



Attachment 5

Year 2050

Population and Economic Forecasts



Environmental Justice Task Force

April 16, 2013



Introduction

- Population and economic projections serve as a basis for updating the regional land use and transportation plans to 2050
 - Future size and characteristics of the Region's population
 - Future number and types of jobs
- The Commission has developed projections five times since 1960, typically with the release of decennial Census data
 - A range (high, intermediate, and low) of population, household, and employment levels are projected
- Most recent projections prepared in 2000 for the 35 year period to 2035 and used as a basis for the year 2035 land use and transportation plans



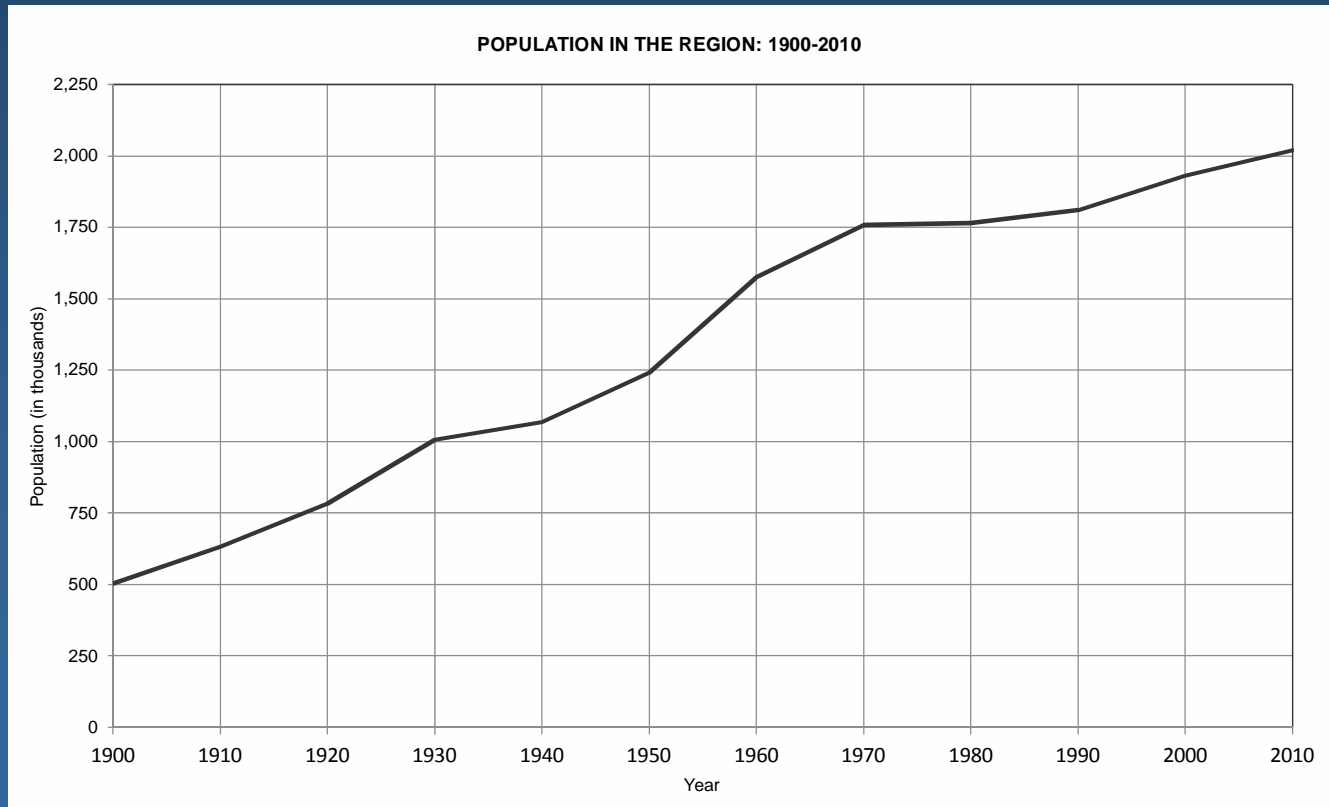
Introduction

- Population and household projections: 2050
 - SEWRPC Technical Report No. 11 (5th edition) *The Population of Southeastern Wisconsin*
- Employment projections: 2050
 - SEWRPC Technical Report No. 10 (5th edition) *The Economy of Southeastern Wisconsin*
- Both reports were recently approved by the Commission's Advisory Committee on Regional Population and Employment Forecasts



