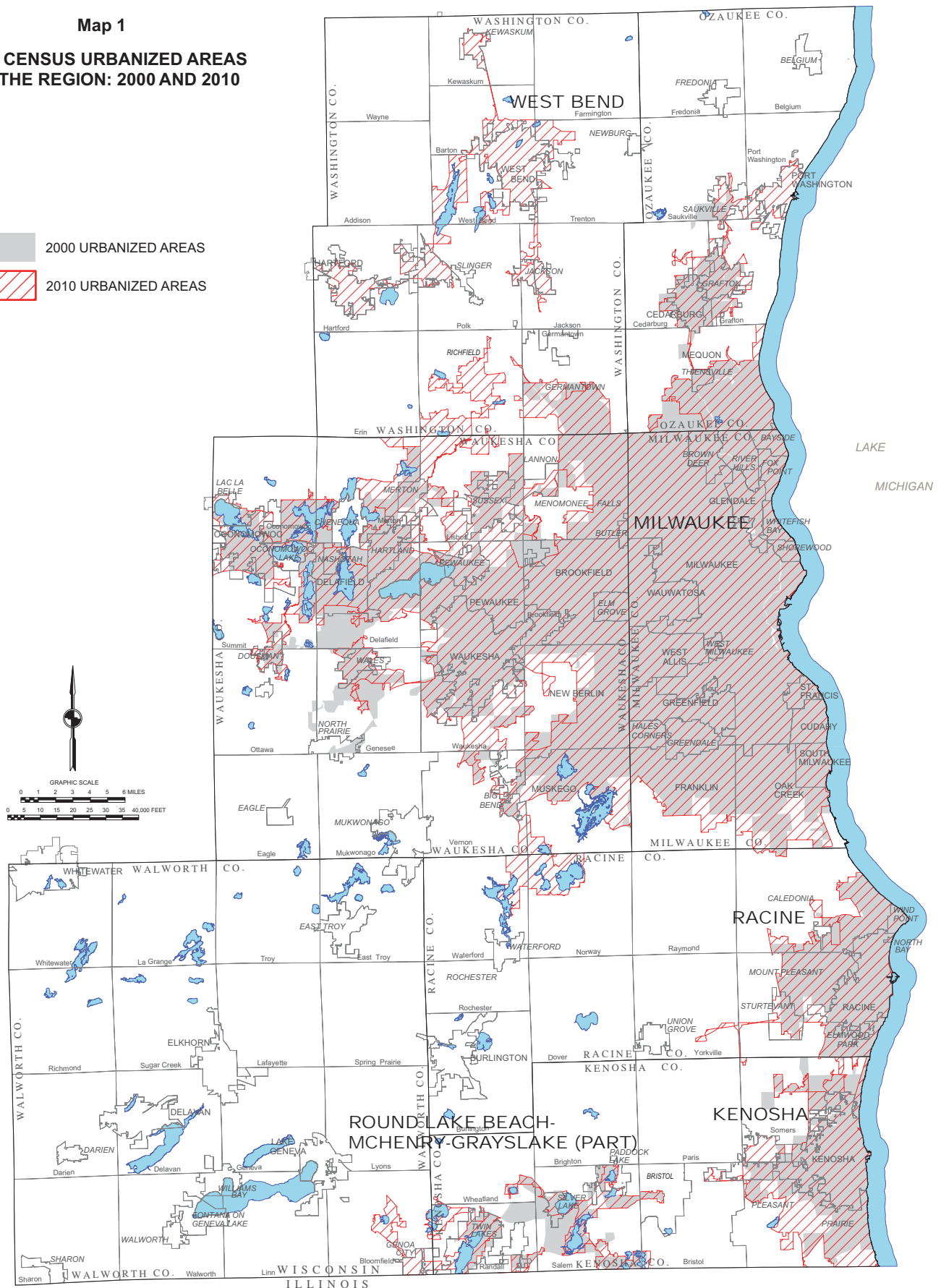
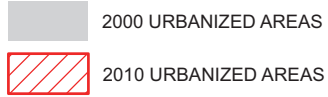
It is also useful to analyze the population of the Region in terms of its location inside and outside Census Bureau-defined urbanized areas. An urbanized area is an area consisting of a central core and adjacent densely settled territory that together contains at least 50,000 people. For the 2010 census, urbanized areas were identified by the Census Bureau as aggregations of census tracts and blocks which meet certain population level and population density criteria, along with adjacent areas of nonresidential urban land.

As shown on Map 1, there were five urbanized areas in the Region in 2010: the Kenosha, Milwaukee, Racine and West Bend urbanized areas, which are located nearly entirely within the Region;<sup>1</sup> and the Round Lake Beach—McHenry—Grayslake urbanized area, which consists of portions of Kenosha and Walworth Counties along with portions of Lake and McHenry Counties in Illinois. The West Bend area in Washington County was identified as an urbanized area for the first time, following the 2010 census. The combined population of the urbanized areas within the Region was 1,731,100 persons in 2010, representing about 86 percent of the total population of the Region (see Table 6).

<sup>1</sup>A small portion of the Kenosha urbanized area extends into Lake County, Illinois; and a small portion of the Milwaukee urbanized area extends into Jefferson County, Wisconsin.

Map 1

**U.S. CENSUS URBANIZED AREAS  
IN THE REGION: 2000 AND 2010**



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

It should be noted that the Census Bureau implemented certain procedural changes in delineating urbanized areas for purposes of the 2010 census. Among these changes is the inclusion of areas of non-residential urban development located on the periphery of densely populated areas. Larger airports on the periphery of densely populated areas—such as Kenosha Regional Airport—are also included in the 2010 urbanized area delineations. These and other procedural changes in the delineation of urbanized areas between the 2000 and 2010 censuses are documented on the Census Bureau’s website.

## **Population Characteristics**

### ***Age Composition***

As indicated in Table 7 and Figure 5, growth in the regional population has been accompanied by change in the age composition. Among the five-year age groups, growth over the past 10 years in the Region is most evident in the 50-to-54-year, the 55-to-59-year, and the 60-to-64-year age groups, largely reflecting the aging of “baby-boomers” (those born from 1946 through 1964). Conversely, the largest decreases in population between 2000 and 2010 occurred in the 35-to-39-year and 40-to-44-year age groups, a reflection of baby-boomers moving out of those age groups coupled with the smaller number of people born in the late 1960s and early 1970s moving into those age groups.<sup>2</sup>

The median age of the regional population (the age above and below which there is an equal number of persons) was 37.0 years in 2010. As indicated in Table 8, the regional population median age has increased steadily—by almost 10 years—since 1970, when the median age was 27.6 years. Among the seven counties in the Region, the median age in 2010 ranged from 33.6 years in Milwaukee County to 42.9 years in Ozaukee County.

### ***Gender Composition***

Males comprised 48.9 percent of the total regional population in 2010, while females comprised 51.1 percent. Males slightly outnumber females through early childhood and young adulthood. Differences in the gender makeup are most evident in the older age groups. Females comprised about 56 percent of the population age 60 years and over in the Region and about 65 percent of the population age 80 years and over (see Table 9).

### ***Racial Composition***

In the 2010 census, as in the 2000 census, respondents were given the opportunity to specify more than one race when responding to questions on racial identity. The resulting data are summarized for the Region in Table 10 and described below:

- **Persons Reporting One Race**

As indicated in Table 10, the vast majority of the Region’s population—1,972,900 persons, or 97.7 percent—reported only one race in the 2010 census. This includes 76.0 percent of the total population reporting White; 14.6 percent reporting Black or African American; 0.5 percent reporting American Indian or Alaska Native; 2.6 percent reporting Asian; less than 0.1 percent reporting Native Hawaiian or Other Pacific Islander; and 3.9 percent reporting some other race.

Since 2000, the population reporting its race as White alone—that is, identifying as White and no other race—increased by only about 1,600 persons, or 0.1 percent. Conversely, the population reporting a single race other than White increased by 70,900 persons, or 19.4 percent. This includes an increase of about 31,600 persons, or 12.0 percent, in the Black/African American alone population; about 900 persons, or 9.2 percent, in the American Indian/Alaska Native alone population; about 17,000 persons, or 49.3 percent, in the Asian alone population; and 21,400 persons, or 36.8 percent, in the population reporting some other single race.

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<sup>2</sup>The year 2010 population of each county in the Region is presented by five-year age group and gender in Appendix B of this report.

- **Persons Reporting More than One Race**

In the 2010 census, about 47,100 persons, or 2.3 percent of the total population of the Region, reported being of more than one race. This compares to 32,400 persons, or 1.7 percent of the total population, who reported more than one race in the 2000 census. Of those identifying more than one race in 2010, about 40,700 persons, or 86.5 percent, identified White as one of their races.

The racial composition of the population of each of the seven counties in the Region in 2010 is indicated in Table 11. The White alone population represented 60.6 percent of the total population in Milwaukee County, 79.7 percent in Racine County, and 83.8 percent in Kenosha County. In Ozaukee, Walworth, Washington, and Waukesha Counties, the White proportion of the total population ranged from 91.9 to 95.8 percent.

As indicated in Table 12, the majority of the non-White population of the Region resides in Milwaukee County. Specifically, in 2010 Milwaukee County accounted for 86.1 percent of the Region's Black/African American population, 65.5 percent of the Region's American Indian/Alaska Native population, and 63.0 percent of the Region's Asian population.

### ***Hispanic Origin***

The Federal census includes questions on Hispanic origin independent of questions on race. As part of the census, those who report being of Hispanic origin may be of any race.

As indicated in Table 13, about 200,200 persons in the Region, or about 9.9 percent of the Region's population, were reported to be of Hispanic origin in the 2010 census. The Hispanic population in the Region increased by about 73,800 persons, or 58.4 percent, between 2000 and 2010, far exceeding the rate of increase in the overall population (4.6 percent). Combined with a 46 percent increase during the 1980s and 86 percent during the 1990s, the Region's Hispanic population more than quadrupled during the past three decades.

As further indicated in Table 13, the Hispanic population comprised more than 10.0 percent of the total population in four counties in the Region—Kenosha, Milwaukee, Racine, and Walworth Counties—in 2010. In Ozaukee, Washington, and Waukesha Counties, this proportion ranged from 2.3 to 4.1 percent.

### ***Race and Hispanic Origin***

The Census Bureau provides cross tabulations of data on race and Hispanic origin from the year 2000 and 2010 censuses. That data is summarized for the Region in Table 14. That table breaks out the total population into two groups: those who reported their race and ethnicity as non-Hispanic White alone and those who reported their race and ethnicity as something other than non-Hispanic White alone. The latter group is referred to as the minority population in this report. Stated another way, the minority population includes persons reported in the census as being of Hispanic origin and/or reporting their race as Black or African American, American Indian/Alaska Native, Asian, Native Hawaiian/Pacific Islander, some other race, or more than one race.

As indicated in Table 14, the minority population of the Region was about 582,900 persons in 2010, representing 28.9 percent of the total regional population. The minority population increased by about 129,100 persons, or 28.4 percent, between 2000 and 2010. Conversely, the non-Hispanic White alone population decreased by about 42,000 persons, or 2.8 percent. As a result, the minority population's share of the total regional population increased from 23.5 percent to 28.9 percent between 2000 and 2010, while the non-Hispanic White population decreased from 76.5 percent to 71.1 percent.

Among the seven counties, the minority population percentage in 2010 was highest in Milwaukee County (45.7 percent), followed by Racine County (25.6 percent), Kenosha County (22.0 percent), and Walworth County (13.2 percent). In Ozaukee, Washington, and Waukesha Counties, the minority population comprised between 5.7 and 9.4 percent of the total county population.

Each county experienced an increase in its minority population between 2000 and 2010. In absolute terms, the largest minority population increase by far—76,100 persons—occurred in Milwaukee County. In both Milwaukee

Table 7

## AGE COMPOSITION OF THE POPULATION IN THE REGION: 1980-2010

Age Group	1980 Population		1990 Population		2000 Population		2010 Population	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
Under 5 .....	128,085	7.3	138,444	7.6	132,390	6.8	133,503	6.6
5-9.....	127,834	7.2	137,582	7.6	144,219	7.5	137,010	6.8
10-14.....	146,252	8.3	128,651	7.1	147,229	7.6	140,118	6.9
15-19.....	168,897	9.6	123,812	6.8	141,558	7.3	144,926	7.2
20-24.....	166,934	9.5	132,736	7.3	124,200	6.4	137,595	6.8
25-29.....	153,984	8.7	154,747	8.5	125,567	6.5	137,321	6.8
30-34.....	134,573	7.6	161,435	8.9	138,238	7.2	128,174	6.3
35-39.....	104,594	5.9	146,066	8.1	157,844	8.2	125,851	6.2
40-44.....	89,464	5.1	126,119	7.0	159,702	8.3	136,456	6.8
45-49.....	87,770	5.0	97,337	5.4	142,428	7.4	153,577	7.6
50-54.....	94,349	5.3	81,990	4.5	120,345	6.2	153,402	7.6
55-59.....	90,688	5.1	77,337	4.3	88,417	4.6	132,272	6.5
60-64.....	76,201	4.3	77,637	4.3	69,747	3.6	105,758	5.2
65-69.....	64,547	3.7	70,577	3.9	62,281	3.2	72,622	3.6
70-74.....	50,400	2.9	56,505	3.1	60,479	3.1	54,925	2.7
75-79.....	37,502	2.1	44,570	2.5	51,372	2.7	46,609	2.3
80-84.....	24,367	1.4	29,758	1.6	35,349	1.8	39,940	2.0
85 and Older.....	18,478	1.0	25,061	1.4	31,543	1.6	39,911	2.0
All Ages	1,764,919	100.0	1,810,364	100.0	1,932,908	100.0	2,019,970	100.0

Age Group	Change 1980-1990		Change 1990-2000		Change 2000-2010		Change 1980-2010	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 5 .....	10,359	8.1	-6,054	-4.4	1,113	0.8	5,418	4.2
5-9.....	9,748	7.6	6,637	4.8	-7,209	-5.0	9,176	7.2
10-14.....	-17,601	-12.0	18,578	14.4	-7,111	-4.8	-6,134	-4.2
15-19.....	-45,085	-26.7	17,746	14.3	3,368	2.4	-23,971	-14.2
20-24.....	-34,198	-20.5	-8,536	-6.4	13,395	10.8	-29,339	-17.6
25-29.....	763	0.5	-29,180	-18.9	11,754	9.4	-16,663	-10.8
30-34.....	26,862	20.0	-23,197	-14.4	-10,064	-7.3	-6,399	-4.8
35-39.....	41,472	39.7	11,778	8.1	-31,993	-20.3	21,257	20.3
40-44.....	36,655	41.0	33,583	26.6	-23,246	-14.6	46,992	52.5
45-49.....	9,567	10.9	45,091	46.3	11,149	7.8	65,807	75.0
50-54.....	-12,359	-13.1	38,355	46.8	33,057	27.5	59,053	62.6
55-59.....	-13,351	-14.7	11,080	14.3	43,855	49.6	41,584	45.9
60-64.....	1,436	1.9	-7,890	-10.2	36,011	51.6	29,557	38.8
65-69.....	6,030	9.3	-8,296	-11.8	10,341	16.6	8,075	12.5
70-74.....	6,105	12.1	3,974	7.0	-5,554	-9.2	4,525	9.0
75-79.....	7,068	18.8	6,802	15.3	-4,763	-9.3	9,107	24.3
80-84.....	5,391	22.1	5,591	18.8	4,591	13.0	15,573	63.9
85 and Older.....	6,583	35.6	6,482	25.9	8,368	26.5	21,433	116.0
All Ages	45,445	2.6	122,544	6.8	87,062	4.5	255,051	14.5

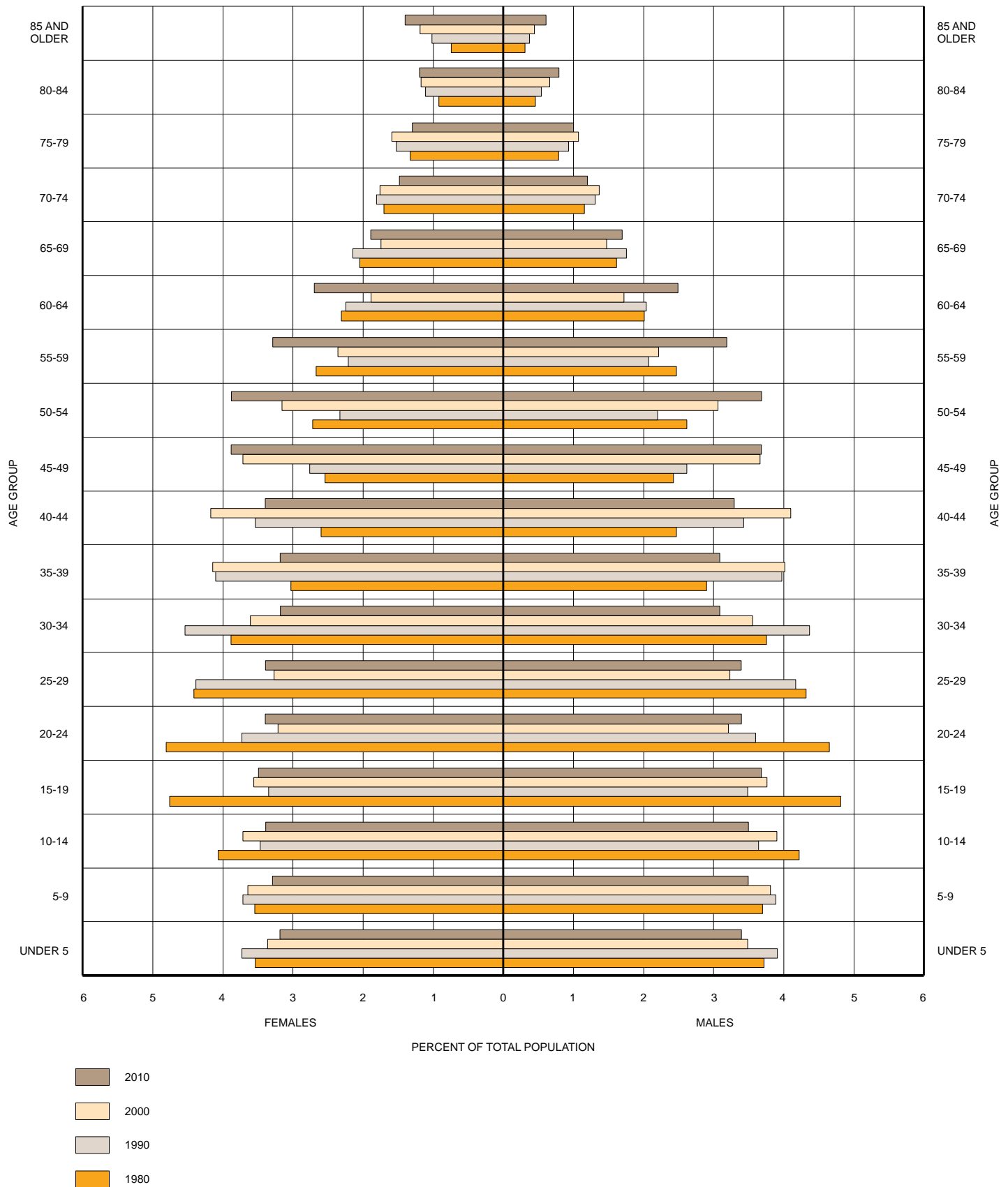
NOTE: The total population by age for 1980 and 2000 reported by the Census Bureau as indicated on this table differs slightly from the Census Bureau total population count presented in Tables 3 and 4.

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



Figure 5

AGE COMPOSITION OF THE POPULATION IN THE REGION: 1980-2010



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

Table 8

## MEDIAN AGE OF THE POPULATION IN THE REGION BY COUNTY: 1950-2010

County	Median Age of the Population (Years)						
	1950	1960	1970	1980	1990	2000	2010
Kenosha.....	31.5	28.8	26.9	29.3	32.5	34.8	36.3
Milwaukee.....	32.5	30.5	28.6	30.0	32.2	33.7	33.6
Ozaukee .....	30.7	27.3	25.6	30.2	34.6	38.9	42.9
Racine.....	31.4	28.5	26.0	28.9	32.8	36.1	39.0
Walworth.....	33.1	30.3	26.4	29.5	33.0	35.1	38.1
Washington.....	30.3	27.0	24.9	28.1	32.5	36.6	40.9
Waukesha.....	30.6	27.0	25.4	29.7	34.0	38.1	42.0
Region	32.2	29.7	27.6	29.7	32.8	35.4	37.0

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

Table 9

## GENDER AND AGE OF THE POPULATION IN THE REGION: 2010

Age Group	Male Population		Female Population		Total Population	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
Under 20.....	283,895	51.1	271,662	48.9	555,557	100.0
20 to 39.....	262,592	49.6	266,349	50.4	528,941	100.0
40 to 59.....	283,141	49.2	292,566	50.8	575,707	100.0
60 to 69.....	85,405	47.9	92,975	52.1	178,380	100.0
70 to 79.....	44,326	43.7	57,208	56.3	101,534	100.0
80 and Older.....	27,898	34.9	51,953	65.1	79,851	100.0
Total	987,257	48.9	1,032,713	51.1	2,019,970	100.0

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

Table 10

## RACIAL COMPOSITION OF THE POPULATION OF THE REGION: 2000 AND 2010

Race	Population: 2000		Population: 2010		Change in Population: 2000-2010	
	Number	Percent of Total	Number	Percent of Total	Number	Percent
One Race Reported						
White.....	1,534,464	79.4	1,536,028	76.0	1,564	0.1
Black or African American.....	263,200	13.6	294,809	14.6	31,609	12.0
American Indian or Alaska Native.....	9,510	0.5	10,386	0.5	876	9.2
Asian.....	34,438	1.8	51,426	2.6	16,988	49.3
Native Hawaiian or Other Pacific Islander.....	716	<0.1	729	<0.1	13	1.8
Other Race.....	58,157	3.0	79,535	3.9	21,378	36.8
Subtotal	1,900,485	98.3	1,972,913	97.7	72,428	3.8
More than One Race Reported .....	32,423	1.7	47,057	2.3	14,634	45.1
Total	1,932,908	100.0	2,019,970	100.0	87,062	4.5

NOTE: The total population by race for 2000 reported by the Census Bureau as indicated on this table differs slightly from the Census Bureau total population count presented in Tables 3 and 4.

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

Table 11

### RACIAL COMPOSITION OF THE POPULATION IN THE REGION BY COUNTY: 2010

County	Population with One Race Reported									
	White		Black or African American		American Indian and Alaska Native		Asian		Native Hawaiian and Other Pacific Islander	
	Number	Percent of County Total Population	Number	Percent of County Total Population	Number	Percent of County Total Population	Number	Percent of County Total Population	Number	Percent of County Total Population
Kenosha .....	139,416	83.8	11,052	6.6	814	0.5	2,393	1.4	89	0.1
Milwaukee.....	574,656	60.6	253,764	26.8	6,808	0.7	32,422	3.4	363	<0.1
Ozaukee .....	82,010	94.9	1,177	1.4	208	0.2	1,509	1.7	20	<0.1
Racine .....	155,731	79.7	21,767	11.1	781	0.4	2,121	1.1	53	<0.1
Walworth.....	93,935	91.9	980	1.0	308	0.3	845	0.8	43	<0.1
Washington.....	126,317	95.8	1,155	0.9	401	0.3	1,415	1.1	30	<0.1
Waukesha.....	363,963	93.3	4,914	1.3	1,066	0.3	10,721	2.7	131	<0.1
Region	1,536,028	76.0	294,809	14.6	10,386	0.5	51,426	2.6	729	<0.1

County	Population with One Race Reported (continued)				Population with More Than One Race Reported		Total Population	
	Some Other Race		One Race Subtotal					
	Number	Percent of County Total Population	Number	Percent of County Total Population	Number	Percent of County Total Population	Number	Percent of County Total Population
Kenosha .....	7,880	4.7	161,644	97.1	4,782	2.9	166,426	100.0
Milwaukee.....	51,429	5.4	919,442	97.0	28,293	3.0	947,735	100.0
Ozaukee .....	483	0.6	85,407	98.9	988	1.1	86,395	100.0
Racine .....	10,046	5.1	190,499	97.5	4,909	2.5	195,408	100.0
Walworth.....	4,604	4.5	100,715	98.5	1,513	1.5	102,228	100.0
Washington.....	1,052	0.8	130,370	98.8	1,517	1.2	131,887	100.0
Waukesha.....	4,041	1.0	384,836	98.7	5,055	1.3	389,891	100.0
Region	79,535	3.9	1,972,913	97.7	47,057	2.3	2,019,970	100.0

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

Table 12

### RELATIVE DISTRIBUTION OF SELECTED RACIAL GROUPS BY COUNTY IN THE REGION: 2010

County	Population With One Race Reported (Percent of Region Total)						Population with More Than One Race Reported (Percent of Region Total)	Total Population (Percent of Region Total)
	White	Black or African American	American Indian and Alaska Native	Asian	Native Hawaiian and Other Pacific Islander	Some Other Race		
Kenosha .....	9.1	3.7	7.8	4.7	12.2	9.9	10.2	8.2
Milwaukee .....	37.4	86.1	65.5	63.0	49.8	64.7	60.1	46.9
Ozaukee .....	5.3	0.4	2.0	2.9	2.7	0.6	2.1	4.3
Racine .....	10.2	7.4	7.5	4.1	7.3	12.6	10.4	9.7
Walworth .....	6.1	0.3	3.0	1.6	5.9	5.8	3.2	5.1
Washington .....	8.2	0.4	3.9	2.8	4.1	1.3	3.2	6.5
Waukesha .....	23.7	1.7	10.3	20.9	18.0	5.1	10.8	19.3
Region	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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

Table 13

**HISPANIC POPULATION IN THE REGION BY COUNTY: 1980-2010**

County	Hispanic Population: 1980		Hispanic Population: 1990		Hispanic Population: 2000		Hispanic Population: 2010	
	Number	Percent of County Total Population	Number	Percent of County Total Population	Number	Percent of County Total Population	Number	Percent of County Total Population
Kenosha.....	3,578	2.9	5,580	4.4	10,757	7.2	19,592	11.8
Milwaukee.....	29,343	3.0	44,671	4.7	82,406	8.8	126,039	13.3
Ozaukee .....	530	0.8	517	0.7	1,073	1.3	1,956	2.3
Racine.....	7,201	4.2	9,034	5.2	14,990	7.9	22,546	11.5
Walworth.....	1,330	1.9	2,017	2.7	6,136	6.5	10,578	10.3
Washington.....	472	0.6	670	0.7	1,529	1.3	3,385	2.6
Waukesha.....	3,998	1.4	5,448	1.8	9,503	2.6	16,123	4.1
Region	46,452	2.6	67,937	3.8	126,394	6.5	200,219	9.9

County	Change: 1980-1990		Change: 1990-2000		Change: 2000-2010	
	Number	Percent	Number	Percent	Number	Percent
Kenosha.....	2,002	56.0	5,177	92.8	8,835	82.1
Milwaukee.....	15,328	52.2	37,735	84.5	43,633	52.9
Ozaukee .....	-13	-2.5	556	107.5	883	82.3
Racine.....	1,833	25.5	5,956	65.9	7,556	50.4
Walworth.....	687	51.7	4,119	204.2	4,442	72.4
Washington.....	198	41.9	859	128.2	1,856	121.4
Waukesha.....	1,450	36.3	4,055	74.4	6,620	69.7
Region	21,485	46.3	58,457	86.0	73,825	58.4

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

and Racine Counties, the increase in the minority population between 2000 and 2010 was accompanied by a decrease in the non-Hispanic White population. In Kenosha, Ozaukee, Walworth, and Waukesha Counties, the increase in the minority population between 2000 and 2010 exceeded the increase in the non-Hispanic White population. Despite these changes, Milwaukee County continues to account for nearly three fourths of the minority population in the Region (see Figure 6).

## HOUSEHOLDS

### Number and Size of Households

In addition to total population, the number of households, or occupied housing units, is of importance in land use planning and public facility planning insofar as it greatly influences the demand for urban land as well as the demand for transportation and other public facilities and services. A household includes all persons who occupy a housing unit—defined by the Census Bureau as a house, apartment, a mobile home, a group of rooms, or a single

Table 14

## MINORITY POPULATION AND NON-HISPANIC WHITE POPULATION IN THE REGION BY COUNTY: 2000 AND 2010

County	2000 Population					
	Non-Hispanic White Alone		Minority <sup>a</sup>		Total	
	Number	Percent of Total County Population	Number	Percent of Total County Population	Number	Percent of Total County Population
Kenosha .....	127,287	85.1	22,290	14.9	149,577	100.0
Milwaukee .....	583,481	62.1	356,683	37.9	940,164	100.0
Ozaukee .....	78,894	95.8	3,423	4.2	82,317	100.0
Racine .....	150,238	79.6	38,593	20.4	188,831	100.0
Walworth .....	85,428	91.1	8,331	8.9	93,759	100.0
Washington .....	113,870	96.9	3,623	3.1	117,493	100.0
Waukesha .....	339,905	94.2	20,862	5.8	360,767	100.0
Region	1,479,103	76.5	453,805	23.5	1,932,908	100.0

County	2010 Population					
	Non-Hispanic White Alone		Minority <sup>a</sup>		Total	
	Number	Percent of Total County Population	Number	Percent of Total County Population	Number	Percent of Total County Population
Kenosha .....	129,892	78.0	36,534	22.0	166,426	100.0
Milwaukee .....	514,958	54.3	432,777	45.7	947,735	100.0
Ozaukee .....	80,689	93.4	5,706	6.6	86,395	100.0
Racine .....	145,414	74.4	49,994	25.6	195,408	100.0
Walworth .....	88,690	86.8	13,538	13.2	102,228	100.0
Washington .....	124,348	94.3	7,539	5.7	131,887	100.0
Waukesha .....	353,114	90.6	36,777	9.4	389,891	100.0
Region	1,437,105	71.1	582,865	28.9	2,019,970	100.0

County	Change in Population: 2000-2010					
	Non-Hispanic White Alone		Minority <sup>a</sup>		Total	
	Number	Percent	Number	Percent	Number	Percent
Kenosha .....	2,605	2.0	14,244	63.9	16,849	11.3
Milwaukee .....	-68,523	-11.7	76,094	21.3	7,571	0.8
Ozaukee .....	1,795	2.3	2,283	66.7	4,078	5.0
Racine .....	-4,824	-3.2	11,401	29.5	6,577	3.5
Walworth .....	3,262	3.8	5,207	62.5	8,469	9.0
Washington .....	10,478	9.2	3,916	108.1	14,394	12.3
Waukesha .....	13,209	3.9	15,915	76.3	29,124	8.1
Region	-41,998	-2.8	129,060	28.4	87,062	4.5

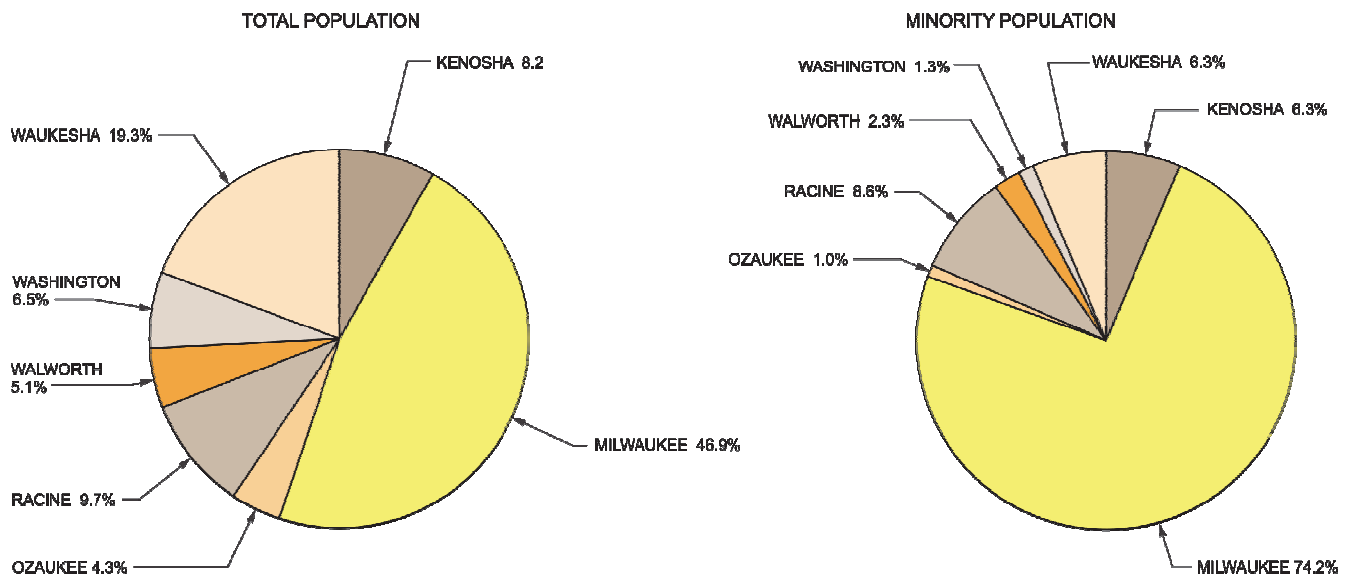
NOTE: The total population by race and Hispanic origin for 2000 reported by the Census Bureau as indicated on this table differs slightly from the Census Bureau total population count presented in Tables 3 and 4.

<sup>a</sup>The minority population includes persons reported in the census as being of Hispanic origin and/or reporting their race as Black or African American, American Indian/Alaska Native, Asian, Native Hawaiian/Pacific Islander, some other race, or more than one race.

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

Figure 6

SHARE OF TOTAL AND MINORITY POPULATION BY COUNTY: 2010



NOTE: The minority population includes persons reported in the census as being of Hispanic origin and/or reporting their race as Black or African American, American Indian/Alaska Native, Asian, Native Hawaiian/Pacific Islander, some other race, or more than one race.

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

room that is occupied, or intended for occupancy, as a separate living quarters.<sup>3</sup> Persons not living in households are classified by the Census Bureau as living in group quarters, such as correctional facilities, college dormitories, and military quarters. The population in households accounts for the vast majority of the total population, comprising 97.8 percent of the total regional population in 2010. Persons residing in group quarters comprised 2.2 percent of the total population (see Table 15). This proportional relationship has been stable over the past several decades.

As indicated in Table 16, the number of households in the Region stood at 800,100 in 2010, an increase of 51,000, or 6.8 percent, over 2000. Between 2000 and 2010, each county in the Region experienced an increase in the number of households, led by Waukesha County, which gained 17,400 households, an increase of 12.9 percent.

In relative terms, the rate of growth in households in the Region between 2000 and 2010, 6.8 percent, slightly exceeded the rate of growth in the total population, 4.6 percent. Households in the Region have increased at a faster rate than the regional population for each decade going back to at least 1950. Overall since 1950, the number of households in the Region increased by about 126 percent, while the total population increased by about 63 percent. Underlying these trends is a long-term decrease in household size in the Region.

<sup>3</sup>Separate living quarters are defined as those in which the occupants live separately from any other persons in the building and which have direct access from the outside of the building or through a common hall.

Table 15

## HOUSEHOLD POPULATION AND GROUP QUARTERS POPULATION IN THE REGION BY COUNTY: 2010

County	Population in Households		Population in Group Quarters		Total Population	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
Kenosha.....	161,825	97.2	4,601	2.8	166,426	100.0
Milwaukee.....	923,245	97.4	24,490	2.6	947,735	100.0
Ozaukee .....	84,591	97.9	1,804	2.1	86,395	100.0
Racine.....	190,413	97.4	4,995	2.6	195,408	100.0
Walworth.....	99,519	97.4	2,709	2.6	102,228	100.0
Washington.....	130,744	99.1	1,143	0.9	131,887	100.0
Waukesha.....	384,241	98.6	5,650	1.4	389,891	100.0
Region	1,974,578	97.8	45,392	2.2	2,019,970	100.0

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

For the Region overall, the average household size—calculated as the household population divided by the number of households—was 2.47 persons in 2010 (see Table 17 and Figure 7). Between 2000 and 2010, the average household size in the Region decreased slightly, by about 0.05 person per household, or about 2 percent. The trend of decreasing household size goes back to at least 1950, when the average household size in the Region was 3.36 persons, with a dramatic decrease in household size occurring during the 1970s. The reduction in household size has been smaller for each succeeding decade since the 1970s.

### Household Type

Of the 800,100 households in the Region in 2010, 510,700, or 63.8 percent, were identified in the census as “family” households. The balance, 289,400, or 36.2 percent, were identified as “nonfamily” households (see Table 18). The latter generally includes one-person households as well as households comprised of unrelated persons living in the same housing unit.<sup>4</sup>

Between 2000 and 2010, nonfamily households in the Region increased more rapidly than family households, in both absolute and percentage terms. This represents a continuation of a trend that goes back to at least 1970. Single-person households have accounted for much of the long-term increase in nonfamily households. By 2010, single-person households comprised about 29.1 percent of all households in the Region.

Of the total of 232,800 single-person households in the Region in 2010, about 34 percent consisted of elderly persons 65 years of age and over—about the same percentage as in 2000 and somewhat lower than in 1990 (see Table 19). About 31 percent of the Region’s population age 65 and over lived alone, as single-person households, in 2010.

<sup>4</sup>The Census Bureau categorizes households as family or non-family based upon the status of the “householder.” In the census, one person in each household is designated as the householder. In most cases, this is the person, or one of the people, in whose name the home is owned, being bought, or rented. If there is no such person, any adult member of the household could be designated the householder. Family households are those in which there are one or more persons related to the householder by birth, marriage, or adoption. Non-family households are those in which the householder lives alone and those households which do not have any members that are related to the householder.

Table 16

## HOUSEHOLDS IN THE REGION BY COUNTY: 1950-2010

Year	Kenosha County Households				Milwaukee County Households			
	Number	Change from Preceding Census		Percent of Region Total	Number	Change from Preceding Census		Percent of Region Total
		Absolute	Percent			Absolute	Percent	
1950	21,958	--	--	6.2	249,232	--	--	70.3
1960	29,545	7,587	34.6	6.3	314,875	65,643	26.3	67.6
1970	35,468	5,923	20.0	6.6	338,605	23,730	7.5	63.1
1980	43,064	7,596	21.4	6.9	363,653	25,048	7.4	57.9
1990	47,029	3,965	9.2	6.9	373,048	9,395	2.6	55.2
2000	56,057	9,028	19.2	7.5	377,729	4,681	1.3	50.4
2010	62,650	6,593	11.8	7.8	383,591	5,862	1.6	47.9

Year	Ozaukee County Households				Racine County Households			
	Number	Change from Preceding Census		Percent of Region Total	Number	Change from Preceding Census		Percent of Region Total
		Absolute	Percent			Absolute	Percent	
1950	6,591	--	--	1.9	31,399	--	--	8.8
1960	10,417	3,826	58.0	2.3	40,736	9,337	29.7	8.7
1970	14,753	4,336	41.6	2.7	49,796	9,060	22.2	9.3
1980	21,763	7,010	47.5	3.5	59,418	9,622	19.3	9.5
1990	25,707	3,944	18.1	3.8	63,736	4,318	7.3	9.4
2000	30,857	5,150	20.0	4.0	70,819	7,083	11.1	9.5
2010	34,228	3,371	10.9	4.3	75,651	4,832	6.8	9.5

Year	Walworth County Households				Washington County Households			
	Number	Change from Preceding Census		Percent of Region Total	Number	Change from Preceding Census		Percent of Region Total
		Absolute	Percent			Absolute	Percent	
1950	12,369	--	--	3.5	9,396	--	--	2.6
1960	15,414	3,045	24.6	3.3	12,532	3,136	33.4	2.7
1970	18,544	3,130	20.3	3.5	17,385	4,853	38.7	3.3
1980	24,789	6,245	33.7	3.8	26,716	9,331	53.7	4.3
1990	27,620	2,831	11.4	4.1	32,977	6,261	23.4	4.9
2000	34,505	6,885	24.9	4.6	43,843	10,866	33.0	5.9
2010	39,699	5,194	15.1	5.0	51,605	7,762	17.7	6.4

Year	Waukesha County Households				Region Households			
	Number	Change from Preceding Census		Percent of Region Total	Number	Change from Preceding Census		Percent of Region Total
		Absolute	Percent			Absolute	Percent	
1950	23,599	--	--	6.7	354,544	--	--	100.0
1960	42,394	18,795	79.6	9.1	465,913	111,369	31.4	100.0
1970	61,935	19,541	46.1	11.5	536,486	70,573	15.1	100.0
1980	88,552	26,617	43.0	14.1	627,955	91,469	17.0	100.0
1990	105,990	17,438	19.7	15.7	676,107	48,152	7.7	100.0
2000	135,229	29,239	27.6	18.1	749,039	72,932	10.8	100.0
2010	152,663	17,434	12.9	19.1	800,087	51,048	6.8	100.0

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



## SUMMARY

This chapter has presented information on existing population and household levels in the Region and information on the characteristics of the Region's population and households, along with related historic trend information. The data in this chapter was drawn from the year 2010 Federal census and prior Federal censuses. A summary of key information presented in this chapter follows.

### Population Size and Distribution

- The resident population of the Region was 2,020,000 persons in 2010, compared to 1,931,200 in 2000. The increase of 88,800 persons, or 4.6 percent, in the regional population between 2000 and 2010 is substantially greater than the increases experienced during the 1970s (8,700 persons) and 1980s (45,600 persons)—but less than the increase of 120,800 persons experienced during the 1990s.
- In relative terms, the Region's population grew at a somewhat slower rate than that of both the State and the nation between 2000 and 2010. As a result, the Region's share of Wisconsin's population decreased slightly, from 36.0 percent to 35.5 percent, with the Region's share of the national population also declining. The Region's share of the State and national population has been gradually decreasing since 1960.
- Each of the seven counties in the Region gained population between 2000 and 2010. Milwaukee County's increase of about 7,600 persons, or 0.8 percent, represents the County's first 10-year increase in population since the 1960s. Among the other six counties in the Region, the relative increase in population ranged from 3.5 percent in Racine County to 12.2 percent in Washington County.
- Milwaukee County's share of the regional population decreased from 48.7 percent in 2000 to 46.9 percent in 2010, while the share of each of the other six counties remained about the same or increased slightly. Going back to 1950, the most notable change in the distribution of population within the Region has been the increase in Waukesha County's share, from 6.9 percent to 19.3 percent of the regional population, and the decrease in Milwaukee County's share, from 70.2 percent to 46.9 percent.

### Population Characteristics

- Growth in the regional population has been accompanied by change in the age composition. Among five-year age groups, growth over the past 10 years in the Region is most evident in the 50-to-54-year, the 55-to-59-year, and the 60-to-64-year age groups, largely reflecting the aging of "baby-boomers" (those born from 1946 through 1964). Conversely, the largest decreases in population between 2000 and 2010 occurred in the 35-to-39-year and 40-to-44-year age groups, a reflection of baby boomers moving out of those age groups coupled with the smaller number of people born in the late 1960s and early 1970s moving into those age groups. The median age of the regional population was 37.0 years in 2010. The regional median age has increased steadily—by almost 10 years—since 1970, when the median age was 27.6 years.
- Males comprised 48.9 percent of the total regional population in 2010, while females comprised 51.1 percent. Males slightly outnumber females through early childhood and young adulthood. Differences in the gender makeup are most evident in the older age groups. Females comprised about 56 percent of the population age 60 years and over in the Region and about 65 percent of the population age 80 years and over.
- Respondents to the Federal census are given the opportunity to specify more than one race when responding to questions on racial identity. The vast majority of the Region's population (97.7 percent) reported only one race in the 2010 census. This includes 76.0 percent reporting White; 14.6 percent reporting Black or African American; 0.5 percent reporting American Indian or Alaska Native; 2.6 percent reporting Asian; less than 0.1 percent reporting Native Hawaiian or Other Pacific Islander; and 3.9 percent reporting some other race. About 2.3 percent of the regional population reported being of more than one race.

Table 17

**HOUSEHOLDS, HOUSEHOLD POPULATION, AND  
AVERAGE HOUSEHOLD SIZE IN THE REGION BY COUNTY: 1950-2010**

County	Data Item	1950	1960	1970	1980	1990	2000	2010
Kenosha	Households .....	21,958	29,545	35,468	43,064	47,029	56,057	62,650
	Household Population .....	73,707	99,381	115,710	120,460	125,577	145,553	161,825
	Average Household Size .....	3.36	3.36	3.26	2.80	2.67	2.60	2.58
Milwaukee	Households .....	249,232	314,875	338,605	363,653	373,048	377,729	383,591
	Household Population .....	831,324	1,010,342	1,029,104	940,172	933,426	916,054	923,245
	Average Household Size .....	3.34	3.21	3.04	2.59	2.50	2.43	2.41
Ozaukee	Households .....	6,591	10,417	14,753	21,763	25,707	30,857	34,228
	Household Population .....	23,122	38,012	53,951	66,211	71,732	80,558	84,591
	Average Household Size .....	3.51	3.65	3.66	3.04	2.79	2.61	2.47
Racine	Households .....	31,399	40,736	49,796	59,418	63,736	70,819	75,651
	Household Population .....	105,761	138,238	166,977	170,189	172,209	183,360	190,413
	Average Household Size .....	3.37	3.39	3.35	2.86	2.70	2.59	2.52
Walworth	Households .....	12,369	15,414	18,544	24,789	27,620	34,505	39,699
	Household Population .....	40,183	50,532	58,534	67,973	71,761	88,563	99,519
	Average Household Size .....	3.25	3.28	3.16	2.74	2.60	2.57	2.51
Washington	Households .....	9,396	12,532	17,385	26,716	32,977	43,843	51,605
	Household Population .....	33,378	45,585	63,135	83,946	94,271	116,198	130,744
	Average Household Size .....	3.55	3.64	3.63	3.14	2.86	2.65	2.53
Waukesha	Households .....	23,599	42,394	61,935	88,552	105,990	135,229	152,663
	Household Population .....	82,718	155,145	226,789	275,616	300,144	355,014	384,241
	Average Household Size .....	3.51	3.66	3.66	3.11	2.83	2.63	2.52
Region	Households .....	354,544	465,913	536,486	627,955	676,107	749,039	800,087
	Household Population .....	1,190,193	1,537,235	1,714,200	1,724,567	1,769,120	1,885,300	1,974,578
	Average Household Size .....	3.36	3.30	3.20	2.75	2.62	2.52	2.47

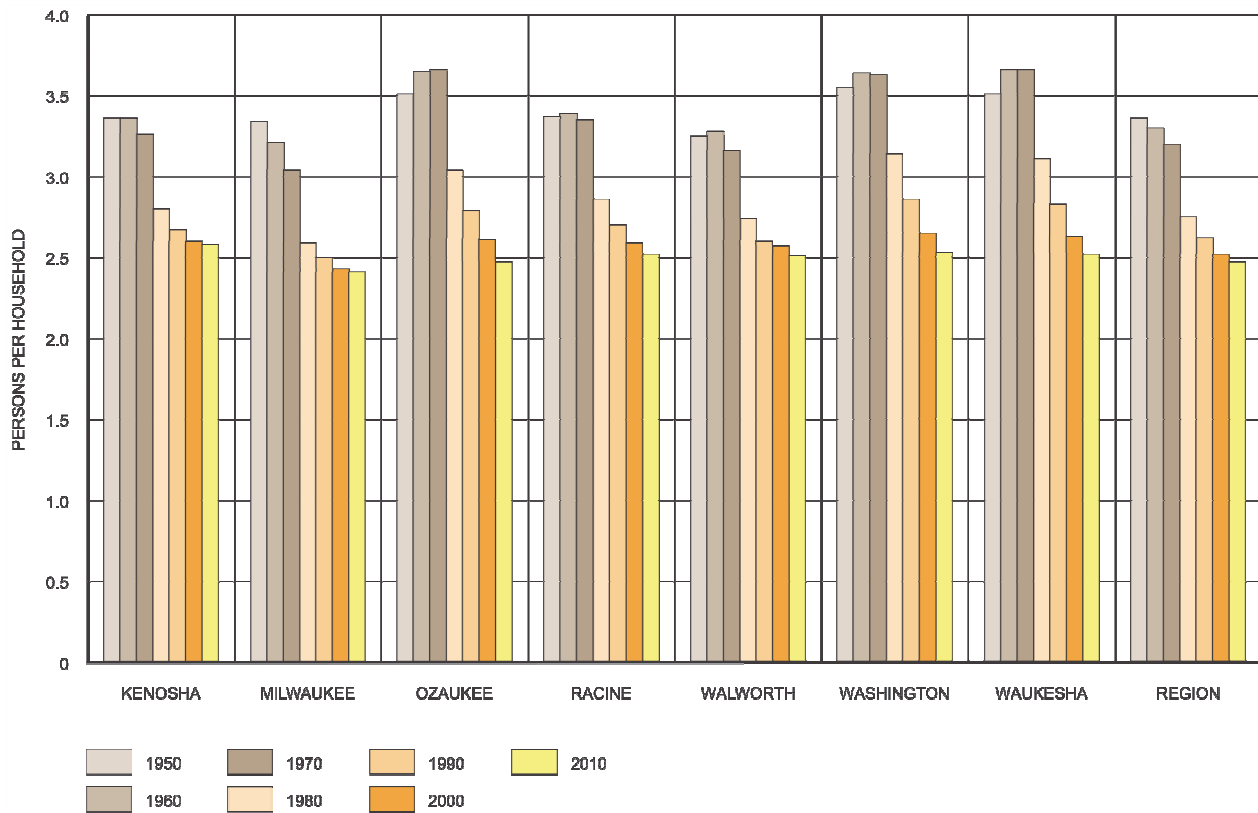
Source: U.S. Bureau of the Census and SEWRPC.

- The Federal census includes questions on Hispanic origin independent of questions on race. About 200,200 persons in the Region, or 9.9 percent of the Region's population, were reported to be of Hispanic origin in the 2010 census. The Hispanic population in the Region increased by about 73,800 persons, or by 58.4 percent, between 2000 and 2010, far exceeding the rate of increase in the overall population of the Region (4.6 percent). Combined with a 46 percent increase during the 1980s and 86 percent during the 1990s, the Region's Hispanic population more than quadrupled during the past three decades.
- The minority population of the Region—identified on the basis of Hispanic origin and race<sup>5</sup>—was about 582,900 persons in 2010, representing 28.9 percent of the total regional population. The minority population of the Region increased by about 129,100 persons, or 28.4 percent, between 2000 and 2010. Conversely, the non-Hispanic White population decreased by 42,000 persons, or 2.8 percent. As a result, the minority population's share of the total regional population increased from 23.5 percent in 2000 to 28.9 percent in 2010.

<sup>5</sup>The minority population includes persons reported in the census as being of Hispanic origin and/or reporting their race as Black or African American, American Indian/Alaska Native, Asian, Native Hawaiian/Pacific Islander, some other race, or more than one race.

Figure 7

AVERAGE HOUSEHOLD SIZE IN THE REGION BY COUNTY: 1950-2010



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

- Each county in the Region experienced an increase in its minority population between 2000 and 2010. In absolute terms, the largest minority population increase by far—76,100 persons—occurred in Milwaukee County. In both Milwaukee and Racine Counties, the increase in the minority population between 2000 and 2010 was accompanied by a decrease in the non-Hispanic White population. In Kenosha, Ozaukee, Walworth, and Waukesha Counties, the increase in the minority population between 2000 and 2010 exceeded the increase in the non-Hispanic White population. Milwaukee County continues to account for nearly three fourths of the minority population in the Region.

### Number of Households and Household Characteristics

- The number of households in the Region stood at 800,100 in 2010, an increase of 51,000, or 6.8 percent, over 2000. Between 2000 and 2010, each county in the Region experienced an increase in the number of households, led by Waukesha County, which gained 17,400 households, an increase of 12.9 percent.
- In relative terms, the rate of growth in households in the Region between 2000 and 2010, 6.8 percent, slightly exceeded the rate of growth in the total population, 4.6 percent. Households in the Region have increased at a faster rate than the regional population for each decade going back to at least 1950. Overall since 1950, the number of households in the Region has increased by about 126 percent, while the total population has increased by about 63 percent.
- For the Region overall, the average household size was 2.47 persons in 2010. Between 2000 and 2010, the average household size in the Region decreased slightly, by about 0.05 person per household, or about 2 percent. The trend of decreasing household size goes back to at least 1950, when the average household size in the Region was 3.36 persons, with a dramatic decrease in average size occurring during the 1970s.

Table 18

## HOUSEHOLDS BY TYPE IN THE REGION: 1970-2010

Household Type	Households: 1970		Households: 1980		Households: 1990		Households: 2000		Households: 2010	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
Family Households.....	431,003	80.3	454,705	72.4	469,674	69.5	492,902	65.8	510,678	63.8
Nonfamily Households										
Single Person .....	93,102	17.4	146,477	23.3	168,759	25.0	208,546	27.8	232,818	29.1
Other Nonfamily .....	12,381	2.3	26,773	4.3	37,674	5.5	47,607	6.4	56,591	7.1
Subtotal	105,483	19.7	173,250	27.6	206,433	30.5	256,153	34.2	289,409	36.2
Total Households	536,486	100.0	627,955	100.0	676,107	100.0	749,055	100.0	800,087	100.0

Household Type	Change: 1970-1980		Change: 1980-1990		Change: 1990-2000		Change: 2000-2010	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Family Households.....	23,702	5.5	14,969	3.3	23,228	4.9	17,776	3.6
Nonfamily Households								
Single Person .....	53,375	57.3	22,282	15.2	39,787	23.6	24,272	11.6
Other Nonfamily .....	14,392	116.2	10,901	40.7	9,933	26.4	8,984	18.9
Subtotal	67,767	64.2	33,183	19.2	49,720	24.1	33,256	13.0
Total Households	91,469	17.0	48,152	7.7	72,948	10.8	51,032	6.8

NOTE: The total number of households by type for 2000 reported by the Census Bureau as indicated on this table differs slightly from the Census Bureau count of total households presented in Tables 16 and 17.

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

Table 19

## SINGLE-PERSON HOUSEHOLDS BY AGE IN THE REGION: 1990, 2000, AND 2010

Age of Householder	1990		2000		2010		Change: 1990-2000		Change: 2000-2010	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent	Number	Percent
Under 65 years .....	102,069	60.5	136,465	65.4	153,133	65.8	34,396	33.7	16,668	12.2
65 Years and over.....	66,690	39.5	72,081	34.6	79,685	34.2	5,391	8.1	7,604	10.5
Total	168,759	100.0	208,546	100.0	232,818	100.0	39,787	23.6	24,272	11.6

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

- Of the 800,100 households in the Region in 2010, 510,700, or 63.8 percent, were identified in the census as “family” households. The balance, 289,400, or 36.2 percent, were identified as “nonfamily” households. The latter generally includes single-person households as well as households comprised of unrelated persons living in the same housing unit.
- Between 2000 and 2010, nonfamily households in the Region increased more rapidly than family households, in both absolute and percentage terms. This represents a continuation of a trend that goes back to at least 1970, when family households and nonfamily households comprised 80.3 percent and 19.7 percent, respectively, of all households in the Region. Single-person households account for much of the long-term increase in nonfamily households in the Region. By 2010, there were 232,800 single-person households, comprising about 29.1 percent of all households in the Region. About one-third of the single-person households in the Region consisted of elderly persons 65 years of age and over.

## **Chapter III**

# **COMPONENTS OF POPULATION CHANGE**

## **INTRODUCTION**

The population of an area such as the Southeastern Wisconsin Region is constantly changing with the occurrence of births and deaths and with the inflow and outflow of persons migrating from one area to another. Population increases result from births and in-migration of persons; population decreases result from deaths and out-migration of persons. The balance between births and deaths is termed “natural increase” and the balance between in-migration and out-migration is termed “net migration.” Information on past trends in natural increase and net migration provides insight into the causal factors underlying the historic population changes described in the previous chapter of this report. In addition, such information provides part of the basis upon which projections of future population levels may be made.

This chapter, then, examines the levels and rates of natural increase and migration which underlie the changes in the population of the Region described in the previous chapter. The first section of this chapter describes overall trends in natural increase and net migration in the Region. The second section analyzes the basic components of natural increase—namely, births and deaths—in greater detail. The third section examines population migration in greater detail.

## **COMPONENTS OF POPULATION CHANGE—OVERVIEW**

As noted above, population change can be attributed to natural increase and net migration. Natural increase is the balance between births and deaths in an area over a given period of time; it can be measured directly from historical records on the number of births and deaths for an area. Net migration is the balance between migration into and migration out of an area over a given period of time; as a practical matter, net migration is often determined as a derived number, obtained by subtracting natural increase from total population change for the time period concerned.

The historic trend in natural increase and net migration is presented for the Region and its counties in Table 20 and Figures 8 and 9. Information presented here on total population change is from the decennial censuses; information on natural increase is from records of births and deaths maintained by the Wisconsin Department of Health Services; and information on net migration is derived, as noted above.

The population of the Region increased from 1,931,200 in 2000 to 2,020,000 in 2010. The overall population increase of 88,800 persons in the Region during this time was the result of a natural increase of about 109,200 and a net out-migration of about 20,400. Over the past four decades, the level of natural increase in the Region has

Table 20

**LEVELS OF POPULATION CHANGE, NATURAL INCREASE,  
AND NET MIGRATION FOR THE REGION BY COUNTY: 1920-2010**

County	1920-1930			1930-1940			1940-1950		
	Population Change	Natural Increase	Net Migration	Population Change	Natural Increase	Net Migration	Population Change	Natural Increase	Net Migration
Kenosha.....	11,993	7,571	4,422	228	4,391	-4,163	11,733	8,090	3,643
Milwaukee.....	185,814	61,736	124,078	41,622	49,309	-7,687	104,162	84,690	19,472
Ozaukee .....	1,059	1,435	-376	1,591	230	1,361	4,376	2,567	1,809
Racine.....	11,256	8,867	2,389	3,830	5,725	-1,895	15,538	11,351	4,187
Walworth.....	1,731	1,005	726	2,045	2	2,043	8,481	2,349	6,132
Washington.....	838	2,148	-1,310	1,879	1,756	123	5,472	3,656	1,816
Waukesha.....	9,746	2,651	7,095	10,386	2,145	8,241	23,157	8,424	14,733
Region	222,437	85,413	137,024	61,581	63,558	-1,977	172,919	121,127	51,792

County	1950-1960			1960-1970			1970-1980		
	Population Change	Natural Increase	Net Migration	Population Change	Natural Increase	Net Migration	Population Change	Natural Increase	Net Migration
Kenosha.....	25,377	13,931	11,446	17,302	15,125	2,177	5,220	7,746	-2,526
Milwaukee.....	164,994	150,141	14,853	18,208	122,192	-103,984	-89,261	60,105	-149,366
Ozaukee .....	15,080	5,926	9,154	16,020	6,090	9,930	12,520	4,798	7,722
Racine.....	32,196	21,473	10,723	29,057	20,441	8,616	2,294	12,842	-10,548
Walworth.....	10,784	5,733	5,051	11,076	4,685	6,391	8,063	2,451	5,612
Washington.....	12,217	7,501	4,716	17,720	8,122	9,598	21,009	7,163	13,846
Waukesha.....	72,348	19,746	52,602	73,086	25,699	47,387	48,868	18,011	30,857
Region	332,996	224,451	108,545	182,469	202,354	-19,885	8,713	113,116	-104,403

County	1980-1990			1990-2000			2000-2010		
	Population Change	Natural Increase	Net Migration	Population Change	Natural Increase	Net Migration	Population Change	Natural Increase	Net Migration
Kenosha.....	5,044	8,177	-3,133	21,396	9,365	12,031	16,849	9,028	7,821
Milwaukee.....	-5,713	69,529	-75,242	-19,111	64,145	-83,256	7,571	64,589	-57,018
Ozaukee .....	5,850	5,141	709	9,486	3,916	5,570	4,078	2,156	1,922
Racine.....	1,902	13,720	-11,818	13,797	11,127	2,670	6,577	10,463	-3,886
Walworth.....	3,493	2,939	554	17,013	2,592	14,421	10,215	3,508	6,707
Washington.....	10,480	7,756	2,724	22,168	7,159	15,009	14,391	6,195	8,196
Waukesha.....	24,512	20,068	4,444	56,052	18,582	37,470	29,124	13,302	15,822
Region	45,568	127,330	-81,762	120,801	116,886	3,915	88,805	109,241	-20,436

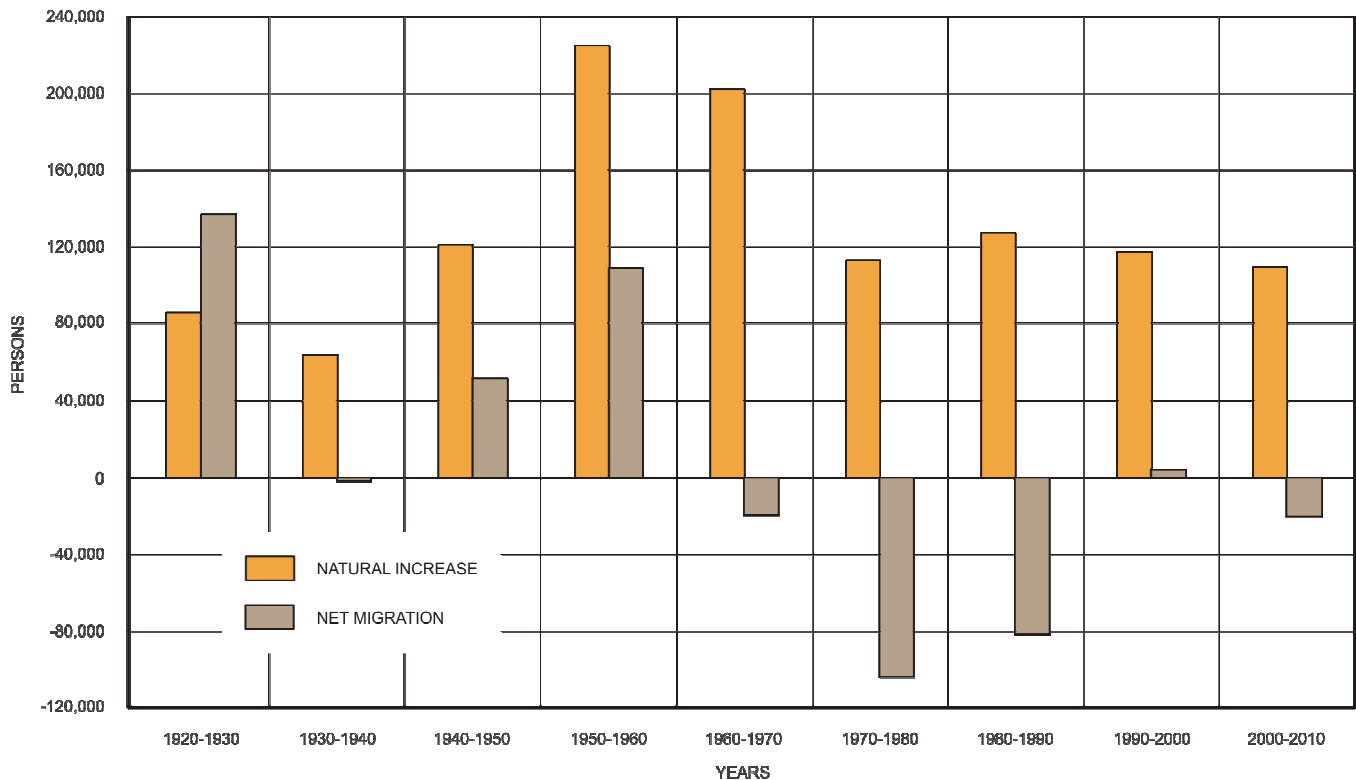
Source: U.S. Bureau of the Census, Wisconsin Department of Health Services, and SEWRPC.

been relatively stable, averaging about 116,600 per decade. This is significantly lower than levels of natural increase of more than 200,000 observed during the 1950s and 1960s, which include much of the post-World War II baby-boom era (See Figure 8).

In contrast to the relative stability in natural increase over the past four decades, net migration for the Region has varied considerably. The net out-migration of 20,400 persons during the 2000s follows a net in-migration of 3,900 persons during the 1990s, a net out-migration of 81,800 persons during the 1980s, and a net out-migration of 104,400 persons during the 1970s.

Figure 8

**COMPONENTS OF POPULATION CHANGE IN THE REGION: 1920-2010**



Source: U.S. Bureau of the Census, Wisconsin Department of Health Services, and SEWRPC.

The above-described trends in natural increase and net migration provide insight into the overall change in the Region's population. The next two sections of this chapter examine these components of population change in greater detail.

## NATURAL INCREASE

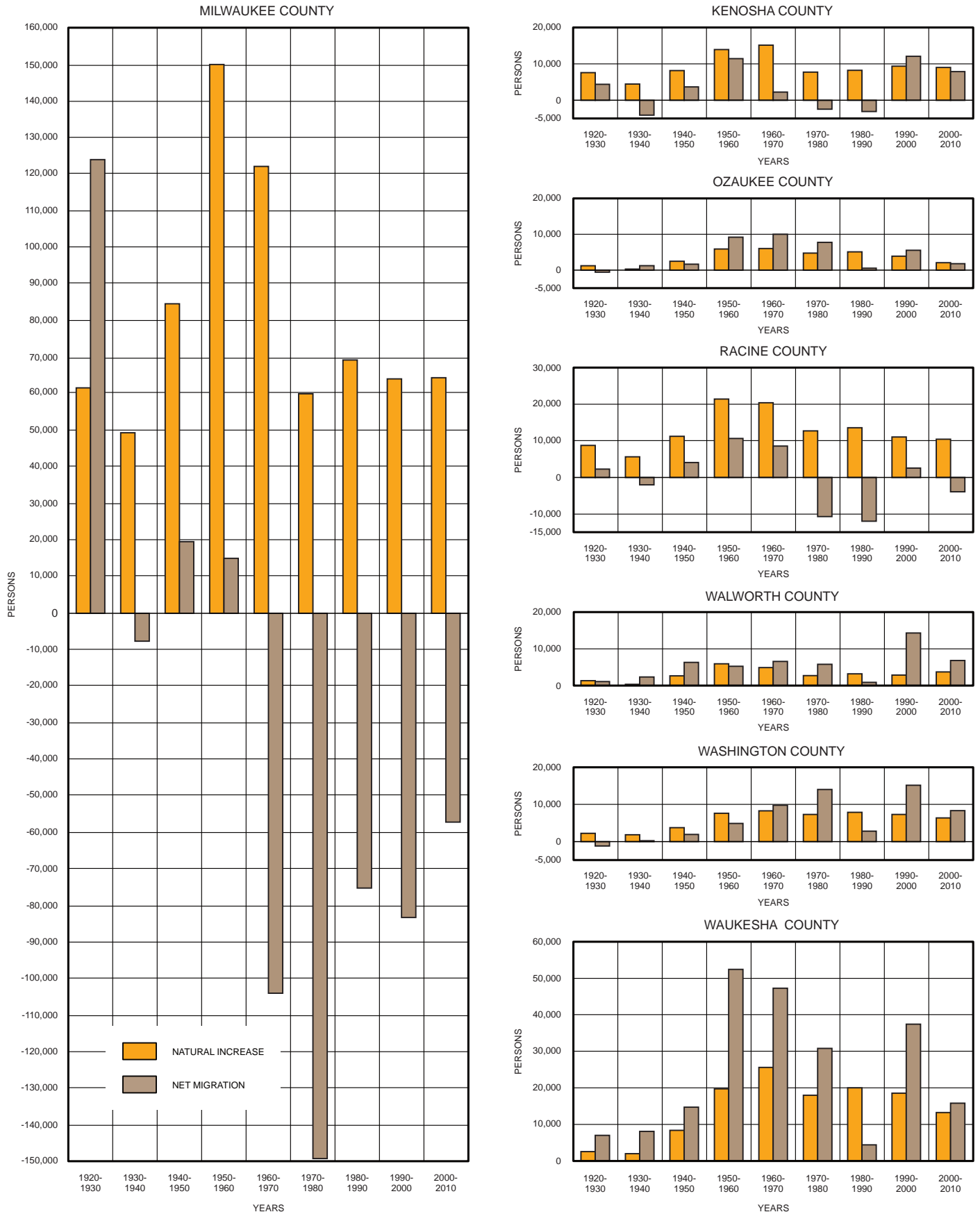
As noted above, natural increase is the balance between births and deaths in an area over a given period of time. Since 1920, the registration of births and deaths has been relatively complete in Wisconsin. Historic trends in births and deaths, and the resultant natural increase, are presented by decade for the period 1920 to 2010 for the Region and its counties in Table 21. Annual data on births, deaths, and natural increase for the Region are presented in Figure 10.

During the period from 1920 to 2010, the number of births in the Region reached a high in 1960, about 40,000 births annually. After 1960, the annual births in the Region decreased sharply, to a level of about 25,000 births per year in the early 1970s. Over the past four decades, the number of births per year has been relatively stable, averaging about 27,300 annually. The recent decrease in the number of births in 2009 and 2010 shown on Figure 10 coincides with the national economic downturn, which officially began in December 2007.

The number of deaths per year in the Region has risen very gradually throughout the period—from about 10,000 deaths per year in the 1920s to about 16,400 per year during the 2000s. Year-to-year fluctuations in the number of deaths have been relatively small. Historically, because of the relatively stable trend in the number of deaths in the Region, the trend in the natural increase component of population change has been very similar to the trend in births (see Figure 10).

Figure 9

COMPONENTS OF POPULATION CHANGE IN THE REGION BY COUNTY: 1920-2010



Source: U.S. Bureau of the Census, Wisconsin Department of Health Services, and SEWRPC.



The historic information on the number of births and deaths—and the attendant natural increase—described above provides insight into historic population trends in the Region. Additional insight is obtained through the calculation of birth rates and death rates. Age-specific birth rates (or “fertility rates”) for the female population and age-specific death rates (or “mortality rates”) for the general population are particularly useful in this respect. Trends in these rates for the Region are described below.

### **Fertility Rates**

One measure of fertility, referred to as the “age-specific fertility rate,” is defined as the number of births per year occurring to 1,000 women of a given age. It is typically calculated for five-year age groups for women between the ages of 15 and 44, since women between 15 and 44 include nearly all women who bear children. In accordance with generally accepted procedures, in the calculation of birth rates in this report, births to females under age 15 are included in the 15-to-19-year age group, while births to females age 45 and over are included in the 40-to-44-year age group.<sup>1</sup>

Age-specific fertility rates for the Region are presented in Table 22 and Figure 11. As indicated, the fertility rates for females age 24 and under in the Region decreased between 2000 and 2010. The fertility rates for females age 30 and over increased somewhat.

Another measure of fertility, referred to as the “total fertility rate,” may be calculated from the age-specific fertility rates. When fertility rates are based upon five-year age groups, as in this report, the total fertility rate is calculated as the sum of the age-specific fertility rates multiplied by a factor of five, reflecting the fact that a woman is in each age group for five years. The resulting total fertility rate is often expressed in terms of births per woman, rather than per 1,000 women. The total fertility rate indicates the number of children that a woman would bear if she were to complete her reproductive life at the age-specific fertility rates for a particular point in time. A total fertility rate of 2.1 is referred to as “replacement fertility” because, at this rate, the population is producing just enough births to sustain its size through natural increase alone.

Total fertility rates for the Region and its counties for the period from 1960 through 2010 are presented in Table 23 and Figure 12. The significant reduction in the total fertility rate between 1960 and 1980 reflects the previously described decrease in births in the Region during the 1960s and early 1970s. The total fertility rate for the Region has been relatively stable since 1990. Thus, the total fertility rate for the Region was 1.95 in 2010—slightly lower than the rates of 2.04 in 2000 and 1.98 in 1990. Among the counties in the Region, the total fertility rate in 2010 ranged from 1.76 in Walworth County to 2.16 in Racine County.

### **Mortality Rates**

Mortality rates, expressed as the number of deaths per 1,000 persons per year, are presented for four broad age groups of the Region’s population for the period 1960 to 2010 in Table 24 and Figure 13. The long-term trend in mortality rates for each of these age groups for males and females combined has been one of gradual decline. Historically, the male mortality rate exceeds the female rate for each age group.

County-level mortality rates for 2010 are presented by age and gender in Table 25. As indicated, for the population under 75 years of age, mortality rates were generally somewhat higher for Kenosha, Milwaukee, and Racine Counties than for the other counties in the Region.

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<sup>1</sup>In 2010, births to females under age 15 in the Region numbered 28, or 0.1 percent of all births; births to females age 45 and older numbered 56, or 0.2 percent of all births.

Table 21

## LIVE BIRTHS, DEATHS, AND NATURAL INCREASE FOR THE REGION BY COUNTY: 1920-2010

County	1920-1930			1930-1940			1940-1950		
	Births	Deaths	Natural Increase	Births	Deaths	Natural Increase	Births	Deaths	Natural Increase
Kenosha.....	12,433	4,862	7,571	9,508	5,117	4,391	14,203	6,113	8,090
Milwaukee.....	132,260	70,524	61,736	122,145	72,836	49,309	163,512	78,822	84,690
Ozaukee .....	3,005	1,570	1,435	2,127	1,897	230	4,525	1,958	2,567
Racine.....	17,272	8,405	8,867	14,539	8,814	5,725	20,905	9,554	11,351
Walworth.....	4,462	3,457	1,005	3,970	3,968	2	6,807	4,458	2,349
Washington.....	4,877	2,729	2,148	4,697	2,941	1,756	6,674	3,018	3,656
Waukesha.....	8,450	5,799	2,651	8,400	6,255	2,145	15,558	7,134	8,424
Region	182,759	97,346	85,413	165,386	101,828	63,558	232,184	111,057	121,127

County	1950-1960			1960-1970			1970-1980		
	Births	Deaths	Natural Increase	Births	Deaths	Natural Increase	Births	Deaths	Natural Increase
Kenosha.....	21,768	7,837	13,931	24,546	9,421	15,125	17,839	10,093	7,746
Milwaukee.....	240,017	89,876	150,141	222,868	100,676	122,192	155,863	95,758	60,105
Ozaukee .....	8,380	2,454	5,926	9,180	3,090	6,090	8,613	3,815	4,798
Racine.....	32,748	11,275	21,473	33,744	13,303	20,441	26,645	13,803	12,842
Walworth.....	10,965	5,232	5,733	10,657	5,972	4,685	8,902	6,451	2,451
Washington.....	10,921	3,420	7,501	12,458	4,336	8,122	12,295	5,132	7,163
Waukesha.....	28,863	9,117	19,746	38,592	12,893	25,699	33,372	15,361	18,011
Region	353,662	129,211	224,451	352,045	149,691	202,354	263,529	150,413	113,116

County	1980-1990			1990-2000			2000-2010		
	Births	Deaths	Natural Increase	Births	Deaths	Natural Increase	Births	Deaths	Natural Increase
Kenosha.....	18,733	10,556	8,177	20,850	11,485	9,365	21,589	12,561	9,028
Milwaukee.....	161,475	91,946	69,529	155,081	90,936	64,145	149,234	84,645	64,589
Ozaukee .....	9,542	4,401	5,141	9,318	5,402	3,916	8,557	6,401	2,156
Racine.....	27,343	13,623	13,720	26,160	15,033	11,127	25,922	15,459	10,463
Walworth.....	9,614	6,675	2,939	10,010	7,418	2,592	11,742	8,234	3,508
Washington.....	13,619	5,863	7,756	14,346	7,187	7,159	14,992	8,797	6,195
Waukesha.....	38,078	18,010	20,068	41,114	22,532	18,582	41,623	28,321	13,302
Region	278,404	151,074	127,330	276,879	159,993	116,886	273,659	164,418	109,241

Source: Wisconsin Department of Health Services and SEWRPC.

## MIGRATION

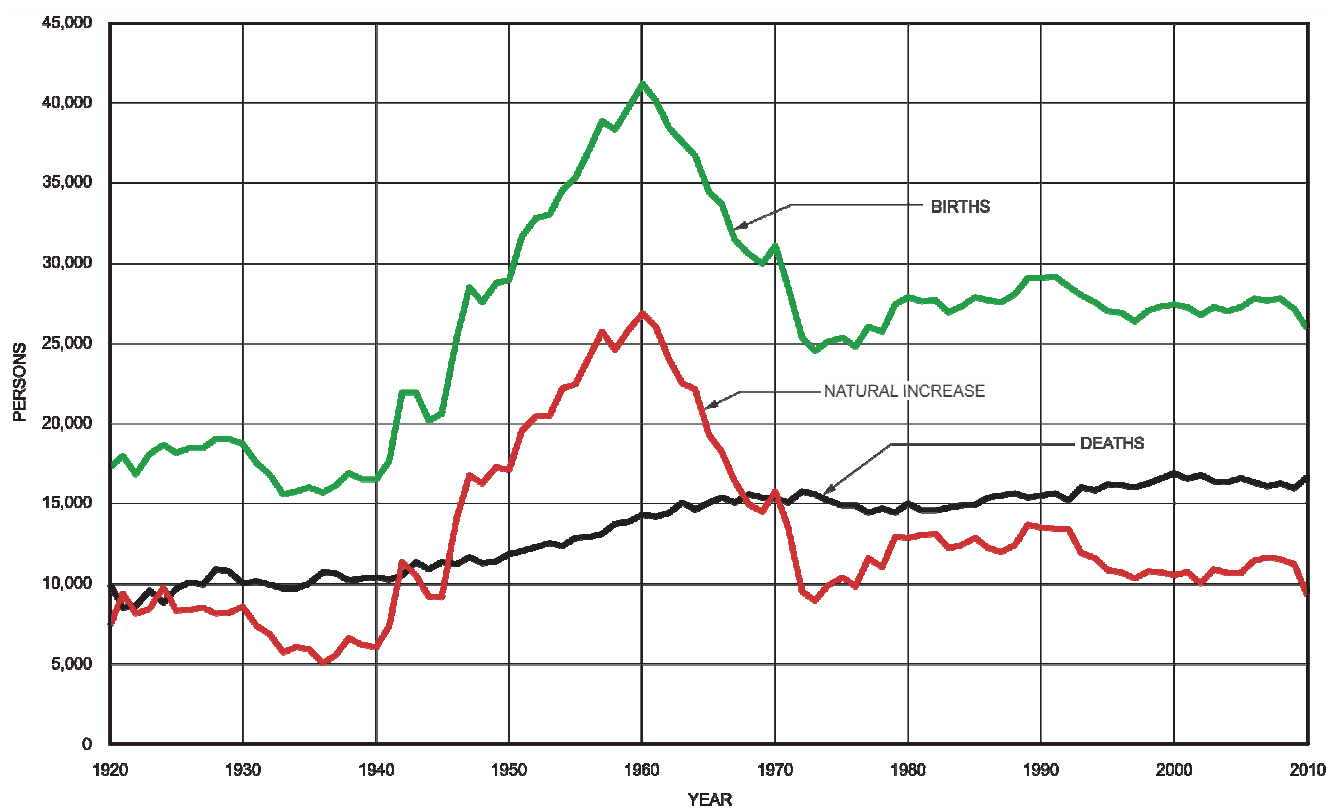
### Net Migration

As noted earlier in this chapter, net migration is the balance between migration into and migration out of an area over a given period. It is often quantified by subtracting natural increase (as determined by records of births and deaths) from the total population change for a given time period. It should be noted that this approach only tabulates “net” migration; it does not indicate the magnitude of inflows and outflows of people for a given area.

Data on net migration for the Region were previously presented in the overview of the components of population change presented earlier in this chapter. These data are re-presented for ease of reference in Table 26. As indicated in that table, the Region as a whole experienced a net out-migration of 20,400 persons between 2000

Figure 10

LIVE BIRTHS, DEATHS, AND NATURAL INCREASE FOR THE REGION: 1920-2010



Source: Wisconsin Department of Health Services and SEWRPC.

and 2010. This follows a modest net in-migration of 3,900 persons during the 1990s. With the exception of 1990s, the Region has experienced a net out-migration of population each decade going back to 1960, with particularly high levels of out-migration occurring during the 1970s (104,400 persons) and 1980s (81,800 persons).

Between 2000 and 2010, five counties in the Region—Kenosha, Ozaukee, Walworth, Washington, and Waukesha—experienced a net in-migration of population. Conversely, Racine County experienced a modest net out-migration of about 3,900 persons. Milwaukee County experienced a net out-migration (57,000 persons) for the fifth consecutive decade. Though of considerable magnitude, this represents the lowest net out-migration experienced by Milwaukee County over the past five decades. Despite their net out-migrations, Milwaukee and Racine Counties both experienced gains in total population during the 2000s owing to significant natural increase.

### County-to-County Migration

County-to-county migration data, developed jointly by the U.S. Internal Revenue Service (IRS) and the U.S. Bureau of the Census, provide an indication of population movement from county to county within the Nation. These data are developed annually based upon year-to-year changes in addresses entered on Federal income tax returns filed by individual taxpayers.

Like all migration-related data, the county-to-county migration data set has certain limitations. Perhaps most importantly, this data set does not reflect the in-migration of foreign-born individuals directly from abroad inasmuch as there would be no prior tax return. Because of this, the data set primarily reflects domestic migration.

**Table 22**

**AGE-SPECIFIC FERTILITY RATES IN THE REGION: 1960-2010**

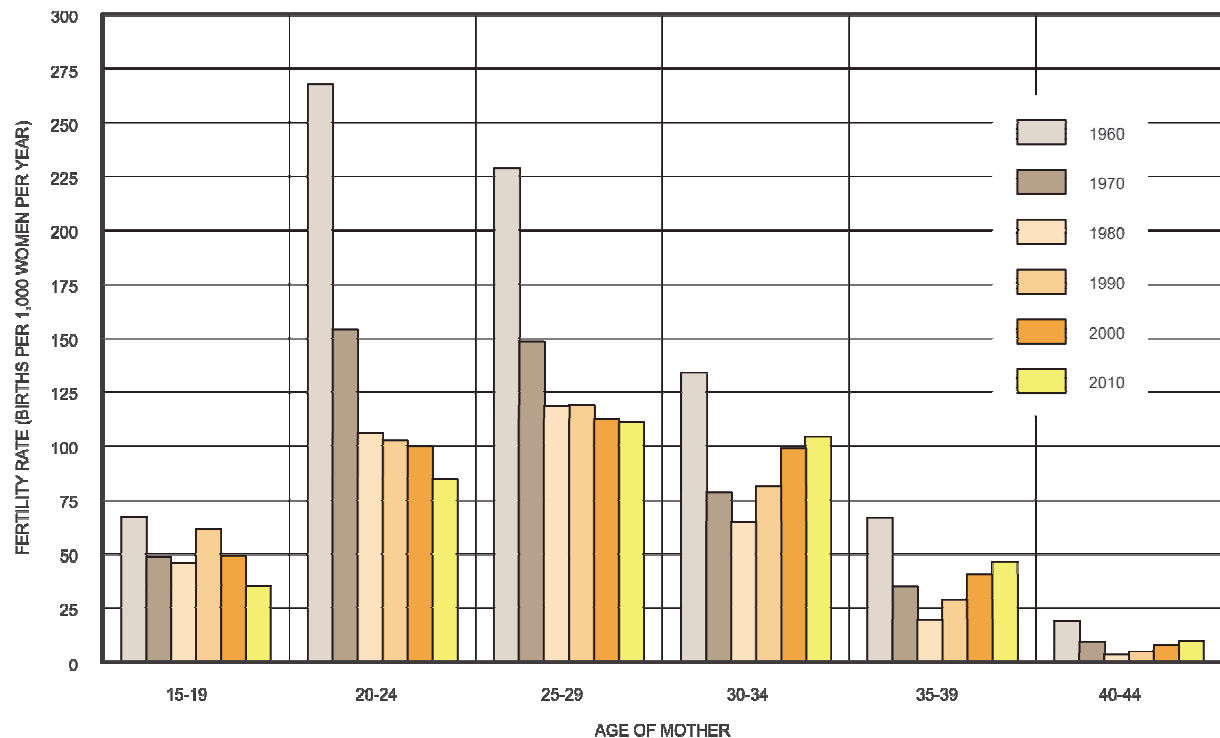
Year	Births per 1,000 Women per Year by Age of Mother					
	15-19	20-24	25-29	30-34	35-39	40-44
1960	66.9	267.3	228.7	133.9	66.8	18.8
1970	48.7	154.0	148.5	78.4	34.9	9.3
1980	45.9	105.9	118.4	64.9	19.4	3.6
1990	61.5	102.4	117.9	81.0	28.9	4.8
2000	49.0	100.3	112.3	99.0	40.3	7.6
2010	34.8	84.3	110.9	104.2	46.1	9.4

NOTE: The rates for 1960-2000 are based upon the three-year average number of births for each point in time in order to minimize the effects of extreme values in a single year. For example, in the calculation of fertility rates for 2000, the three-year average number of births for 1999, 2000, and 2001 for each child-bearing age group was divided by the year 2000 census population for that group. The rates for 2010 are based upon the number of births for each child-bearing age group during the one-year period centered on the April 1, 2010, census divided by the 2010 census population for the age group. The three-year average number of births centered on the year 2010 was not available at the time of the preparation of this report.

Source: U.S. Bureau of the Census, Wisconsin Department of Health Services, and SEWRPC.

**Figure 11**

**AGE-SPECIFIC FERTILITY RATES FOR THE REGION: 1960-2010**



Source: U.S. Bureau of the Census, Wisconsin Department of Health Services, and SEWRPC.

Table 23

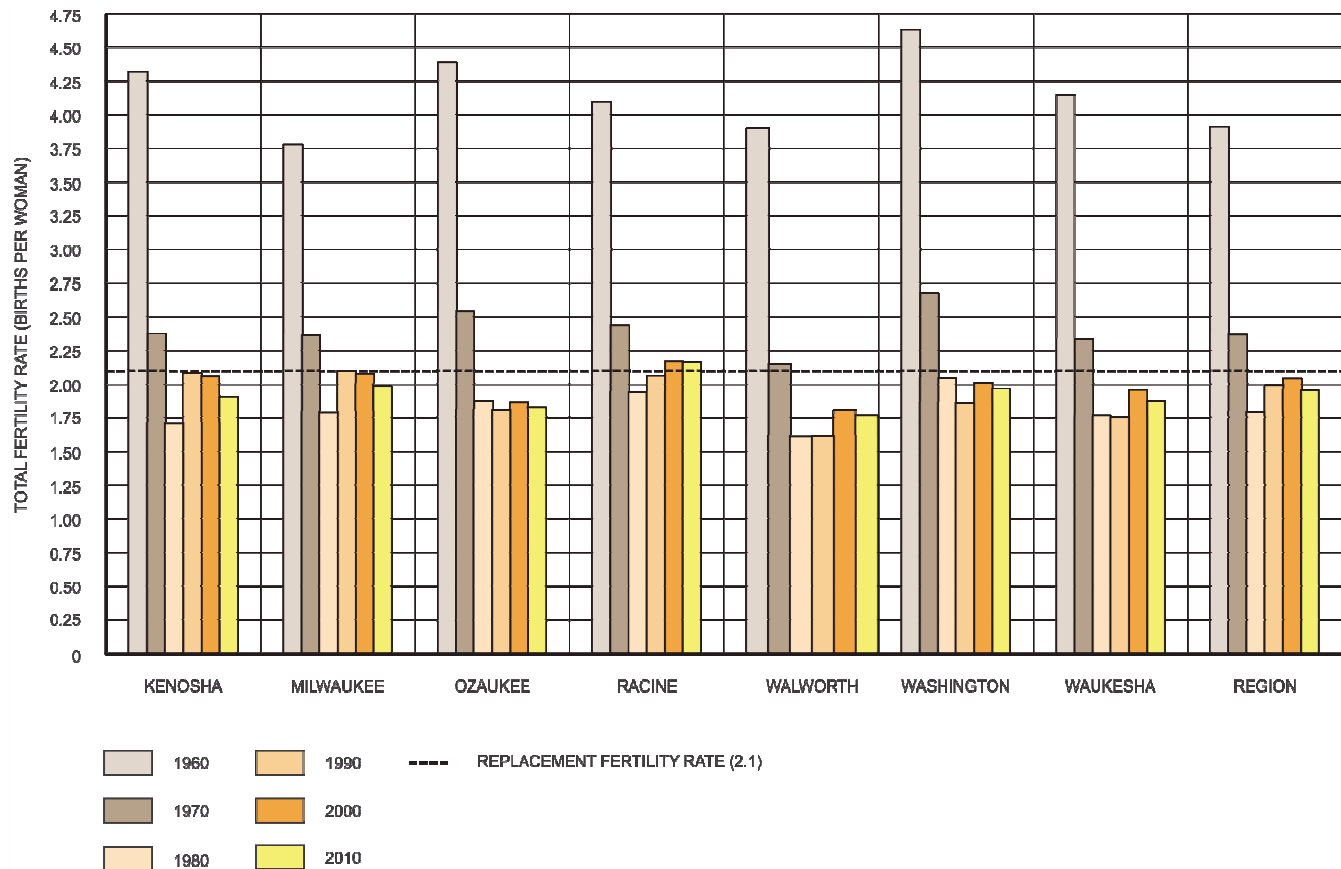
**TOTAL FERTILITY RATES IN THE REGION BY COUNTY: 1960-2010**

Year	Total Fertility Rate (Births per Woman)							
	Kenosha	Milwaukee	Ozaukee	Racine	Walworth	Washington	Waukesha	Region
1960	4.319	3.776	4.387	4.093	3.901	4.630	4.143	3.911
1970	2.375	2.362	2.539	2.436	2.148	2.676	2.335	2.369
1980	1.708	1.786	1.878	1.944	1.612	2.042	1.765	1.792
1990	2.077	2.091	1.800	2.051	1.616	1.854	1.748	1.982
2000	2.059	2.076	1.869	2.165	1.808	2.015	1.961	2.043
2010	1.905	1.979	1.819	2.158	1.760	1.963	1.871	1.949

NOTE: The total fertility rate represents the number of children that one woman would bear if she completed her reproductive life at the age-specific fertility rates for the year indicated. Like the age-specific fertility rates presented in Table 22, the total fertility rates presented in this table for 1960-2000 are based upon three-year average births, while the total fertility rates for 2010 are based upon birth data for one year.

Source: U.S. Bureau of the Census, Wisconsin Department of Health Services, and SEWRPC.

Figure 12

**TOTAL FERTILITY RATES IN THE REGION BY COUNTY: 1960-2010**

Source: U.S. Bureau of the Census, Wisconsin Department of Health Services, and SEWRPC.

Table 24

## AGE AND GENDER SPECIFIC MORTALITY RATES IN THE REGION: 1960-2010

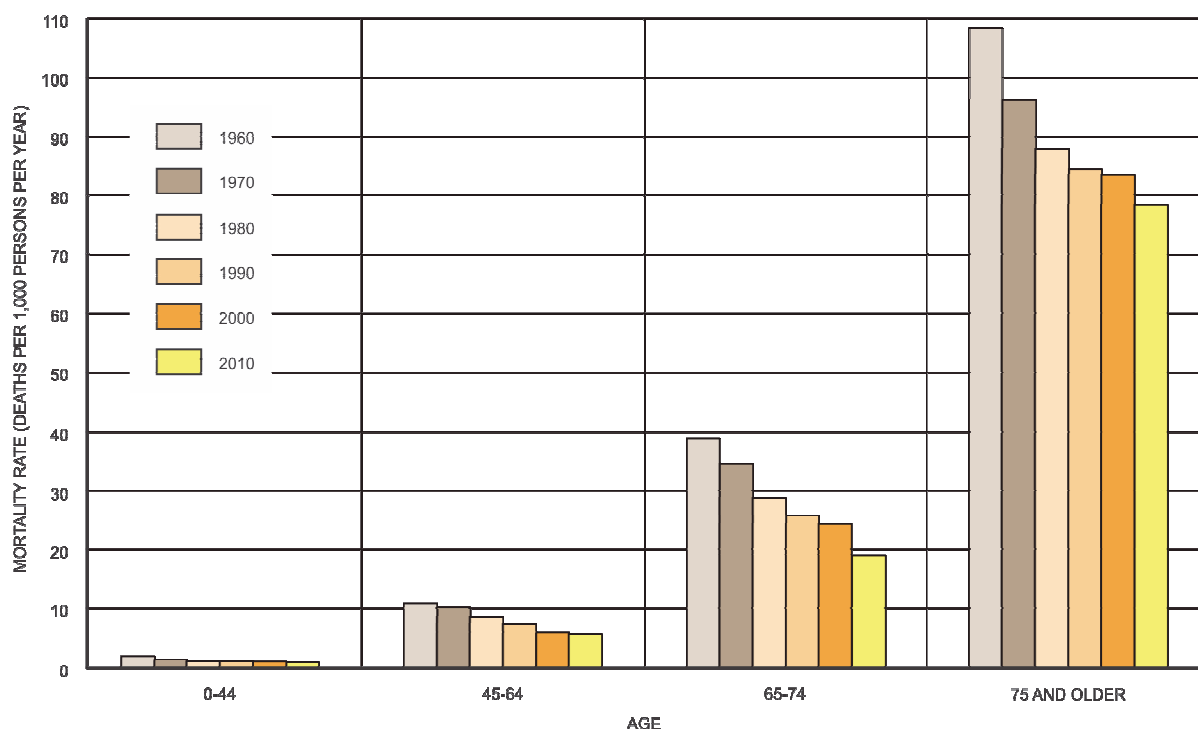
Year	Deaths per 1,000 Persons per Year by Age and Gender											
	Age 0-44 Years			Age 45-64 Years			Age 65-74 Years			Age 75 Years and Over		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1960	2.26	1.52	1.89	14.22	7.43	10.78	49.76	29.27	38.91	121.49	98.89	108.30
1970	1.76	1.13	1.44	13.83	6.80	10.18	48.06	24.23	34.62	113.62	85.14	96.18
1980	1.42	0.81	1.12	11.32	6.08	8.61	39.80	20.64	28.77	110.46	75.95	87.82
1990	1.50	0.75	1.13	9.19	5.55	7.31	33.92	19.55	25.80	101.34	76.29	84.67
2000	1.31	0.74	1.02	7.59	4.42	5.97	30.60	19.29	24.35	93.82	78.37	83.84
2010	1.18	0.66	0.92	6.84	4.49	5.64	23.00	15.48	18.93	85.45	74.06	78.35

NOTE: The rates for 1960-2000 are based upon the three-year average number of deaths for each point in time in order to minimize the effects of extreme values in a single year. For example, in the calculation of mortality rates for 2000, the three-year average number of deaths for 1999, 2000, and 2001 for each age-sex group was divided by the year 2000 census population for that group. The rates for 2010 are based upon the number of deaths for the one-year period centered on the April 1, 2010, census for each age-sex group, divided by the year 2010 census population for that group. The three-year average number of deaths centered on the year 2010 was not available at the time of the preparation of this report.

Source: U.S. Bureau of the Census, Wisconsin Department of Health Services, and SEWRPC.

Figure 13

## AGE-SPECIFIC MORTALITY RATES FOR THE REGION: 1960-2010



Source: U.S. Bureau of the Census, Wisconsin Department of Health Services, and SEWRPC.

Table 25

## AGE AND GENDER SPECIFIC MORTALITY RATES IN THE REGION BY COUNTY: 2010

County	Deaths per 1,000 Persons per Year by Age and Gender											
	Age 0-44 Years			Age 45-64 Years			Age 65-74 Years			Age 75 Years and Over		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Kenosha.....	1.22	0.57	0.90	6.45	5.29	5.87	27.02	14.99	20.64	89.91	72.10	78.81
Milwaukee.....	1.43	0.76	1.09	9.03	5.82	7.37	27.73	18.00	22.29	88.99	74.60	79.77
Ozaukee .....	0.68	0.54	0.61	4.37	2.85	3.59	17.84	9.71	13.53	86.15	77.65	81.04
Racine.....	1.07	0.70	0.89	6.98	3.82	5.39	22.03	15.41	18.50	85.77	71.35	77.02
Walworth.....	0.87	0.62	0.75	6.01	3.99	5.00	17.11	14.62	15.82	84.15	83.33	83.66
Washington.....	0.97	0.60	0.79	4.86	3.22	4.04	19.22	14.54	16.74	73.53	72.32	72.80
Waukesha.....	0.79	0.44	0.62	4.28	2.88	3.57	18.13	12.77	15.28	80.85	72.26	75.62
Region	1.18	0.66	0.92	6.84	4.49	5.64	23.00	15.48	18.93	85.45	74.06	78.35

NOTE: The mortality rates in this table are based upon the number of deaths for the one-year period centered on the April 1, 2010, census for each age-sex group, divided by the year 2010 census population for that group.

Source: U.S. Bureau of the Census, Wisconsin Department of Health Services, and SEWRPC.

Table 26

## NET MIGRATION OF POPULATION IN THE REGION BY COUNTY: 1920-2010

County	Net Population Migration by Decade								
	1920-1930	1930-1940	1940-1950	1950-1960	1960-1970	1970-1980	1980-1990	1990-2000	2000-2010
Kenosha.....	4,422	-4,163	3,643	11,446	2,177	-2,526	-3,133	12,031	7,821
Milwaukee.....	124,078	-7,687	19,472	14,853	-103,984	-149,366	-75,242	-83,256	-57,018
Ozaukee .....	-376	1,361	1,809	9,154	9,930	7,722	709	5,570	1,922
Racine.....	2,389	-1,895	4,187	10,723	8,616	-10,548	-11,818	2,670	-3,886
Walworth.....	726	2,043	6,132	5,051	6,391	5,612	554	14,421	6,707
Washington.....	-1,310	123	1,816	4,716	9,598	13,846	2,724	15,009	8,196
Waukesha.....	7,095	8,241	14,733	52,602	47,387	30,857	4,444	37,470	15,822
Region	137,024	-1,977	51,792	108,545	-19,885	-104,403	-81,762	3,915	-20,436

Source: U.S. Bureau of the Census, Wisconsin Department of Health Services, and SEWRPC.

In addition, because the county-to-county migration data is developed on the basis of year-to-year changes in addresses on individual income tax returns, it does not capture the movement of individuals who do not file an income tax return and cannot be claimed as an exemption on another person's income tax return. Likewise the data does not capture the movement of individuals with certain tax filing status changes. Finally, information regarding county-to-county movements is suppressed when county-to-county movements involve fewer than 10 tax filers in a year. These limitations notwithstanding, the data set is considered to provide a good indication of county-to-county population migration patterns.

Table 27 presents a 10-year summary of the county-to-county migration data for the Region's counties relative to each other, the remainder of Wisconsin, and the remainder of the Nation outside Wisconsin. The 10-year summary is the sum of county-to-county moves identified each year between 2000 and 2010. The data reflects multiple moves of persons who moved between counties more than once during the decade.

As indicated on Table 27, the movement of people from the Region to the balance of the State during the 2000s exceeded the movement from the balance of the State to the Region by about 30,200. The movement of people from the Region to other parts of the Nation (excluding Wisconsin) exceeded the movement from the Nation to the Region by about 7,900.

Within the Region, the most notable county-to-county migration pattern evident on Table 27 is the net movement of people from Milwaukee to adjacent counties. While there was significant movement of people from Ozaukee, Racine, Washington, and Waukesha Counties to Milwaukee County between 2000 and 2010, this was exceeded by the movement of people in the opposite direction, particularly to Waukesha County. Thus, the migration data indicate the net movement of 7,200 persons from Milwaukee County to Ozaukee County; 5,400 persons from Milwaukee County to Racine County; 9,300 persons from Milwaukee County to Washington County; and 30,300 persons from Milwaukee County to Waukesha County.

Similar county-to-county migration data for the previous 10 years—from 1990 to 2000—is presented in Table 28. From a comparison of Tables 27 and 28, it is evident that there was a decrease in the net movement of people from the Region to the balance of Wisconsin from the 1990s to the 2000s. Within the Region, there was also a decrease in the net movement of people from Milwaukee County to Ozaukee, Washington, and Waukesha Counties during that time.

Table 29 presents the pattern of migration between the Region and the northern Illinois counties of Cook, Lake, and McHenry between 2000 and 2010, based upon the county-to-county migration data. Particularly noteworthy is the reported net movement of people from those Illinois counties into Kenosha and Walworth Counties. The migration data indicate the net movement of 17,200 persons from those three Illinois Counties to Kenosha County and the net movement of 4,800 persons from those Counties to Walworth County between 2000 and 2010. In addition, the migration data indicate the net movement from Northern Illinois of about 2,400 people to Milwaukee County, 1,800 people to Racine County, 1,100 people to Waukesha County, and 300 people to Ozaukee and Washington Counties combined, during the 2000s. This generally represents a continuation of migration patterns between the Region's counties and Northern Illinois observed during the 1990s (See Table 30).

### **Migration from Other Countries**

Information regarding the foreign-born population available from the U.S. Bureau of the Census provides some insight into the extent of population migration from other countries. As defined by the Census Bureau, the foreign-born population includes persons who were not a U.S. citizen at birth.

The Census Bureau's 2006-2010 American Community Survey<sup>2</sup> indicates a total of 131,200 foreign-born persons in the Region, of whom about 43,400 were reported to have entered the U.S. in or after the year 2000 (see Table 31). Of those who entered the U.S. in or after 2000, about 56 percent were from Latin America and the Caribbean, 25 percent from Asia, 12 percent from Europe, and 7 percent from other places (see Table 32). These patterns are generally similar to those reported for the Region in the 2000 decennial census for the period from 1990 to 2000. Information regarding the number of individuals who migrated from the Region to other countries is not available.

## **SUMMARY**

This chapter has presented information regarding the levels and rates of natural increase and migration which underlie the changes in the Region's population. A summary of key information presented in this chapter follows.

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<sup>2</sup>The 2006-2010 American Community Survey reflects demographic data obtained from sample surveys carried out under the Census Bureau's American Community Survey program over the five-year period from 2006 through 2010.



Table 27

**COUNTY-TO-COUNTY MIGRATION DATA FOR 2000-2010:  
REGION COUNTIES RELATIVE TO EACH OTHER, WISCONSIN, AND THE NATION**

Geographic Area	In-Migration (person moves)							
	To Kenosha County	To Milwaukee County	To Ozaukee County	To Racine County	To Walworth County	To Washington County	To Waukesha County	To Region
From Kenosha County .....	--	4,210	110	13,030	3,140	240	1,160	--
From Milwaukee County .....	3,500	--	16,840	18,730	3,910	18,280	82,640	--
From Ozaukee County .....	100	9,610	--	330	140	5,300	2,540	--
From Racine County .....	10,060	13,330	350	--	3,980	620	4,940	--
From Walworth County .....	2,180	3,270	70	3,080	--	270	3,910	--
From Washington County .....	110	9,030	4,280	460	310	--	8,640	--
From Waukesha County .....	970	52,300	2,610	5,230	4,960	12,630	--	--
From Remainder of Wisconsin .....	2,030	40,300	5,020	3,430	6,890	10,750	21,820	90,240
From Remainder of United States .....	36,210	73,210	1,980	7,630	12,350	1,110	21,380	153,870
From Abroad (Military/Government) .....	1,050	4,500	280	500	250	200	1,280	8,060
<b>Total In-Migration</b>	<b>56,210</b>	<b>209,760</b>	<b>31,540</b>	<b>52,420</b>	<b>35,930</b>	<b>49,400</b>	<b>148,310</b>	<b>252,170</b>

Geographic Area	Out-Migration (person moves)							
	From Kenosha County	From Milwaukee County	From Ozaukee County	From Racine County	From Walworth County	From Washington County	From Waukesha County	From Region
To Kenosha County .....	--	3,500	100	10,060	2,180	110	970	--
To Milwaukee County .....	4,210	--	9,610	13,330	3,270	9,030	52,300	--
To Ozaukee County .....	110	16,840	--	350	70	4,280	2,610	--
To Racine County .....	13,030	18,730	330	--	3,080	460	5,230	--
To Walworth County .....	3,140	3,910	140	3,980	--	310	4,960	--
To Washington County .....	240	18,280	5,300	620	270	--	12,630	--
To Waukesha County .....	1,160	82,640	2,540	4,940	3,910	8,640	--	--
To Remainder of Wisconsin .....	3,900	47,070	6,940	7,240	9,620	15,660	30,030	120,460
To Remainder of United States .....	19,860	94,100	2,500	8,250	7,660	1,770	27,570	161,710
To Abroad (Military/Government) .....	790	3,220	160	650	210	220	1,300	6,550
<b>Total Out-Migration</b>	<b>46,440</b>	<b>288,290</b>	<b>27,620</b>	<b>49,420</b>	<b>30,270</b>	<b>40,480</b>	<b>137,600</b>	<b>288,720</b>

Geographic Area	Net Migration (person moves)							
	To Kenosha County	To Milwaukee County	To Ozaukee County	To Racine County	To Walworth County	To Washington County	To Waukesha County	To Region
From Kenosha County .....	--	710	10	2,970	960	130	190	--
From Milwaukee County .....	-710	--	7,230	5,400	640	9,250	30,340	--
From Ozaukee County .....	-10	-7,230	--	-20	70	1,020	-70	--
From Racine County .....	-2,970	-5,400	20	--	900	160	-290	--
From Walworth County .....	-960	-640	-70	-900	--	-40	-1,050	--
From Washington County .....	-130	-9,250	-1,020	-160	40	--	-3,990	--
From Waukesha County .....	-190	-30,340	70	290	1,050	3,990	--	--
From Remainder of Wisconsin .....	-1,870	-6,770	-1,920	-3,810	-2,730	-4,910	-8,210	-30,220
From Remainder of United States .....	16,350	-20,890	-520	-620	4,690	-660	-6,190	-7,840
From Abroad (Military/Government) .....	260	1,280	120	-150	40	-20	-20	1,510
<b>Total Net Migration</b>	<b>9,770</b>	<b>-78,530</b>	<b>3,920</b>	<b>3,000</b>	<b>5,660</b>	<b>8,920</b>	<b>10,710</b>	<b>-36,550</b>

NOTES: The information presented in this table is drawn from "County-to-County Migration Data," the result of a joint effort between the U.S. Internal Revenue Service and the U.S. Census Bureau. In this data set, migratory moves between counties are identified based upon year-to-year changes in addresses entered on Federal income tax returns filed by individual tax payers.

Because the movement of persons presented above are based upon Federal income tax returns, the data set generally does not reflect the in-migration of foreign-born individuals directly from abroad.

Source: "County-to-County Migration Data" from the U.S. Internal Revenue Service and U.S. Bureau of the Census; and SEWRPC.

Table 28

**COUNTY-TO-COUNTY MIGRATION DATA FOR 1990-2000:  
REGION COUNTIES RELATIVE TO EACH OTHER, WISCONSIN, AND THE NATION**

Geographic Area	In-Migration (person moves)							
	To Kenosha County	To Milwaukee County	To Ozaukee County	To Racine County	To Walworth County	To Washington County	To Waukesha County	To Region
From Kenosha County .....	--	3,240	20	10,180	2,580	150	900	--
From Milwaukee County .....	3,120	--	20,110	17,380	4,130	23,190	102,190	--
From Ozaukee County .....	70	9,970	--	260	70	5,870	2,760	--
From Racine County .....	8,200	12,290	400	--	3,940	520	4,360	--
From Walworth County .....	1,660	2,700	60	2,870	--	260	3,350	--
From Washington County .....	160	8,990	4,080	430	240	--	8,430	--
From Waukesha County .....	810	52,530	2,610	4,910	4,540	11,800	--	--
From Remainder of Wisconsin .....	4,800	38,680	6,610	6,240	9,520	12,170	23,030	101,050
From Remainder of United States .....	49,530	113,840	13,210	26,380	21,780	11,280	52,220	288,240
From Abroad (Military/Government) .....	930	5,410	400	820	250	230	1,360	9,400
Total In-Migration	69,280	247,650	47,500	69,470	47,050	65,470	198,600	398,690

Geographic Area	Out-Migration (person moves)							
	From Kenosha County	From Milwaukee County	From Ozaukee County	From Racine County	From Walworth County	From Washington County	From Waukesha County	From Region
To Kenosha County .....	--	3,120	70	8,200	1,660	160	810	--
To Milwaukee County .....	3,240	--	9,970	12,290	2,700	8,990	52,530	--
To Ozaukee County .....	20	20,110	--	400	60	4,080	2,610	--
To Racine County .....	10,180	17,380	260	--	2,870	430	4,910	--
To Walworth County .....	2,580	4,130	70	3,940	--	240	4,540	--
To Washington County .....	150	23,190	5,870	520	260	--	11,800	--
To Waukesha County .....	900	102,190	2,760	4,360	3,350	8,430	--	--
To Remainder of Wisconsin .....	8,470	56,450	9,860	12,480	11,910	18,390	33,160	150,720
To Remainder of United States .....	34,860	128,990	13,560	28,450	15,480	11,210	53,150	285,700
To Abroad (Military/Government) .....	520	3,430	210	650	210	210	1,200	6,430
Total Out-Migration	60,920	358,990	42,630	71,290	38,500	52,140	164,710	442,850

Geographic Area	Net Migration (person moves)							
	To Kenosha County	To Milwaukee County	To Ozaukee County	To Racine County	To Walworth County	To Washington County	To Waukesha County	To Region
From Kenosha County .....	--	120	-50	1,980	920	-10	90	--
From Milwaukee County .....	-120	--	10,140	5,090	1,430	14,200	49,660	--
From Ozaukee County .....	50	-10,140	--	-140	10	1,790	150	--
From Racine County .....	-1,980	-5,090	140	--	1,070	90	-550	--
From Walworth County .....	-920	-1,430	-10	-1,070	--	20	-1,190	--
From Washington County .....	10	-14,200	-1,790	-90	-20	--	-3,370	--
From Waukesha County .....	-90	-49,660	-150	550	1,190	3,370	--	--
From Remainder of Wisconsin .....	-3,670	-17,770	-3,250	-6,240	-2,390	-6,220	-10,130	-49,670
From Remainder of United States .....	14,670	-15,150	-350	-2,070	6,300	70	-930	2,540
From Abroad (Military/Government) .....	410	1,980	190	170	40	20	160	2,970
Total Net Migration	8,360	-111,340	4,870	-1,820	8,550	13,330	33,890	-44,160

NOTES: The information presented in this table is drawn from "County-to-County Migration Data," the result of a joint effort between the U.S. Internal Revenue Service and the U.S. Census Bureau. In this data set, migratory moves between counties are identified based upon year-to-year changes in addresses entered on Federal income tax returns filed by individual tax payers.

Because the movement of persons presented above are based upon Federal income tax returns, the data set generally does not reflect the in-migration of foreign-born individuals directly from abroad.

Source: "County-to-County Migration Data" from the U.S. Internal Revenue Service and U.S. Bureau of the Census; and SEWRPC.

Table 29

**COUNTY-TO-COUNTY MIGRATION DATA FOR 2000-2010:  
BETWEEN REGION COUNTIES AND SELECTED ILLINOIS COUNTIES**

Geographic Area	In-Migration (person moves)							
	To Kenosha County	To Milwaukee County	To Ozaukee County	To Racine County	To Walworth County	To Washington County	To Waukesha County	To Region
From Cook, Lake, and McHenry Counties combined .....	31,783	16,220	1,124	5,041	9,682	476	4,695	69,021

Geographic Area	Out-Migration (person moves)							
	From Kenosha County	From Milwaukee County	From Ozaukee County	From Racine County	From Walworth County	From Washington County	From Waukesha County	From Region
To Cook, Lake, and McHenry Counties combined .....	14,626	13,842	870	3,290	4,915	423	3,596	41,562

Geographic Area	Net Migration (person moves)							
	To Kenosha County	To Milwaukee County	To Ozaukee County	To Racine County	To Walworth County	To Washington County	To Waukesha County	To Region
From Cook, Lake, and McHenry Counties combined .....	17,157	2,378	254	1,751	4,767	53	1,099	27,459

NOTES: The information presented in this table is drawn from "County-to-County Migration Data," the result of a joint effort between the U.S. Internal Revenue Service and the U.S. Census Bureau. In this data set, migratory moves between counties are identified based upon year-to-year changes in addresses entered on Federal income tax returns filed by individual tax payers.

Source: "County-to-County Migration Data" from the U.S. Internal Revenue Service and U.S. Bureau of the Census; and SEWRPC.

Table 30

**COUNTY-TO-COUNTY MIGRATION DATA FOR 1990-2000:  
BETWEEN REGION COUNTIES AND SELECTED ILLINOIS COUNTIES**

Geographic Area	In-Migration (person moves)							
	To Kenosha County	To Milwaukee County	To Ozaukee County	To Racine County	To Walworth County	To Washington County	To Waukesha County	To Region
From Cook, Lake, and McHenry Counties combined .....	28,360	16,330	1,210 <sup>a</sup>	5,190	9,510	740 <sup>a</sup>	5,240	66,580

Geographic Area	Out-Migration (person moves)							
	From Kenosha County	From Milwaukee County	From Ozaukee County	From Racine County	From Walworth County	From Washington County	From Waukesha County	From Region
To Cook, Lake, and McHenry Counties combined .....	11,500	13,390	760 <sup>a</sup>	3,240	3,440	440 <sup>a</sup>	3,670	36,440

Geographic Area	Net Migration (person moves)							
	To Kenosha County	To Milwaukee County	To Ozaukee County	To Racine County	To Walworth County	To Washington County	To Waukesha County	To Region
From Cook, Lake, and McHenry Counties combined .....	16,860	2,940	450 <sup>a</sup>	1,950	6,070	300 <sup>a</sup>	1,570	30,140

NOTES: The information presented in this table is drawn from "County-to-County Migration Data," the result of a joint effort between the U.S. Internal Revenue Service and the U.S. Census Bureau. In this data set, migratory moves between counties are identified based upon year-to-year changes in addresses entered on Federal income tax returns filed by individual tax payers.

<sup>a</sup>Data are unavailable for years with relatively small amounts of data due to suppression of data to protect the privacy of individuals.

Source: "County-to-County Migration Data" from the U.S. Internal Revenue Service and U.S. Bureau of the Census; and SEWRPC.

## Natural Increase and Net Migration—Overview

- Population change can be attributed to natural increase—the balance between births and deaths occurring within an area—and net migration—the balance between the population migrating into and out of the area. The population of the Region increased from 1,931,200 persons in 2000 to 2,020,000 persons in 2010. The overall population increase of 88,800 persons in the Region between 2000 and 2010 is the result of a natural increase of about 109,200 and a net out-migration of about 20,400.

- Looking further back in time, the level of natural increase in the Region has been relatively stable over the past four decades, averaging about 116,600 per decade. This is significantly lower than the levels experienced during the 1950s and 1960s—which include much of the post-World War II baby-boom era—when natural increase in the Region occurred at very high levels (224,500 during the 1950s and 202,400 during the 1960s).

- In contrast to the relative stability in natural increase in the Region over the past four decades, net migration has varied considerably. Prior to the net out-migration of 20,400 persons between 2000 and 2010, the Region experienced a modest net in-migration during the 1990s and a substantial net out-migration during both the 1980s and 1970s.

## Fertility and Mortality Rates

- Examination of fertility rates and mortality rates provides insight into the overall trend in natural increase in the population. The total fertility rate for child-bearing age females in the Region decreased dramatically during the 1960s and 1970s, but has been relatively stable since 1990. Thus, the total fertility rate for the Region was 1.95 in 2010—slightly lower than the rates of 2.04 in 2000 and 1.98 in 1990. Among the counties in the Region, the total fertility rate in 2010 ranged from 1.76 in Walworth County to 2.16 in Racine County.
- The long-term trend in mortality rates in the Region has been one of gradual decline. With minor exception, the mortality rates calculated for selected broad age groups (0-to-44, 45-to-64, 65-to-74, and 75-and-over) for males and females combined have decreased each decade, going back to at least 1960. Historically, the male mortality rate exceeds the female rate for each age group.

**Table 31**

### FOREIGN-BORN POPULATION BY YEAR OF ENTRY INTO THE UNITED STATES: 2006-2010 AMERICAN COMMUNITY SURVEY

County	Entered U.S. Prior to 2000	Entered U.S. in 2000 or Later	Total
Kenosha.....	7,438	2,791	10,229
Milwaukee.....	51,131	29,205	80,336
Ozaukee.....	3,079	827	3,906
Racine.....	6,760	2,780	9,540
Walworth.....	4,567	2,261	6,828
Washington.....	2,394	1,017	3,411
Waukesha.....	12,422	4,497	16,919
Region	87,791	43,378	131,169

Source: U.S. Bureau of the Census American Community Survey and SEWRPC.

**Table 32**

### PLACE OF BIRTH OF THE FOREIGN-BORN POPULATION IN THE REGION ENTERING THE UNITED STATES IN 2000 OR LATER: 2006-2010 AMERICAN COMMUNITY SURVEY

Place of Birth	Persons	Percent of Total
Asia.....	10,984	25.3
Europe.....	5,019	11.6
Latin America and the Caribbean		
Mexico.....	21,078	48.6
Other Central America.....	1,219	2.8
South America.....	1,252	2.9
Caribbean.....	754	1.7
Subtotal	24,303	56.0
Other Places.....	3,072	7.1
Total	43,378	100.0

Source: U.S. Bureau of the Census American Community Survey and SEWRPC.

- Mortality rates in 2010 were generally somewhat higher for Kenosha, Milwaukee, and Racine Counties than for the other counties in the Region.

## Migration Trends

- Net migration—the balance between migration into and migration out of an area over a given period—is often quantified by subtracting natural increase (as determined by records of births and deaths) from the total population change for a given time period. It should be noted that this approach only tabulates net migration; it does not indicate the magnitude of inflows and outflows of population for the area.
- The Region as a whole experienced a net out-migration of 20,400 persons between 2000 and 2010. This compares to a net in-migration of 3,900 persons during the 1990s and net out-migrations of 81,800 during the 1980s, 104,400 during the 1970s, and 19,900 during the 1960s.
- Between 2000 and 2010, five counties in the Region—Kenosha, Ozaukee, Walworth, Washington, and Waukesha—experienced a net in-migration of population. Conversely, Racine County experienced a modest net out-migration of about 3,900 persons. Milwaukee County experienced a net out-migration (57,000 persons) for the fifth consecutive decade. Though of considerable magnitude, this represents the lowest net out-migration experienced by the Milwaukee County over the past five decades. Despite their net out-migrations, Milwaukee and Racine Counties both experienced gains in total population during the 2000s owing to significant natural increase.
- County-to-county migration data prepared jointly by the U.S. Internal Revenue Service and the U.S. Bureau of the Census provides insight into the movement of people within the United States—generally excluding, however, migration from other countries. This data indicates that the movement of people from the Region to the balance of the State during the 2000s exceeded the movement from the balance of the State to the Region by about 30,200. The movement of people from the Region to other parts of the Nation (excluding Wisconsin) exceeded the movement from the Nation to the Region by about 7,900.
- Within the Region, the most notable county-to-county migration pattern is the net movement of people from Milwaukee to adjacent counties. While there was significant movement of people from Ozaukee, Racine, Washington, and Waukesha Counties to Milwaukee County between 2000 and 2010, this was exceeded by the movement of people in the opposite direction, particularly to Waukesha County. Thus, the migration data indicate the net movement of 7,200 persons from Milwaukee County to Ozaukee County; 5,400 persons from Milwaukee County to Racine County; 9,300 persons from Milwaukee County to Washington County; and 30,300 persons from Milwaukee County to Waukesha County. The net movement of people from Milwaukee County to Ozaukee, Washington, and Waukesha Counties between 2000 and 2010 was less than occurred during the 1990s.
- Information regarding the foreign-born population available from the U.S. Bureau of the Census provides insight into the extent of population migration from other countries. The Census Bureau's 2006-2010 American Community Survey indicates a total of 131,200 foreign-born persons in the Region, of whom about 43,400 were reported to have entered the U.S. in or after the year 2000. Of those who entered the U.S. in or after 2000, about 56 percent were from Latin America and the Caribbean, 25 percent from Asia, 12 percent from Europe, and 7 percent from other places. These patterns are generally similar to the patterns for the Region for the years 1990 to 2000 reported in the 2000 decennial census.

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## **Chapter IV**

# **POPULATION AND HOUSEHOLD PROJECTIONS**

### **INTRODUCTION**

The primary purpose of this study is to prepare new projections of population and households in the Region to be used as a basis for updating and extending the regional land use and transportation plans and other elements of the comprehensive plan for the physical development of the Southeastern Wisconsin Region. This chapter describes the methodology used in the preparation of population and household projections to the year 2050 and presents the resulting projections. This chapter also compares the new population and household projections with similar projections prepared by other agencies and projections previously prepared by the Commission.

### **NATURE OF THE PROJECTIONS**

Under the current population study, as in prior studies, the Commission has projected a range of future population and household levels—high, intermediate, and low—for the Region. This approach recognizes the uncertainty that surrounds any effort to predict future socioeconomic conditions. The intermediate projection prepared under this study is considered the most likely to be achieved for the Region overall, and, in this sense, constitutes the Commission’s “forecast,” to be used as a basis for the preparation of the year 2050 regional land use and transportation plans.<sup>1</sup> The high and low projections are intended to provide an indication of the range of population and household levels which could conceivably be achieved under significantly higher and lower, but nevertheless plausible, growth scenarios for the Region.

### **PROJECTION TARGET DATE**

The target year for the Commission’s projections is determined largely by the requirements of the planning work which utilizes those projections—the long-range regional land use and transportation plans and other elements of the comprehensive plan for the Region. The land use pattern, the supporting transportation system, and other infrastructure must be planned in consideration of anticipated demand over the long term—with estimates of demand dependent on anticipated future population, household, and employment levels.

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<sup>1</sup>*This usage is consistent with the generally accepted distinction between the terms “projection” and “forecast.” A projection is an indication of the future value of a variable, such as population or employment levels, under a set of assumptions which affect that variable. Typically, more than one projection is developed, each with its own set of assumptions. A forecast, on the other hand, involves an element of judgment, it being the projection deemed most likely to occur.*

The new population and household projections were prepared for the period 2010 to 2050. Such projections will support the preparation of new long-range regional land use and transportation plans for that time period. This timeframe will ensure that those plans are consistent with Federal transportation planning requirements. The projections will also provide a basis for other long-range regional planning efforts and will be available for use in county and local comprehensive planning and public facility planning.

## **POPULATION PROJECTIONS**

### **Methodology and Assumptions**

For the purposes of developing the new population projections, the Commission employed a widely used technique known as the cohort-component method. This name reflects the fact the method involves disaggregating the population into cohorts, or subgroups, based upon characteristics such as age and gender, and explicitly considering the three components of population change—births, deaths, and migration—with respect to each cohort, as appropriate.

The basic form of the cohort-component method involves the following: 1) establishing a base population as of the date from which the projection is to be carried forward, with the population disaggregated into age-sex cohorts; 2) establishing an estimating cycle—for Commission purposes, five years—and developing an estimated schedule of age- and sex-specific fertility, survival, and migration rates that are assumed to apply during the period following the base date; and 3) applying those rates to the base population, resulting in estimates of the population at the end of the period. This process is repeated for each cycle over the projection period, resulting in projections of the population in each age-sex cohort at the end of each cycle.

The assumptions regarding future fertility, survival, and migration rates used in the cohort component projection model for developing the 2050 population projections are described in detail in the next sections of this chapter. In general the assumptions were based upon a consideration of past and current trends and available indicators of future trends at the county, regional, State, and national levels. For example, future birth rates for child-bearing age women were initially derived for the Region as a whole, taking into account expected trends in birth rates statewide, and subsequently derived for each of the seven counties, taking into account the projected regional trends. Future migration levels were derived simultaneously for the Region and the counties, taking into account trends over the past several decades. Ultimately, the cohort component model was applied at the county level, yielding projections of population by age and sex for each five-year cycle of the 40-year projection period. The county-level projections were summed to produce the projections for the Region.

In preparing population projections for the year 2050, the same assumptions regarding future fertility rates and future survival rates were utilized for the low-, intermediate-, and high-growth scenarios. The projections differ primarily in terms of assumed future migration.

### ***Future Fertility***

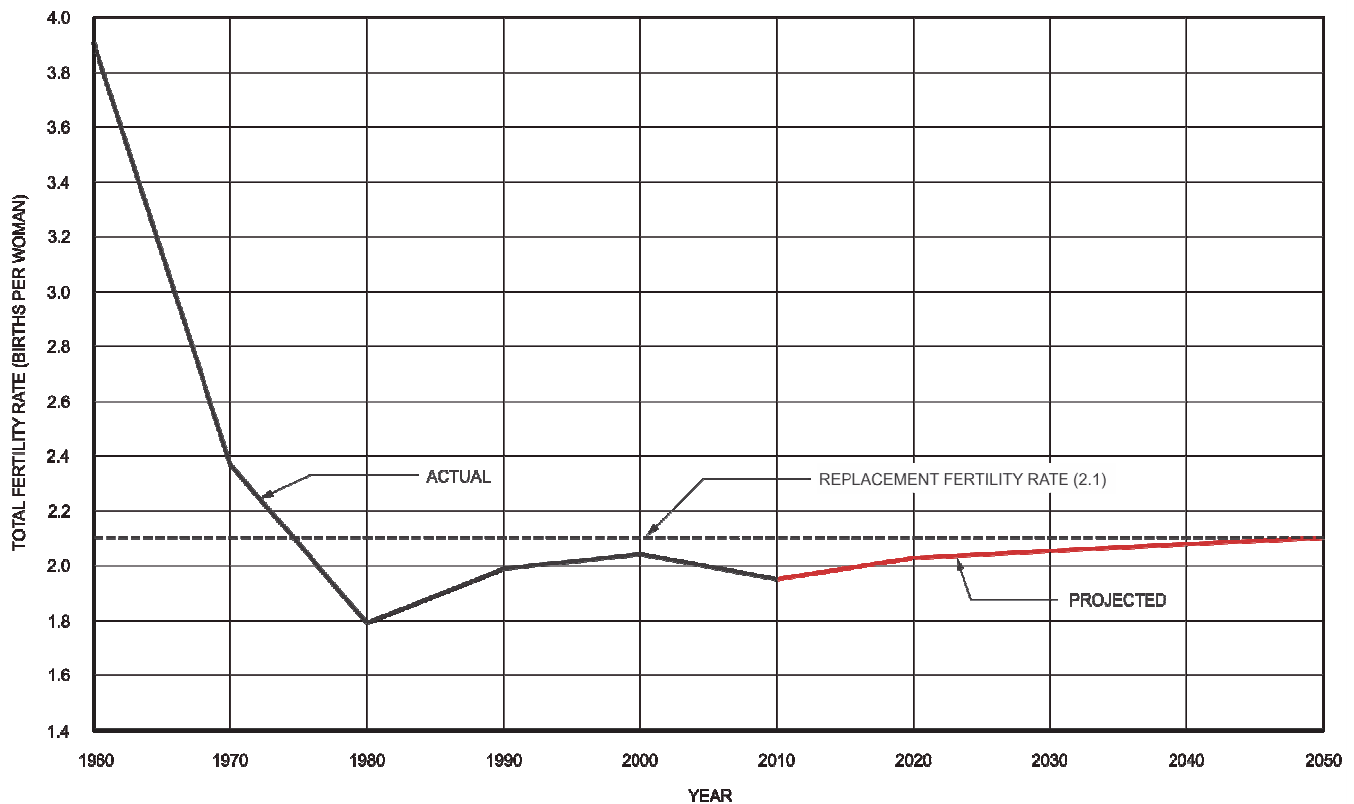
As indicated in the previous chapter, the total fertility rate for the Region decreased dramatically between 1960 and 1980. The total fertility rate has been relatively stable since 1990, increasing somewhat during between 1990 and 2000 and then decreasing somewhat between 2000 and 2010. The lower total fertility rate observed in 2010 can be traced in part to reduced births during the economic recession that began in late 2007. Calculated on an age-specific basis, the fertility rates of younger females under the age of 25 decreased between 1990 and 2010, while the fertility rates of females age 30 and over increased.

Under the Commission projections, the total fertility rate for the Region is envisioned to rebound from the reduced rate of 2010 and then increase gradually over the course of the projection period (see Figure 14). The fertility rates of younger females under age 25 are envisioned to continue to decrease, while the fertility rates of females over age 30 are envisioned to increase, consistent with trends over the past two decades. The derivation of the future fertility rates for the Region and its counties was as follows:



Figure 14

# HISTORIC AND PROJECTED TOTAL FERTILITY RATE FOR THE REGION



Source: U.S. Bureau of the Census, Wisconsin Department of Health Services, and SEWRPC.

- Future fertility rates for the Region overall were developed within the context of future fertility rates for the State, prepared in conjunction with recently released State population projections.<sup>2</sup> Future fertility rates were established for five-year age groups of females age 15 to 44 years in the Region. For each five-year age group, the future fertility rate was derived by applying the historic ratio between the regional and State fertility rates<sup>3</sup> to the fertility rate for that age group projected for the State overall. This was done for each five-year cycle of the 40-year projection period. The Region's total fertility rate for each five-year cycle of the projection period was derived from the age-specific rates.<sup>4</sup>

<sup>2</sup>The Wisconsin Department of Administration (DOA) released preliminary population projections for the State of Wisconsin for the years 2010 to 2040 in July 2012. Those projections were prepared for the Department of Administration by the University of Wisconsin Applied Population Laboratory. DOA fertility rate projections prepared as part of the new State population projections were extended to the year 2050.

<sup>3</sup>The ratio utilized was the average of the ratios observed in 1990, 2000, and 2010.

<sup>4</sup>Procedurally, the total fertility rate is derived by adding the age-specific rates and multiplying the sum by five, since a woman is in each age group for five years. Total fertility rates are usually expressed in terms of births per woman.

- With the future regional age-specific and total fertility rates established for each five-year cycle of the projection period, a similar process was applied in each county. Thus, for each county, for each five-year age group of females age 15 to 44 years, the fertility rate was derived by applying the historic ratio between the county and regional fertility rates<sup>5</sup> to the fertility rate for that age group projected for the Region. This was done for each five-year cycle of the projection period. The total fertility rate for each county for each five-year cycle of the projection period was derived from the age-specific rates.

In carrying out the above steps, the resulting rates were adjusted as appropriate to eliminate apparent extremes in the data.

As noted above, under the new Commission population projections, the total fertility rate for the Region would increase somewhat over the course of the 40-year projection period. Each county would experience at least a slight increase in the total fertility rate.

### ***Future Survival Rates/Life Expectancy***

As indicated in the previous chapter, there has been a steady decrease in mortality rates in the Region, a trend that goes back many decades. The new population projections assume the continuation of this long-term trend.

Mortality is incorporated into the cohort-component model in terms of “survival” rates, which indicate the probability of surviving from one age group to the next. The survival rates used in the new population projection were derived as follows:

- For each county, base survival rates for each five-year age-sex group were calculated based upon mortality experienced during the 2000s. Base survival rates for each age-sex group were first computed for the 10-year period from 2000 to 2010 and then converted to five-year rates centered on 2005.
- For each county, the base survival rates by age and sex were projected forward based on an assumption that the age-and-sex specific survival rates for the county would improve at the same relative rate as projected for the State overall, under the new State population projections.<sup>6</sup> The State survival rate projections were, in turn, based in part on national projections prepared by the U.S. Bureau of the Census.

With the assumed improvement in survival rates over the course of the projection period, the male life expectancy in the Region would increase by 5.6 years, from 76.4 years in 2010 to 82.0 years in 2050. Female life expectancy would increase by 4.9 years, from 81.3 years in 2010 to 86.2 years in 2050.

### ***Future Migration***

Migration assumptions for the new population projections were formulated within the context of historic migration trends in the Region, with due consideration of factors which may impact future migration. Different migration assumptions were made for the intermediate-, high-, and low-growth scenarios.

Historic trends in population migration were described in the previous chapter of this report. The major findings are summarized here:

- Over the past six decades, levels of net migration for the Region have fluctuated widely, with the extent of fluctuation decreasing in more recent decades. The Region as a whole experienced a net out-migration of 104,400 persons during the 1970s; a net out-migration of 81,800 persons during the 1980s; a net in-migration of 3,900 persons during the 1990s; and a net out-migration of 20,400 persons during the 2000s.

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<sup>5</sup>*The ratio utilized was the average of the ratios observed in 2000 and 2010.*

<sup>6</sup>*For this purpose, Wisconsin Department of Administration survival rate projections, prepared as part of the new 2010-2040 population projections for the State, were extended to the year 2050.*

- Five counties in the Region—Kenosha, Ozaukee, Walworth, Washington, and Waukesha—experienced a net in-migration during both the 1990s and the 2000s. Racine County experienced a modest net in-migration during the 1990s and a modest net out-migration during the 2000s. Milwaukee County experienced a net out-migration during the 2000s, but the out-migration of the 2000s was less than that of the 1990s and prior decades.
- Migration data prepared jointly by the U.S. Internal Revenue Service and the U.S. Bureau of the Census provides insight into the county-to-county movement of people within the United States. This data indicates the following:
  - The net movement of people from the Region to the other areas of the State continued during the 2000s, but at reduced levels compared to the 1990s.
  - There was a net movement of people from the Region to the rest of the Nation (outside Wisconsin) during the 2000s, as opposed to a modest net movement in the opposite direction during the 1990s.
  - Within the Region, there was a continuation of the net movement of people from Milwaukee County to its adjacent counties during the 2000s—but also at somewhat reduced levels compared to the 1990s. The data also indicates a continuation of a significant net movement of population from northern Illinois to Kenosha and Walworth Counties during the 2000s.
- Levels of migration from other countries into the Region is difficult to measure, although Census Bureau data provides some insight. The 2006-2010 American Community Survey indicated that the number of persons in the Region who are foreign-born and who entered the U.S. in or after 2000 was about 43,400. Of those who entered the U.S. in or after 2000, about 56 percent were from Latin America and the Caribbean, 25 percent from Asia, 12 percent from Europe, and 7 percent from other places. These patterns are generally similar to the patterns for the Region for the years 1990 to 2000 reported in the 2000 decennial census.

Future migration levels for the Region will depend upon a number of factors including, among others, government immigration policies, the number of employment opportunities (jobs) within the Region, and the need for workers. With the aging of the regional population—in particular, the aging of the large baby-boom population, the oldest of whom are now entering retirement age—the future need for workers to accommodate normal economic growth in the Region is an especially important consideration. The entire baby-boom population will have reached the age of 65 by the year 2030. As the baby-boom population leaves the workforce, the need for replacement workers may well be expected to have an impact on migration levels.

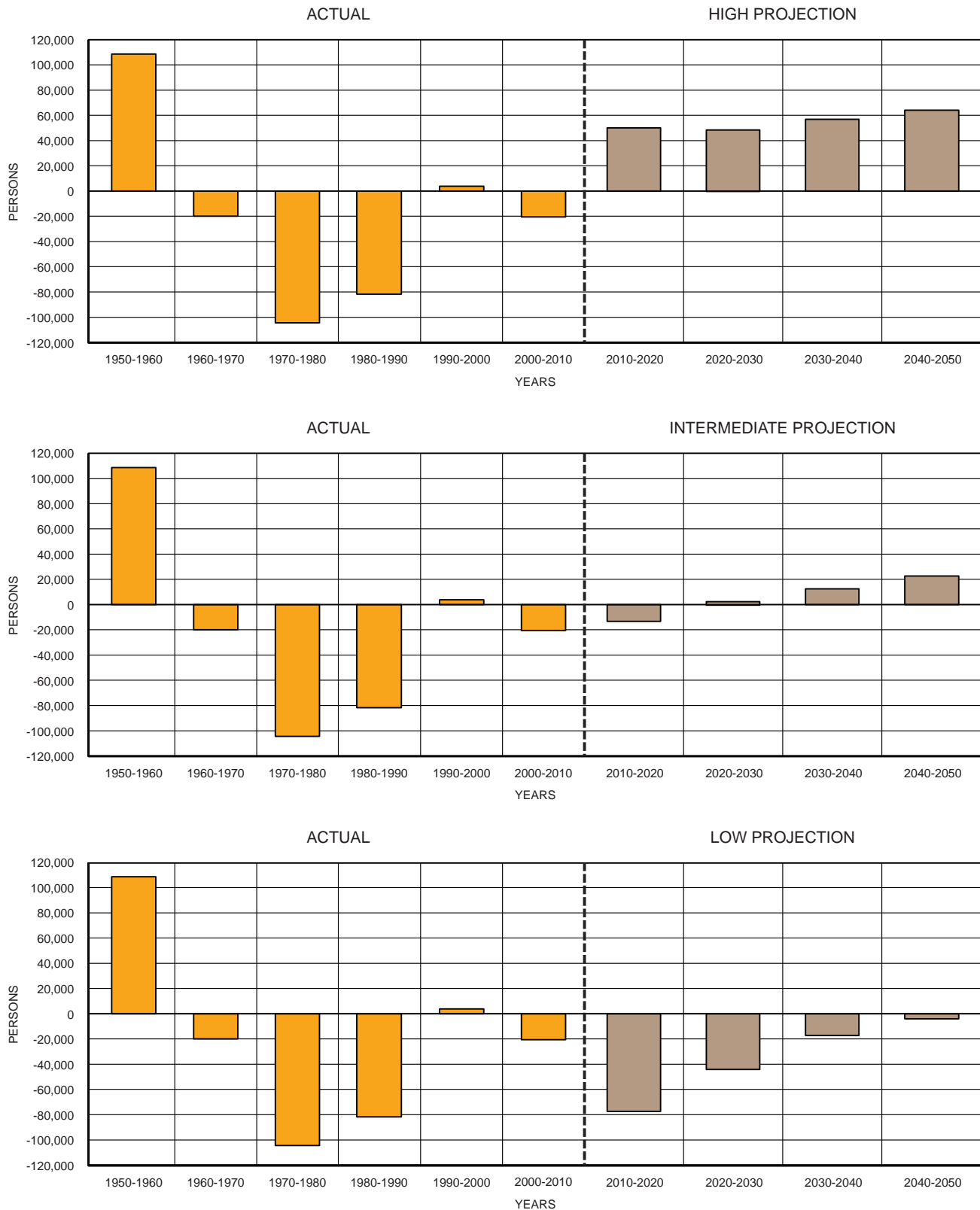
#### *Future Migration under the Intermediate-Growth Scenario*

For purposes of the new population projections, under the intermediate-growth scenario, it was assumed that there would be gradual modest improvement in net migration for the Region as a whole in response to economic growth in the Region over the long term and the need for additional workers as baby-boomers retire. Under this scenario, the pattern of migration for the Region would change from one of modest net out-migration during the early part of the projection period to one of modest net in-migration later in the period (see Figure 15). Associated county-level migration assumptions under the intermediate-growth scenario are as follows:

- Kenosha, Ozaukee, Walworth, Washington, and Waukesha Counties  
Each of these counties experienced at least some net in-migration during both the 1990s and 2000s. In each county, the level of in-migration experienced during the 2000s was lower than the level experienced during the 1990s. For purposes of the new population projections, under an intermediate growth scenario, it was assumed that net migration for Kenosha, Walworth, Washington, and Waukesha Counties would gradually increase over the course of the projection period to levels between the 1990s and 2000s.

Figure 15

# HISTORIC AND PROJECTED NET MIGRATION FOR THE REGION



Source: U.S. Bureau of the Census, Wisconsin Department of Health Services, and SEWRPC.

Ozaukee County experienced a relatively small net in-migration during the 2000s compared to the 1990s. For Ozaukee County, it was assumed that net migration would increase in the early part of the projection period to levels similar to the 1990s.

- Racine County

Racine County experienced a modest net out-migration during the 2000s, following a modest net in-migration during the 1990s. For purposes of the new population projections, under an intermediate growth scenario, it was assumed that the net out-migration of the 2000s for Racine County would change to a net in-migration during the early part of the projection period, to the levels experienced during the 1990s.

- Milwaukee County

Milwaukee County has experienced a net out-migration of population each decade since 1960, with a particularly large out-migration occurring in the 1970s. With the exception of the 1970s, the long-term trend in net out-migration for Milwaukee County has been one of a general decline—the net out-migration during the 2000s being the lowest in five decades. For the new population projections, under an intermediate-growth scenario, it was assumed that the net out-migration of the 2000s would continue to gradually decrease—by about one-third—over the course of the projection period.

The cohort-component population projection model requires that total future migration be allocated to the various age/sex groups for the area concerned. For the purposes of the new population projections, it was assumed that the future pattern of migration among the various age/sex groups in each county would be similar to the pattern that occurred in the 2000s.

#### *Future Migration under the High-Growth and Low-Growth Scenarios*

Under a high-growth scenario, it is envisioned that there would be a relatively steady net migration of population into the Region as a whole over the course of the projection period (see Figure 15). Net in-migration for Kenosha, Ozaukee, Racine, Walworth, Washington and Waukesha Counties under a high-growth scenario would exceed that assumed under the intermediate-growth scenario. Milwaukee County would continue to experience a net out-migration, but at reduced levels compared to the intermediate-growth scenario.

Under a low-growth scenario, it is envisioned that there would be a significant net out-migration of population from the Region as a whole (see Figure 15). Under this scenario, net in-migration for Kenosha, Ozaukee, Walworth, Washington and Waukesha Counties would be lower than under the intermediate-growth scenario. Net out-migration from Milwaukee County would exceed that envisioned under the intermediate-growth scenario. Racine County would experience a modest net out-migration of population, as opposed to the modest net in-migration envisioned under the intermediate-growth scenario.

### **Projected Population**

Population projections based upon the assumptions described in the previous section are presented for the Region in Table 33 and on Figure 16 and for the seven counties in Tables 34 to 40 and on Figure 17. The intermediate projection is considered the most likely to be achieved for the Region overall and is intended to serve as the Commission's forecast, to be used as a basis for the preparation of the year 2050 regional land use and transportation plans and other regional plans. The high and low projections are intended to provide an indication of the range of population levels which could conceivably be achieved under significantly higher and lower, but nevertheless plausible, growth scenarios for the Region.

#### ***Intermediate Population Projection***

As indicated in Table 33, under the intermediate-growth scenario, the population of the Region would increase from about 2,020,000 persons in 2010 to about 2,354,000 persons in 2050. This represents an increase of about 334,000 persons, or 16.5 percent, over the 40-year projection period.

Table 33

## ACTUAL AND PROJECTED POPULATION IN THE REGION: 2010-2050

Year	High Projection			Intermediate Projection			Low Projection		
	Population	Change from Preceding Year		Population	Change from Preceding Year		Population	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Population: 2010	2,020,000	--	--	2,020,000	--	--	2,020,000	--	--
Projected Population									
2015	2,099,900	79,900	4.0	2,060,800	40,800	2.0	2,027,000	7,000	0.3
2020	2,174,600	74,700	3.6	2,109,000	48,200	2.3	2,043,300	16,300	0.8
2025	2,251,600	77,000	3.5	2,159,700	50,700	2.4	2,066,400	23,100	1.1
2030	2,326,000	74,400	3.3	2,207,800	48,100	2.2	2,088,400	22,000	1.1
2035	2,394,800	68,800	3.0	2,249,800	42,000	1.9	2,110,800	22,400	1.1
2040	2,456,900	62,100	2.6	2,285,800	36,000	1.6	2,127,900	17,100	0.8
2045	2,515,700	58,800	2.4	2,318,700	32,900	1.4	2,143,900	16,000	0.8
2050	2,577,700	62,000	2.5	2,354,000	35,300	1.5	2,159,800	15,900	0.7
Change: 2010-2050	--	557,700	27.6	--	334,000	16.5	--	139,800	6.9

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

Most of the growth in population in the Region would result from natural increase. While it is expected to remain the dominant factor driving population growth for the Region as a whole, natural increase is projected to decline significantly over the course of the projection period. Although the number of births is expected to increase moderately over the projection period, the number of deaths occurring during the period is expected to increase substantially—in large part, a result of deaths occurring to the aging baby-boom population.<sup>7</sup>

Under the intermediate-growth scenario, each county in the Region would increase in population over the 40-year projection period. Population increases projected for the Region's counties under the intermediate-growth scenario between 2010 and 2050 are as follows: Kenosha—71,600 persons (43 percent); Milwaukee—28,900 persons (3 percent); Ozaukee—22,700 persons (26 percent); Racine—32,300 persons (17 percent); Walworth—38,400 persons (38 percent); Washington—48,600 persons (37 percent); and Waukesha—91,500 persons (24 percent). Kenosha County is projected to have the largest relative increase in population among the seven counties, due in part to its proximity to the rapidly urbanizing northeastern Illinois region. This Illinois influence may also be expected to contribute to population growth in Walworth County.

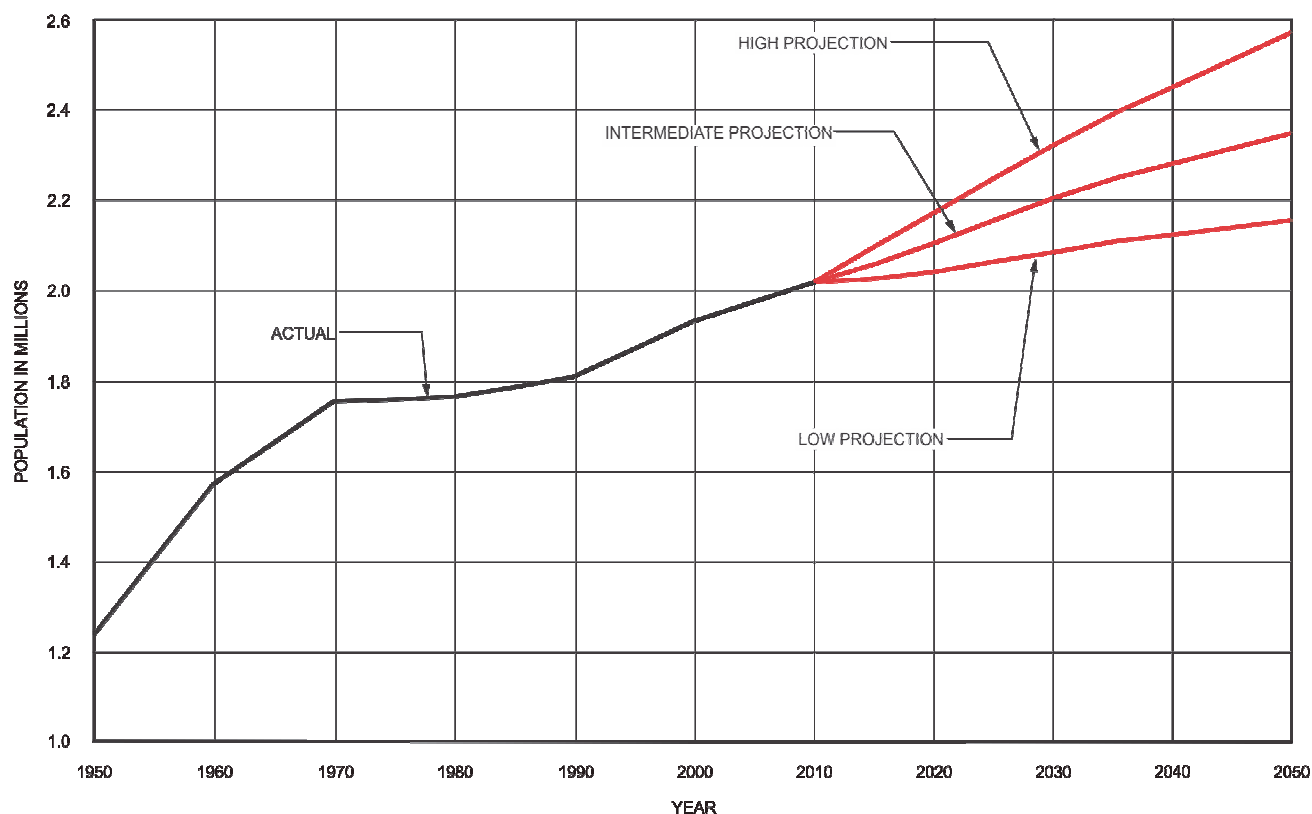
The new projections anticipate continued change in the age composition of the regional population over the course of the projection period. As shown on Figure 18, while the broad age groups 0-19 years, 20-44 years, and 45-64 years are projected to be relatively stable, persons age 65 and over are projected to nearly double during the projection period. Persons age 65 and over would account for about 21 percent of the total population in the Region in 2050, compared to about 13 percent in 2010. As indicated on Table 41, this pattern reflects the aging of the large baby-boom population, born from 1946 through 1964.

County-level population projections by age and sex are presented for the intermediate-growth scenario in Appendix B.

<sup>7</sup>The natural increase (births minus deaths) in the Region was about 109,200 during the 10 years from 2000 to 2010. Under the intermediate-growth scenario, natural increase is projected to decline gradually to just over 45,000 during the 10-year period from 2040 to 2050.

Figure 16

ACTUAL AND PROJECTED POPULATION IN THE REGION: 1950-2050



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

### High and Low Population Projections

As further shown on Figure 16, the high-growth and low-growth population projections for the Region bracket the intermediate-growth population projection. Under the high-growth scenario, the population of the Region would increase from 2,020,000 in 2010 to 2,577,700 in 2050, an increase of 557,700 persons, or 27.6 percent. This compares to the increase of 334,000 persons, or 16.5 percent, between 2010 and 2050 projected under the intermediate-growth scenario. Under the low-growth scenario, the population of the Region would approximate 2,159,800 persons in 2050, an increase of 139,800 persons, or 6.9 percent, over 2010. As shown on Figure 17, for each county in the Region, the high-growth and low-growth population projections bracket the intermediate-growth population projection.

### Comparison to Previous Commission Population Projections

As indicated in Chapter I, the Commission has conducted a number of major demographic studies over the past four decades—generally timed with the release of data from the respective decennial censuses—with each such study leading to the preparation of a new set of population projections, and with each succeeding set of projections extended further into the future. Each set of projections was prepared in consideration of the most current information on population trends available at the time and then-available indicators of future population change. Those projections provided the basis for the selection of a forecast that was used in the subsequent preparation of the regional land use and transportation plans extended to the new forecast year. Prior Commission population forecasts for the Region are shown on Figure 19, along with the new high, intermediate, and low projections for 2050.

Figure 17

ACTUAL AND PROJECTED POPULATION IN THE REGION BY COUNTY: 1950-2050

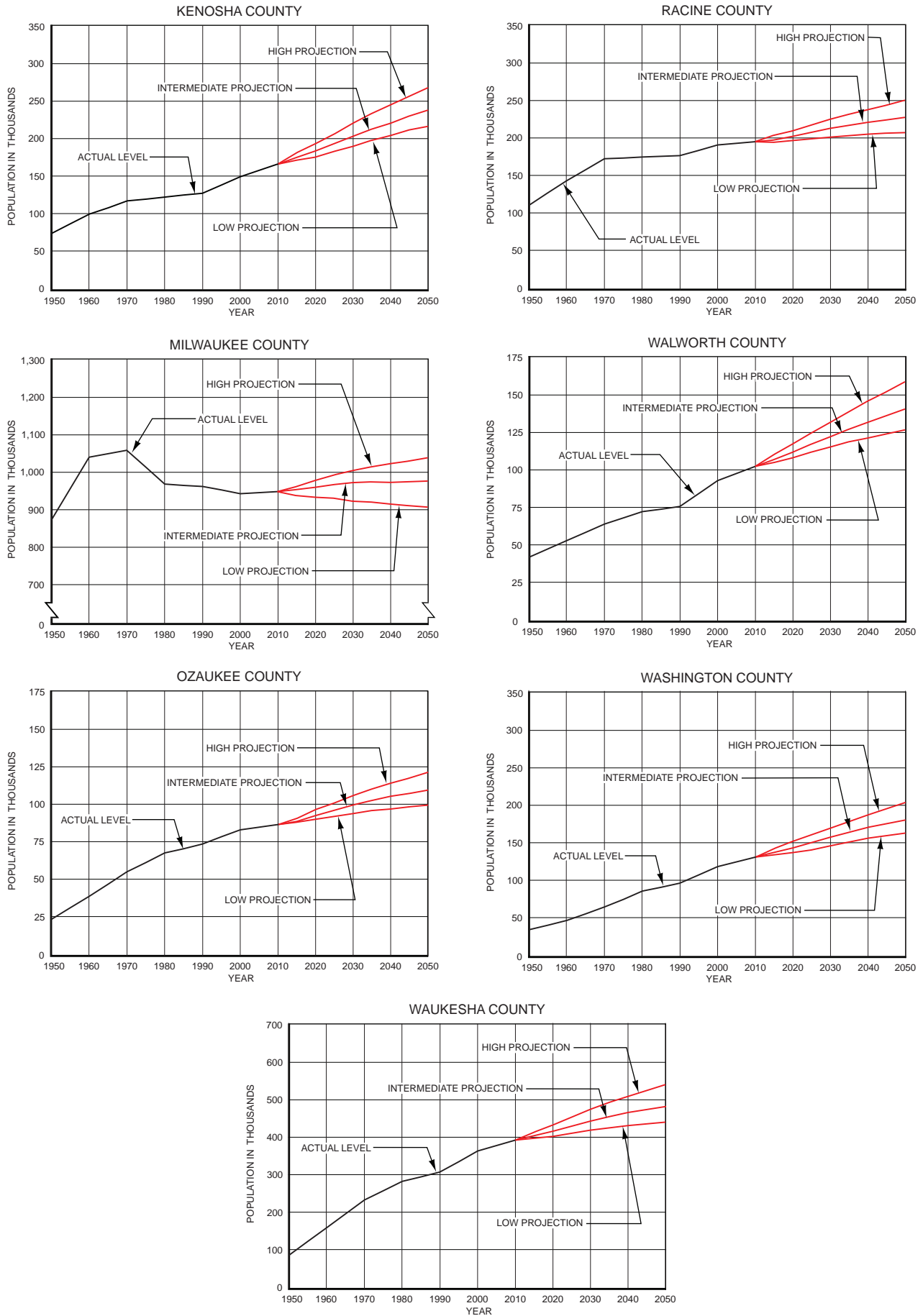




Table 34

**ACTUAL AND PROJECTED POPULATION IN KENOSHA COUNTY: 2010-2050**

Year	High Projection			Intermediate Projection			Low Projection		
	Population	Change from Preceding Year		Population	Change from Preceding Year		Population	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Population: 2010	166,400	--	--	166,400	--	--	166,400	--	--
Projected Population									
2015	180,100	13,700	8.2	174,600	8,200	4.9	170,700	4,300	2.6
2020	192,500	12,400	6.9	183,700	9,100	5.2	175,500	4,800	2.8
2025	205,600	13,100	6.8	193,300	9,600	5.2	182,700	7,200	4.1
2030	219,100	13,500	6.6	202,800	9,500	4.9	189,800	7,100	3.9
2035	232,500	13,400	6.1	212,000	9,200	4.5	197,200	7,400	3.9
2040	244,700	12,200	5.2	220,700	8,700	4.1	204,100	6,900	3.5
2045	255,900	11,200	4.6	229,200	8,500	3.9	210,900	6,800	3.3
2050	267,400	11,500	4.5	238,000	8,800	3.8	216,000	5,100	2.4
Change: 2010-2050	--	101,000	60.7	--	71,600	43.0	--	49,600	29.8

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

Table 35

**ACTUAL AND PROJECTED POPULATION IN MILWAUKEE COUNTY: 2010-2050**

Year	High Projection			Intermediate Projection			Low Projection		
	Population	Change from Preceding Year		Population	Change from Preceding Year		Population	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Population: 2010	947,800	--	--	947,800	--	--	947,800	--	--
Projected Population									
2015	961,200	13,400	1.4	952,600	4,800	0.5	938,400	-9,400	-1.0
2020	976,800	15,600	1.6	959,800	7,200	0.8	934,300	-4,100	-0.4
2025	991,600	14,800	1.5	966,500	6,700	0.7	930,000	-4,300	-0.5
2030	1,003,800	12,200	1.2	970,800	4,300	0.4	923,800	-6,200	-0.7
2035	1,013,100	9,300	0.9	972,600	1,800	0.2	920,000	-3,800	-0.4
2040	1,021,000	7,900	0.8	973,300	700	0.1	915,300	-4,700	-0.5
2045	1,029,100	8,100	0.8	974,300	1,000	0.1	910,900	-4,400	-0.5
2050	1,038,500	9,400	0.9	976,700	2,400	0.2	908,100	-2,800	-0.3
Change: 2010-2050	--	90,700	9.6	--	28,900	3.0	--	-39,700	-4.2

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

Table 36

**ACTUAL AND PROJECTED POPULATION IN OZAUKEE COUNTY: 2010-2050**

Year	High Projection			Intermediate Projection			Low Projection		
	Population	Change from Preceding Year		Population	Change from Preceding Year		Population	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Population: 2010	86,400	--	--	86,400	--	--	86,400	--	--
Projected Population									
2015	90,500	4,100	4.7	88,600	2,200	2.5	87,700	1,300	1.5
2020	96,000	5,500	6.1	92,000	3,400	3.8	89,600	1,900	2.2
2025	100,700	4,700	4.9	95,600	3,600	3.9	91,700	2,100	2.3
2030	105,300	4,600	4.6	99,100	3,500	3.7	93,500	1,800	2.0
2035	109,500	4,200	4.0	102,200	3,100	3.1	95,200	1,700	1.8
2040	113,400	3,900	3.6	104,700	2,500	2.4	96,500	1,300	1.4
2045	116,900	3,500	3.1	106,800	2,100	2.0	97,800	1,300	1.3
2050	120,500	3,600	3.1	109,100	2,300	2.2	99,200	1,400	1.4
Change: 2010-2050	--	34,100	39.5	--	22,700	26.3	--	12,800	14.8

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

Table 37

**ACTUAL AND PROJECTED POPULATION IN RACINE COUNTY: 2010-2050**

Year	High Projection			Intermediate Projection			Low Projection		
	Population	Change from Preceding Year		Population	Change from Preceding Year		Population	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Population: 2010	195,400	--	--	195,400	--	--	195,400	--	--
Projected Population									
2015	203,800	8,400	4.3	198,000	2,600	1.3	194,900	-500	-0.3
2020	210,000	6,200	3.0	202,000	4,000	2.0	196,800	1,900	1.0
2025	217,300	7,300	3.5	207,300	5,300	2.6	199,500	2,700	1.4
2030	224,700	7,400	3.4	212,400	5,100	2.5	201,800	2,300	1.2
2035	231,400	6,700	3.0	217,000	4,600	2.2	203,600	1,800	0.9
2040	237,600	6,200	2.7	220,900	3,900	1.8	205,300	1,700	0.8
2045	244,000	6,400	2.7	224,400	3,500	1.6	206,500	1,200	0.6
2050	250,700	6,700	2.7	227,700	3,300	1.5	207,500	1,000	0.5
Change: 2010-2050	--	55,300	28.3	--	32,300	16.5	--	12,100	6.2

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

Table 38

**ACTUAL AND PROJECTED POPULATION IN WALWORTH COUNTY: 2010-2050**

Year	High Projection			Intermediate Projection			Low Projection		
	Population	Change from Preceding Year		Population	Change from Preceding Year		Population	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Population: 2010	102,200	--	--	102,200	--	--	102,200	--	--
Projected Population									
2015	109,800	7,600	7.4	106,800	4,600	4.5	104,800	2,600	2.5
2020	116,900	7,100	6.5	111,900	5,100	4.8	108,000	3,200	3.1
2025	124,300	7,400	6.3	117,100	5,200	4.6	111,700	3,700	3.4
2030	131,400	7,100	5.7	122,100	5,000	4.3	115,300	3,600	3.2
2035	138,300	6,900	5.3	126,900	4,800	3.9	118,500	3,200	2.8
2040	145,300	7,000	5.1	131,500	4,600	3.6	121,300	2,800	2.4
2045	151,700	6,400	4.4	136,000	4,500	3.4	124,000	2,700	2.2
2050	158,300	6,600	4.4	140,600	4,600	3.4	126,800	2,800	2.3
Change: 2010-2050	--	56,100	54.9	--	38,400	37.6	--	24,600	24.1

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

Table 39

**ACTUAL AND PROJECTED POPULATION IN WASHINGTON COUNTY: 2010-2050**

Year	High Projection			Intermediate Projection			Low Projection		
	Population	Change from Preceding Year		Population	Change from Preceding Year		Population	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Population: 2010	131,900	--	--	131,900	--	--	131,900	--	--
Projected Population									
2015	143,100	11,200	8.5	138,200	6,300	4.8	134,900	3,000	2.3
2020	151,600	8,500	5.9	144,600	6,400	4.6	137,600	2,700	2.0
2025	160,500	8,900	5.9	151,300	6,700	4.6	141,600	4,000	2.9
2030	169,700	9,200	5.7	158,000	6,700	4.4	146,900	5,300	3.7
2035	178,600	8,900	5.2	164,500	6,500	4.1	151,800	4,900	3.3
2040	187,200	8,600	4.8	170,300	5,800	3.5	156,100	4,300	2.8
2045	195,300	8,100	4.3	175,500	5,200	3.1	159,600	3,500	2.2
2050	203,400	8,100	4.1	180,500	5,000	2.8	162,800	3,200	2.0
Change: 2010-2050	--	71,500	54.2	--	48,600	36.8	--	30,900	23.4

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

Table 40

**ACTUAL AND PROJECTED POPULATION IN WAUKESHA COUNTY: 2010-2050**

Year	High Projection			Intermediate Projection			Low Projection		
	Population	Change from Preceding Year		Population	Change from Preceding Year		Population	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Population: 2010	389,900	- -	- -	389,900	- -	- -	389,900	- -	- -
Projected Population									
2015	411,400	21,500	5.5	401,900	12,000	3.1	395,600	5,700	1.5
2020	430,800	19,400	4.7	414,900	13,000	3.2	401,500	5,900	1.5
2025	451,700	20,900	4.9	428,700	13,800	3.3	409,300	7,800	1.9
2030	472,100	20,400	4.5	442,500	13,800	3.2	417,400	8,100	2.0
2035	491,300	19,200	4.1	454,600	12,100	2.7	424,600	7,200	1.7
2040	507,600	16,300	3.3	464,400	9,800	2.2	429,200	4,600	1.1
2045	522,700	15,100	3.0	472,600	8,200	1.8	434,200	5,000	1.2
2050	538,900	16,200	3.1	481,400	8,800	1.9	439,400	5,200	1.2
Change: 2010-2050	- -	149,000	38.2	- -	91,500	23.5	- -	49,500	12.7

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

As shown on Figure 19, the population forecast for the year 1990 that was used as the basis for the initial design year 1990 regional land use and transportation plans anticipated very rapid population growth in the Region. That forecast was prepared prior to, and did not anticipate, the dramatic decrease in birth rates that was to occur in the 1960s and 1970s, the substantial increase in female labor force participation that was also to occur in the 1960s and 1970s, or the substantial net out-migration of population from the Region that was to occur in the 1970s and 1980s. Subsequent population forecasts adopted as the basis for Commission land use and transportation plans for the years 2000, 2010, 2020, and 2035, as well as the new high-, intermediate-, and low-growth projections for the year 2050, are all lower than the initial forecast for 1990.

As noted earlier, the new intermediate population projection for the year 2050—which is expected to serve as the basis for the year 2050 regional land use and transportation plans—envisions a 16.5 percent increase in the regional population over the 40-year period from 2010 to 2050. This compares to an increase of 17.9 percent over the 35-year period from 2000 to 2035 indicated in the previous Commission forecast. The intermediate population projection of 2,354,000 persons for the year 2050 exceeds the previous Commission population forecast for the year 2035 by 78,000 persons, or 3.4 percent.

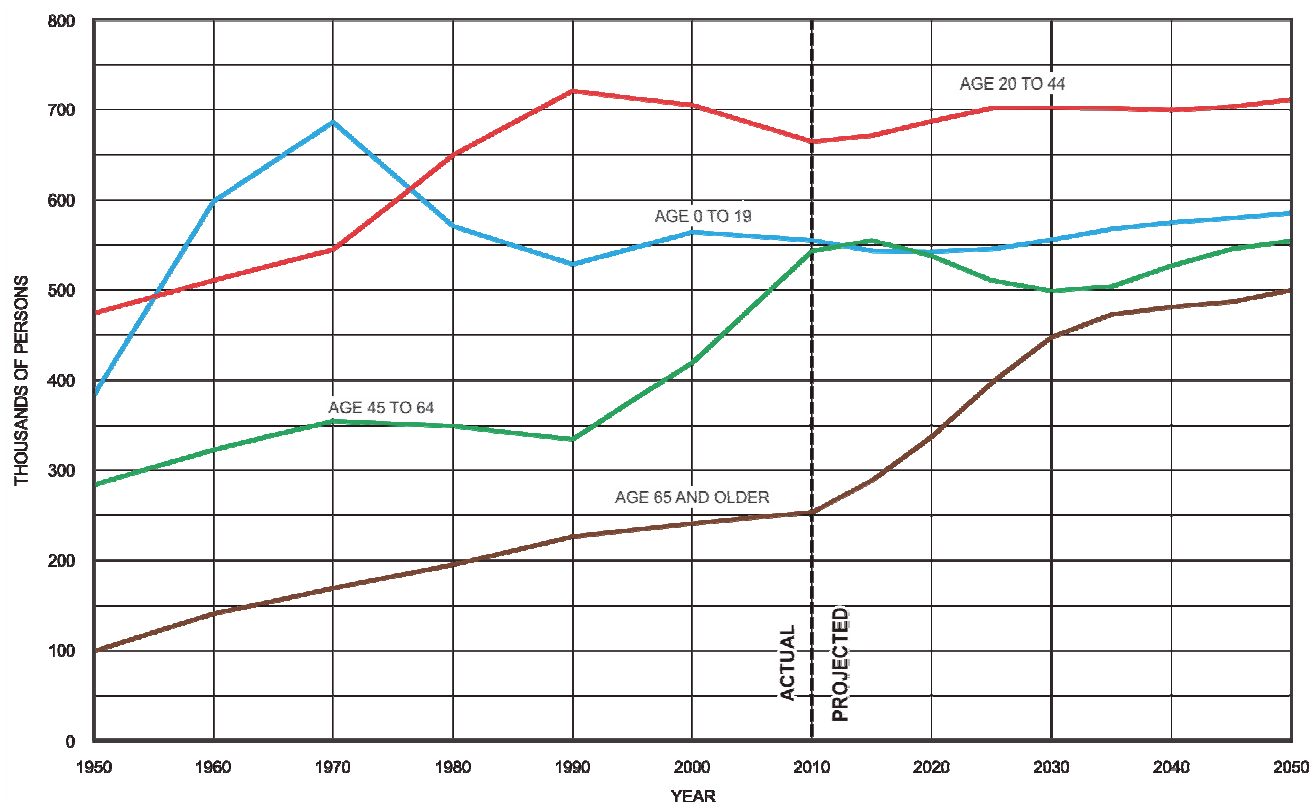
### Comparison to Other-Agency Population Projections

The Commission population projections for the Region are compared with projections of the Wisconsin Department of Administration (DOA) and two independent firms that prepare long-range demographic and economic projections—namely, Moody's Analytics and Woods & Poole Economics, Inc.—in Figure 20. The regional projections from DOA, Moody's Analytics, and Woods & Poole presented on Figure 20 represent the sum of their projections for the seven counties in the Region. At the time of preparation of this report, the latest DOA county-level population projections were for the period 2005 to 2035.<sup>8</sup> Those projections were based upon 2005 population estimates; they were prepared prior to the 2010 census. Population projections prepared by Moody's Analytics and Woods & Poole were for the period 2010 to 2040; they take into account the results of the 2010 census.

<sup>8</sup>The Wisconsin Department of Administration released preliminary statewide population projections to the year 2040 for Wisconsin in July 2012. Those projections indicate a population increase of 14 percent for the State as a whole for the 30-year period from 2010 to 2040, with the most rapid growth occurring between 2015 and 2030.

Figure 18

**ACTUAL AND PROJECTED POPULATION IN THE REGION BY GENERAL AGE GROUP: 1950-2050  
(INTERMEDIATE PROJECTION)**



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

As shown on Figure 20, the new intermediate-growth population projection for the Region is generally between the DOA projections and the projections of Moody's Analytics and Woods & Poole. The new high-growth and low-growth population projections for the Region bracket the other-agency projections. It should be noted that, while the population projections of Moody's Analytics and Woods & Poole for the Region as a whole are similar to each other, their projections differ significantly for the individual counties of the Region.<sup>9</sup>

## HOUSEHOLD PROJECTIONS

Accompanying the changes in the size of the resident population of the Region will be changes in the number and size of households. A household includes all persons who occupy a housing unit—defined by the Census Bureau as a house, apartment, a mobile home, a group of rooms, or a single room that is occupied, or intended for occupancy, as a separate living quarters. Under Census Bureau definitions, the number of households is the same

<sup>9</sup>The year 2040 population projections of Moody's Analytics exceed the Woods & Poole projections by 34 percent in Kenosha County, 15 percent in Milwaukee County, 6 percent in Racine County, and 1 percent in Walworth County. Conversely, the year 2040 population projections of Woods & Poole exceed the Moody's Analytics projections by 30 percent in Ozaukee County, 38 percent in Washington County, and 26 percent in Waukesha County.

Table 41

**ACTUAL AND PROJECTED POPULATION IN THE REGION BY AGE: 2010-2050  
(INTERMEDIATE PROJECTION)**

Age Group	Year								
	2010	2015	2020	2025	2030	2035	2040	2045	2050
Under 5.....	133,503	132,574	137,216	140,037	141,943	142,431	142,100	142,690	145,429
5 to 9 .....	137,010	132,098	131,865	137,117	140,359	142,726	143,716	143,856	144,897
10 to 14.....	140,118	139,101	134,433	134,243	139,642	143,073	145,761	147,090	147,460
15 to 19.....	144,926	140,458	139,757	135,145	134,923	140,421	143,954	146,775	148,232
Subtotal 0 to 19	555,557	544,231	543,271	546,542	556,867	568,651	575,531	580,411	586,018
20 to 24.....	137,595	142,227	138,007	137,820	133,270	133,024	138,287	141,607	144,168
25 to 29.....	137,321	138,260	143,254	138,989	138,780	134,306	134,196	139,553	142,928
30 to 34.....	128,174	138,906	139,990	146,365	142,608	142,113	137,436	137,497	143,497
35 to 39.....	125,851	128,235	139,722	140,774	148,111	145,036	144,657	140,029	140,299
40 to 44.....	136,456	124,949	127,657	139,230	140,077	148,037	145,673	145,563	141,035
Subtotal 20 to 44	665,397	672,577	688,630	703,178	702,846	702,516	700,249	704,249	711,927
45 to 49.....	153,577	134,804	123,656	126,410	137,859	138,682	147,039	145,233	145,348
50 to 54.....	153,402	150,324	132,208	121,400	124,185	135,491	136,465	145,038	143,651
55 to 59.....	132,272	146,515	144,347	127,247	116,965	119,745	130,741	131,976	140,680
60 to 64.....	105,758	123,487	137,658	136,328	120,342	110,726	113,519	124,149	125,665
Subtotal 45 to 64	545,009	555,130	537,869	511,385	499,351	504,644	527,764	546,396	555,344
65 to 69.....	72,622	95,606	112,504	126,263	125,667	111,199	102,561	105,463	115,694
70 to 74.....	54,925	65,029	86,265	102,150	115,300	115,462	102,581	94,932	97,968
75 to 79.....	46,609	47,156	56,542	75,548	89,990	102,322	103,365	92,408	85,915
80 to 84.....	39,940	36,722	37,866	46,070	62,143	74,737	85,979	87,999	79,416
85 and Older.....	39,911	44,344	46,058	48,601	55,664	70,229	87,736	106,837	121,758
Subtotal 65 and Older	254,007	288,857	339,235	398,632	448,764	473,949	482,222	487,639	500,751
Total	2,019,970	2,060,795	2,109,005	2,159,737	2,207,828	2,249,760	2,285,766	2,318,695	2,354,040

NOTE: Age groups which approximate the "baby boom" generation (persons born from 1946 through 1964) are shaded gray.

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

as the number of occupied housing units. Persons not living in households are classified by the Census Bureau as living in group quarters, such as correctional facilities, college dormitories, and military quarters. Information on the number and characteristics of households in the Region, along with related historic trend data, is presented in Chapter II of this report.

### Methodology and Assumptions

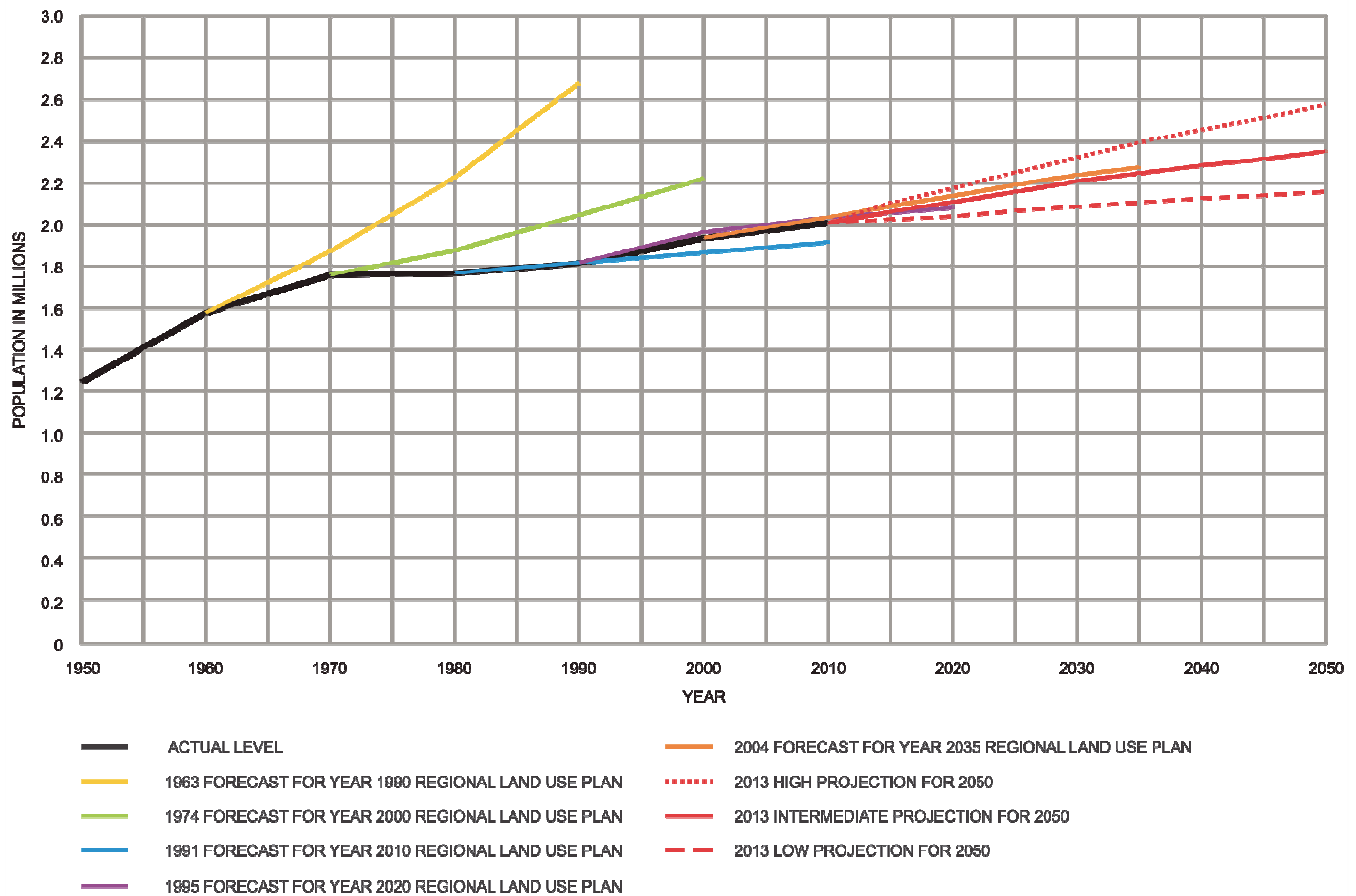
For the intermediate growth scenario, the methodology for projecting households involved the projection of the population in households (as opposed to the group-quarters population); the projection of the average household size; and the application of the projected household size to the projected household population, resulting in the projected number of households. This methodology was applied by county for each five-year cycle of the projection period between 2000 and 2050.

For purposes of projecting the future household population, it was assumed that the relative shares of the population residing in households and group quarters by age group would remain essentially unchanged over the projection period. Under this assumption, the projected household population by age group was derived by applying the ratio of household population to total population for each age group observed in 2010 to the projected total population for the age group.<sup>10</sup> This was done by county for each five-year cycle of the projection period.

<sup>10</sup>The age groups considered were 1-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, and 75 and over.

Figure 19

COMPARISON OF YEAR 2050 POPULATION PROJECTIONS WITH PRIOR COMMISSION FORECASTS



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

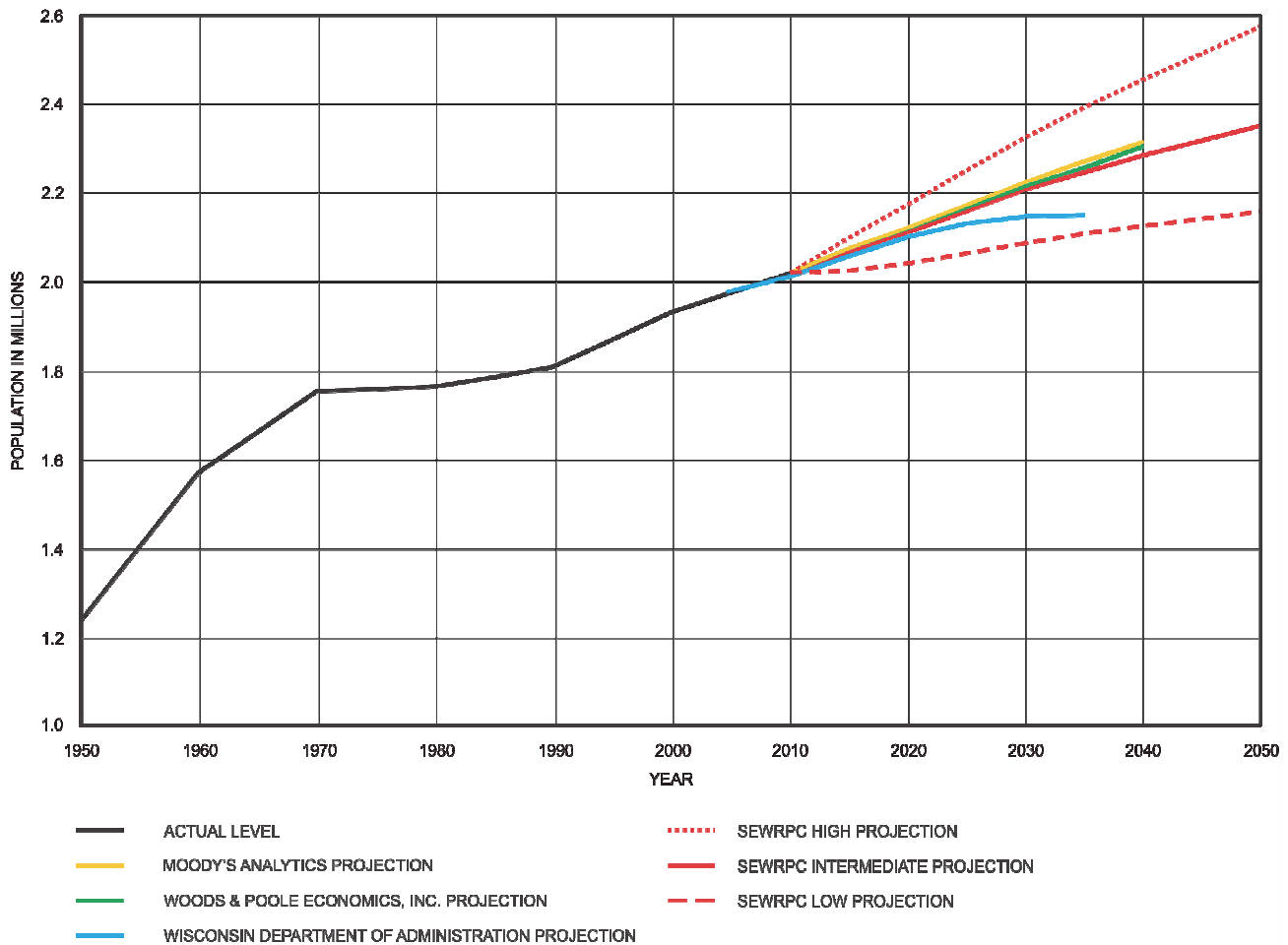
Preliminary household sizes for the year 2050 were then derived for each of the seven counties by dividing the projected household population by the number of households which would exist assuming that the household formation rates observed for each age group in 2010 would continue over the projection period. This resulted in a projected decrease in household size in each county from 2010 to 2050. The resulting household sizes were adjusted as appropriate to avoid unreasonably low values. Household sizes between 2010 and 2050 for each county were interpolated.

The projected number of households under the intermediate-growth scenario was then obtained by dividing the projected total household population by the projected household size. This was done for each county for each five-year cycle over the projection period.

The household projections for the high-growth and low-growth scenarios were prepared in a similar fashion. The projected household populations for the high- and low-growth scenarios were derived in the same manner as described above. It was assumed that future household sizes under the high-growth and low-growth scenarios would be the same as under the intermediate-growth scenario.

Figure 20

COMPARISON OF COMMISSION AND OTHER-AGENCY POPULATION PROJECTIONS



Source: U.S. Bureau of the Census; Wisconsin Department of Administration; Moody's Analytics; Woods & Poole Economics, Inc.; and SEWRPC.

### Projected Households

Household projections based upon the assumptions described in the previous section are presented for the Region in Table 42 and on Figure 21 and for the seven counties in Tables 43 to 49 and Figure 22. The intermediate projection is considered the most likely to be achieved for the Region overall and is intended to serve as the Commission's forecast, to be used as a basis for the preparation of the 2050 regional land use and transportation plans and other regional plans. The high and low projections are intended to provide an indication of the range of households which could conceivably be achieved under significantly higher and lower, but nevertheless plausible, growth scenarios for the Region.

#### Intermediate Household Projection

As indicated in Table 42 and Figure 21, under the intermediate-growth scenario, the number of households in the Region would increase from about 800,100 in 2010 to about 972,400 households in 2050. This represents an increase of about 172,300 households, or 21.5 percent, over the 40-year projection period. The projected increase of 21.5 percent exceeds the projected relative increase in population under the intermediate-growth scenario (16.5 percent).

Table 42

**ACTUAL AND PROJECTED HOUSEHOLDS IN THE REGION: 2010-2050**

Year	High Projection			Intermediate Projection			Low Projection		
	Households	Change from Preceding Year		Households	Change from Preceding Year		Households	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Households: 2010	800,100	--	--	800,100	--	--	800,100	--	--
Projected Households									
2015	835,600	35,500	4.4	820,200	20,100	2.5	806,800	6,700	0.8
2020	870,100	34,500	4.1	844,000	23,800	2.9	817,800	11,000	1.4
2025	905,400	35,300	4.1	868,700	24,700	2.9	831,200	13,400	1.6
2030	940,000	34,600	3.8	892,400	23,700	2.7	844,200	13,000	1.6
2035	972,300	32,300	3.4	913,600	21,200	2.4	857,200	13,000	1.5
2040	1,002,600	30,300	3.1	932,900	19,300	2.1	868,400	11,200	1.3
2045	1,032,500	29,900	3.0	951,700	18,800	2.0	879,900	11,500	1.3
2050	1,064,700	32,200	3.1	972,400	20,700	2.2	892,100	12,200	1.4
Change: 2010-2050	--	264,600	33.1	--	172,300	21.5	--	92,000	11.5

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

Under the intermediate-growth scenario, each county in the Region would increase in households over the 40-year projection period. Household increases projected for the Region's counties under the intermediate-growth scenario between 2010 and 2050 are as follows: Kenosha—32,800 households (52 percent); Milwaukee—26,000 households (7 percent); Ozaukee—10,300 households (30 percent); Racine—18,100 households (24 percent); Walworth—19,200 households (48 percent); Washington—22,700 households (44 percent); and Waukesha—43,200 households (28 percent). In each county, the projected percentage increase in households exceeds the projected percentage increase in population.

Under the intermediate-growth scenario, the average household size for the Region would decrease from 2.47 persons per household in 2010 to 2.36 persons per household in 2050, or by about 4.5 percent (see Table 50 and Figure 23). The average household size for each of the seven counties would decrease somewhat over the projection period. The decrease in household size may be anticipated as a result of a combination of factors, including a continued change in household types, as well as the projected increase in the older population age groups, for which average household sizes tend to be smaller.

### ***High and Low Household Projections***

The high-growth and low-growth household projections for the Region essentially bracket the intermediate-growth household projection. Under the high-growth scenario, the number of households in the Region would increase from 800,100 in 2010 to 1,064,700 in 2050, an increase of 264,600 households, or 33.1 percent. This compares to the increase of 172,300 households, or 21.5 percent, between 2010 and 2050 projected under the intermediate-growth scenario. Under the low-growth scenario, the number of households in the Region would increase to 892,100 in 2050, an increase of 92,000 households, or 11.5 percent, over 2010. For each county in the Region, the new high-growth and low-growth household projections bracket the intermediate-growth household projection.

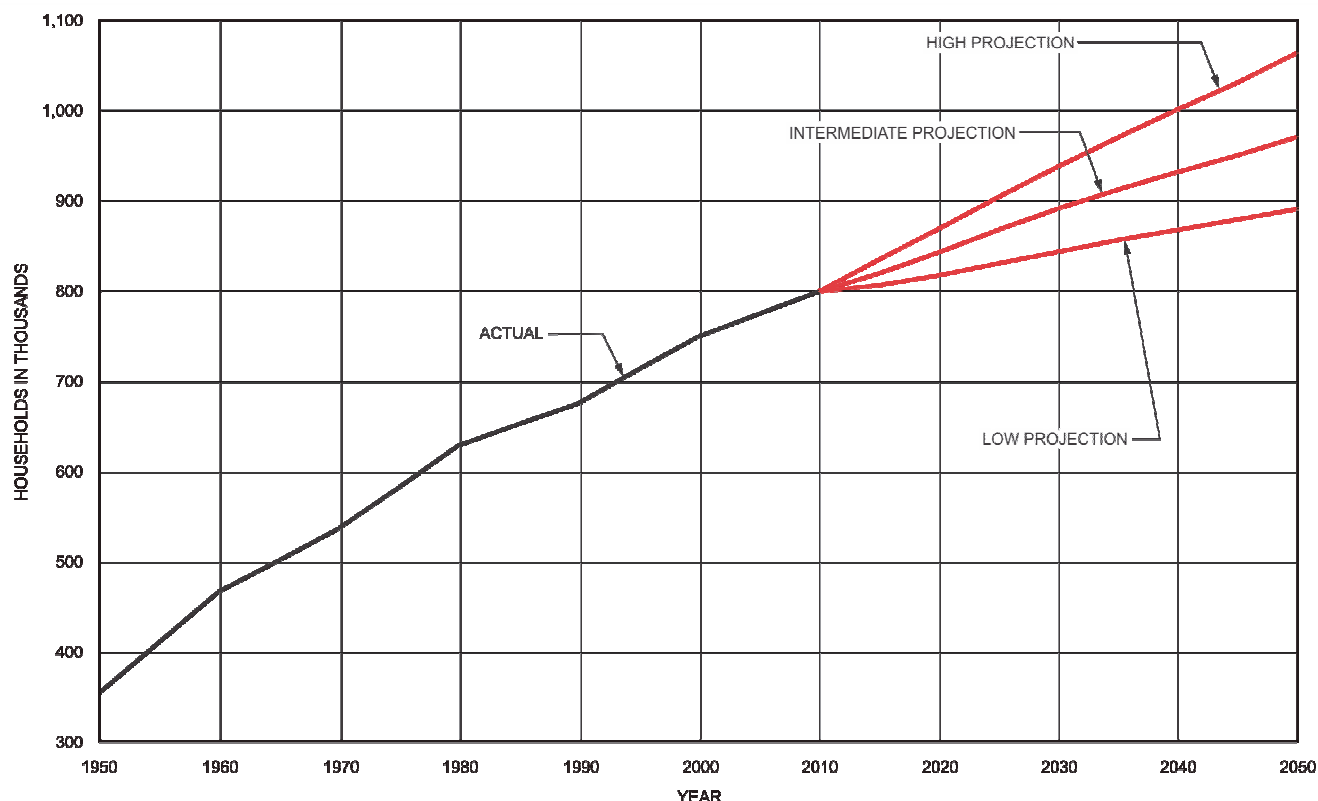
### **Comparison to Previous Commission Household Projections**

Figure 24 presents a comparison of the new household projections for the Region for 2050 with prior household forecasts prepared by the Commission and used as a basis for previous regional land use and transportation plans. As noted above, the intermediate projection for the year 2050—which is expected to serve as the basis for the year



Figure 21

ACTUAL AND PROJECTED HOUSEHOLDS IN THE REGION: 1950-2050



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

2050 regional land use and transportation plans—envision a 21.5 percent increase in the number of households in the Region over the 40-year period from 2010 to 2050. This compares to an increase of 23.6 percent over the 35-year period from 2000 to 2035 indicated in the previous Commission forecast. The intermediate projection of 972,400 households for the year 2050 exceeds the previous Commission forecast for the year 2035 by 46,700 households, or 5.0 percent.

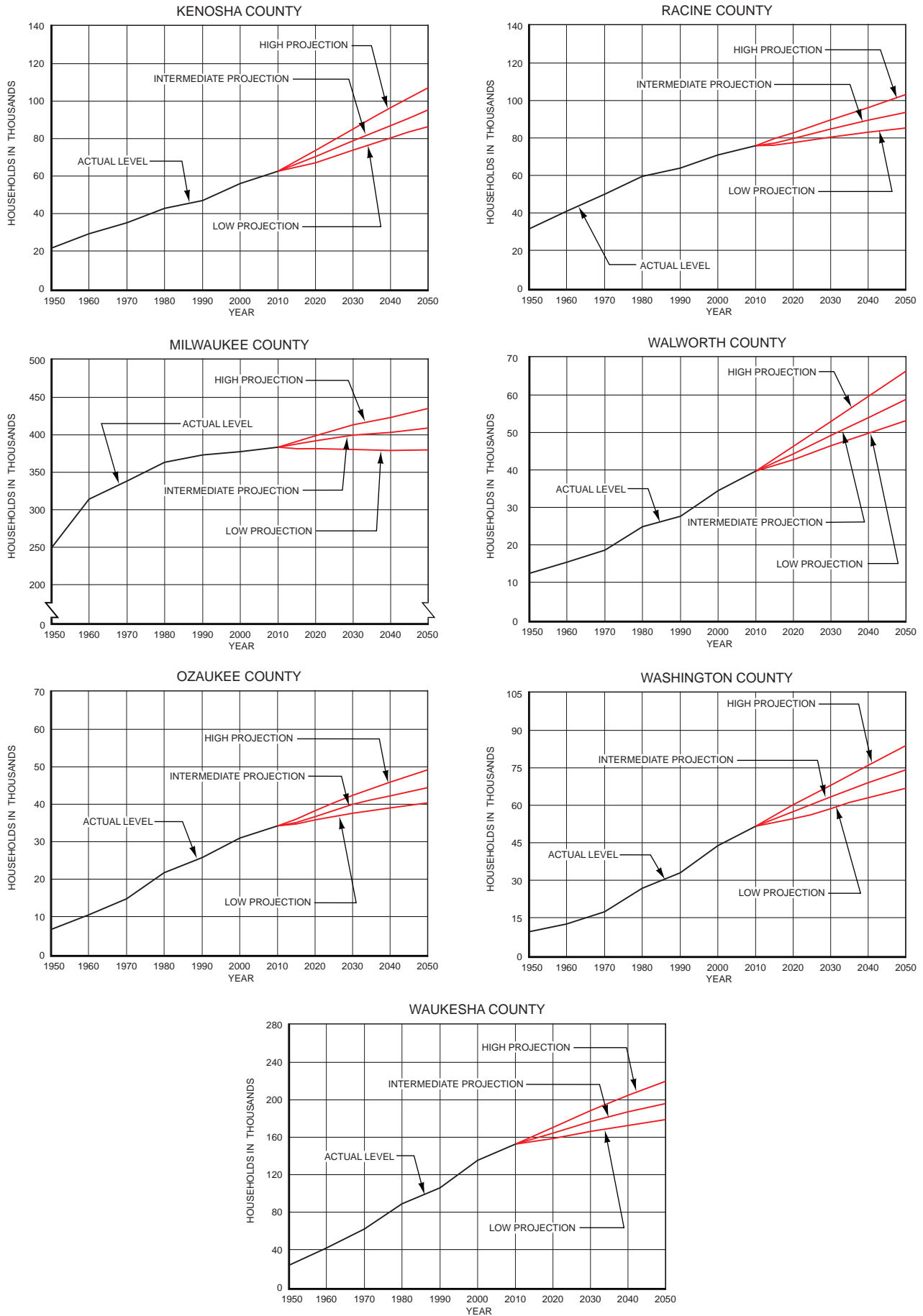
A comparison of Figure 24 with Figure 19 indicates that early Commission household forecasts conformed more closely to actual experience than the early Commission population forecasts.

### Comparison to Other-Agency Household Projections

The Commission household projections for the Region are compared with projections of the Wisconsin Department of Administration (DOA) and those of Moody's Analytics and Woods & Poole Economics, Inc. in Figure 25. The regional projections from DOA, Moody's Analytics, and Woods & Poole presented on Figure 25 represent the sum of their projections for the seven counties in the Region. At the time of preparation of this report, Wisconsin Department of Administration (DOA) county-level household projections were for period 2005 to 2035. Those projections were based upon 2005 household estimates; they were prepared prior to the 2010 census. Household projections prepared by Moody's Analytics and Woods & Poole were for the period 2010 to 2040; they take into account the results of the 2010 census.

Figure 22

ACTUAL AND PROJECTED HOUSEHOLDS IN THE REGION BY COUNTY: 1950-2050



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

Table 43

**ACTUAL AND PROJECTED HOUSEHOLDS IN KENOSHA COUNTY: 2010-2050**

Year	High Projection			Intermediate Projection			Low Projection		
	Households	Change from Preceding Year		Households	Change from Preceding Year		Households	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Households: 2010	62,600	--	--	62,600	--	--	62,600	--	--
Projected Households									
2015	68,400	5,800	9.3	66,300	3,700	5.9	64,800	2,200	3.5
2020	73,700	5,300	7.7	70,300	4,000	6.0	67,200	2,400	3.7
2025	79,300	5,600	7.6	74,600	4,300	6.1	70,500	3,300	4.9
2030	85,200	5,900	7.4	78,900	4,300	5.8	73,800	3,300	4.7
2035	91,100	5,900	6.9	83,100	4,200	5.3	77,200	3,400	4.6
2040	96,600	5,500	6.0	87,100	4,000	4.8	80,500	3,300	4.3
2045	101,800	5,200	5.4	91,100	4,000	4.6	83,800	3,300	4.1
2050	107,200	5,400	5.3	95,400	4,300	4.7	86,600	2,800	3.3
Change: 2010-2050	--	44,600	71.2	--	32,800	52.4	--	24,000	38.3

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

Table 44

**ACTUAL AND PROJECTED HOUSEHOLDS IN MILWAUKEE COUNTY: 2010-2050**

Year	High Projection			Intermediate Projection			Low Projection		
	Households	Change from Preceding Year		Households	Change from Preceding Year		Households	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Households: 2010	383,600	--	--	383,600	--	--	383,600	--	--
Projected Households									
2015	390,700	7,100	1.9	387,200	3,600	0.9	381,400	-2,200	-0.6
2020	399,100	8,400	2.1	392,100	4,900	1.3	381,600	200	0.1
2025	406,800	7,700	1.9	396,500	4,400	1.1	381,500	-100	0.0
2030	413,300	6,500	1.6	399,800	3,300	0.8	380,400	-1,100	-0.3
2035	418,700	5,400	1.3	402,000	2,200	0.6	380,300	-100	0.0
2040	423,800	5,100	1.2	403,900	1,900	0.5	379,900	-400	-0.1
2045	429,100	5,300	1.3	406,300	2,400	0.6	379,900	0	0.0
2050	435,500	6,400	1.5	409,600	3,300	0.8	380,800	900	0.2
Change: 2010-2050	--	51,900	13.5	--	26,000	6.8	--	-2,800	-0.7

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

Table 45

**ACTUAL AND PROJECTED HOUSEHOLDS IN OZAUKEE COUNTY: 2010-2050**

Year	High Projection			Intermediate Projection			Low Projection		
	Households	Change from Preceding Year		Households	Change from Preceding Year		Households	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Households: 2010	34,200	--	--	34,200	--	--	34,200	--	--
Projected Households									
2015	36,000	1,800	5.3	35,200	1,000	2.9	34,900	700	2.0
2020	38,300	2,300	6.4	36,700	1,500	4.3	35,800	900	2.6
2025	40,300	2,000	5.2	38,300	1,600	4.4	36,700	900	2.5
2030	42,400	2,100	5.2	39,900	1,600	4.2	37,600	900	2.5
2035	44,200	1,800	4.2	41,200	1,300	3.3	38,400	800	2.1
2040	45,900	1,700	3.8	42,300	1,100	2.7	39,000	600	1.6
2045	47,500	1,600	3.5	43,300	1,000	2.4	39,700	700	1.8
2050	49,200	1,700	3.6	44,500	1,200	2.8	40,400	700	1.8
Change: 2010-2050	--	15,000	43.9	--	10,300	30.1	--	6,200	18.1

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

Table 46

## ACTUAL AND PROJECTED HOUSEHOLDS IN RACINE COUNTY: 2010-2050

Year	High Projection			Intermediate Projection			Low Projection		
	Households	Change from Preceding Year		Households	Change from Preceding Year		Households	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Households: 2010	75,700	--	--	75,700	--	--	75,700	--	--
Projected Households									
2015	79,400	3,700	4.9	77,200	1,500	2.0	76,000	300	0.4
2020	82,500	3,100	3.9	79,400	2,200	2.8	77,300	1,300	1.7
2025	86,000	3,500	4.2	82,100	2,700	3.4	79,000	1,700	2.2
2030	89,600	3,600	4.2	84,700	2,600	3.2	80,500	1,500	1.9
2035	93,000	3,400	3.8	87,200	2,500	3.0	81,800	1,300	1.6
2040	96,200	3,200	3.4	89,500	2,300	2.6	83,100	1,300	1.6
2045	99,600	3,400	3.5	91,600	2,100	2.3	84,300	1,200	1.4
2050	103,200	3,600	3.6	93,800	2,200	2.4	85,400	1,100	1.3
Change: 2010-2050	--	27,500	36.3	--	18,100	23.9	--	9,700	12.8

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

Table 47

## ACTUAL AND PROJECTED HOUSEHOLDS IN WALWORTH COUNTY: 2010-2050

Year	High Projection			Intermediate Projection			Low Projection		
	Households	Change from Preceding Year		Households	Change from Preceding Year		Households	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Households: 2010	39,700	--	--	39,700	--	--	39,700	--	--
Projected Households									
2015	43,100	3,400	8.6	41,900	2,200	5.5	41,100	1,400	3.5
2020	46,300	3,200	7.4	44,300	2,400	5.7	42,700	1,600	3.9
2025	49,600	3,300	7.1	46,800	2,500	5.6	44,600	1,900	4.4
2030	53,000	3,400	6.9	49,300	2,500	5.3	46,500	1,900	4.3
2035	56,300	3,300	6.2	51,700	2,400	4.9	48,200	1,700	3.7
2040	59,700	3,400	6.0	54,000	2,300	4.4	49,800	1,600	3.3
2045	63,000	3,300	5.5	56,400	2,400	4.4	51,500	1,700	3.4
2050	66,300	3,300	5.2	58,900	2,500	4.4	53,100	1,600	3.1
Change: 2010-2050	--	26,600	67.0	--	19,200	48.4	--	13,400	33.8

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

Table 48

## ACTUAL AND PROJECTED HOUSEHOLDS IN WASHINGTON COUNTY: 2010-2050

Year	High Projection			Intermediate Projection			Low Projection		
	Households	Change from Preceding Year		Households	Change from Preceding Year		Households	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Households: 2010	51,600	--	--	51,600	--	--	51,600	--	--
Projected Households									
2015	56,400	4,800	9.3	54,500	2,900	5.6	53,200	1,600	3.1
2020	60,100	3,700	6.6	57,300	2,800	5.1	54,600	1,400	2.6
2025	64,000	3,900	6.5	60,300	3,000	5.2	56,400	1,800	3.3
2030	68,000	4,000	6.3	63,300	3,000	5.0	58,800	2,400	4.3
2035	72,000	4,000	5.9	66,300	3,000	4.7	61,200	2,400	4.1
2040	75,900	3,900	5.4	69,000	2,700	4.1	63,200	2,000	3.3
2045	79,700	3,800	5.0	71,600	2,600	3.8	65,000	1,800	2.8
2050	83,800	4,100	5.1	74,300	2,700	3.8	67,000	2,000	3.1
Change: 2010-2050	--	32,200	62.4	--	22,700	44.0	--	15,400	29.8

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

Table 49

**ACTUAL AND PROJECTED HOUSEHOLDS IN WAUKESHA COUNTY: 2010-2050**

Year	High Projection			Intermediate Projection			Low Projection		
	Households	Change from Preceding Year		Households	Change from Preceding Year		Households	Change from Preceding Year	
		Number	Percent		Number	Percent		Number	Percent
Actual Households: 2010	152,700	--	--	152,700	--	--	152,700	--	--
Projected Households									
2015	161,600	8,900	5.8	157,900	5,200	3.4	155,400	2,700	1.8
2020	170,200	8,600	5.3	163,900	6,000	3.8	158,600	3,200	2.1
2025	179,300	9,100	5.3	170,200	6,300	3.8	162,500	3,900	2.5
2030	188,400	9,100	5.1	176,600	6,400	3.8	166,500	4,000	2.5
2035	197,000	8,600	4.6	182,200	5,600	3.2	170,200	3,700	2.2
2040	204,500	7,500	3.8	187,100	4,900	2.7	172,900	2,700	1.6
2045	211,800	7,300	3.6	191,400	4,300	2.3	175,800	2,900	1.7
2050	219,500	7,700	3.6	195,900	4,500	2.4	178,800	3,000	1.7
Change: 2010-2050	--	66,800	43.7	--	43,200	28.3	--	26,100	17.1

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

As shown on Figure 25, the other-agency projections envision somewhat more rapid growth in households than the Commission's new intermediate-growth projections during the first half of the projection period—and somewhat slower growth during the second half. The Commission's new high-growth and low-growth household projections for the Region generally bracket the other-agency projections. It should be noted that, while the household projections of Moody's Analytics and Woods & Poole for the Region as a whole are similar to each other, their projections differ significantly for the individual counties of the Region.<sup>11</sup>

## FUTURE RACIAL/ETHNIC MAKEUP OF THE POPULATION

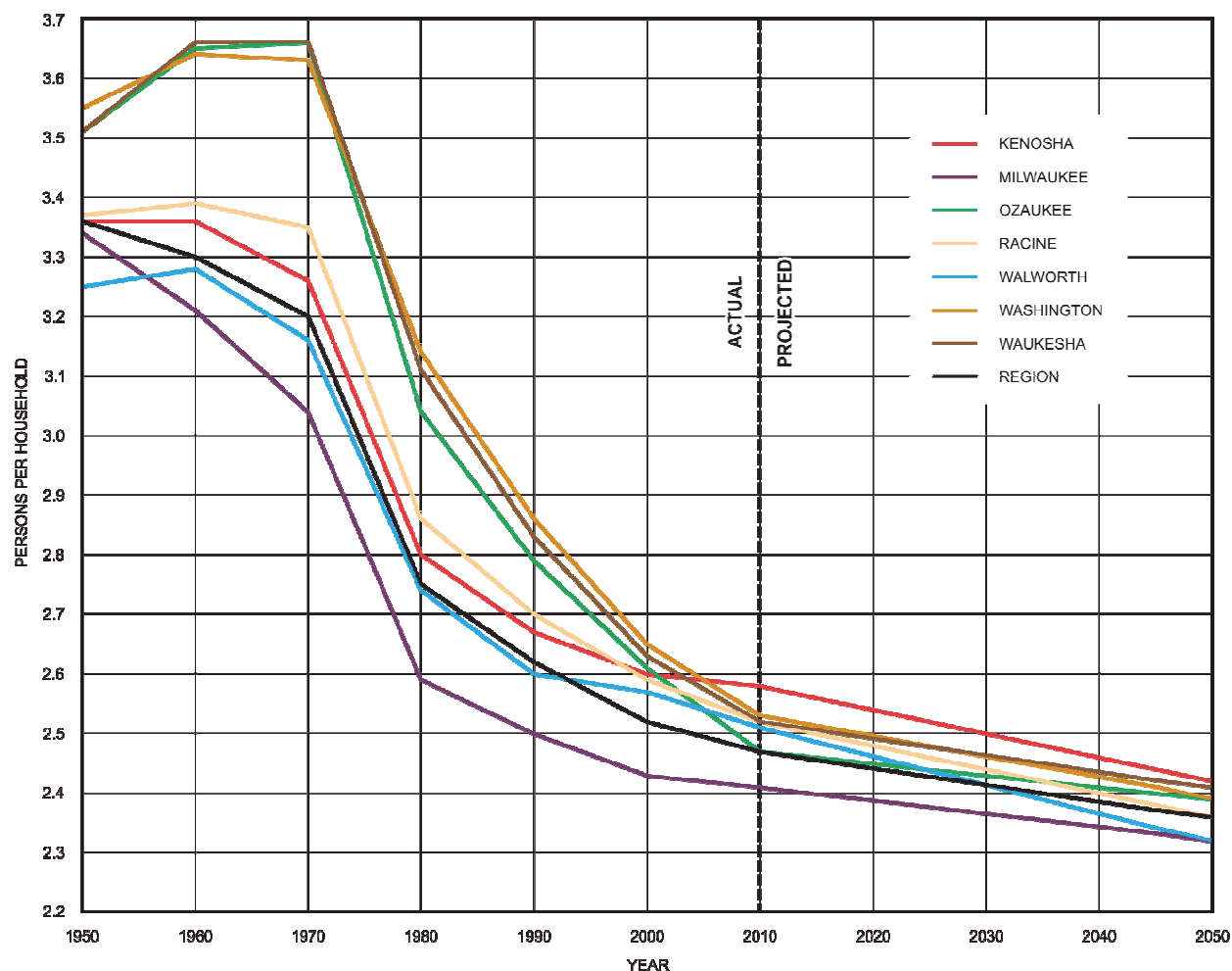
As indicated in Chapter II, the racial/ethnic makeup of the Region's population is changing. The projected growth in the Region's population described in this chapter may be expected to be accompanied by continued change in the racial/ethnic makeup.

Table 51 indicates the size of the minority population of the Region—identified on the basis of Hispanic origin and race—based upon data from the past four censuses. The minority population includes persons reported in the census as being of Hispanic origin and/or reporting their race as Black or African American, American Indian/Alaska Native, Asian, Native Hawaiian/Pacific Islander, some other race, or more than one race. As indicated on Table 51, the minority population of the Region increased from 233,100 persons in 1980 to 582,900 persons in 2010—an increase of 349,800 persons, or 150 percent. During the same time the non-Hispanic White population decreased by 94,700 persons, or 6 percent—from 1,531,800 persons in 1980 to 1,437,100 persons in 2010. The minority share of the total regional population increased from 13 percent in 1980 to 29 percent in 2010. The non-Hispanic White share decreased from 87 percent in 1980 to 71 percent in 2010.

<sup>11</sup>The year 2040 household projections of Moody's Analytics exceed the Woods & Poole projections by 29 percent in Kenosha County, 15 percent in Milwaukee County, and 5 percent in Racine County. Conversely, the year 2040 household projections of Woods & Poole exceed the Moody's Analytics projections by 31 percent in Ozaukee County, 2 percent in Walworth County, 40 percent in Washington County, and 28 percent in Waukesha County.

Figure 23

**ACTUAL AND PROJECTED PERSONS PER HOUSEHOLD IN THE REGION BY COUNTY: 1950-2050**



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

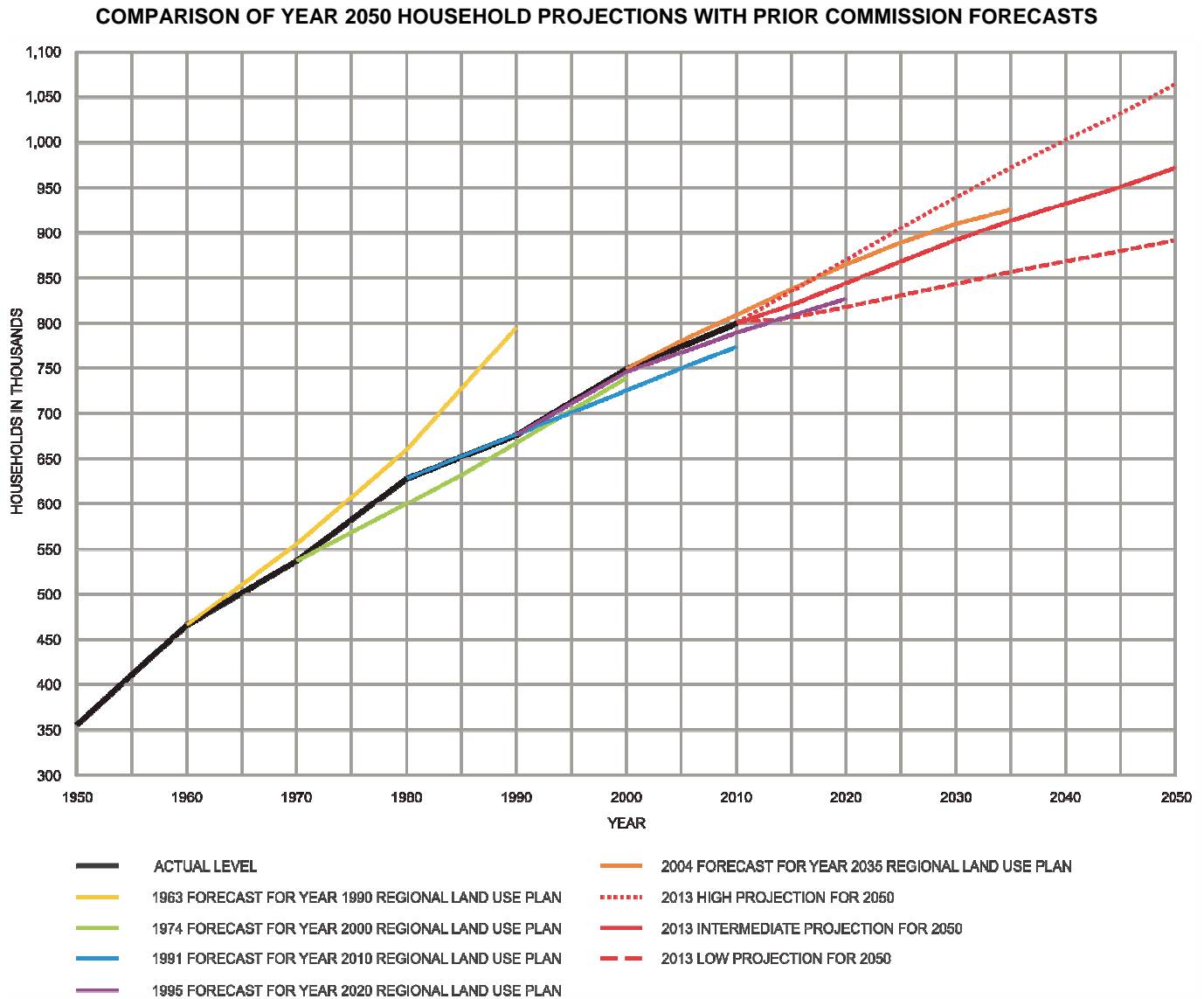
**Table 50**  
**AVERAGE HOUSEHOLD SIZE IN THE REGION BY COUNTY: ACTUAL 2010 AND PROJECTED 2050**

County	Average Household Size (Persons per Household)	
	Actual 2010	Projected 2050
Kenosha .....	2.58	2.42
Milwaukee.....	2.41	2.32
Ozaukee .....	2.47	2.39
Racine .....	2.52	2.36
Walworth .....	2.51	2.32
Washington.....	2.53	2.39
Waukesha .....	2.52	2.41
Region	2.47	2.36

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

Table 52 shows the projected racial/ethnic composition of the Region's population, based upon a continuation of the pattern of change of the past 30 years. Specifically, Table 52 indicates the relative distribution of population by race and ethnicity for the year 2050—assuming that the average annual numeric change in population for each group experienced between 1980 and 2010 would continue over the period from 2010 to 2050. Under these circumstances, the minority share of the total regional population would increase from 29 percent in 2010 to nearly 45 percent in 2050. The non-Hispanic White share would decrease from 71 percent in 2010 to just over 55 percent in 2050.

Figure 24



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

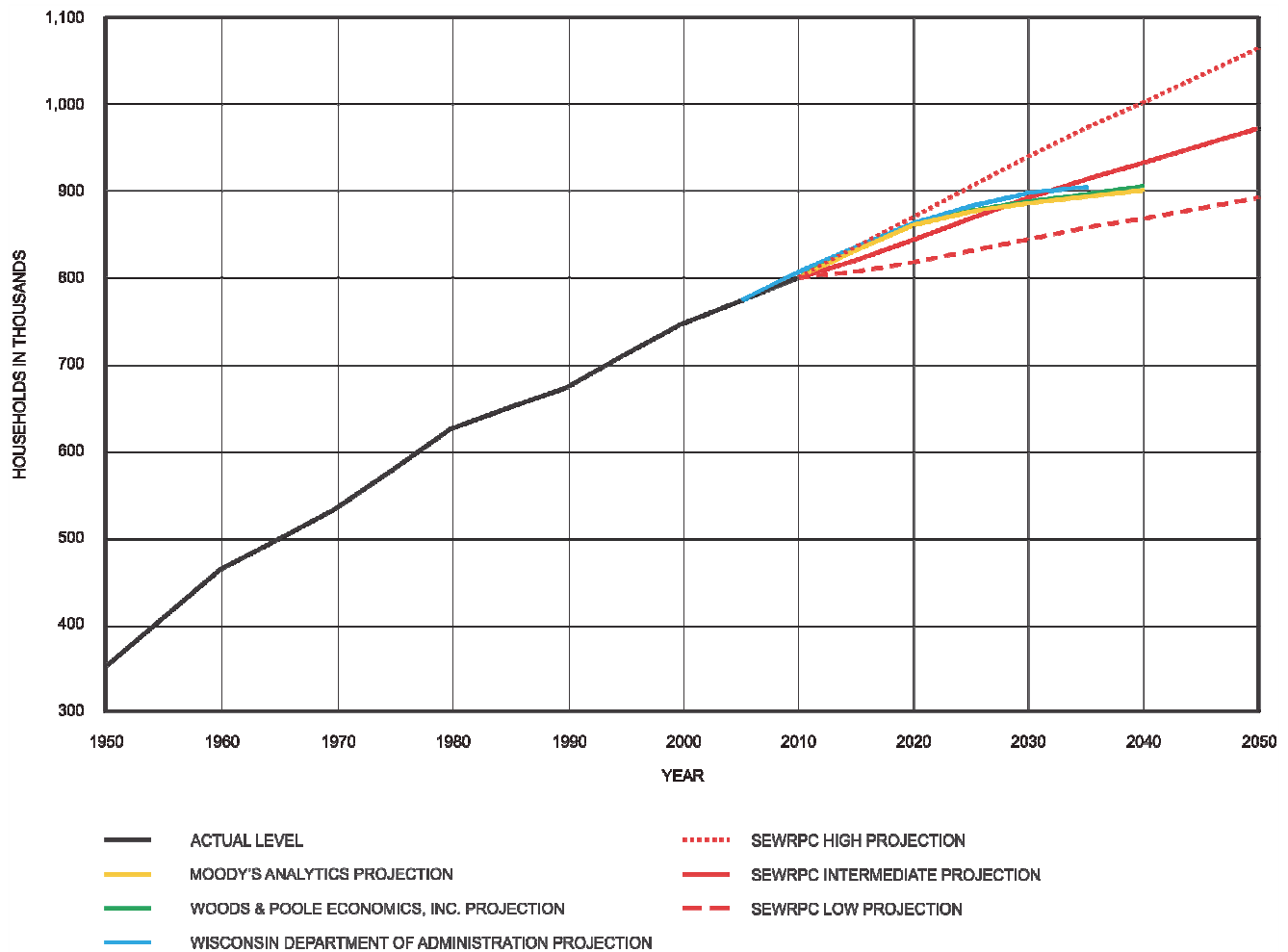
For comparison, the racial/ethnic makeup of the population of the Nation overall, as projected by the U.S. Census Bureau, is presented in Table 53. These projections are from the set of national population projections released by the Census Bureau in 2008. The Census Bureau projections envision that the racial/ethnic makeup of the national population would change considerably, and in a manner similar to that projected for the Region, in the coming decades. The minority share of the total national population would increase from 36 percent in 2010 to 54 percent in 2050. The non-Hispanic White share of the national population would decrease from 64 percent in 2010 to 46 percent in 2050.

## SUMMARY

This chapter has presented new demographic projections for the Southeastern Wisconsin Region for the period from 2010 to 2050. The previous Commission projections, prepared in 2004, pertained to the period from 2000 to

Figure 25

COMPARISON OF COMMISSION AND OTHER AGENCY HOUSEHOLD PROJECTIONS



Source: U.S. Bureau of the Census; Wisconsin Department of Administration; Moody's Analytics; Woods & Poole Economics, Inc.; and SEWRPC.

2035. Under the current population study, as in prior studies, the Commission has projected a range of future population and household levels—high, intermediate, and low—for the Region. This approach recognizes the uncertainty that surrounds any effort to predict future socio-economic conditions. The intermediate projection prepared under this study is considered the most likely to be achieved for the Region overall, and, in this sense, constitutes the Commission's forecast, to be used as a basis for the preparation of the new year 2050 regional land use and transportation plans and other elements of the comprehensive plan for the Region. The high and low projections are intended to provide an indication of the range of population and household levels which could conceivably be achieved under significantly higher and lower, but nevertheless plausible, growth scenarios for the Region.



Table 51

## POPULATION BY RACE AND HISPANIC ORIGIN IN THE REGION: 1980-2010

Race/Ethnicity <sup>a</sup>	1980 Population		1990 Population		2000 Population		2010 Population	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
Non-Hispanic White Population.....	1,531,800	86.8	1,494,797	82.6	1,479,103	76.5	1,437,105	71.1
Minority Population: <sup>b</sup>								
Non-Hispanic Black/African American .....	166,532	9.5	217,573	12.0	259,881	13.5	288,550	14.3
Non-Hispanic Other Race.....	20,135	1.1	30,057	1.7	67,530	3.5	94,096	4.7
Hispanic—Any Race .....	46,452	2.6	67,937	3.7	126,394	6.5	200,219	9.9
Subtotal	233,119	13.2	315,567	17.4	453,805	23.5	582,865	28.9
Total	1,764,919	100.0	1,810,364	100.0	1,932,908	100.0	2,019,970	100.0

Race/Ethnicity <sup>a</sup>	Change 1980-1990		Change 1990-2000		Change 2000-2010		Change 1980-2010	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Non-Hispanic White Population.....	-37,003	-2.4	-15,694	-1.0	-41,998	-2.8	-94,695	-6.2
Minority Population: <sup>b</sup>								
Non-Hispanic Black/African American .....	51,041	30.6	42,308	19.4	28,669	11.0	122,018	73.3
Non-Hispanic Other Race.....	9,922	49.3	37,473	124.7	26,566	39.3	73,961	367.3
Hispanic—Any Race .....	21,485	46.3	58,457	86.0	73,825	58.4	153,767	331.0
Subtotal	82,448	35.4	138,238	43.8	129,060	28.4	349,746	150.0
Total	45,445	2.6	122,544	6.8	87,062	4.5	255,051	14.5

<sup>a</sup>In the 2000 and 2010 censuses, respondents were given the opportunity to specify more than one race when responding to questions on racial identity. On this table, all Non-Hispanic persons reporting more than one race in 2000 and/or 2010 are included in the "Non-Hispanic Other Race" category.

<sup>b</sup>The minority population includes persons reported in the census as being of Hispanic origin and/or reporting their race as Black or African American, American Indian/Alaska Native, Asian, Native Hawaiian/Pacific Islander, some other race, or more than one race.

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

The new population projections were developed using the cohort-component population projection model, with specific assumptions made regarding future fertility, survival, and migration. The high, intermediate, and low projections all envision a moderate increase in the total fertility rate and a moderate improvement in survival rates. The three sets of projections differ primarily in terms of assumed future migration levels. The intermediate projection envisions a gradual improvement in net migration for the Region—from a modest net out-migration in the early part of the projection period to a modest net in-migration in the later part—in response to economic growth in the Region over the long term and the need for additional workers as baby-boomers retire from the workforce. The high-growth projection assumes a higher level of net migration into the Region than the intermediate projection. The low-growth projection assumes a substantial net out-migration from the Region.

Household projections were developed for each growth scenario based upon the projected total population and associated projected household population, along with projected household sizes.

A summary of the demographic projections for the Region as presented in this chapter follows:

- The Commission intermediate projection envisions that the regional population would increase by 334,000 persons, or 16.5 percent, from 2,020,000 persons in 2010 to 2,354,000 persons in 2050. The high projection indicates that the population of the Region could be as high as 2,577,700 persons in 2050, an increase of about 557,700 persons, or 27.6 percent, over the 2010 level. Conversely, the low projection indicates that the regional population could be as low as 2,159,800 persons in 2050, an increase of 139,800 persons, or 6.9 percent, over 2010.

- The new projections anticipate continued change in the age composition of the regional population in the coming decades. Under the intermediate projection, while the broad age groups 0-19 years, 20-44 years, and 45-64 years are projected to be relatively stable, persons age 65 and over are projected to nearly double during the projection period—a reflection of the aging of the large baby-boom population (persons born from 1946 through 1964). Persons age 65 and over would account for about 21 percent of the total population in the Region in 2050, compared to about 13 percent in 2010.
- Commission projections envision that the average household size in the Region will continue its historic decline, with the rate of decline being somewhat moderated in the coming decades however. The average household size in the Region is projected to decrease by 4.5 percent during the projection period, from 2.47 persons in 2010 to 2.36 persons in 2050. The intermediate projection envisions that the number of households in the Region would increase by 172,300, or 21.5 percent, from 800,100 households in 2010 to 972,400 households in 2050. The projected relative increase in households under the intermediate scenario, 21.5 percent, exceeds the projected relative increase in population, 16.5 percent. The high projection indicates that the number of households in the Region could be as high as 1,064,700 in 2050, an increase of 264,600 households, or 33.1 percent, over the 2010 level. The low projection indicates that the number of households could be as low as 892,100 in 2050, an increase of 92,000 households, or 11.5 percent, over 2010.
- In addition to changes in the overall size and age characteristics of the regional population, continued change in the racial/ethnic makeup of the Region's population may be expected in the years ahead. Extrapolation of past trends indicates a significant increase in the minority share of the regional population<sup>12</sup> and a decrease in the non-Hispanic White share. Similar changes are projected for the Nation as a whole.

**Table 52**

**RACIAL/ETHNIC MAKEUP OF THE REGIONAL POPULATION:  
EXISTING 2010 AND PROJECTED 2050 BASED UPON  
AN EXTRAPOLATION OF PAST TRENDS**

Race/Ethnicity	Percentage of Total Regional Population: Actual 2010	Percentage of Total Regional Population: Projected 2050 <sup>a</sup>
Non-Hispanic White Population.....	71.1	55.5
Minority Population: <sup>b</sup>		
Non-Hispanic Black/African American .....	14.3	19.1
Non-Hispanic Other Race.....	4.7	8.2
Hispanic—Any Race.....	9.9	17.2
Subtotal	28.9	44.5
Total	100.0	100.0

<sup>a</sup> Assumes that the average annual numeric change in population for each group experienced between 1980 and 2010 would continue through 2050.

<sup>b</sup> The minority population includes persons reported in the census as being of Hispanic origin and/or reporting their race as Black or African American, American Indian/Alaska Native, Asian, Native Hawaiian/Pacific Islander, some other race, or more than one race.

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

**Table 53**

**RACIAL/ETHNIC MAKEUP OF THE UNITED STATES  
POPULATION: EXISTING 2010 AND PROJECTED 2050**

Race/Ethnicity	Percentage of Total U.S. Population: Actual 2010	Percentage of Total U.S. Population: Projected 2050 <sup>a</sup>
Non-Hispanic White Population.....	63.7	46.3
Minority Population: <sup>b</sup>		
Non-Hispanic Black/African American .....	12.2	11.8
Non-Hispanic Other Race.....	7.7	11.6
Hispanic—Any Race.....	16.4	30.3
Subtotal	36.3	53.7
Total	100.0	100.0

<sup>a</sup> These projections are from a set of national population projections for the U.S. released by the Census Bureau in 2008.

<sup>b</sup> The minority population includes persons reported in the census as being of Hispanic origin and/or reporting their race as Black or African American, American Indian/Alaska Native, Asian, Native Hawaiian/Pacific Islander, some other race, or more than one race.

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

<sup>12</sup>The minority population includes persons reported in the census as being of Hispanic origin and/or reporting their race as Black or African American, American Indian/Alaska Native, Asian, Native Hawaiian/Pacific Islander, some other race, or more than one race.

## Chapter V

# SUMMARY

This report constitutes the fifth edition of SEWRPC Technical Report No. 11, *The Population of Southeastern Wisconsin*. It documents the findings of the demographic analyses conducted by the Commission following the 2010 census and sets forth new demographic projections for the Region to the year 2050. This report is a companion to the fifth edition of SEWRPC Technical Report No. 10, *The Economy of Southeastern Wisconsin*, which documents a concurrent analysis of the regional economy and sets forth new employment projections to the year 2050. The afore-referenced reports were prepared in tandem to ensure consistency between the Commission's long-range population projections and employment projections. Together, the new population and employment projections presented in these reports provide an important part of the basis for updating and extending the currently adopted regional land use and transportation plans, along with other elements of the comprehensive plan for the Southeastern Wisconsin Region, to the year 2050.

This report consists of five chapters. The introductory chapter, Chapter I, provides a brief overview of previous Commission demographic analyses and projections. Chapter II presents information on existing population and household levels in the Region and information on the characteristics of the Region's population and households, along with related historic trend information. Chapter III describes historical trends in the components of population change—namely, natural increase and migration. Chapter IV presents a new set of population and household projections for the Region covering the period 2010 to 2050. This, the final chapter, provides an overall summary of the demographic inventory and analysis findings and of the new population and household projections for the Region set forth in this report.

### POPULATION AND HOUSEHOLD TRENDS

The year 2010 Federal census and prior Federal censuses provide an extensive database for analyzing the existing population and historic population trends in the Region over time. A description of trends in the size and characteristics of the population and the number and characteristics of households in the Region, based primarily on Federal census data, is presented in Chapter II. A summary of the key findings follows:

- The resident population of the Region was 2,020,000 persons in 2010, compared to 1,931,200 in 2000. The increase of 88,800 persons, or 4.6 percent, in the regional population between 2000 and 2010 is substantially greater than the increases experienced during the 1970s (8,700 persons) and 1980s (45,600 persons)—but less than the increase of 120,800 persons experienced during the 1990s.
- In relative terms, the Region's population grew at a somewhat slower rate than the State and the Nation between 2000 and 2010. As a result, the Region's share of Wisconsin's population decreased slightly, from 36.0 percent to 35.5 percent, with the Region's share of the national population also declining. The Region's share of the State and national population has been gradually decreasing since 1960.

- Each of the seven counties in the Region gained population between 2000 and 2010. Milwaukee County's increase of about 7,600 persons, or 0.8 percent, represents the County's first 10-year increase in population since the 1960s. Among the other six counties in the Region, the relative increase in population ranged from 3.5 percent in Racine County to 12.2 percent in Washington County.
- Milwaukee County's share of the regional population decreased from 48.7 percent in 2000 to 46.9 percent in 2010, while the share of each of the other six counties remained about the same or increased slightly. Going back to 1950, the most notable change in the distribution of population within the Region has been the increase in Waukesha County's share, from 6.9 percent to 19.3 percent of the regional population, and the decrease in Milwaukee County's share, from 70.2 percent to 46.9 percent.
- Growth in the regional population has been accompanied by change in the age composition. Among five-year age groups, growth over the past 10 years in the Region is most evident in the 50-to-54-year, the 55-to-59-year, and the 60-to-64-year age groups, largely reflecting the aging of "baby-boomers" (those born from 1946 through 1964). Conversely, the largest decreases in population between 2000 and 2010 occurred in the 35-to-39-year and 40-to-44-year age groups, a reflection of baby boomers moving out of those age groups coupled with the smaller number of people born in the late 1960s and early 1970s moving into those age groups. The median age of the regional population was 37.0 years in 2010. The regional median age has increased steadily—by almost 10 years—since 1970, when the median age was 27.6 years.
- Respondents to the Federal census are given the opportunity to specify more than one race when responding to questions on racial identity. The vast majority of the Region's population (97.7 percent) reported only one race in the 2010 census. This includes 76.0 percent reporting White; 14.6 percent reporting Black or African American; 0.5 percent reporting American Indian or Alaska Native; 2.6 percent reporting Asian; less than 0.1 percent reporting Native Hawaiian or Other Pacific Islander; and 3.9 percent reporting some other race. About 2.3 percent of the regional population reported being of more than one race.
- The Federal census includes questions on Hispanic origin independent of questions on race. About 200,200 persons in the Region, or 9.9 percent of the Region's population, were reported to be of Hispanic origin in the 2010 census. The Hispanic population in the Region increased by about 73,800 persons, or by 58.4 percent, between 2000 and 2010, far exceeding the rate of increase in the overall population of the Region (4.6 percent). Combined with a 46 percent increase during the 1980s and 86 percent during the 1990s, the Region's Hispanic population more than quadrupled during the past three decades.
- The minority population of the Region—identified on the basis of Hispanic origin and race<sup>1</sup>—was about 582,900 persons in 2010, representing 28.9 percent of the total regional population. The minority population of the Region increased by about 129,100 persons, or 28.4 percent, between 2000 and 2010. Conversely, the non-Hispanic White population decreased by 42,000 persons, or 2.8 percent. As a result, the minority population's share of the total regional population increased from 23.5 percent in 2000 to 28.9 percent in 2010.

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<sup>1</sup>The minority population includes persons reported in the census as being of Hispanic origin and/or reporting their race as Black or African American, American Indian/Alaska Native, Asian, Native Hawaiian/Pacific Islander, some other race, or more than one race.

- Each county in the Region experienced an increase in its minority population between 2000 and 2010. In absolute terms, the largest minority population increase by far—76,100 persons—occurred in Milwaukee County. In both Milwaukee and Racine Counties, the increase in the minority population between 2000 and 2010 was accompanied by a decrease in the non-Hispanic White population. In Kenosha, Ozaukee, Walworth, and Waukesha Counties, the increase in the minority population between 2000 and 2010 exceeded the increase in the non-Hispanic White population. Milwaukee County continues to account for nearly three-fourths of the minority population in the Region.
- The number of households in the Region stood at 800,100 in 2010, an increase of 51,000, or 6.8 percent, over 2000. Between 2000 and 2010, each county in the Region experienced an increase in the number of households, led by Waukesha County, which gained 17,400 households, an increase of 12.9 percent.
- In relative terms, the rate of growth in households in the Region between 2000 and 2010, 6.8 percent, slightly exceeded the rate of growth in the total population, 4.6 percent. Households in the Region have increased at a faster rate than the regional population for each decade going back to at least 1950. Overall since 1950, the number of households in the Region has increased by about 126 percent, while the total population has increased by about 63 percent.
- For the Region overall, the average household size was 2.47 persons in 2010. Between 2000 and 2010, the average household size in the Region decreased slightly, by about 0.05 person per household, or about 2 percent. The trend of decreasing household size goes back to at least 1950, when the average household size in the Region was 3.36 persons, with a dramatic decrease in average size occurring during the 1970s.
- Of the 800,100 households in the Region in 2010, 510,700, or 63.8 percent, were identified in the census as “family” households. The balance, 289,400, or 36.2 percent, were identified as “nonfamily” households. The latter generally includes one-person households as well as households comprised of unrelated persons living in the same housing unit.
- Between 2000 and 2010, nonfamily households in the Region increased more rapidly than family households, in both absolute and percentage terms. This represents a continuation of a trend that goes back to at least 1970, when family households and nonfamily households comprised 80.3 percent and 19.7 percent, respectively, of all households in the Region. Single-person households account for much of the long-term increase in nonfamily households in the Region. By 2010, single-person households comprised about 29.1 percent of all households in the Region.

## COMPONENTS OF POPULATION CHANGE

The population of an area such as the Southeastern Wisconsin Region is constantly changing with the occurrence of vital events such as births and deaths, and through the inflow and outflow of persons migrating from one area to another. Population increases result from births and in-migration of persons; population decreases result from deaths and out-migration of persons. The balance between births and deaths is termed “natural increase” and the balance between in-migration and out-migration is termed “net migration.” Information on past trends in natural increase and migration provides insight into the causal factors underlying historic population changes.

Information on the levels and rates of natural increase and migration in the Region is presented in Chapter III of this report. A summary of the key findings follows:

- The population of the Region increased from 1,931,200 persons in 2000 to 2,020,000 persons in 2010. The overall population increase of 88,800 persons in the Region between 2000 and 2010 is the result of a natural increase of about 109,200 and a net out-migration of about 20,400.
- Looking further back in time, the level of natural increase in the Region has been relatively stable over the past four decades, averaging about 116,600 per decade. This is significantly lower than the levels

experienced during the 1950s and 1960s—which include much of the post-World War II baby-boom era—when natural increase in the Region occurred at very high levels (224,500 during the 1950s and 202,400 during the 1960s).

- Examination of fertility rates and mortality rates provides insight into the overall trend in natural increase in the population. The total fertility rate for child-bearing age females in the Region decreased dramatically during the 1960s and 1970s, but has been relatively stable since 1990. Thus, the total fertility rate for the Region was 1.95 in 2010—slightly lower than the rates of 2.04 in 2000 and 1.98 in 1990. Among the counties in the Region, the total fertility rate in 2010 ranged from 1.76 in Walworth County to 2.16 in Racine County.
- The long-term trend in mortality rates in the Region has been one of gradual decline. With minor exception, the mortality rates calculated for selected broad age groups (0-to-44, 45-to-64, 65-to-74, and 75-and-over) for males and females combined have decreased each decade, going back to at least 1960. Historically, the male mortality rate exceeds the female rate for each age group. Mortality rates in 2010 were generally somewhat higher for Kenosha, Milwaukee, and Racine Counties than for the other counties in the Region.
- Net migration—the balance between migration into and migration out of an area over a given period—is often quantified by subtracting natural increase (as determined by records of births and deaths) from the total population change for a given time period. It should be noted that this approach only tabulates net migration; it does not indicate the magnitude of inflows and outflows of population for the area. Through such a calculation, it was determined that the Region as a whole experienced a net out-migration of 20,400 persons between 2000 and 2010. This compares to a net in-migration of 3,900 persons during the 1990s and net out-migrations of 81,800 during the 1980s, 104,400 during the 1970s, and 19,900 during the 1960s.
- Between 2000 and 2010, five counties in the Region—Kenosha, Ozaukee, Walworth, Washington, and Waukesha—experienced a net in-migration of population. Conversely, Racine County experienced a modest net out-migration of about 3,900 persons. Milwaukee County experienced a net out-migration (57,000 persons) for the fifth consecutive decade. Though of considerable magnitude, this represents the lowest net out-migration experienced by Milwaukee County over the past five decades. Despite their net out-migrations, Milwaukee and Racine Counties both experienced gains in total population during the 2000s owing to significant natural increase.
- County-to-county migration data prepared jointly by the U.S. Internal Revenue Service and the U.S. Bureau of the Census provides insight into the movement of people within the United States—generally excluding, however, migration from other countries. This data indicates that the movement of people from the Region to the balance of the State during the 2000s exceeded the movement from the balance of the State to the Region by about 30,200. The movement of people from the Region to other parts of the Nation (excluding Wisconsin) exceeded the movement from the Nation to the Region by about 7,900.
- Within the Region, the most notable county-to-county migration pattern is the net movement of people from Milwaukee to adjacent counties. While there was significant movement of people from Ozaukee, Racine, Washington, and Waukesha Counties to Milwaukee County between 2000 and 2010, this was exceeded by the movement of people in the opposite direction, particularly to Waukesha County. Thus, the migration data indicate the net movement of 7,200 persons from Milwaukee County to Ozaukee County; 5,400 persons from Milwaukee County to Racine County; 9,300 persons from Milwaukee County to Washington County; and 30,300 persons from Milwaukee County to Waukesha County. The net movement of people from Milwaukee County to Ozaukee, Washington, and Waukesha Counties between 2000 and 2010 was less than occurred during the 1990s.

- Information regarding the foreign-born population available from the U.S. Bureau of the Census provides insight into the extent of population migration from other countries. The Census Bureau's 2006-2010 American Community Survey indicates a total of 131,200 foreign-born persons in the Region, of whom about 43,400 were reported to have entered the U.S. in or after the year 2000. Of those who entered the U.S. in or after 2000, about 56 percent were from Latin America and the Caribbean, 25 percent from Asia, 12 percent from Europe, and 7 percent from other places. These patterns are generally similar to the patterns for the Region for the years 1990 to 2000 reported in the 2000 decennial census.

## **YEAR 2050 POPULATION AND HOUSEHOLD PROJECTIONS**

Under the current population study, as in prior studies, the Commission projected a range of future population and household levels—high, intermediate, and low—for the Region. This approach recognizes the uncertainty that surrounds any effort to predict future socioeconomic conditions. The intermediate projection prepared under this study is considered the most likely to be achieved for the Region overall and constitutes the Commission's forecast, to be used as a basis for the preparation of the new regional land use and transportation plans and other elements of the comprehensive plan for the Region. The high and low projections are intended to provide an indication of the range of population and household levels which could conceivably be achieved under significantly higher and lower, but nevertheless plausible, growth scenarios for the Region.

The new population projections were developed using the cohort-component population projection model, with specific assumptions made regarding future fertility, survival, and migration. The high, intermediate, and low projections all envision a moderate increase in the total fertility rate and a moderate improvement in survival rates. The three sets of projections differ primarily in terms of assumed future migration levels. The intermediate projection envisions a gradual improvement in net migration for the Region—from a modest net out-migration in the early part of the projection period to a modest net in-migration in the later part—in response to economic growth in the Region over the long term and the need for additional workers as baby-boomers retire from the workforce. The high-growth projection assumes a higher level of net migration into the Region than the intermediate projection. The low-growth projection assumes a substantial net out-migration from the Region.

The methodology and assumptions underlying the new demographic projections are further explained in Chapter IV of this report. A summary of the resulting projections follows:

- The Commission intermediate projection envisions that the regional population would increase by 334,000 persons, or 16.5 percent, from 2,020,000 persons in 2010 to 2,354,000 persons in 2050. The high projection indicates that the population of the Region could be as high as 2,577,700 persons in 2050, an increase of about 557,700 persons, or 27.6 percent, over the 2010 level. Conversely, the low projection indicates that the regional population could be as low as 2,159,800 persons in 2050, an increase of 139,800 persons, or 6.9 percent, over 2010.
- The new projections anticipate continued change in the age composition of the regional population in the coming decades. Under the intermediate projection, while the broad age groups 0-19 years, 20-44 years, and 45-64 years are projected to be relatively stable, the population age 65 and over is projected to nearly double during the projection period—a reflection of the aging of the large baby-boom population, born from 1946 through 1964. Persons age 65 and over would account for about 21 percent of the total population in the Region in 2050, compared to about 13 percent in 2010.
- The intermediate projection envisions that the number of households in the Region would increase by 172,300, or 21.5 percent, from 800,100 households in 2010 to 972,400 households in 2050. The projected relative increase in households under the intermediate scenario, 21.5 percent, exceeds the projected relative increase in population, 16.5 percent. The high projection indicates that the number of households in the Region could be as high as 1,064,700 in 2050, an increase of 264,600 households, or 33.1 percent, over the 2010 level. The low projection indicates that the number of households could be as low as 892,100 in 2050, an increase of 92,000 households, or 11.5 percent, over 2010.

- Commission projections envision that the average household size in the Region will continue its historic decline, with the rate of decline being somewhat moderated in the coming decades however. The average household size in the Region is projected to decrease by 4.5 percent during the projection period, from 2.47 persons in 2010 to 2.36 persons in 2050.
- In addition to changes in the overall size and age characteristics of the regional population, continued change in the racial/ethnic makeup of the Region's population may be expected in the years ahead. Extrapolation of past trends indicates a significant increase in the minority share of the regional population and a decrease in the non-Hispanic White share. Assuming that the average annual numeric change in population for the various racial/ethnic groups experienced between 1980 and 2010 would continue over the projection period, the minority share of the regional population would increase from 29 percent in 2010 to nearly 45 percent in 2050, while the non-Hispanic White share would decrease from 71 percent in 2010 to just over 55 percent in 2050. Similar changes are projected for the Nation as a whole.



## APPENDICES

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## Appendix A

### POPULATION LEVELS FOR MINOR CIVIL DIVISIONS IN THE REGION

Data presented in the chapters of this report pertain primarily to the geographic areas of the seven counties comprising the Southeastern Wisconsin Region. This appendix is provided for use by citizens, local government officials, and others who desire historical population information for units of government smaller than a county. It presents the resident population levels of the cities, villages, and towns within the Region from the census of 1850 through the census of 2010. Figures for 1960, 1970, 1980, 1990, and 2000 include any official revisions made subsequent to the conduct of the censuses for those years.

The population of geographic areas can increase not only as a result of natural increase or net in-migration, or both, but also through the addition of territory. Conversely, population decreases can result from the loss of territory as well as from the effects of natural decrease or net out-migration. Accordingly, changes in population levels over time for individual civil divisions should be evaluated in light of changes, if any, in the boundaries of the civil division involved. Maps A-1 through A-12 show the boundaries of the Region's cities, villages, and towns as they existed in selected census years beginning with 1850. Place names appearing on the maps are the official civil division names in use at the time of the corresponding census. Notes have been provided with the appropriate tables to assist in identifying place-name changes where they have occurred.

**Table A-1**

#### POPULATION LEVELS OF CITIES, VILLAGES, AND TOWNS IN KENOSHA COUNTY: 1850-2010

Civil Division	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010
<b>Cities</b>																	
Kenosha <sup>a</sup> .....	3,455	3,990	4,309	5,039	6,532	11,606	21,371	40,472	50,262	48,765	54,368	67,899	78,805	77,685	80,426	90,352	99,218
<b>Villages</b>																	
Bristol <sup>b</sup> .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,584
Genoa City <sup>c</sup> .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6
Paddock Lake <sup>d</sup> .....	--	--	--	--	--	--	--	--	--	--	--	--	1,470	2,207	2,662	3,012	2,992
Pleasant Prairie <sup>e</sup> .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12,037	16,136	19,719
Silver Lake <sup>f</sup> .....	--	--	--	--	--	--	--	--	356	365	603	1,077	1,210	1,598	1,801	2,341	2,411
Twin Lakes <sup>g</sup> .....	--	--	--	--	--	--	--	--	--	409	637	1,497	2,276	3,474	3,989	5,124	5,989
<b>Towns</b>																	
Brighton.....	880	1,238	1,185	1,024	926	850	838	843	765	827	814	1,081	1,199	1,180	1,264	1,450	1,456
Bristol <sup>b</sup> .....	1,125	1,392	1,140	1,069	1,071	1,151	1,215	1,198	1,299	1,397	1,564	2,155	2,740	3,599	3,968	4,538	2,330
Paris.....	956	1,374	1,015	1,002	871	818	869	898	842	1,006	1,073	1,423	1,744	1,612	1,482	1,473	1,504
Pike <sup>h</sup> .....	680	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pleasant Prairie <sup>e,i</sup> .....	959	1,400	1,377	1,386	1,646	1,776	3,217	2,030	3,457	3,892	6,207	10,287	12,019	12,703	--	--	--
Randall <sup>j</sup> .....	--	662	533	451	658	784	950	1,163	916	554	584	1,013	1,582	2,155	2,395	2,929	3,180
Salem.....	1,123	1,472	1,386	1,286	1,493	1,846	1,820	1,796	1,555	1,772	2,867	5,541	5,555	6,292	7,146	9,871	12,067
Somers <sup>h,i</sup> .....	--	1,277	1,359	1,458	1,632	2,044	1,788	2,084	3,046	3,641	5,530	7,139	7,270	7,724	7,748	9,059	9,597
Southport <sup>i</sup> .....	363	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheatland <sup>j</sup> .....	1,193	1,095	843	835	752	832	861	800	799	877	991	1,503	2,047	2,908	3,263	3,292	3,373
<b>County</b>	<b>10,734</b>	<b>13,900</b>	<b>13,147</b>	<b>13,550</b>	<b>15,581</b>	<b>21,707</b>	<b>32,929</b>	<b>51,284</b>	<b>63,297</b>	<b>63,505</b>	<b>75,238</b>	<b>100,615</b>	<b>117,917</b>	<b>123,137</b>	<b>128,181</b>	<b>149,577</b>	<b>166,426</b>

<sup>a</sup>The City of Kenosha was originally incorporated as the Village of Southport in 1841. In 1850, the Village was incorporated as the City of Kenosha.

<sup>b</sup>A portion of the Town of Bristol was incorporated as the Village of Bristol in 2009. The remainder of the Town combined with the Village in 2010 after the conduct of the 2010 Census.

<sup>c</sup>The Village of Genoa City in Walworth County began to annex territory in Kenosha County between 1980 and 1990. The population presented for the Village since 1990 is for the Kenosha County portion only. Total population for the Village (both county portions) was 1,277 in 1990; 1,949 in 2000; and 3,042 in 2010.

<sup>d</sup>The Village of Paddock Lake was incorporated in 1960 after the conduct of the 1960 census.

<sup>e</sup>In 1989, the Town of Pleasant Prairie was incorporated as the Village of Pleasant Prairie and the Town of Pleasant Prairie ceased to exist.

<sup>f</sup>The Village of Silver Lake was incorporated in 1926.

<sup>g</sup>The Village of Twin Lakes was incorporated in 1937.

<sup>h</sup>Between 1850 and 1860, the name of the Town of Pike was changed to the Town of Somers.

<sup>i</sup>The Town of Southport was dissolved in 1853 and its territory attached to the Towns of Pleasant Prairie and Somers.

<sup>j</sup>The Town of Randall was created in 1860 from a portion of the Town of Wheatland.

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

Table A-2

## POPULATION LEVELS OF CITIES, VILLAGES, AND TOWNS IN MILWAUKEE COUNTY: 1850-2010

Civil Division	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010
<b>Cities</b>																	
Cudahy <sup>a</sup>	--	--	--	--	--	--	3,691	6,725	10,631	10,561	12,182	17,975	22,078	19,547	18,659	18,429	18,267
Franklin <sup>b</sup>	--	--	--	--	--	--	--	--	--	--	--	10,006	12,247	16,871	21,855	29,494	35,451
Glendale <sup>c</sup>	--	--	--	--	--	--	--	--	--	--	--	9,537	13,426	13,882	14,088	13,367	12,872
Greenfield <sup>d</sup>	--	--	--	--	--	--	--	--	--	--	--	17,636	24,424	31,353	33,403	35,476	36,720
Milwaukee <sup>e,f,m</sup>	20,061	45,246	71,440	115,587	204,468	285,315	373,857	457,157	578,249	587,472	637,392	741,324	717,372	636,295	628,088	596,974	594,833
North Milwaukee <sup>e,f</sup>	--	--	--	--	--	--	--	3,047	--	--	--	--	--	--	--	--	--
Oak Creek <sup>g</sup>	--	--	--	--	--	--	--	--	--	--	--	9,372	13,928	16,932	19,513	28,456	34,451
South Milwaukee <sup>h</sup>	--	--	--	--	--	3,392	6,092	7,598	10,706	11,134	12,855	20,307	23,297	21,069	20,958	21,256	21,156
St. Francis <sup>i</sup>	--	--	--	--	--	--	--	--	--	--	--	10,065	10,489	10,095	9,245	8,662	9,365
Wauwatosa <sup>j</sup>	--	--	--	--	--	2,842	3,346	5,818	21,194	27,769	33,324	56,923	58,676	51,308	49,366	47,271	46,396
West Allis <sup>k</sup>	--	--	--	--	--	--	6,645	13,745	34,671	36,364	42,959	68,157	71,649	63,982	63,221	61,254	60,411
<b>Villages</b>																	
Bayside <sup>l</sup>	--	--	--	--	--	--	--	--	--	--	--	3,078	4,338	4,612	4,681	4,415	4,300
Bay View <sup>e,m</sup>	--	--	--	2,852	--	--	--	--	--	--	--	--	--	--	--	--	--
Brown Deer <sup>n</sup>	--	--	--	--	--	--	--	--	--	--	--	11,280	12,582	12,921	12,236	12,170	11,999
Cudahy <sup>a</sup>	--	--	--	--	--	1,366	--	--	--	--	--	--	--	--	--	--	--
East Milwaukee <sup>o</sup>	--	--	--	--	--	--	707	--	--	--	--	--	--	--	--	--	--
Fox Point <sup>p</sup>	--	--	--	--	--	--	--	--	474	1,180	2,585	7,315	7,939	7,649	7,238	7,012	6,701
Greendale <sup>q</sup>	--	--	--	--	--	--	--	--	--	2,527	2,752	6,843	15,089	16,928	15,128	14,405	14,046
Hales Corners <sup>r</sup>	--	--	--	--	--	--	--	--	--	--	--	5,549	7,771	7,110	7,623	7,765	7,692
North Milwaukee <sup>e</sup>	--	--	--	--	--	1,049	1,860	--	--	--	--	--	--	--	--	--	--
River Hills <sup>s</sup>	--	--	--	--	--	--	--	--	--	541	567	1,257	1,561	1,642	1,612	1,631	1,597
Shorewood <sup>o</sup>	--	--	--	--	--	--	--	2,650	13,479	15,184	16,199	15,990	15,576	14,327	14,116	13,763	13,162
West Milwaukee <sup>l</sup>	--	--	--	--	--	--	1,458	2,101	4,168	5,010	5,429	5,043	4,405	3,535	3,973	4,201	4,206
Whitefish Bay <sup>u</sup>	--	--	--	--	--	512	542	882	5,362	9,651	14,665	18,390	17,402	14,930	14,272	14,163	14,110
<b>Towns</b>																	
Franklin <sup>v</sup>	1,176	1,773	2,090	1,819	1,868	1,738	1,770	1,712	2,012	2,304	3,886	--	--	--	--	--	--
Granville <sup>v</sup>	1,713	2,663	2,401	2,370	2,272	2,267	2,382	2,875	8,020	11,280	11,784	--	--	--	--	--	--
Greenfield <sup>v</sup>	1,995	2,491	2,281	2,674	3,190	5,814	3,797	6,293	7,435	12,060	20,907	--	--	--	--	--	--
Lake <sup>v</sup>	1,474	2,133	2,974	2,578	4,899	5,302	8,737	8,876	10,548	11,923	18,956	--	--	--	--	--	--
Milwaukee <sup>v</sup>	1,351	2,575	3,096	3,472	6,403	4,610	4,715	2,606	3,868	4,202	5,857	--	--	--	--	--	--
Oak Creek <sup>v</sup>	1,259	2,222	1,959	2,097	2,087	1,950	2,052	2,292	2,923	3,112	4,807	--	--	--	--	--	--
Wauwatosa <sup>v</sup>	2,048	3,415	3,689	5,088	10,914	13,860	11,536	15,082	11,523	14,611	23,941	--	--	--	--	--	--
County	31,077	62,518	89,930	138,537	236,101	330,017	433,187	539,459	725,263	766,885	871,047	1,036,047	1,054,249	964,988	959,275	940,164	947,735

<sup>a</sup>The City of Cudahy was originally incorporated as the Village of Cudahy in 1895. In 1906 the Village was incorporated as a city.

<sup>b</sup>The City of Franklin was incorporated in 1956.

<sup>c</sup>The City of Glendale was incorporated in 1950 after the conduct of the 1950 census.

<sup>d</sup>The City of Greenfield was incorporated in 1957.

<sup>e</sup>The City of Milwaukee was originally incorporated as the Village of Milwaukee in 1838. The 1840 Census reported a resident population of 1,712 persons for the Village. In 1846, the Village was incorporated as a city. In 1887, the City annexed the Village of Bay View and in 1929 the City was consolidated with the City of North Milwaukee. In 1963, the City of Milwaukee annexed territory in Washington County. The populations presented for the City since 1970 are for the Milwaukee County portion only. The total population for the City (both county portions) was 717,372 in 1970; 636,297 in 1980; 628,088 in 1990; 596,974 in 2000; and 594,833 in 2010.

<sup>f</sup>The City of North Milwaukee was originally incorporated as the Village of North Milwaukee in 1897. In 1918, the Village was incorporated as a City. In 1929, the city was consolidated with the City of Milwaukee.

<sup>g</sup>The City of Oak Creek was incorporated in 1955.

<sup>h</sup>The City of South Milwaukee was originally incorporated as the Village of South Milwaukee in 1892. In 1897, the Village was incorporated as a city.

<sup>i</sup>The City of St. Francis was incorporated in 1951.

<sup>j</sup>The City of Wauwatosa was originally incorporated as the Village of Wauwatosa in 1892. In 1897, the Village was incorporated as a city.

<sup>k</sup>The City of West Allis was originally incorporated as the Village of West Allis in 1902. In 1906, the Village was incorporated as a city.

<sup>l</sup>The Village of Bayside was incorporated in 1953. Between 1953 and 1960, the Village annexed territory in Ozaukee County. The population presented for the Village since 1960 are for the Milwaukee County portion only. Total population for the Village (both county portions) was 3,181 in 1960; 4,461 in 1970; 4,724 in 1980; 4,789 in 1990; 4,518 in 2000; and 4,389 in 2010.

<sup>m</sup>The Village of Bay View was incorporated in 1879. In 1887, the Village was annexed by the City of Milwaukee.

<sup>n</sup>The Village of Brown Deer was incorporated in 1955.

<sup>o</sup>The Village of Shorewood was originally incorporated as the Village of East Milwaukee in 1900 after the conduct of the 1900 census. In 1917, the village name was changed to Shorewood.

<sup>p</sup>The Village of Fox Point was incorporated in 1926.

<sup>q</sup>The Village of Greendale was incorporated in 1938.

<sup>r</sup>The Village of Hales Corners was incorporated in 1952.

<sup>s</sup>The Village of River Hills was incorporated in 1930 after the conduct of the 1930 census.

<sup>t</sup>The Village of West Milwaukee was incorporated in 1906.

<sup>u</sup>The Village of Whitefish Bay was incorporated in 1892.

<sup>v</sup>Between 1950 and 1960, all remaining unincorporated territory in Milwaukee County became incorporated either through annexation to existing cities and villages or through direct incorporation and the Towns of Franklin, Granville, Greenfield, Lake, Milwaukee, Oak Creek, and Wauwatosa ceased to exist.

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

Table A-3

## POPULATION LEVELS OF CITIES, VILLAGES, AND TOWNS IN OZAUKEE COUNTY: 1850-2010

Civil Division	1850 <sup>a</sup>	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010
<b>Cities</b>																	
Cedarburg <sup>b</sup>	--	--		--	1,361	1,626	1,777	1,738	2,055	2,245	2,810	5,191	7,697	9,005	10,086	11,102	11,412
Mequon <sup>c</sup>	--	--		--	--	--	--	--	--	--	--	8,543	12,150	16,193	18,885	22,643	23,132
Port Washington <sup>d</sup>	--	--		--	1,659	3,010	3,792	3,340	3,693	4,046	4,755	5,984	8,752	8,612	9,338	10,467	11,250
<b>Villages</b>																	
Bayside <sup>e</sup>	--	--		--	--	--	--	--	--	--	--	103	123	112	108	103	89
Belgium <sup>f</sup>	--	--		--	--	--	--	--	268	356	460	643	809	892	928	1,678	2,245
Cedarburg <sup>b</sup>	--	--		945	--	--	--	--	--	--	--	--	--	--	--	--	--
Fredonia <sup>g</sup>	--	--		--	--	--	--	--	312	356	471	710	1,045	1,437	1,558	1,934	2,160
Grafton <sup>h</sup>	--	--		--	--	478	818	898	1,065	1,150	1,489	3,748	5,998	8,381	9,340	10,464	11,459
Newburg <sup>i</sup>	--	--		--	--	--	--	--	--	--	--	--	--	95	105	92	97
Port Washington <sup>d</sup>	--	--		1,386	--	--	--	--	--	--	--	--	--	--	--	--	--
Saukville <sup>j</sup>	--	--		--	--	--	--	330	399	431	699	1,038	1,389	3,494	3,695	4,068	4,451
Thiensville <sup>k</sup>	--	--		--	--	--	--	334	500	645	897	2,507	3,182	3,341	3,301	3,254	3,235
<b>Towns</b>																	
Belgium	--	2,223	1,979	1,948	1,690	1,547	1,643	1,516	1,300	1,284	1,467	1,646	1,625	1,424	1,405	1,513	1,415
Cedarburg	--	2,235	2,557	1,591	1,507	1,450	1,449	1,283	1,346	1,324	1,568	2,248	3,774	5,244	5,143	5,550	5,760
Fredonia	--	1,785	1,688	1,839	1,666	1,652	1,421	1,444	1,149	1,164	1,191	1,475	1,746	2,144	2,043	2,083	2,172
Grafton	--	1,782	1,864	1,570	1,444	1,060	960	916	867	955	1,225	1,996	3,127	3,588	3,745	3,980	4,053
Mequon <sup>c</sup>	--	3,368	3,156	3,023	2,902	2,792	2,610	2,408	2,681	3,068	4,065	--	--	--	--	--	--
Port Washington <sup>d</sup>	--	2,565	2,390	1,218	1,067	1,081	1,103	1,066	773	891	1,079	1,303	1,528	1,436	1,480	1,631	1,643
Saukville	--	1,724	1,930	1,941	1,647	1,667	1,550	1,062	986	1,070	1,185	1,306	1,516	1,583	1,671	1,755	1,822
County	--	15,682	15,564	15,461	14,943	16,363	17,123	16,335	17,394	18,985	23,361	38,441	54,461	66,981	72,831	82,317	86,395

<sup>a</sup>In 1853, seven towns (Belgium, Cedarburg, Fredonia, Grafton, Mequon, Port Washington, and Saukville) and the Village of Port Washington, then in Washington County and which contained a resident population of 8,281 persons in 1850, were detached from the remainder of Washington County to form Ozaukee County.

<sup>b</sup>The City of Cedarburg was originally incorporated as the Village of Cedarburg in 1874. In 1885, the Village was incorporated as a city.

<sup>c</sup>In 1957, the remaining territory of the Town of Mequon was incorporated as the City of Mequon and the Town of Mequon ceased to exist.

<sup>d</sup>The City of Port Washington was originally incorporated as the Village of Port Washington in 1848. Its population was not separately reported in the censuses of 1850, 1860, or 1870, however, but was included in the reported population for the Town of Port Washington in those years. In 1882, the village was incorporated as a city.

<sup>e</sup>The Village of Bayside in Milwaukee County annexed territory in Ozaukee County between 1953 and 1960. The populations presented for the Village since 1960 are for the Ozaukee County portion only. Total population for the Village (both county portions) was 3,181 in 1960; 4,461 in 1970; 4,724 in 1980; 4,789 in 1990; 4,518 in 2000; and 4,389 in 2010.

<sup>f</sup>The Village of Belgium was incorporated in 1922.

<sup>g</sup>The Village of Fredonia was incorporated in 1922.

<sup>h</sup>The Village of Grafton was incorporated in 1896.

<sup>i</sup>The Village of Newburg was incorporated in 1973 from territory located in both Ozaukee and Washington Counties. The population presented for the Village since 1980 is for the Ozaukee County portion only. Total population for the Village (both county portions) was 783 in 1980; 958 in 1990; 1,119 in 2000; and 1,254 in 2010.

<sup>j</sup>The Village of Saukville was incorporated in 1915.

<sup>k</sup>The Village of Thiensville was incorporated in 1910.

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

Table A-4

## POPULATION LEVELS OF CITIES, VILLAGES, AND TOWNS IN RACINE COUNTY: 1850-2010

Civil Division	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010
<b>Cities</b>																	
Burlington <sup>a</sup> .....	--	--	--	--	--	2,526	3,212	3,626	4,114	4,414	4,780	5,856	7,479	8,385	8,851	9,936	10,464
Racine <sup>b</sup> .....	5,107	7,822	9,880	16,031	21,014	29,102	38,002	58,593	67,542	67,195	71,193	89,144	95,162	85,725	84,298	81,855	78,860
<b>Villages</b>																	
Burlington <sup>a</sup> .....	--	993	1,589	1,611	2,043	--	--	--	--	--	--	--	--	--	--	--	--
Caledonia <sup>c</sup> .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24,705
Corliss <sup>d</sup> .....	--	--	--	--	--	--	525	564	--	--	--	--	--	--	--	--	--
Elmwood Park <sup>e</sup> .....	--	--	--	--	--	--	--	--	--	--	--	--	456	483	534	474	497
Mt. Pleasant <sup>f</sup> .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	26,197
North Bay <sup>g</sup> .....	--	--	--	--	--	--	--	--	--	--	--	264	263	219	246	260	241
Rochester <sup>h,i</sup> .....	--	--	--	--	--	--	--	220	246	288	333	413	436	746	978	1,149	3,682
Sturtevant <sup>d</sup> .....	--	--	--	--	--	--	--	--	746	803	1,176	1,488	3,376	4,130	3,803	5,287	6,970
Union Grove <sup>j</sup> .....	--	--	--	--	--	520	616	729	755	973	1,358	1,970	2,703	3,517	3,669	4,322	4,915
Waterford <sup>k</sup> .....	--	--	--	--	--	--	581	668	739	786	1,100	1,500	1,922	2,051	2,431	4,048	5,368
Wind Point <sup>l</sup> .....	--	--	--	--	--	--	--	--	--	--	--	463	1,251	1,695	1,941	1,853	1,723
<b>Towns</b>																	
Burlington <sup>m</sup> .....	1,629	1,270	1,173	1,127	1,097	1,052	1,129	1,133	999	1,257	2,270	3,765	4,963	5,629	5,833	6,384	6,502
Caledonia <sup>c,n</sup> .....	1,090	2,438	2,800	2,654	2,732	2,805	3,073	3,479	3,031	4,019	5,713	9,696	16,748	20,940	20,999	23,614	--
Dover.....	839	1,108	1,047	927	924	853	820	1,100	1,473	1,782	2,450	3,503	3,780	3,419	3,631	3,908	4,051
Mt. Pleasant <sup>f,n</sup> .....	1,086	1,818	3,560	2,166	2,192	2,911	4,219	4,070	5,379	6,760	11,339	12,358	16,368	19,340	20,084	23,142	--
Norway.....	751	971	1,040	981	841	913	888	888	1,044	1,354	2,272	3,341	4,620	4,619	5,493	7,600	7,948
Racine <sup>n</sup> .....	780	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Raymond.....	1,021	1,274	1,608	1,667	1,784	1,601	1,512	1,458	1,598	1,549	1,734	2,344	3,735	3,610	3,243	3,516	3,870
Rochester <sup>i,m</sup> .....	1,672	933	876	775	699	750	766	439	450	460	530	919	1,019	1,478	1,844	2,254	--
Waterford <sup>m</sup> .....	--	1,450	1,580	1,451	1,551	1,564	935	861	919	1,153	1,863	2,681	3,483	3,984	4,255	5,938	6,344
Yorkville.....	998	1,283	1,587	1,532	1,391	1,047	1,146	1,133	1,182	1,254	1,474	2,076	3,074	3,162	2,901	3,291	3,071
County	14,973	21,360	26,740	30,922	36,268	45,644	57,424	78,961	90,217	94,047	109,585	141,781	170,838	173,132	175,034	188,831	195,408

<sup>a</sup>The City of Burlington was originally incorporated as the Village of Burlington in 1855. In 1900, the Village was incorporated as a city. In 1974, the City annexed territory in Walworth County. The population presented for the City since 1980 is for the Racine County portion only; however, the resident population of that portion of the City in Walworth County was enumerated at zero persons in 1980, 2000, and 2010, and 4 persons in 1990.

<sup>b</sup>The City of Racine was originally incorporated as the Village of Racine in 1841. In 1848, the Village was incorporated as a city.

<sup>c</sup>The Village of Caledonia was incorporated in 2005 and the Town of Caledonia ceased to exist.

<sup>d</sup>The Village of Sturtevant was originally incorporated as the Village of Corliss in 1907. In 1923, the village name was changed to Sturtevant.

<sup>e</sup>The Village of Elmwood Park was incorporated in 1960 after the conduct of the 1960 census.

<sup>f</sup>The Village of Mt. Pleasant was incorporated in 2003 and the Town of Mt. Pleasant ceased to exist.

<sup>g</sup>The Village of North Bay was incorporated in 1951.

<sup>h</sup>The Village of Rochester was incorporated 1912.

<sup>i</sup>The Town and Village of Rochester were consolidated as the Village of Rochester in 2008 and the Town of Rochester ceased to exist.

<sup>j</sup>The Village of Union Grove was incorporated in 1893.

<sup>k</sup>The Village of Waterford was incorporated in 1906.

<sup>l</sup>The Village of Wind Point was incorporated in 1954.

<sup>m</sup>In 1852, the Towns of Burlington and Rochester were reorganized to form the Towns of Burlington, Rochester, and Waterford.

<sup>n</sup>In 1856, the boundaries of the Towns of Caledonia, Mt. Pleasant, and Racine were reorganized. In 1859, the name of the Town of Racine was changed to the Town of Orwell. In 1860, the Town of Orwell was dissolved and its territory attached to the Towns of Caledonia and Mt. Pleasant.

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

Table A-5

## POPULATION LEVELS OF CITIES, VILLAGES, AND TOWNS IN WALWORTH COUNTY: 1850-2010

Civil Division	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010
<b>Cities</b>																	
Burlington <sup>a</sup> .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	--	--
Delavan <sup>b</sup> .....	--	--	--	--	--	2,244	2,450	3,016	3,301	3,444	4,007	4,846	5,526	5,684	6,073	7,956	8,463
Elkhorn <sup>c</sup> .....	--	--	--	--	--	1,731	1,707	1,991	2,340	2,382	2,935	3,586	3,992	4,605	5,337	7,305	10,084
Lake Geneva <sup>d</sup> .....	--	--	--	--	2,297	2,585	3,079	2,632	3,073	3,238	4,300	4,929	4,890	5,612	5,979	7,148	7,651
Whitewater <sup>e</sup> .....	--	--	--	--	4,359	3,405	3,224	3,215	3,465	3,689	5,101	6,380	10,129	9,098	10,170	10,826	11,150
<b>Villages</b>																	
Darien <sup>f</sup> .....	--	--	--	--	--	--	--	--	--	--	--	805	839	1,152	1,158	1,572	1,580
Delavan <sup>b</sup> .....	--	1,549	1,688	1,798	2,038	--	--	--	--	--	--	--	--	--	--	--	--
East Troy <sup>g</sup> .....	--	--	--	--	--	--	673	773	800	925	1,052	1,455	1,711	2,385	2,664	3,564	4,281
Elkhorn <sup>c</sup> .....	--	1,081	1,205	1,122	1,447	--	--	--	--	--	--	--	--	--	--	--	--
Fontana on Geneva Lake <sup>h</sup> .....	--	--	--	--	--	--	--	--	385	461	726	1,326	1,464	1,764	1,635	1,754	1,672
Geneva <sup>d</sup> .....	--	--	--	1,969	--	--	--	--	--	--	--	--	--	--	--	--	--
Genoa City <sup>i</sup> .....	--	--	--	--	--	--	--	--	683	715	866	1,005	1,085	1,202	1,277	1,949	3,036
Genoa Junction <sup>j</sup> .....	--	--	--	--	--	--	709	656	--	--	--	--	--	--	--	--	--
Mukwonago <sup>j</sup> .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	101
Sharon <sup>k</sup> .....	--	--	--	--	--	945	879	908	733	812	1,013	1,167	1,216	1,280	1,250	1,549	1,605
Walworth <sup>l</sup> .....	--	--	--	--	--	--	755	757	920	875	1,137	1,494	1,637	1,607	1,614	2,304	2,816
Whitewater <sup>e</sup> .....	--	--	--	3,617	--	--	--	--	--	--	--	--	--	--	--	--	--
Williams Bay <sup>m</sup> .....	--	--	--	--	--	--	--	436	630	717	1,118	1,347	1,554	1,763	2,108	2,415	2,564
<b>Towns</b>																	
Bloomfield.....	879	1,146	1,091	1,097	1,197	1,314	776	725	735	971	1,442	2,154	2,481	3,277	3,723	5,537	6,278
Darien.....	1,013	1,590	1,583	1,394	1,218	1,371	1,249	1,146	1,220	1,358	1,569	1,119	1,413	1,495	1,490	1,747	1,693
Delavan.....	1,268	884	821	762	677	993	903	925	1,065	1,377	2,064	3,138	3,798	4,182	4,195	4,559	5,285
East Troy.....	1,318	1,717	1,431	1,407	1,406	1,513	925	838	765	898	1,585	2,247	2,743	3,583	3,687	3,830	4,021
Elkhorn <sup>c</sup> .....	42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Geneva <sup>d,n</sup> .....	1,557	2,281	1,040	930	1,073	1,191	1,142	1,153	1,103	1,444	1,778	2,253	3,490	3,933	3,472	4,642	4,993
Hudson <sup>o</sup> .....	1,189	1,338	1,312	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LaFayette <sup>n</sup> .....	1,048	1,122	1,032	1,028	933	924	894	851	827	814	811	899	979	1,024	1,276	1,708	1,979
LaGrange.....	1,050	1,255	1,039	921	844	882	779	794	769	757	915	1,087	1,311	1,661	1,643	2,444	2,454
Linn.....	630	1,008	895	823	854	1,082	1,201	1,112	1,220	1,179	1,455	1,620	1,910	2,064	2,062	2,194	2,383
Lyons <sup>o</sup> .....	--	--	--	1,312	1,328	1,298	1,261	1,229	1,170	1,150	1,251	1,878	2,143	2,659	2,579	3,440	3,698
Richmond.....	744	1,016	1,017	882	799	770	686	624	710	751	761	935	1,251	1,649	1,405	1,835	1,884
Sharon.....	1,169	1,681	1,865	1,956	2,038	1,127	1,050	894	890	909	924	1,030	1,058	945	1,016	912	907
Spring Prairie.....	1,418	1,311	1,209	1,107	1,155	1,126	1,007	946	980	921	1,070	1,164	1,197	1,777	1,752	2,089	2,181
Sugar Creek.....	1,227	1,139	992	980	1,004	931	917	876	867	896	1,161	1,532	1,811	2,599	2,661	3,331	3,943
Troy.....	1,094	1,238	1,176	964	972	1,018	928	888	857	842	962	1,060	1,265	1,794	2,051	2,328	2,353
Walworth.....	987	1,403	2,291	1,278	1,372	2,003	1,698	1,255	876	917	936	1,064	1,370	1,443	1,341	1,676	1,702
Whitewater <sup>e</sup> .....	1,229	3,737	4,285	902	849	806	722	687	674	661	645	848	1,181	1,270	1,378	1,399	1,471
<b>County</b>	<b>17,862</b>	<b>26,496</b>	<b>25,972</b>	<b>26,249</b>	<b>27,860</b>	<b>29,259</b>	<b>29,614</b>	<b>29,327</b>	<b>31,058</b>	<b>33,103</b>	<b>41,584</b>	<b>52,368</b>	<b>63,444</b>	<b>71,507</b>	<b>75,000</b>	<b>92,013</b>	<b>102,228</b>

<sup>a</sup>The City of Burlington in Racine County annexed territory in Walworth County in 1974. The population presented for the City since 1980 is for the Walworth County portion only. Total population for the City (both county portions) was 8,385 in 1980; 8,855 in 1990; 9,936 in 2000; and 10,464 in 2010.

<sup>b</sup>The City of Delavan was originally incorporated as the Village of Delavan in 1856. In 1897, the Village was incorporated as a city.

<sup>c</sup>In 1857, the Town of Elkhorn was incorporated as the Village of Elkhorn and the Town of Elkhorn ceased to exist. In 1897, the Village was incorporated as a city.

<sup>d</sup>The City of Lake Geneva was originally incorporated as the Village of Geneva in 1844. Its population was not separately reported in the censuses of 1850, 1860, or 1870, however, but was included in the reported population for the Town of Geneva for those years. In 1886, the Village was incorporated as a city, changing its name to Lake Geneva at the same time.

<sup>e</sup>The City of Whitewater was originally incorporated as the Village of Whitewater in 1858. Its population was not separately reported in the censuses of 1860, or 1870, however, but was included in the reported population for the Town of Whitewater in those years. In 1885, the Village was incorporated as a city. The City began to annex territory in Jefferson County in 1959. The populations presented for the City since 1960 are for the Walworth County portion only. The 2000 population reflects a correction from the initially released Census count of 12,572 persons in the Walworth County portion. The total population for the City (both county portions) was 6,380, in 1960; 12,038 in 1970; 11,520 in 1980; 12,636 in 1990; 13,437 in 2000; and 14,390 in 2010.

<sup>f</sup>The Village of Darien was incorporated in 1951.

<sup>g</sup>The Village of East Troy was incorporated in 1900 after the conduct of the 1900 census.

<sup>h</sup>The Village of Fontana-on-Geneva Lake was incorporated in 1924.

<sup>i</sup>The Village of Genoa City was originally incorporated as the Village of Genoa Junction in 1901. In 1924, the Village name was changed to Genoa City. The Village of Genoa City in Walworth County began to annex territory in Kenosha County between 1980 and 1990. The population presented for the Village since 1990 is for the Walworth County portion only. Total population for the Village (both county portions) was 1,277 in 1990; 1,949 in 2000; and 3,042 in 2010.

<sup>j</sup>The Village of Mukwonago in Waukesha County began to annex territory in Walworth County between 1990 and 2000. The population presented for the Village since 2000 is for the Walworth County portion only. Total population for the Village (both county portions) was 6,162 in 2000 and 7,355 in 2010.

<sup>k</sup>The Village of Sharon was incorporated in 1892.

<sup>l</sup>The Village of Walworth was incorporated in 1901.

<sup>m</sup>The Village of Williams Bay was incorporated in 1919.

<sup>n</sup>The year 2000 population levels presented in this table for the Towns of Geneva and LaFayette include a correction for an error in the 2000 census counts identified by the Wisconsin Department of Administration, but not formally approved by the U.S. Census Bureau as part of its 2000 Census Count Question Resolution (CQR) program—it having been submitted too late for consideration under that program. The census error involved an overstatement of the group quartered population (and total population) of the Town of LaFayette by 543, and an understatement of the group-quartered population of the Town of Geneva by the same amount.

<sup>o</sup>Between 1870 and 1880, the name of the Town of Hudson was changed to the Town of Lyons.

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

Table A-6

## POPULATION LEVELS OF CITIES, VILLAGES, AND TOWNS IN WASHINGTON COUNTY: 1850-2010

Civil Division	1850 <sup>a</sup>	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010
<b>Cities</b>																	
Hartford <sup>b</sup>	--	--	--	--	1,296	1,632	2,982	4,515	3,754	3,910	4,549	5,627	6,499	7,159	8,179	10,895	14,223
Milwaukee <sup>c</sup>	--	--	--	--	--	--	--	--	--	--	--	--	--	2	--	--	--
West Bend <sup>d,e</sup>	--	--	--	--	1,296	2,119	2,462	3,378	4,760	5,452	6,849	9,969	16,555	21,484	24,470	28,152	31,078
<b>Villages</b>																	
Barton <sup>d,e</sup>	--	--	--	--	--	--	--	--	811	900	1,039	1,569	--	--	--	--	--
Germantown <sup>f</sup>	--	--	--	--	--	--	--	--	255	292	357	622	6,974	10,729	13,658	18,260	19,749
Hartford <sup>b</sup>	--	--	--	1,341	--	--	--	--	--	--	--	--	--	--	--	--	--
Jackson <sup>g</sup>	--	--	--	--	--	--	--	230	227	302	361	458	561	1,817	2,486	4,938	6,753
Kewaskum <sup>h</sup>	--	--	--	--	--	679	625	707	799	880	1,183	1,572	1,926	2,381	2,514	3,277	4,004
Newburg <sup>i</sup>	--	--	--	--	--	--	--	--	--	--	--	--	--	688	853	1,027	1,157
Port Washington <sup>a,j</sup>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Richfield <sup>k</sup>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11,300
Schliesingerville <sup>l</sup>	--	--	--	358	432	549	538	730	--	--	--	--	--	--	--	--	--
Slinger <sup>l</sup>	--	--	--	--	--	--	--	--	760	775	919	1,141	1,216	1,612	2,340	3,901	5,068
West Bend <sup>d</sup>	--	--	1,058	1,273	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Towns</b>																	
Addison	1,144	2,046	1,833	1,774	1,863	1,810	1,632	1,587	1,616	1,629	1,672	2,072	2,375	2,834	3,051	3,341	3,495
Barton <sup>m</sup>	--	1,242	1,376	1,275	1,169	1,260	1,272	1,336	782	848	1,029	1,204	1,624	2,493	2,586	2,546	2,637
Belgium <sup>a</sup>	1,134	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cedarburg <sup>a</sup>	1,226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Erin	840	1,445	1,266	1,273	1,301	1,200	1,086	1,081	916	955	995	1,133	1,641	2,455	2,817	3,664	3,747
Farmington	504	1,718	1,885	1,770	1,501	1,461	1,263	1,193	1,247	1,251	1,320	1,433	1,734	2,386	2,523	3,239	4,014
Fredonia <sup>a</sup>	671	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Germantown	1,714	2,344	1,954	1,979	2,026	1,937	1,805	1,844	1,544	1,626	2,100	3,984	416	267	258	278	254
Grafton <sup>a</sup>	710	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hartford	1,050	2,510	2,685	1,398	1,339	1,354	1,278	1,231	1,222	1,239	1,429	1,870	2,368	3,269	3,243	4,031	3,609
Jackson	1,038	1,891	1,978	1,844	1,680	1,760	1,660	1,231	1,126	1,244	1,299	1,576	2,844	3,180	3,172	3,516	4,134
Kewaskum <sup>n</sup>	--	1,056	1,309	1,436	1,572	851	765	765	730	736	824	897	1,166	1,243	1,139	1,119	1,053
Mequon <sup>a</sup>	2,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Newark <sup>m,o</sup>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
North Bend <sup>n,o</sup>	672	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Polk <sup>l</sup>	1,260	2,457	2,220	1,679	1,639	1,554	1,352	1,162	1,294	1,224	1,401	2,090	2,846	3,486	3,540	3,938	3,937
Port Washington <sup>a,j</sup>	1,600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Richfield <sup>k</sup>	1,134	1,920	1,654	1,708	1,584	1,617	1,615	1,467	1,487	1,564	2,077	3,172	5,923	8,390	8,993	10,373	--
Saukville <sup>a</sup>	840	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trenton	504	1,744	2,035	1,890	1,760	1,572	1,432	1,348	1,304	1,499	1,776	2,657	3,178	3,914	3,967	4,440	4,732
Wayne	672	1,630	1,710	1,594	1,471	1,391	1,239	1,150	1,066	1,055	1,128	1,081	1,214	1,471	1,374	1,727	2,169
West Bend <sup>o</sup>	672	1,619	956	850	822	843	778	758	851	1,049	1,595	1,992	2,779	3,588	4,165	4,834	4,774
County	19,485	23,622	23,919	23,442	22,751	23,589	23,784	25,713	26,551	28,430	33,902	46,119	63,839	84,848	95,328	117,496	131,887

<sup>a</sup>In 1853, seven towns (Belgium, Cedarburg, Fredonia, Grafton, Mequon, Port Washington, and Saukville) and the Village Port Washington which contained a resident population of 8,281 persons in 1850, were detached from Washington County to form Ozaukee County.

<sup>b</sup>The City of Hartford was originally incorporated as the Village of Hartford in 1871. In 1883, the Village was incorporated as a city. In 1987, the City annexed territory in Dodge County. The population presented for the City since 1990 is for the Washington County portion only. Total population for the City (both county portions) was 8,188 in 1990; 10,905 in 2000; and 14,223 in 2010.

<sup>c</sup>The City of Milwaukee in Milwaukee County annexed territory in Washington County in 1963. The populations presented for the City since 1970 are for the Washington County portion only. Total population for the City (both county portions) was 717,372 in 1970; 636,297 in 1980; 628,088 in 1990; 596,974 in 2000; and 594,833 in 2010.

<sup>d</sup>The City of West Bend was originally incorporated as the Village of West Bend in 1868. In 1885, the Village was incorporated as a city. In 1961, the City was consolidated with the Village of Barton.

<sup>e</sup>The Village of Barton was incorporated in 1925. In 1961, the Village was consolidated with the City of West Bend.

<sup>f</sup>The Village of Germantown was incorporated in 1927.

<sup>g</sup>The Village of Jackson was incorporated in 1912.

<sup>h</sup>The Village of Kewaskum was incorporated in 1895.

<sup>i</sup>The Village of Newburg was incorporated in 1973 from territory located in both Ozaukee and Washington Counties. The population presented for the Village since 1980 is for the Washington County portion only. Total population for the Village (both county portions) was 783 in 1980; 958 in 1990; 1,119 in 2000; and 1,254 in 2010.

<sup>j</sup>The Village of Port Washington was incorporated in 1848. Its population was not separately reported in the census of 1850, however, but was included in the reported population of the Town of Port Washington in that year.

<sup>k</sup>In 2008, the Town of Richfield was incorporated as the Village of Richfield and the Town of Richfield ceased to exist.

<sup>l</sup>The Village of Slinger was originally incorporated as the Village of Schliesingerville in 1869. Its population was not separately reported in the census of 1870, however, but was included in the reported population for the Town of Polk in that year. In 1921, the village name was changed to Slinger.

<sup>m</sup>Between 1850 and 1860, the name of the Town of Newark was changed to the Town of Barton.

<sup>n</sup>Between 1850 and 1860, the name of the Town of North Bend was changed to the Town of Kewaskum.

<sup>o</sup>In 1848, the Towns of North Bend and West Bend were reorganized to form the Towns of Newark, North Bend, and West Bend. The 1850 census, however, contains no reference to the Town of Newark, although populations are reported for the Towns of North Bend and West Bend. It is assumed, therefore, that the populations reported for the Towns of North Bend and West Bend are for the boundaries of these towns in 1848 prior to any of the changes in areal definition, and that the sum of the populations reported for the Towns of North Bend and West Bend is in actuality the sum of the populations of the Towns of Newark, North Bend, and West Bend.

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



Table A-7

## POPULATION LEVELS OF CITIES, VILLAGES, AND TOWNS IN WAUKESHA COUNTY: 1850-2010

Civil Division	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010
<b>Cities</b>																	
Brookfield <sup>a</sup>	--	--	--	--	--	--	--	--	--	--	--	19,812	32,140	34,035	35,184	38,649	37,920
Delafield <sup>b</sup>	--	--	--	--	--	--	--	--	--	--	--	2,334	3,182	4,083	5,347	6,472	7,085
Muskego <sup>c</sup>	--	--	--	--	--	--	--	--	--	--	--	--	11,573	15,277	16,813	21,397	24,135
New Berlin <sup>d</sup>	--	--	--	--	--	--	--	--	--	--	--	15,788	26,910	30,529	33,592	38,220	39,584
Oconomowoc <sup>e</sup>	--	--	--	2,174	2,729	2,880	3,054	3,301	4,190	4,562	5,345	6,682	8,741	9,909	10,993	12,382	15,759
Pewaukee <sup>f</sup>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11,783	13,195
Waukesha <sup>g</sup>	--	--	--	--	--	7,419	8,740	12,558	17,176	19,242	21,233	30,004	40,271	50,365	56,894	64,825	70,718
<b>Villages</b>																	
Big Bend <sup>h</sup>	--	--	--	--	--	--	--	--	309	298	480	797	1,148	1,345	1,299	1,278	1,290
Butler <sup>i</sup>	--	--	--	--	--	--	--	--	703	778	1,047	2,274	2,261	2,059	2,079	1,881	1,841
Chenequa <sup>j</sup>	--	--	--	--	--	--	--	--	339	288	270	445	642	532	601	583	590
Dousman <sup>k</sup>	--	--	--	--	--	--	--	235	256	272	328	410	451	1,153	1,277	1,584	2,302
Eagle <sup>l</sup>	--	--	--	--	--	324	339	394	392	391	460	620	745	1,008	1,182	1,707	1,950
Elm Grove <sup>m</sup>	--	--	--	--	--	--	--	--	--	--	--	4,994	7,201	6,735	6,261	6,249	5,934
Hartland <sup>n</sup>	--	--	--	--	--	629	728	800	945	998	1,190	2,088	2,763	5,559	6,906	7,905	9,110
Lac La Belle <sup>o</sup>	--	--	--	--	--	--	--	--	--	66	174	276	227	289	258	329	289
Lannon <sup>p</sup>	--	--	--	--	--	--	--	--	434	378	438	1,084	1,056	987	924	1,009	1,107
Menomonee Falls <sup>q</sup>	--	--	--	--	--	687	919	1,019	1,291	1,469	2,469	18,276	31,697	27,845	26,840	32,647	35,626
Merton <sup>r</sup>	--	--	--	--	--	--	--	--	232	254	343	407	646	1,045	1,199	1,926	3,346
Mukwonago <sup>s</sup>	--	--	--	--	--	--	615	697	846	855	1,207	1,877	2,367	4,014	4,464	6,162	7,254
Nashotah <sup>t</sup>	--	--	--	--	--	--	--	--	--	--	--	321	410	513	567	1,266	1,395
New Butler <sup>u</sup>	--	--	--	--	--	--	--	564	--	--	--	--	--	--	--	--	--
North Prairie <sup>v</sup>	--	--	--	--	--	--	--	263	292	375	424	489	669	938	1,322	1,571	2,141
Oconomowoc <sup>e</sup>	--	--	1,408	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oconomowoc Lake <sup>v</sup>	--	--	--	--	--	--	--	--	--	--	--	414	599	524	493	564	595
Pewaukee <sup>w</sup>	--	--	--	566	680	714	749	800	1,067	1,352	1,792	2,484	3,271	4,637	5,287	8,170	8,166
Sussex <sup>x</sup>	--	--	--	--	--	--	--	--	496	548	679	1,087	2,758	3,482	5,039	8,828	10,518
Wales <sup>y</sup>	--	--	--	--	--	--	--	--	132	170	237	356	691	1,992	2,471	2,523	2,549
Waukesha <sup>g</sup>	--	1,456	2,633	2,969	6,321	--	--	--	--	--	--	--	--	--	--	--	--
<b>Towns</b>																	
Brookfield	1,938	2,104	2,281	2,096	1,960	2,174	2,132	1,973	2,547	4,196	7,425	1,990	3,924	4,364	4,232	6,390	6,116
Delafield	1,134	1,343	1,364	1,451	1,684	1,250	1,346	1,672	1,890	2,494	3,740	2,822	3,750	4,597	5,735	7,820	8,400
Eagle	816	1,280	1,256	1,155	1,020	744	734	683	718	742	947	1,103	1,250	1,758	2,028	3,117	3,507
Geneseo	1,289	1,628	1,462	1,368	1,327	1,481	1,432	1,296	1,350	1,484	1,686	2,183	3,172	5,126	5,986	7,284	7,340
Lisbon	1,036	1,426	1,384	1,437	1,443	1,510	1,580	1,540	1,104	1,158	1,532	2,885	4,709	8,352	8,277	9,359	10,157
Menomonee <sup>q</sup>	1,340	2,267	2,350	2,258	2,480	2,178	2,384	2,175	1,936	2,205	3,793	--	--	--	--	--	--
Merton	966	1,475	1,612	1,577	1,604	1,530	1,572	1,642	1,317	1,426	2,214	3,077	4,424	6,025	6,430	7,988	8,338
Mukwonago	1,094	1,373	1,261	1,084	1,217	1,263	831	808	833	801	1,269	1,579	1,930	4,979	5,967	6,868	7,959
Muskego <sup>c</sup>	1,111	1,384	1,409	1,422	1,390	1,349	1,318	1,294	1,576	2,495	4,157	8,888	--	--	--	--	--
New Berlin <sup>d</sup>	1,293	1,903	1,809	1,620	1,519	1,579	1,584	1,642	2,197	3,034	5,334	--	--	--	--	--	--
Oconomowoc	1,216	2,198	1,523	1,336	1,373	1,330	925	1,368	1,747	2,081	3,288	4,465	6,010	7,340	7,323	7,451	8,408
Ottawa	793	1,072	922	841	880	883	934	709	683	675	764	1,092	1,698	2,795	2,988	3,758	3,859
Pewaukee <sup>f</sup>	1,106	1,553	1,818	1,626	2,077	1,708	1,800	1,778	1,593	3,299	5,493	5,797	7,551	8,922	9,339	--	--
Summit	924	1,151	1,358	1,138	1,130	1,275	1,185	1,208	1,492	1,617	2,571	3,472	3,809	4,050	4,003	4,999	4,674
Vernon	889	1,145	1,180	1,195	1,277	1,307	1,231	1,235	1,113	1,201	1,464	2,037	2,857	6,372	7,549	7,227	7,601
Waukesha	2,313	2,073	1,244	1,644	1,159	1,015	968	958	1,162	1,540	2,108	3,540	3,832	6,668	7,566	8,596	9,133
County	19,258	26,831	28,274	28,957	33,270	35,229	37,100	42,612	52,358	62,744	85,901	158,249	231,335	280,203	304,715	360,767	389,891

<sup>a</sup>The City of Brookfield was incorporated in 1954.

<sup>b</sup>The City of Delafield was incorporated in 1959.

<sup>c</sup>In 1964, the Town of Muskego was incorporated as the City of Muskego and the Town of Muskego ceased to exist.

<sup>d</sup>In 1959, the Town of New Berlin was incorporated as the City of New Berlin and the Town of New Berlin ceased to exist.

<sup>e</sup>The City of Oconomowoc was originally incorporated as the Village of Oconomowoc in 1865. In 1875, the Village was incorporated as a city.

<sup>f</sup>In 1999, the Town of Pewaukee was incorporated as the City of Pewaukee and the Town of Pewaukee ceased to exist.

<sup>g</sup>The City of Waukesha was originally incorporated as the Village of Prairieville in 1846. In 1847, the village name was changed to Waukesha. In 1848, the village charter was repealed by the Territorial Legislature. The Village of Waukesha was again incorporated in 1852. In 1896, the Village was incorporated as a city.

<sup>h</sup>The Village of Big Bend was incorporated in 1928.

<sup>i</sup>The Village of Butler was originally incorporated as the Village of New Butler in 1913. In 1920, the Village name was changed to Butler.

<sup>j</sup>The Village of Chenequa was incorporated in 1928.

<sup>k</sup>The Village of Dousman was incorporated in 1917.

<sup>l</sup>The Village of Eagle was incorporated in 1899.

<sup>m</sup>The Village of Elm Grove was incorporated in 1955.

<sup>n</sup>The Village of Hartland was incorporated in 1892.

<sup>o</sup>The Village of Lac La Belle was incorporated in 1931. The Village of Lac La Belle began to annex territory in Jefferson County between 2000 and 2010. The population presented for the Village in 2010 is for the Waukesha County portion only. Total population for the Village (both county portions) was 290 in 2010.

<sup>p</sup>The Village of Lannon was incorporated in 1930.

<sup>q</sup>The Village of Menomonee Falls was incorporated in 1892. Between 1950 and 1960, the remaining territory of the Town of Menomonee was annexed by the Village of Menomonee Falls and the Town of Menomonee ceased to exist.

<sup>r</sup>The Village of Merton was incorporated in 1922.

<sup>s</sup>The Village of Mukwonago was incorporated in 1905. The Village of Mukwonago in Waukesha County began to annex territory in Walworth County between 1990 and 2000. The population presented for the Village since 2000 is for the Waukesha County portion only. Total population for the Village (both county portions) was 6,162 in 2000 and 7,355 in 2010.

<sup>t</sup>The Village of Nashotah was incorporated in 1957.

<sup>u</sup>The Village of North Prairie was incorporated in 1919.

<sup>v</sup>The Village of Oconomowoc Lake was incorporated in 1959.

<sup>w</sup>The Village of Pewaukee was incorporated in 1876.

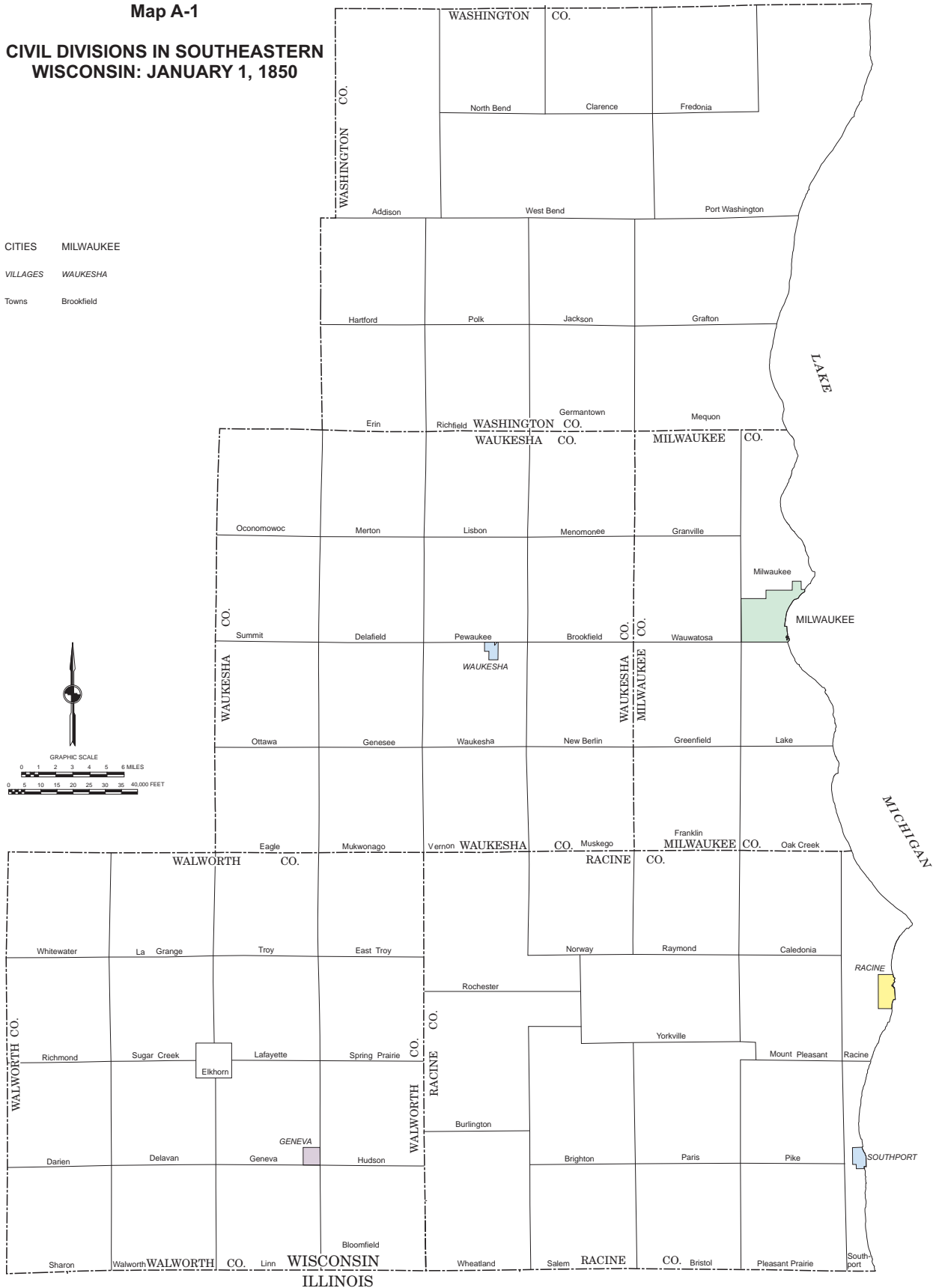
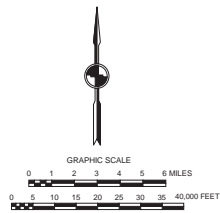
<sup>x</sup>The Village of Sussex was incorporated in 1924.

<sup>y</sup>The Village of Wales was incorporated in 1922.

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

**Map A-1**  
**CIVIL DIVISIONS IN SOUTHEASTERN**  
**WISCONSIN: JANUARY 1, 1850**

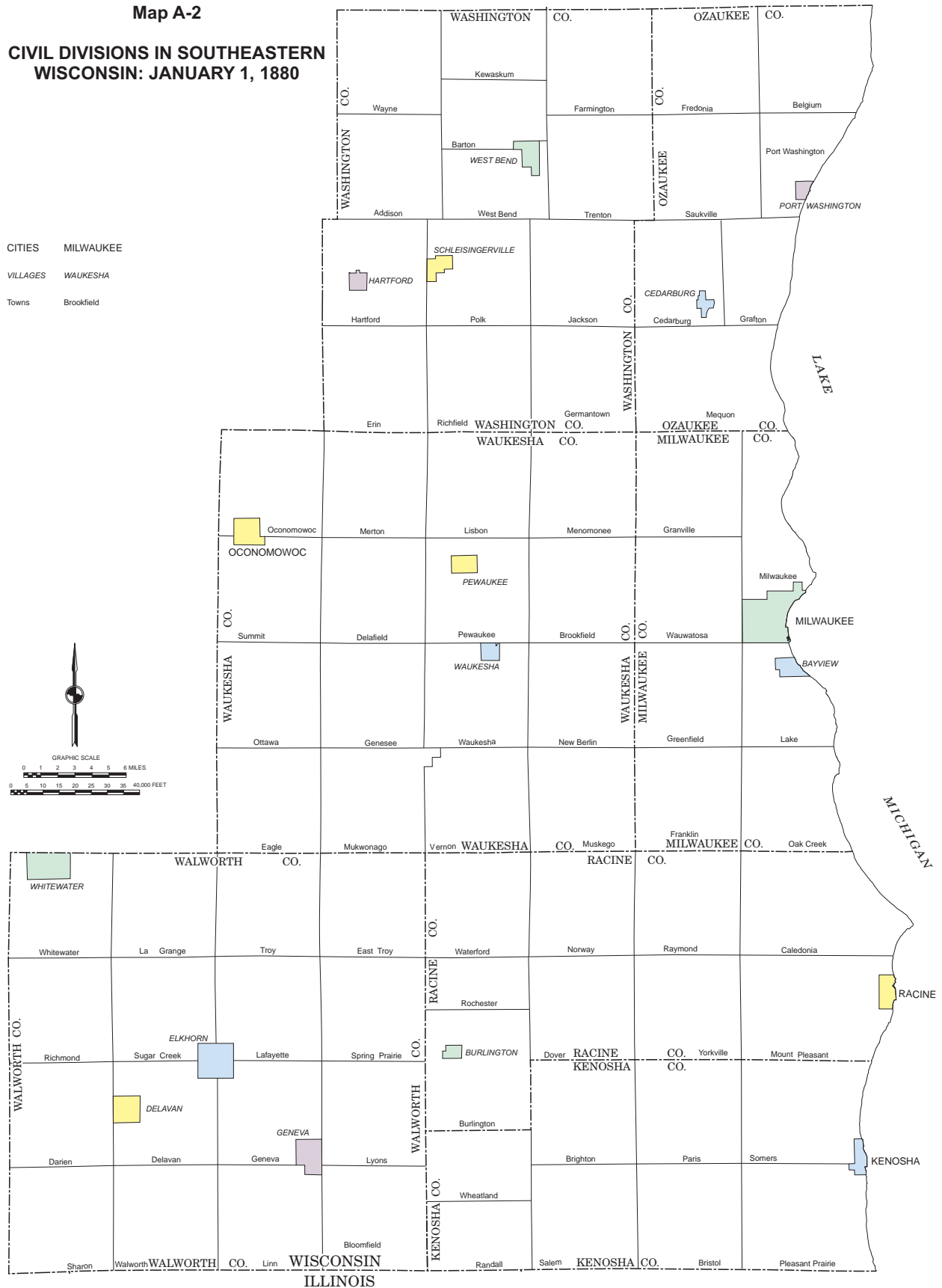
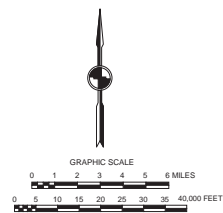
CITIES MILWAUKEE  
 VILLAGES WAUKESHA  
 Towns Brookfield



Source: SEWRPC.

**Map A-2**  
**CIVIL DIVISIONS IN SOUTHEASTERN**  
**WISCONSIN: JANUARY 1, 1880**

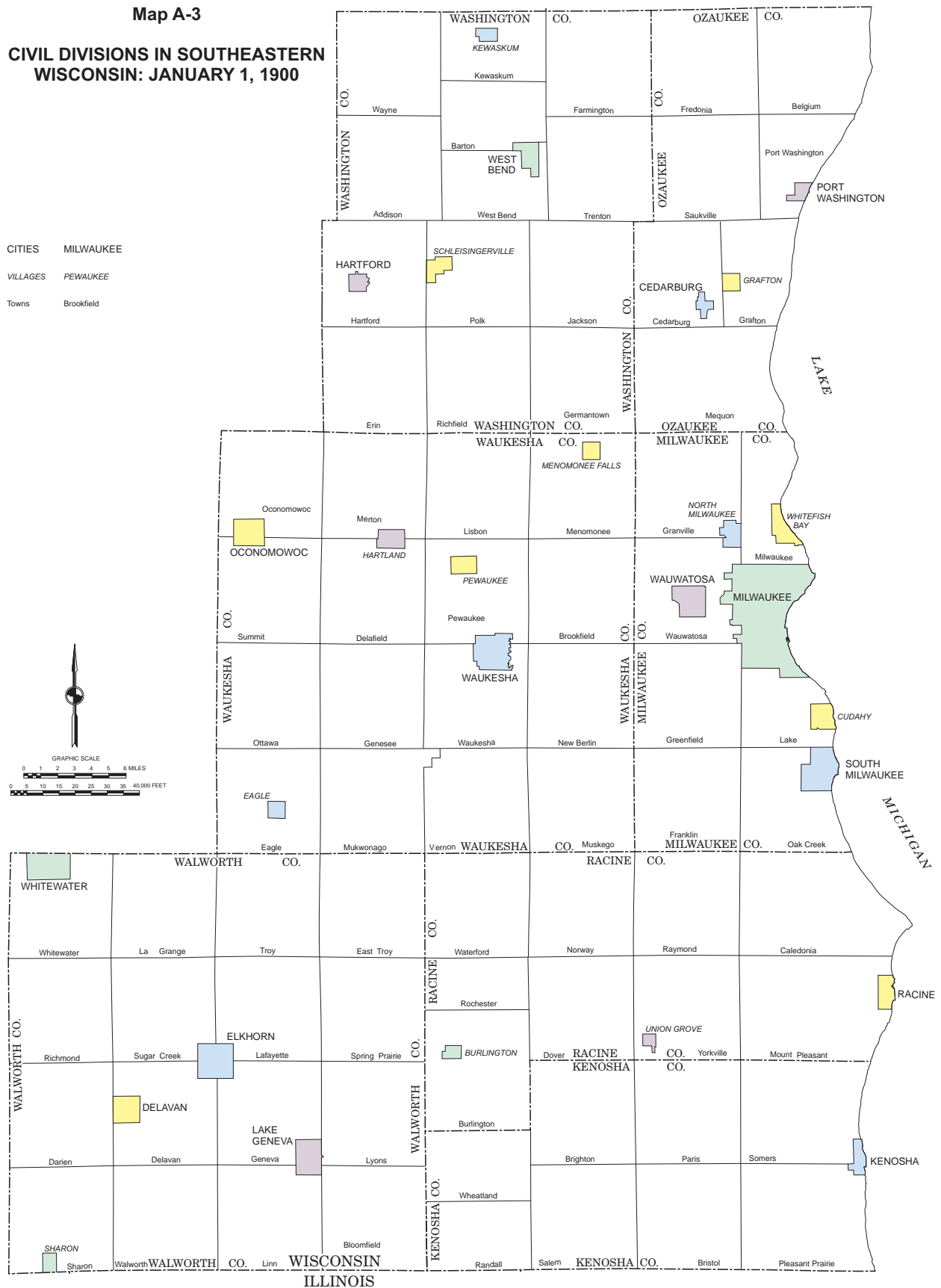
CITIES MILWAUKEE  
 VILLAGES WAUKESHA  
 Towns Brookfield



Source: SEWRPC.

**Map A-3**  
**CIVIL DIVISIONS IN SOUTHEASTERN**  
**WISCONSIN: JANUARY 1, 1900**

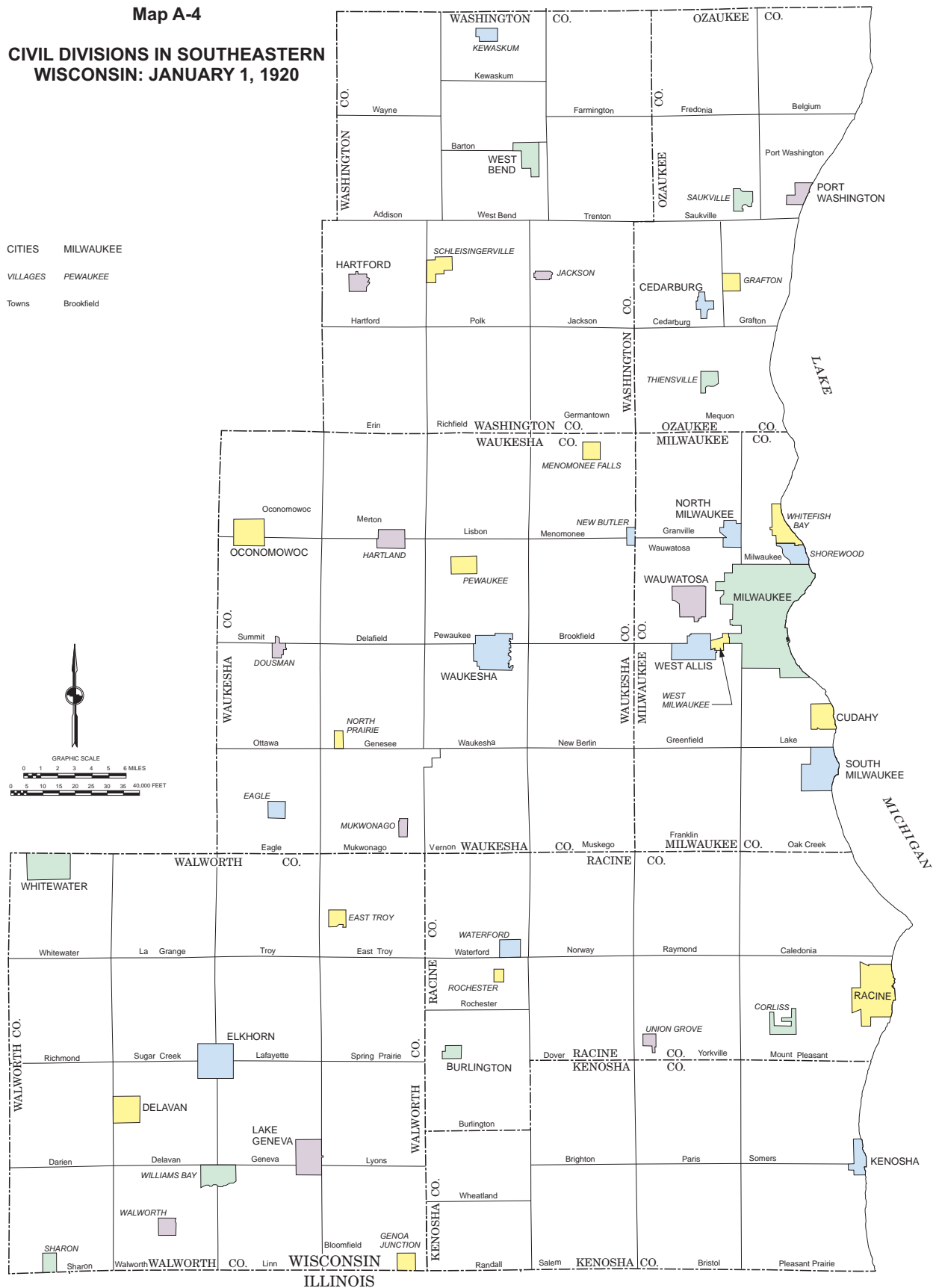
CITIES MILWAUKEE  
 VILLAGES PEWAUKEE  
 Towns Brookfield



Source: SEWRPC.

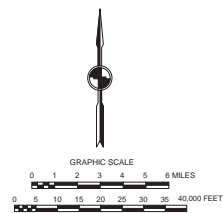
**Map A-4**  
**CIVIL DIVISIONS IN SOUTHEASTERN**  
**WISCONSIN: JANUARY 1, 1920**

CITIES MILWAUKEE  
 VILLAGES PEWAUKEE  
 Towns Brookfield



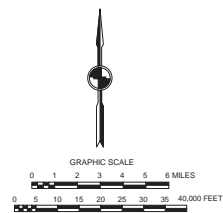
Source: SEWRPC.

### Map A-5



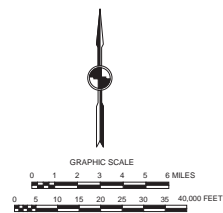
Source: SEWRPC.

### Map A-6



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## Map A-7

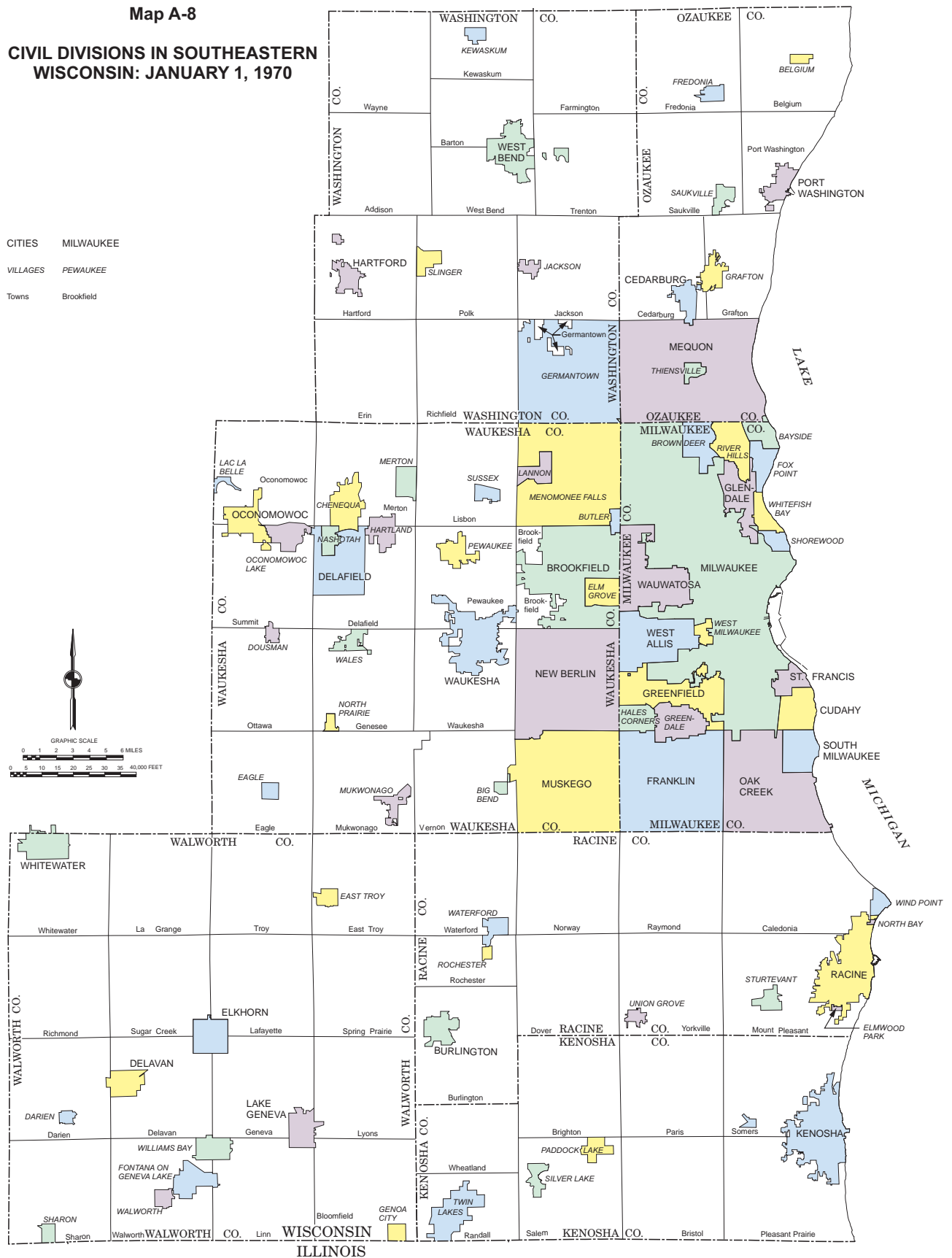


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**Map A-8**  
**CIVIL DIVISIONS IN SOUTHEASTERN**  
**WISCONSIN: JANUARY 1, 1970**

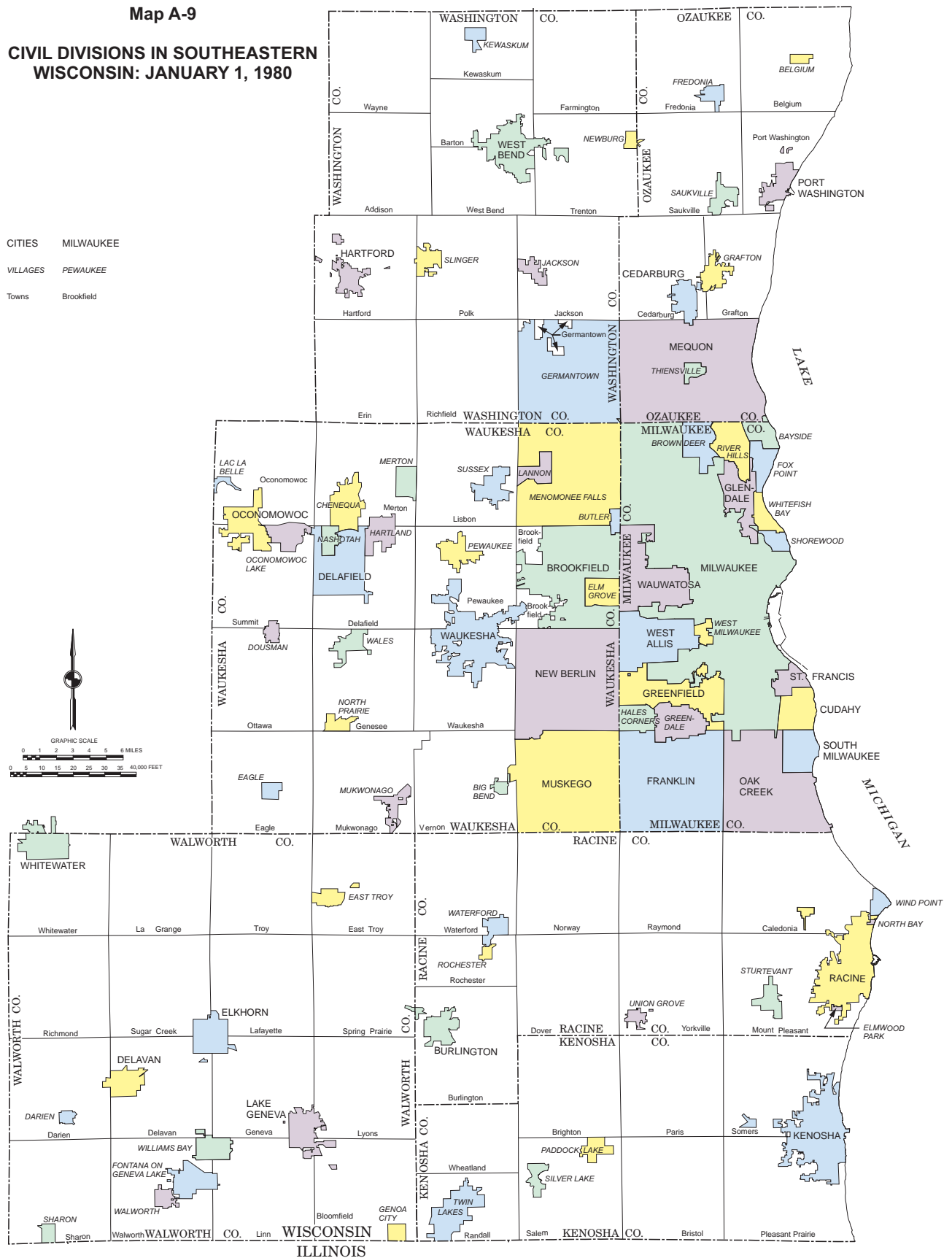
CITIES MILWAUKEE  
 VILLAGES PEWAUKEE  
 Towns Brookfield



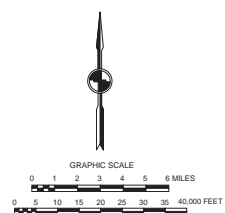
Source: SEWRPC.

**Map A-9**  
**CIVIL DIVISIONS IN SOUTHEASTERN**  
**WISCONSIN: JANUARY 1, 1980**

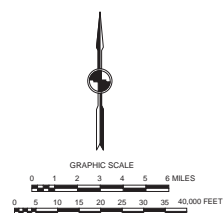
CITIES MILWAUKEE  
 VILLAGES PEWAUKEE  
 Towns Brookfield



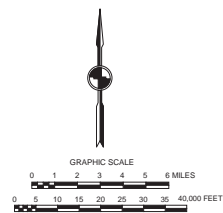
Source: SEWRPC.

**Map A-10**

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**Map A-11**

Source: SEWRPC.

**Map A-12**

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## Appendix B

### PROJECTED POPULATION BY AGE AND SEX FOR THE SOUTHEASTERN WISCONSIN REGION BY COUNTY: 2010-2050 (INTERMEDIATE GROWTH SCENARIO)

Table B-1

#### PROJECTED POPULATION IN THE REGION BY AGE AND SEX: 2010-2050 (INTERMEDIATE PROJECTION)

Age Group	Actual Population			Projected Population					
	2010			2015			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	67,910	65,593	133,503	67,793	64,781	132,574	70,162	67,054	137,216
5 to 9 .....	70,012	66,998	137,010	67,190	64,908	132,098	67,429	64,436	131,865
10 to 14 .....	71,432	68,686	140,118	71,078	68,023	139,101	68,360	66,073	134,433
15 to 19 .....	74,541	70,385	144,926	71,738	68,720	140,458	71,545	68,212	139,757
20 to 24 .....	69,086	68,509	137,595	72,126	70,101	142,227	69,628	68,379	138,007
25 to 29 .....	67,748	69,573	137,321	68,732	69,528	138,260	71,927	71,327	143,254
30 to 34 .....	63,579	64,595	128,174	68,342	70,564	138,906	69,374	70,616	139,990
35 to 39 .....	62,179	63,672	125,851	63,437	64,798	128,235	68,554	71,168	139,722
40 to 44 .....	67,411	69,045	136,456	61,543	63,406	124,949	62,992	64,665	127,657
45 to 49 .....	75,255	78,322	153,577	66,334	68,470	134,804	60,685	62,971	123,656
50 to 54 .....	75,561	77,841	153,402	73,280	77,044	150,324	64,731	67,477	132,208
55 to 59 .....	64,914	67,358	132,272	71,793	74,722	146,515	69,996	74,351	144,347
60 to 64 .....	51,486	54,272	105,758	60,077	63,410	123,487	66,948	70,710	137,658
65 to 69 .....	33,919	38,703	72,622	45,570	50,036	95,606	53,637	58,867	112,504
70 to 74 .....	24,566	30,359	54,925	29,562	35,467	65,029	40,064	46,201	86,265
75 to 79 .....	19,760	26,849	46,609	20,178	26,978	47,156	24,644	31,898	56,542
80 to 84 .....	15,512	24,428	39,940	14,664	22,058	36,722	15,287	22,579	37,866
85 and Older .....	12,386	27,525	39,911	14,265	30,079	44,344	15,202	30,856	46,058
Total Population	987,257	1,032,713	2,019,970	1,007,702	1,053,093	2,060,795	1,031,165	1,077,840	2,109,005

Age Group	Projected Population								
	2025			2030			2035		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	71,611	68,426	140,037	72,589	69,354	141,943	72,843	69,588	142,431
5 to 9 .....	70,107	67,010	137,117	71,772	68,587	140,359	72,987	69,739	142,726
10 to 14 .....	68,628	65,615	134,243	71,380	68,262	139,642	73,142	69,931	143,073
15 to 19 .....	68,835	66,310	135,145	69,087	65,836	134,923	71,901	68,520	140,421
20 to 24 .....	69,606	68,214	137,820	66,964	66,306	133,270	67,165	65,859	133,024
25 to 29 .....	69,408	69,581	138,989	69,364	69,416	138,780	66,803	67,503	134,306
30 to 34 .....	73,218	73,147	146,365	70,853	71,755	142,608	70,729	71,384	142,113
35 to 39 .....	69,553	71,221	140,774	73,865	74,246	148,111	71,769	73,267	145,036
40 to 44 .....	68,144	71,086	139,230	69,028	71,049	140,077	73,657	74,380	148,037
45 to 49 .....	62,171	64,239	126,410	67,256	70,603	137,859	68,121	70,561	138,682
50 to 54 .....	59,294	62,106	121,400	60,806	63,379	124,185	65,817	69,674	135,491
55 to 59 .....	61,989	65,258	127,247	56,859	60,106	116,965	58,382	61,363	119,745
60 to 64 .....	65,642	70,686	136,328	58,254	62,088	120,342	53,532	57,194	110,726
65 to 69 .....	60,220	66,043	126,263	59,328	66,339	125,667	52,804	58,395	111,199
70 to 74 .....	47,502	54,648	102,150	53,716	61,584	115,300	53,265	62,197	115,462
75 to 79 .....	33,698	41,850	75,548	40,263	49,727	89,990	45,974	56,348	102,322
80 to 84 .....	19,012	27,058	46,070	26,313	35,830	62,143	31,810	42,927	74,737
85 and Older .....	16,405	32,196	48,601	19,436	36,228	55,664	25,566	44,663	70,229
Total Population	1,055,043	1,104,694	2,159,737	1,077,133	1,130,695	2,207,828	1,096,267	1,153,493	2,249,760

Age Group	Projected Population								
	2040			2045			2050		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	72,674	69,426	142,100	72,977	69,713	142,690	74,384	71,045	145,429
5 to 9 .....	73,495	70,221	143,716	73,568	70,288	143,856	74,102	70,795	144,897
10 to 14 .....	74,520	71,241	145,761	75,201	71,889	147,090	75,394	72,066	147,460
15 to 19 .....	73,731	70,223	143,954	75,194	71,581	146,775	75,953	72,279	148,232
20 to 24 .....	69,822	68,465	138,287	71,529	70,078	141,607	72,854	71,314	144,168
25 to 29 .....	67,084	67,112	134,196	69,756	69,797	139,553	71,464	71,464	142,928
30 to 34 .....	68,062	69,374	137,436	68,439	69,058	137,497	71,394	72,103	143,497
35 to 39 .....	71,745	72,912	144,657	69,084	70,945	140,029	69,571	70,728	140,299
40 to 44 .....	71,891	73,782	145,673	72,041	73,522	145,563	69,417	71,618	141,035
45 to 49 .....	72,949	74,090	147,039	71,454	73,779	145,233	71,741	73,607	145,348
50 to 54 .....	66,762	69,703	136,465	71,681	73,357	145,038	70,398	73,253	143,651
55 to 59 .....	63,253	67,488	130,741	64,325	67,651	131,976	69,279	71,401	140,680
60 to 64 .....	55,097	58,422	113,519	59,821	64,328	124,149	61,064	64,601	125,665
65 to 69 .....	48,685	53,876	102,561	50,313	55,150	105,463	54,818	60,876	115,694
70 to 74 .....	47,646	54,935	102,581	44,142	50,790	94,932	45,840	52,128	97,968
75 to 79 .....	46,016	57,349	103,365	41,468	50,940	92,408	38,659	47,256	85,915
80 to 84 .....	36,850	49,129	85,979	37,404	50,595	87,999	34,092	45,324	79,416
85 and Older .....	32,664	55,072	87,736	40,338	66,499	106,837	45,958	75,800	121,758
Total Population	1,112,946	1,172,820	2,285,766	1,128,735	1,189,960	2,318,695	1,146,382	1,207,658	2,354,040

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

Table B-2

**PROJECTED POPULATION IN KENOSHA COUNTY BY AGE AND SEX: 2010-2050  
(INTERMEDIATE PROJECTION)**

Age Group	Actual Population			Projected Population					
	2010			2015			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	5,583	5,412	10,995	5,681	5,438	11,119	6,207	5,947	12,154
5 to 9 .....	6,065	5,785	11,850	5,753	5,578	11,331	5,858	5,609	11,467
10 to 14 .....	6,365	5,945	12,310	6,468	6,171	12,639	6,143	5,957	12,100
15 to 19 .....	6,773	6,256	13,029	6,727	6,355	13,082	6,845	6,605	13,450
20 to 24 .....	5,754	5,553	11,307	6,539	6,180	12,719	6,502	6,279	12,781
25 to 29 .....	5,146	5,231	10,377	5,718	5,676	11,394	6,501	6,320	12,821
30 to 34 .....	5,192	5,304	10,496	5,431	5,652	11,083	6,044	6,142	12,186
35 to 39 .....	5,514	5,621	11,135	5,464	5,700	11,164	5,724	6,086	11,810
40 to 44 .....	6,034	6,038	12,072	5,654	5,822	11,476	5,610	5,911	11,521
45 to 49 .....	6,905	6,862	13,767	6,037	6,078	12,115	5,664	5,866	11,530
50 to 54 .....	6,167	6,228	12,395	6,793	6,817	13,610	5,948	6,045	11,993
55 to 59 .....	5,150	5,098	10,248	5,960	6,099	12,059	6,578	6,683	13,261
60 to 64 .....	3,855	3,911	7,766	4,782	4,814	9,596	5,552	5,774	11,326
65 to 69 .....	2,636	2,959	5,595	3,481	3,694	7,175	4,339	4,560	8,899
70 to 74 .....	1,935	2,210	4,145	2,291	2,680	4,971	3,046	3,360	6,406
75 to 79 .....	1,385	1,912	3,297	1,562	1,888	3,450	1,866	2,305	4,171
80 to 84 .....	1,107	1,738	2,845	1,033	1,536	2,569	1,183	1,533	2,716
85 and Older .....	878	1,919	2,797	1,024	2,065	3,089	1,085	2,068	3,153
Total Population	82,444	83,982	166,426	86,398	88,243	174,641	90,695	93,050	183,745

Age Group	Projected Population								
	2025			2030			2035		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	6,603	6,323	12,926	6,907	6,610	13,517	7,084	6,780	13,864
5 to 9 .....	6,401	6,134	12,535	6,803	6,515	13,318	7,111	6,807	13,918
10 to 14 .....	6,253	5,989	12,242	6,821	6,538	13,359	7,238	6,933	14,171
15 to 19 .....	6,498	6,375	12,873	6,605	6,398	13,003	7,196	6,973	14,169
20 to 24 .....	6,616	6,527	13,143	6,276	6,298	12,574	6,376	6,319	12,695
25 to 29 .....	6,467	6,422	12,889	6,582	6,671	13,253	6,246	6,435	12,681
30 to 34 .....	6,872	6,839	13,711	6,827	6,935	13,762	6,941	7,191	14,132
35 to 39 .....	6,371	6,612	12,983	7,235	7,349	14,584	7,180	7,440	14,620
40 to 44 .....	5,879	6,312	12,191	6,540	6,851	13,391	7,424	7,609	15,033
45 to 49 .....	5,625	5,959	11,584	5,896	6,362	12,258	6,560	6,906	13,466
50 to 54 .....	5,588	5,838	11,426	5,554	5,934	11,488	5,827	6,338	12,165
55 to 59 .....	5,771	5,933	11,704	5,430	5,736	11,166	5,406	5,836	11,242
60 to 64 .....	6,144	6,337	12,481	5,401	5,632	11,033	5,091	5,450	10,541
65 to 69 .....	5,057	5,484	10,541	5,613	6,032	11,645	4,948	5,372	10,320
70 to 74 .....	3,818	4,162	7,980	4,473	5,024	9,497	4,989	5,547	10,536
75 to 79 .....	2,504	2,909	5,413	3,165	3,621	6,786	3,738	4,396	8,134
80 to 84 .....	1,434	1,890	3,324	1,949	2,407	4,356	2,495	3,022	5,517
85 and Older .....	1,222	2,102	3,324	1,461	2,367	3,828	1,911	2,870	4,781
Total Population	95,123	98,147	193,270	99,538	103,280	202,818	103,761	108,224	211,985

Age Group	Projected Population								
	2040			2045			2050		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	7,216	6,910	14,126	7,410	7,092	14,502	7,727	7,394	15,121
5 to 9 .....	7,294	6,982	14,276	7,434	7,120	14,554	7,637	7,310	14,947
10 to 14 .....	7,567	7,245	14,812	7,768	7,438	15,206	7,922	7,587	15,509
15 to 19 .....	7,637	7,396	15,033	7,990	7,733	15,723	8,206	7,943	16,149
20 to 24 .....	6,947	6,887	13,834	7,379	7,305	14,684	7,723	7,639	15,362
25 to 29 .....	6,347	6,456	12,803	6,917	7,039	13,956	7,349	7,467	14,816
30 to 34 .....	6,588	6,939	13,527	6,702	6,968	13,670	7,309	7,601	14,910
35 to 39 .....	7,302	7,717	15,019	6,940	7,455	14,395	7,064	7,491	14,555
40 to 44 .....	7,372	7,707	15,079	7,504	8,000	15,504	7,137	7,733	14,870
45 to 49 .....	7,453	7,674	15,127	7,408	7,777	15,185	7,546	8,077	15,623
50 to 54 .....	6,491	6,884	13,375	7,383	7,655	15,038	7,345	7,762	15,107
55 to 59 .....	5,680	6,238	11,918	6,336	6,782	13,118	7,218	7,547	14,765
60 to 64 .....	5,081	5,553	10,634	5,350	5,945	11,295	5,981	6,473	12,454
65 to 69 .....	4,680	5,211	9,891	4,688	5,321	10,009	4,952	5,707	10,659
70 to 74 .....	4,422	4,956	9,378	4,204	4,823	9,027	4,230	4,940	9,170
75 to 79 .....	4,203	4,879	9,082	3,753	4,382	8,135	3,595	4,285	7,880
80 to 84 .....	2,983	3,700	6,683	3,393	4,141	7,534	3,064	3,749	6,813
85 and Older .....	2,514	3,593	6,107	3,192	4,507	7,699	3,889	5,414	9,303
Total Population	107,777	112,927	220,704	111,751	117,483	229,234	115,894	122,119	238,013

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



Table B-3

**PROJECTED POPULATION IN MILWAUKEE COUNTY BY AGE AND SEX: 2010-2050  
(INTERMEDIATE PROJECTION)**

Age Group	Actual Population			Projected Population					
	2010			2015			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	35,292	34,072	69,364	35,597	34,026	69,623	35,888	34,301	70,189
5 to 9 .....	32,693	31,596	64,289	32,100	30,981	63,081	32,608	31,160	63,768
10 to 14 .....	32,288	30,844	63,132	31,808	30,747	62,555	31,287	30,203	61,490
15 to 19 .....	35,373	34,539	69,912	31,860	30,547	62,407	31,410	30,465	61,875
20 to 24 .....	38,234	39,723	77,957	37,213	37,775	74,988	33,630	33,594	67,224
25 to 29 .....	37,969	40,281	78,250	39,158	41,199	80,357	38,197	39,281	77,478
30 to 34 .....	33,404	34,684	68,088	36,504	38,450	74,954	37,747	39,455	77,202
35 to 39 .....	29,633	30,598	60,231	30,998	32,205	63,203	34,054	35,895	69,949
40 to 44 .....	29,198	29,872	59,070	27,559	28,738	56,297	28,968	30,383	59,351
45 to 49 .....	30,449	32,153	62,602	27,558	28,503	56,061	26,107	27,516	53,623
50 to 54 .....	31,212	33,376	64,588	28,865	30,811	59,676	26,213	27,399	53,612
55 to 59 .....	27,373	29,323	56,696	28,805	31,086	59,891	26,759	28,816	55,575
60 to 64 .....	21,175	23,248	44,423	24,694	26,939	51,633	26,154	28,653	54,807
65 to 69 .....	13,119	16,081	29,200	18,021	20,632	38,653	21,198	24,071	45,269
70 to 74 .....	9,754	12,930	22,684	10,944	14,127	25,071	15,191	18,260	33,451
75 to 79 .....	8,142	12,152	20,294	7,558	10,919	18,477	8,591	12,039	20,630
80 to 84 .....	6,685	11,283	17,968	5,696	9,484	15,180	5,388	8,642	14,030
85 and Older .....	5,724	13,263	18,987	6,234	14,288	20,522	6,160	14,147	20,307
Total Population	457,717	490,018	947,735	461,172	491,457	952,629	465,550	494,280	959,830

Age Group	Projected Population								
	2025			2030			2035		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	35,136	33,583	68,719	33,994	32,487	66,481	33,081	31,611	64,692
5 to 9 .....	33,047	31,578	64,625	32,455	31,014	63,469	31,470	30,069	61,539
10 to 14 .....	31,826	30,418	62,244	32,280	30,851	63,131	31,721	30,317	62,038
15 to 19 .....	30,912	29,938	60,850	31,455	30,158	61,613	31,912	30,593	62,505
20 to 24 .....	33,237	33,644	66,881	32,758	33,144	65,902	33,370	33,446	66,816
25 to 29 .....	34,578	35,003	69,581	34,214	35,097	69,311	33,750	34,606	68,356
30 to 34 .....	36,897	37,712	74,609	33,448	33,656	67,104	33,131	33,784	66,915
35 to 39 .....	35,355	36,982	72,337	34,648	35,436	70,084	31,469	31,680	63,149
40 to 44 .....	31,941	33,979	65,920	33,242	35,079	68,321	32,638	33,663	66,301
45 to 49 .....	27,520	29,168	56,688	30,404	32,678	63,082	31,693	33,781	65,474
50 to 54 .....	24,903	26,516	51,419	26,305	28,156	54,461	29,110	31,586	60,696
55 to 59 .....	24,394	25,712	50,106	23,242	24,943	48,185	24,609	26,535	51,144
60 to 64 .....	24,430	26,639	51,069	22,367	23,808	46,175	21,389	23,123	44,512
65 to 69 .....	22,619	25,748	48,367	21,253	24,043	45,296	19,560	21,568	41,128
70 to 74 .....	18,029	21,439	39,468	19,382	23,051	42,433	18,336	21,625	39,961
75 to 79 .....	12,061	15,686	27,747	14,455	18,542	32,997	15,684	20,063	35,747
80 to 84 .....	6,230	9,651	15,881	8,877	12,712	21,589	10,786	15,176	25,962
85 and Older .....	6,113	13,837	19,950	6,682	14,515	21,197	8,596	17,098	25,694
Total Population	469,228	497,233	966,461	471,461	499,370	970,831	472,305	500,324	972,629

Age Group	Projected Population								
	2040			2045			2050		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	32,715	31,259	63,974	32,740	31,284	64,024	32,844	31,377	64,221
5 to 9 .....	30,700	29,331	60,031	30,465	29,105	59,570	30,611	29,246	59,857
10 to 14 .....	30,777	29,412	60,189	30,051	28,716	58,767	29,853	28,525	58,378
15 to 19 .....	31,368	30,069	61,437	30,445	29,179	59,624	29,740	28,496	58,236
20 to 24 .....	33,894	33,995	67,889	33,371	33,505	66,876	32,451	32,617	65,068
25 to 29 .....	34,412	34,955	69,367	34,993	35,575	70,568	34,499	35,115	69,614
30 to 34 .....	32,717	33,352	66,069	33,405	33,743	67,148	34,023	34,407	68,430
35 to 39 .....	31,235	31,863	63,098	30,927	31,538	62,465	31,676	32,008	63,684
40 to 44 .....	29,703	30,144	59,847	29,557	30,385	59,942	29,350	30,154	59,504
45 to 49 .....	31,168	32,464	63,632	28,424	29,123	57,547	28,348	29,416	57,764
50 to 54 .....	30,397	32,698	63,095	29,953	31,476	61,429	27,376	28,291	55,667
55 to 59 .....	27,296	29,824	57,120	28,579	30,945	59,524	28,243	29,864	58,107
60 to 64 .....	22,726	24,629	47,355	25,303	27,734	53,037	26,601	28,842	55,443
65 to 69 .....	18,800	21,024	39,824	20,082	22,485	42,567	22,483	25,428	47,911
70 to 74 .....	16,989	19,489	36,478	16,443	19,089	35,532	17,684	20,515	38,199
75 to 79 .....	14,972	18,938	33,910	13,999	17,177	31,176	13,671	16,929	30,600
80 to 84 .....	11,862	16,582	28,444	11,478	15,809	27,287	10,877	14,481	25,358
85 and Older .....	10,922	20,583	31,505	13,098	24,078	37,176	14,412	26,251	40,663
Total Population	472,653	500,611	973,264	473,313	500,946	974,259	474,742	501,962	976,704

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

Table B-4

**PROJECTED POPULATION IN OZAUKEE COUNTY BY AGE AND SEX: 2010-2050  
(INTERMEDIATE PROJECTION)**

Age Group	Actual Population			Projected Population					
	2010			2015			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	2,346	2,202	4,548	2,225	2,125	4,350	2,487	2,377	4,864
5 to 9 .....	2,920	2,699	5,619	2,716	2,549	5,265	2,631	2,514	5,145
10 to 14 .....	3,247	2,974	6,221	3,126	2,889	6,015	2,937	2,756	5,693
15 to 19 .....	3,144	3,026	6,170	3,262	2,998	6,260	3,144	2,916	6,060
20 to 24 .....	2,153	2,081	4,234	2,626	2,583	5,209	2,830	2,645	5,475
25 to 29 .....	2,079	1,995	4,074	1,984	1,962	3,946	2,460	2,464	4,924
30 to 34 .....	2,022	1,999	4,021	2,321	2,309	4,630	2,255	2,322	4,577
35 to 39 .....	2,329	2,479	4,808	2,358	2,349	4,707	2,770	2,779	5,549
40 to 44 .....	3,009	3,199	6,208	2,527	2,678	5,205	2,595	2,569	5,164
45 to 49 .....	3,553	3,752	7,305	3,068	3,256	6,324	2,591	2,737	5,328
50 to 54 .....	3,802	3,965	7,767	3,489	3,724	7,213	3,019	3,235	6,254
55 to 59 .....	3,275	3,470	6,745	3,620	3,860	7,480	3,343	3,640	6,983
60 to 64 .....	2,696	2,771	5,467	3,044	3,321	6,365	3,399	3,719	7,118
65 to 69 .....	1,905	2,098	4,003	2,469	2,635	5,104	2,822	3,178	6,000
70 to 74 .....	1,347	1,559	2,906	1,714	1,992	3,706	2,246	2,519	4,765
75 to 79 .....	1,094	1,346	2,440	1,190	1,489	2,679	1,530	1,927	3,457
80 to 84 .....	806	1,176	1,982	836	1,146	1,982	924	1,290	2,214
85 and Older .....	613	1,264	1,877	760	1,447	2,207	879	1,582	2,461
Total Population	42,340	44,055	86,395	43,335	45,312	88,647	44,862	47,169	92,031

Age Group	Projected Population								
	2025			2030			2035		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	2,770	2,646	5,416	2,978	2,848	5,826	3,034	2,897	5,931
5 to 9 .....	2,913	2,785	5,698	3,204	3,062	6,266	3,418	3,268	6,686
10 to 14 .....	2,832	2,706	5,538	3,116	2,979	6,095	3,414	3,263	6,677
15 to 19 .....	2,953	2,780	5,733	2,847	2,726	5,573	3,131	3,001	6,132
20 to 24 .....	2,683	2,536	5,219	2,466	2,370	4,836	2,343	2,295	4,638
25 to 29 .....	2,632	2,510	5,142	2,474	2,391	4,865	2,260	2,225	4,485
30 to 34 .....	2,775	2,888	5,663	2,941	2,905	5,846	2,748	2,745	5,493
35 to 39 .....	2,666	2,766	5,432	3,237	3,394	6,631	3,402	3,384	6,786
40 to 44 .....	3,031	3,024	6,055	2,897	2,989	5,886	3,500	3,653	7,153
45 to 49 .....	2,657	2,623	5,280	3,098	3,082	6,180	2,958	3,044	6,002
50 to 54 .....	2,552	2,721	5,273	2,620	2,609	5,229	3,057	3,067	6,124
55 to 59 .....	2,893	3,161	6,054	2,443	2,658	5,101	2,508	2,549	5,057
60 to 64 .....	3,137	3,503	6,640	2,711	3,036	5,747	2,289	2,550	4,839
65 to 69 .....	3,152	3,561	6,713	2,907	3,357	6,264	2,514	2,912	5,426
70 to 74 .....	2,577	3,047	5,624	2,887	3,421	6,308	2,673	3,233	5,906
75 to 79 .....	2,022	2,445	4,467	2,338	2,962	5,300	2,641	3,337	5,978
80 to 84 .....	1,204	1,681	2,885	1,611	2,143	3,754	1,885	2,612	4,497
85 and Older .....	1,012	1,773	2,785	1,265	2,151	3,416	1,669	2,705	4,374
Total Population	46,461	49,156	95,617	48,040	51,083	99,123	49,444	52,740	102,184

Age Group	Projected Population								
	2040			2045			2050		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	2,999	2,865	5,864	2,999	2,864	5,863	3,134	2,992	6,126
5 to 9 .....	3,483	3,327	6,810	3,459	3,305	6,764	3,469	3,314	6,783
10 to 14 .....	3,642	3,483	7,125	3,720	3,554	7,274	3,700	3,535	7,235
15 to 19 .....	3,430	3,287	6,717	3,661	3,510	7,171	3,740	3,583	7,323
20 to 24 .....	2,580	2,528	5,108	2,850	2,790	5,640	3,059	2,992	6,051
25 to 29 .....	2,148	2,156	4,304	2,374	2,380	4,754	2,629	2,631	5,260
30 to 34 .....	2,512	2,555	5,067	2,396	2,489	4,885	2,655	2,756	5,411
35 to 39 .....	3,181	3,199	6,380	2,924	2,994	5,918	2,798	2,926	5,724
40 to 44 .....	3,681	3,643	7,324	3,454	3,454	6,908	3,183	3,240	6,423
45 to 49 .....	3,575	3,722	7,297	3,766	3,717	7,483	3,537	3,526	7,063
50 to 54 .....	2,922	3,031	5,953	3,536	3,708	7,244	3,728	3,707	7,435
55 to 59 .....	2,932	2,998	5,930	2,808	2,968	5,776	3,405	3,635	7,040
60 to 64 .....	2,356	2,447	4,803	2,764	2,885	5,649	2,655	2,860	5,515
65 to 69 .....	2,130	2,451	4,581	2,204	2,359	4,563	2,595	2,788	5,383
70 to 74 .....	2,324	2,814	5,138	1,981	2,378	4,359	2,061	2,297	4,358
75 to 79 .....	2,465	3,171	5,636	2,159	2,777	4,936	1,854	2,360	4,214
80 to 84 .....	2,155	2,968	5,123	2,036	2,848	4,884	1,804	2,516	4,320
85 and Older .....	2,101	3,396	5,497	2,564	4,128	6,692	2,821	4,590	7,411
Total Population	50,616	54,041	104,657	51,655	55,108	106,763	52,827	56,248	109,075

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

Table B-5

**PROJECTED POPULATION IN RACINE COUNTY BY AGE AND SEX: 2010-2050  
(INTERMEDIATE PROJECTION)**

Age Group	Actual Population			Projected Population					
	2010			2015			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	6,520	6,227	12,747	6,397	6,111	12,508	6,418	6,129	12,547
5 to 9 .....	6,761	6,472	13,233	6,602	6,314	12,916	6,520	6,236	12,756
10 to 14 .....	7,098	6,893	13,991	6,898	6,619	13,517	6,798	6,517	13,315
15 to 19 .....	6,908	6,320	13,228	6,930	6,739	13,669	6,781	6,515	13,296
20 to 24 .....	5,928	5,261	11,189	6,147	5,631	11,778	6,407	6,239	12,646
25 to 29 .....	5,989	5,974	11,963	5,689	5,057	10,746	5,972	5,478	11,450
30 to 34 .....	5,927	5,906	11,833	6,205	6,200	12,405	5,990	5,333	11,323
35 to 39 .....	6,091	5,951	12,042	6,057	6,049	12,106	6,414	6,422	12,836
40 to 44 .....	6,810	6,884	13,694	6,128	5,999	12,127	6,130	6,133	12,263
45 to 49 .....	7,935	7,982	15,917	6,765	6,909	13,674	6,115	6,047	12,162
50 to 54 .....	7,805	8,056	15,861	7,747	7,915	15,662	6,615	6,857	13,472
55 to 59 .....	6,604	6,613	13,217	7,434	7,735	15,169	7,438	7,655	15,093
60 to 64 .....	5,276	5,478	10,754	6,067	6,178	12,245	6,943	7,337	14,280
65 to 69 .....	3,566	4,036	7,602	4,694	5,007	9,701	5,508	5,753	11,261
70 to 74 .....	2,697	3,103	5,800	3,138	3,657	6,795	4,189	4,591	8,780
75 to 79 .....	2,013	2,567	4,580	2,200	2,693	4,893	2,587	3,197	5,784
80 to 84 .....	1,590	2,321	3,911	1,504	2,113	3,617	1,673	2,247	3,920
85 and Older .....	1,253	2,593	3,846	1,515	2,960	4,475	1,660	3,137	4,797
Total Population	96,771	98,637	195,408	98,117	99,886	198,003	100,158	101,823	201,981

Age Group	Projected Population								
	2025			2030			2035		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	6,548	6,250	12,798	6,780	6,473	13,253	6,955	6,642	13,597
5 to 9 .....	6,577	6,289	12,866	6,708	6,411	13,119	6,943	6,637	13,580
10 to 14 .....	6,766	6,486	13,252	6,821	6,537	13,358	6,954	6,661	13,615
15 to 19 .....	6,721	6,450	13,171	6,687	6,417	13,104	6,739	6,465	13,204
20 to 24 .....	6,470	6,224	12,694	6,398	6,148	12,546	6,354	6,103	12,457
25 to 29 .....	6,290	6,132	12,422	6,348	6,113	12,461	6,275	6,035	12,310
30 to 34 .....	6,375	5,855	12,230	6,711	6,549	13,260	6,767	6,523	13,290
35 to 39 .....	6,250	5,576	11,826	6,652	6,120	12,772	7,000	6,841	13,841
40 to 44 .....	6,523	6,542	13,065	6,358	5,680	12,038	6,768	6,235	13,003
45 to 49 .....	6,142	6,205	12,347	6,541	6,620	13,161	6,377	5,749	12,126
50 to 54 .....	5,988	6,007	11,995	6,022	6,168	12,190	6,420	6,585	13,005
55 to 59 .....	6,395	6,673	13,068	5,797	5,850	11,647	5,838	6,011	11,849
60 to 64 .....	7,046	7,357	14,403	6,069	6,419	12,488	5,511	5,632	11,143
65 to 69 .....	6,413	6,941	13,354	6,527	6,970	13,497	5,639	6,091	11,730
70 to 74 .....	4,979	5,331	10,310	5,826	6,453	12,279	5,960	6,500	12,460
75 to 79 .....	3,487	4,041	7,528	4,178	4,719	8,897	4,928	5,743	10,671
80 to 84 .....	2,002	2,703	4,705	2,734	3,447	6,181	3,315	4,061	7,376
85 and Older .....	1,887	3,410	5,297	2,244	3,929	6,173	2,926	4,809	7,735
Total Population	102,859	104,472	207,331	105,401	107,023	212,424	107,669	109,323	216,992

Age Group	Projected Population								
	2040			2045			2050		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	7,017	6,698	13,715	7,032	6,715	13,747	7,095	6,774	13,869
5 to 9 .....	7,121	6,811	13,932	7,186	6,869	14,055	7,204	6,887	14,091
10 to 14 .....	7,195	6,893	14,088	7,382	7,076	14,458	7,450	7,139	14,589
15 to 19 .....	6,871	6,587	13,458	7,109	6,817	13,926	7,296	6,999	14,295
20 to 24 .....	6,398	6,143	12,541	6,527	6,262	12,789	6,759	6,486	13,245
25 to 29 .....	6,231	5,990	12,221	6,276	6,030	12,306	6,406	6,149	12,555
30 to 34 .....	6,689	6,438	13,127	6,644	6,392	13,036	6,697	6,438	13,135
35 to 39 .....	7,059	6,814	13,873	6,981	6,726	13,707	6,936	6,682	13,618
40 to 44 .....	7,125	6,971	14,096	7,189	6,944	14,133	7,114	6,858	13,972
45 to 49 .....	6,793	6,312	13,105	7,157	7,062	14,219	7,227	7,038	14,265
50 to 54 .....	6,265	5,722	11,987	6,681	6,286	12,967	7,046	7,037	14,083
55 to 59 .....	6,231	6,421	12,652	6,090	5,584	11,674	6,504	6,141	12,645
60 to 64 .....	5,560	5,793	11,353	5,947	6,196	12,143	5,826	5,398	11,224
65 to 69 .....	5,135	5,354	10,489	5,198	5,519	10,717	5,578	5,916	11,494
70 to 74 .....	5,175	5,699	10,874	4,737	5,026	9,763	4,817	5,198	10,015
75 to 79 .....	5,082	5,816	10,898	4,447	5,125	9,572	4,099	4,542	8,641
80 to 84 .....	3,958	4,983	8,941	4,131	5,088	9,219	3,656	4,519	8,175
85 and Older .....	3,735	5,862	9,597	4,686	7,264	11,950	5,462	8,382	13,844
Total Population	109,640	111,307	220,947	111,400	112,981	224,381	113,172	114,583	227,755

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

Table B-6

**PROJECTED POPULATION IN WALWORTH COUNTY BY AGE AND SEX: 2010-2050  
(INTERMEDIATE PROJECTION)**

Age Group	Actual Population			Projected Population					
	2010			2015			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	3,168	3,028	6,196	3,016	2,879	5,895	3,217	3,075	6,292
5 to 9 .....	3,521	3,247	6,768	3,404	3,255	6,659	3,251	3,104	6,355
10 to 14 .....	3,538	3,258	6,796	3,845	3,548	7,393	3,731	3,568	7,299
15 to 19 .....	3,939	3,649	7,588	3,917	3,579	7,496	4,273	3,912	8,185
20 to 24 .....	4,612	4,072	8,684	4,085	3,681	7,766	4,069	3,612	7,681
25 to 29 .....	2,961	2,785	5,746	4,079	3,654	7,733	3,637	3,322	6,959
30 to 34 .....	2,911	2,813	5,724	2,747	2,674	5,421	3,799	3,515	7,314
35 to 39 .....	2,974	3,079	6,053	3,066	3,083	6,149	2,902	2,942	5,844
40 to 44 .....	3,354	3,307	6,661	3,117	3,274	6,391	3,222	3,287	6,509
45 to 49 .....	3,899	3,972	7,871	3,466	3,460	6,926	3,229	3,435	6,664
50 to 54 .....	3,880	3,817	7,697	3,999	4,125	8,124	3,567	3,603	7,170
55 to 59 .....	3,512	3,418	6,930	3,930	3,950	7,880	4,066	4,283	8,349
60 to 64 .....	2,860	2,897	5,757	3,493	3,426	6,919	3,924	3,970	7,894
65 to 69 .....	2,117	2,137	4,254	2,699	2,809	5,508	3,310	3,333	6,643
70 to 74 .....	1,433	1,675	3,108	1,892	1,959	3,851	2,428	2,585	5,013
75 to 79 .....	1,062	1,279	2,341	1,215	1,510	2,725	1,619	1,778	3,397
80 to 84 .....	867	1,193	2,060	792	1,081	1,873	920	1,291	2,211
85 and Older .....	629	1,365	1,994	756	1,364	2,120	796	1,328	2,124
Total Population	51,237	50,991	102,228	53,518	53,311	106,829	55,960	55,943	111,903

Age Group	Projected Population								
	2025			2030			2035		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	3,333	3,183	6,516	3,439	3,284	6,723	3,548	3,390	6,938
5 to 9 .....	3,469	3,319	6,788	3,604	3,444	7,048	3,724	3,558	7,282
10 to 14 .....	3,566	3,406	6,972	3,817	3,654	7,471	3,971	3,796	7,767
15 to 19 .....	4,152	3,938	8,090	3,983	3,772	7,755	4,271	4,053	8,324
20 to 24 .....	4,444	3,949	8,393	4,325	3,977	8,302	4,153	3,810	7,963
25 to 29 .....	3,628	3,264	6,892	3,988	3,588	7,576	3,892	3,622	7,514
30 to 34 .....	3,390	3,198	6,588	3,395	3,149	6,544	3,739	3,464	7,203
35 to 39 .....	4,016	3,871	7,887	3,594	3,534	7,128	3,604	3,486	7,090
40 to 44 .....	3,054	3,139	6,193	4,237	4,143	8,380	3,797	3,786	7,583
45 to 49 .....	3,343	3,452	6,795	3,177	3,304	6,481	4,412	4,367	8,779
50 to 54 .....	3,328	3,582	6,910	3,455	3,609	7,064	3,289	3,459	6,748
55 to 59 .....	3,635	3,746	7,381	3,403	3,735	7,138	3,540	3,770	7,310
60 to 64 .....	4,073	4,314	8,387	3,657	3,784	7,441	3,433	3,781	7,214
65 to 69 .....	3,734	3,872	7,606	3,892	4,221	8,113	3,509	3,712	7,221
70 to 74 .....	2,996	3,080	6,076	3,402	3,592	6,994	3,566	3,929	7,495
75 to 79 .....	2,097	2,361	4,458	2,611	2,832	5,443	2,988	3,321	6,309
80 to 84 .....	1,243	1,537	2,780	1,632	2,063	3,695	2,057	2,497	4,554
85 and Older .....	897	1,448	2,345	1,137	1,679	2,816	1,492	2,138	3,630
Total Population	58,398	58,659	117,057	60,748	61,364	122,112	62,985	63,939	126,924

Age Group	Projected Population								
	2040			2045			2050		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	3,647	3,484	7,131	3,749	3,583	7,332	3,889	3,716	7,605
5 to 9 .....	3,840	3,670	7,510	3,950	3,775	7,725	4,068	3,889	7,957
10 to 14 .....	4,102	3,920	8,022	4,232	4,046	8,278	4,364	4,170	8,534
15 to 19 .....	4,441	4,208	8,649	4,592	4,349	8,941	4,747	4,497	9,244
20 to 24 .....	4,453	4,094	8,547	4,633	4,251	8,884	4,796	4,395	9,191
25 to 29 .....	3,735	3,468	7,203	4,011	3,732	7,743	4,187	3,886	8,073
30 to 34 .....	3,647	3,497	7,144	3,504	3,350	6,854	3,771	3,609	7,380
35 to 39 .....	3,968	3,833	7,801	3,874	3,874	7,748	3,728	3,718	7,446
40 to 44 .....	3,808	3,735	7,543	4,198	4,110	8,308	4,104	4,160	8,264
45 to 49 .....	3,957	3,990	7,947	3,972	3,941	7,913	4,387	4,342	8,729
50 to 54 .....	4,570	4,573	9,143	4,103	4,183	8,286	4,124	4,139	8,263
55 to 59 .....	3,374	3,615	6,989	4,698	4,786	9,484	4,227	4,386	8,613
60 to 64 .....	3,579	3,821	7,400	3,419	3,671	7,090	4,774	4,869	9,643
65 to 69 .....	3,305	3,716	7,021	3,457	3,765	7,222	3,312	3,625	6,937
70 to 74 .....	3,232	3,468	6,700	3,060	3,483	6,543	3,216	3,539	6,755
75 to 79 .....	3,158	3,652	6,810	2,883	3,241	6,124	2,749	3,272	6,021
80 to 84 .....	2,382	2,952	5,334	2,548	3,276	5,824	2,353	2,933	5,286
85 and Older .....	1,938	2,683	4,621	2,392	3,308	5,700	2,770	3,920	6,690
Total Population	65,136	66,379	131,515	67,275	68,724	135,999	69,566	71,065	140,631

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

Table B-7

**PROJECTED POPULATION IN WASHINGTON COUNTY BY AGE AND SEX: 2010-2050  
(INTERMEDIATE PROJECTION)**

Age Group	Actual Population			Projected Population					
	2010			2015			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	4,133	4,046	8,179	3,910	3,735	7,645	4,132	3,946	8,078
5 to 9 .....	4,626	4,402	9,028	4,570	4,475	9,045	4,346	4,152	8,498
10 to 14 .....	4,742	4,745	9,487	4,816	4,586	9,402	4,767	4,672	9,439
15 to 19 .....	4,454	4,036	8,490	4,703	4,658	9,361	4,778	4,504	9,282
20 to 24 .....	3,095	2,825	5,920	3,787	3,510	7,297	4,027	4,077	8,104
25 to 29 .....	3,570	3,558	7,128	3,133	2,956	6,089	3,838	3,681	7,519
30 to 34 .....	3,915	3,708	7,623	4,023	4,075	8,098	3,552	3,408	6,960
35 to 39 .....	4,196	4,160	8,356	4,264	4,042	8,306	4,403	4,463	8,866
40 to 44 .....	5,060	5,146	10,206	4,397	4,352	8,749	4,484	4,240	8,724
45 to 49 .....	5,990	5,991	11,981	5,160	5,257	10,417	4,495	4,455	8,950
50 to 54 .....	5,503	5,321	10,824	5,983	6,071	12,054	5,167	5,338	10,505
55 to 59 .....	4,525	4,682	9,207	5,428	5,320	10,748	5,917	6,082	11,999
60 to 64 .....	3,829	3,826	7,655	4,408	4,635	9,043	5,304	5,279	10,583
65 to 69 .....	2,617	2,866	5,483	3,567	3,770	7,337	4,124	4,585	8,709
70 to 74 .....	1,857	2,156	4,013	2,398	2,854	5,252	3,292	3,780	7,072
75 to 79 .....	1,431	1,763	3,194	1,656	2,046	3,702	2,164	2,734	4,898
80 to 84 .....	1,062	1,550	2,612	1,146	1,552	2,698	1,347	1,822	3,169
85 and Older .....	788	1,713	2,501	970	1,938	2,908	1,135	2,113	3,248
Total Population	65,393	66,494	131,887	68,319	69,832	138,151	71,272	73,331	144,603

Age Group	Projected Population								
	2025			2030			2035		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	4,460	4,259	8,719	4,850	4,631	9,481	5,122	4,889	10,011
5 to 9 .....	4,583	4,378	8,961	4,928	4,707	9,635	5,340	5,099	10,439
10 to 14 .....	4,529	4,331	8,860	4,769	4,559	9,328	5,120	4,894	10,014
15 to 19 .....	4,730	4,587	9,317	4,493	4,251	8,744	4,731	4,473	9,204
20 to 24 .....	4,080	3,931	8,011	4,017	3,986	8,003	3,797	3,677	7,474
25 to 29 .....	4,080	4,273	8,353	4,133	4,113	8,246	4,067	4,163	8,230
30 to 34 .....	4,342	4,232	8,574	4,596	4,888	9,484	4,636	4,683	9,319
35 to 39 .....	3,882	3,727	7,609	4,730	4,612	9,342	4,992	5,311	10,303
40 to 44 .....	4,627	4,678	9,305	4,072	3,902	7,974	4,956	4,820	9,776
45 to 49 .....	4,586	4,340	8,926	4,729	4,785	9,514	4,161	3,989	8,150
50 to 54 .....	4,505	4,525	9,030	4,598	4,407	9,005	4,744	4,857	9,601
55 to 59 .....	5,118	5,352	10,470	4,469	4,538	9,007	4,566	4,422	8,988
60 to 64 .....	5,797	6,044	11,841	5,027	5,326	10,353	4,400	4,520	8,920
65 to 69 .....	4,982	5,232	10,214	5,464	6,000	11,464	4,755	5,296	10,051
70 to 74 .....	3,827	4,609	8,436	4,648	5,269	9,917	5,124	6,053	11,177
75 to 79 .....	2,995	3,638	6,633	3,505	4,450	7,955	4,284	5,103	9,387
80 to 84 .....	1,785	2,457	4,242	2,499	3,296	5,795	2,958	4,062	7,020
85 and Older .....	1,360	2,419	3,779	1,756	3,041	4,797	2,417	4,003	6,420
Total Population	74,268	77,012	151,280	77,283	80,761	158,044	80,170	84,314	164,484

Age Group	Projected Population								
	2040			2045			2050		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	5,196	4,962	10,158	5,230	4,992	10,222	5,390	5,143	10,533
5 to 9 .....	5,643	5,386	11,029	5,747	5,488	11,235	5,804	5,541	11,345
10 to 14 .....	5,549	5,304	10,853	5,874	5,611	11,485	5,991	5,726	11,717
15 to 19 .....	5,080	4,803	9,883	5,506	5,207	10,713	5,830	5,511	11,341
20 to 24 .....	4,004	3,873	7,877	4,322	4,178	8,500	4,707	4,548	9,255
25 to 29 .....	3,846	3,842	7,688	4,059	4,054	8,113	4,384	4,381	8,765
30 to 34 .....	4,567	4,744	9,311	4,340	4,400	8,740	4,601	4,665	9,266
35 to 39 .....	5,041	5,092	10,133	4,985	5,176	10,161	4,752	4,816	9,568
40 to 44 .....	5,234	5,554	10,788	5,299	5,336	10,635	5,252	5,434	10,686
45 to 49 .....	5,068	4,930	9,998	5,363	5,689	11,052	5,439	5,474	10,913
50 to 54 .....	4,179	4,052	8,231	5,099	5,017	10,116	5,404	5,796	11,200
55 to 59 .....	4,718	4,879	9,597	4,164	4,076	8,240	5,090	5,053	10,143
60 to 64 .....	4,506	4,411	8,917	4,665	4,876	9,541	4,127	4,080	8,207
65 to 69 .....	4,177	4,505	8,682	4,292	4,410	8,702	4,457	4,888	9,345
70 to 74 .....	4,483	5,363	9,846	3,960	4,586	8,546	4,088	4,510	8,598
75 to 79 .....	4,762	5,896	10,658	4,205	5,263	9,468	3,747	4,532	8,279
80 to 84 .....	3,659	4,699	8,358	4,122	5,481	9,603	3,685	4,936	8,621
85 and Older .....	3,110	5,166	8,276	3,990	6,414	10,404	4,868	7,843	12,711
Total Population	82,822	87,461	170,283	85,222	90,254	175,476	87,616	92,877	180,493

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

Table B-8

**PROJECTED POPULATION IN WAUKESHA COUNTY BY AGE AND SEX: 2010-2050  
(INTERMEDIATE PROJECTION)**

Age Group	Actual Population			Projected Population					
	2010			2015			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	10,868	10,606	21,474	10,967	10,467	21,434	11,813	11,279	23,092
5 to 9 .....	13,426	12,797	26,223	12,045	11,756	23,801	12,215	11,661	23,876
10 to 14 .....	14,154	14,027	28,181	14,117	13,463	27,580	12,697	12,400	25,097
15 to 19 .....	13,950	12,559	26,509	14,339	13,844	28,183	14,314	13,295	27,609
20 to 24 .....	9,310	8,994	18,304	11,729	10,741	22,470	12,163	11,933	24,096
25 to 29 .....	10,034	9,749	19,783	8,971	9,024	17,995	11,322	10,781	22,103
30 to 34 .....	10,208	10,181	20,389	11,111	11,204	22,315	9,987	10,441	20,428
35 to 39 .....	11,442	11,784	23,226	11,230	11,370	22,600	12,287	12,581	24,868
40 to 44 .....	13,946	14,599	28,545	12,161	12,543	24,704	11,983	12,142	24,125
45 to 49 .....	16,524	17,610	34,134	14,280	15,007	29,287	12,484	12,915	25,399
50 to 54 .....	17,192	17,078	34,270	16,404	17,581	33,985	14,202	15,000	29,202
55 to 59 .....	14,475	14,754	29,229	16,616	16,672	33,288	15,895	17,192	33,087
60 to 64 .....	11,795	12,141	23,936	13,589	14,097	27,686	15,672	15,978	31,650
65 to 69 .....	7,959	8,526	16,485	10,639	11,489	22,128	12,336	13,387	25,723
70 to 74 .....	5,543	6,726	12,269	7,185	8,198	15,383	9,672	11,106	20,778
75 to 79 .....	4,633	5,830	10,463	4,797	6,433	11,230	6,287	7,918	14,205
80 to 84 .....	3,395	5,167	8,562	3,657	5,146	8,803	3,852	5,754	9,606
85 and Older .....	2,501	5,408	7,909	3,006	6,017	9,023	3,487	6,481	9,968
Total Population	191,355	198,536	389,891	196,843	205,052	401,895	202,668	212,244	414,912

Age Group	Projected Population								
	2025			2030			2035		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	12,761	12,182	24,943	13,641	13,021	26,662	14,019	13,379	27,398
5 to 9 .....	13,117	12,527	25,644	14,070	13,434	27,504	14,981	14,301	29,282
10 to 14 .....	12,856	12,279	25,135	13,756	13,144	26,900	14,724	14,067	28,791
15 to 19 .....	12,869	12,242	25,111	13,017	12,114	25,131	13,921	12,962	26,883
20 to 24 .....	12,076	11,403	23,479	10,724	10,383	21,107	10,772	10,209	20,981
25 to 29 .....	11,733	11,977	23,710	11,625	11,443	23,068	10,313	10,417	20,730
30 to 34 .....	12,567	12,423	24,990	12,935	13,673	26,608	12,767	12,994	25,761
35 to 39 .....	11,013	11,687	22,700	13,769	13,801	27,570	14,122	15,125	29,247
40 to 44 .....	13,089	13,412	26,501	11,682	12,405	24,087	14,574	14,614	29,188
45 to 49 .....	12,298	12,492	24,790	13,411	13,772	27,183	11,960	12,725	24,685
50 to 54 .....	12,430	12,917	25,347	12,252	12,496	24,748	13,370	13,782	27,152
55 to 59 .....	13,783	14,681	28,464	12,075	12,646	24,721	11,915	12,240	24,155
60 to 64 .....	15,015	16,492	31,507	13,022	14,083	27,105	11,419	12,138	23,557
65 to 69 .....	14,263	15,205	29,468	13,672	15,716	29,388	11,879	13,444	25,323
70 to 74 .....	11,276	12,980	24,256	13,098	14,774	27,872	12,617	15,310	27,927
75 to 79 .....	8,532	10,770	19,302	10,011	12,601	22,612	11,711	14,385	26,096
80 to 84 .....	5,114	7,139	12,253	7,011	9,762	16,773	8,314	11,497	19,811
85 and Older .....	3,914	7,207	11,121	4,891	8,546	13,437	6,555	11,040	17,595
Total Population	208,706	220,015	428,721	214,662	227,814	442,476	219,933	234,629	454,562

Age Group	Projected Population								
	2040			2045			2050		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 5 .....	13,884	13,248	27,132	13,817	13,183	27,000	14,305	13,649	27,954
5 to 9 .....	15,414	14,714	30,128	15,327	14,626	29,953	15,309	14,608	29,917
10 to 14 .....	15,688	14,984	30,672	16,174	15,448	31,622	16,114	15,384	31,498
15 to 19 .....	14,904	13,873	28,777	15,891	14,786	30,677	16,394	15,250	31,644
20 to 24 .....	11,546	10,945	22,491	12,447	11,787	24,234	13,359	12,637	25,996
25 to 29 .....	10,365	10,245	20,610	11,126	10,987	22,113	12,010	11,835	23,845
30 to 34 .....	11,342	11,849	23,191	11,448	11,716	23,164	12,338	12,627	24,965
35 to 39 .....	13,959	14,394	28,353	12,453	13,182	25,635	12,617	13,087	25,704
40 to 44 .....	14,968	16,028	30,996	14,840	15,293	30,133	13,277	14,039	27,316
45 to 49 .....	14,935	14,998	29,933	15,364	16,470	31,834	15,257	15,734	30,991
50 to 54 .....	11,938	12,743	24,681	14,926	15,032	29,958	15,375	16,521	31,896
55 to 59 .....	13,022	13,513	26,535	11,650	12,510	24,160	14,592	14,775	29,367
60 to 64 .....	11,289	11,768	23,057	12,373	13,021	25,394	11,100	12,079	23,179
65 to 69 .....	10,458	11,615	22,073	10,392	11,291	21,683	11,441	12,524	23,965
70 to 74 .....	11,021	13,146	24,167	9,757	11,405	21,162	9,744	11,129	20,873
75 to 79 .....	11,374	14,997	26,371	10,022	12,975	22,997	8,944	11,336	20,280
80 to 84 .....	9,851	13,245	23,096	9,696	13,952	23,648	8,653	12,190	20,843
85 and Older .....	8,344	13,789	22,133	10,416	16,800	27,216	11,736	19,400	31,136
Total Population	224,302	240,094	464,396	228,119	244,464	472,583	232,565	248,804	481,369

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

## Appendix C

### PROJECTED COMPONENTS OF POPULATION CHANGE IN THE REGION: 2010-2050 (INTERMEDIATE PROJECTION)

Time Period	Births	Deaths	Natural Increase	Net Migration	Total Population Change
2010-2015	134,375	84,251	50,124	-9,299	40,825
2015-2020	138,410	85,979	52,431	-4,221	48,210
2020-2025	140,775	90,010	50,765	-33	50,732
2025-2030	142,405	96,823	45,582	2,509	48,091
2030-2035	142,720	105,828	36,892	5,040	41,932
2035-2040	142,225	113,798	28,427	7,579	36,006
2040-2045	142,575	119,773	22,802	10,127	32,929
2045-2050	144,970	122,295	22,675	12,670	35,345
2010-2050	1,128,455	818,757	309,698	24,372	334,070

Source: SEWRPC.