Population Trends

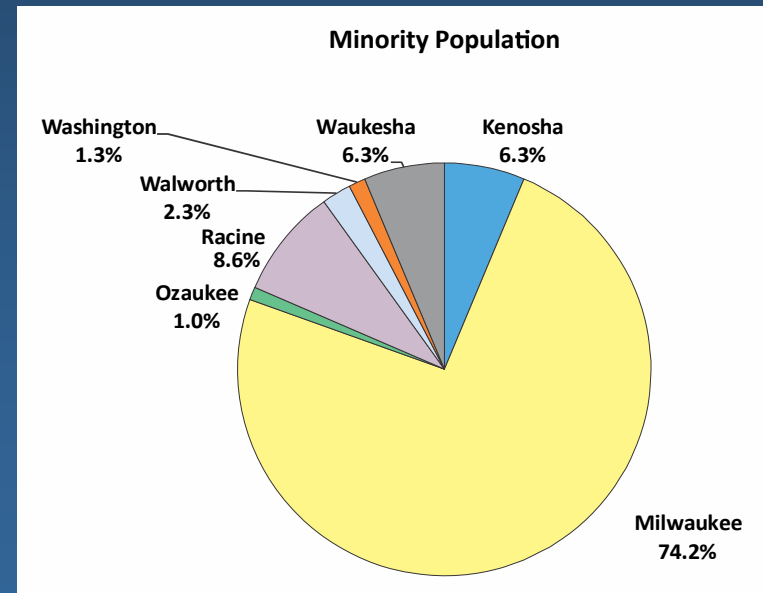
- The Region's population was 2,020,000 in 2010, a 4.6 percent increase since 2000
- This increase was greater than the 1970s and 1980s, but less than the 1990s





Population Trends

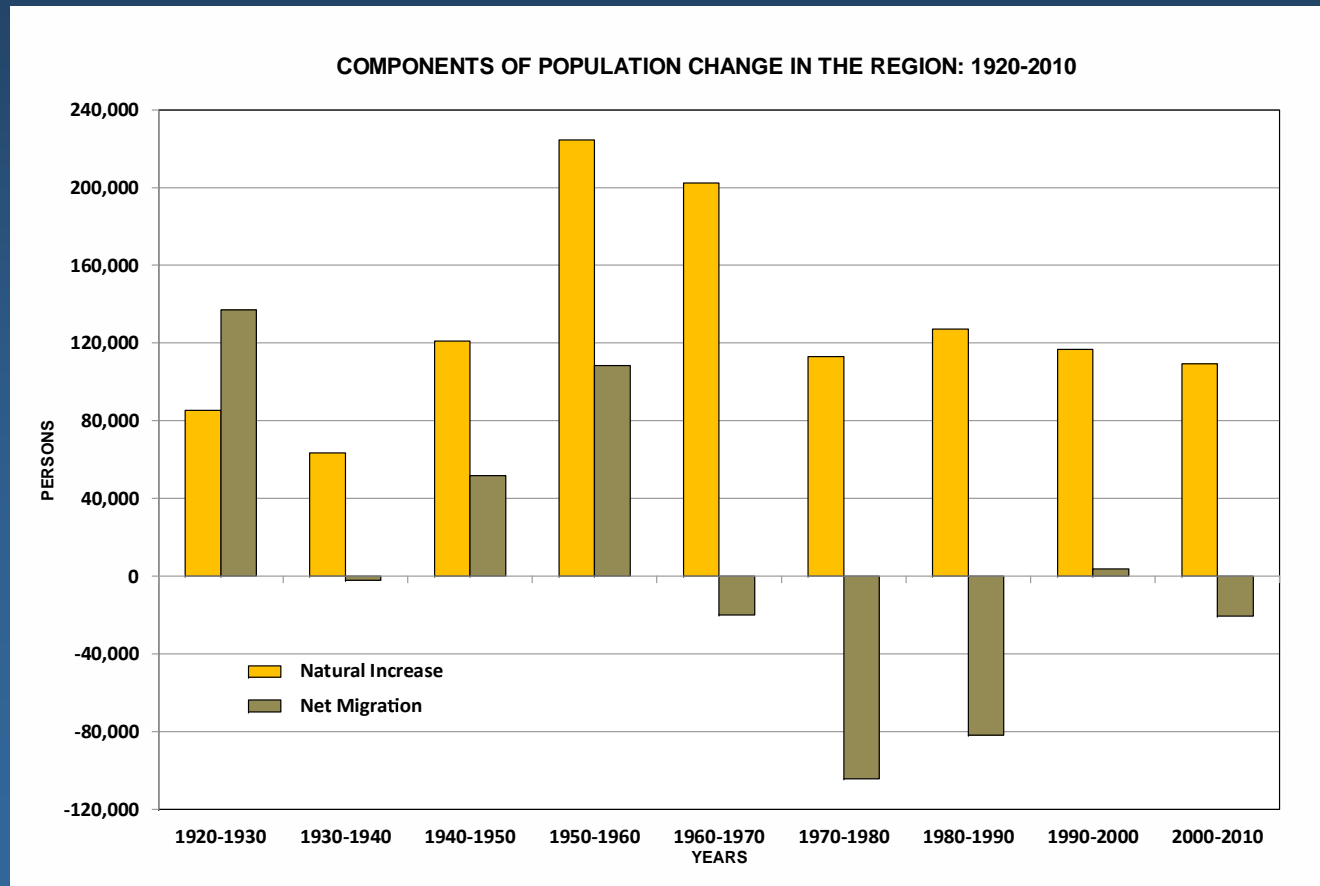
- There was an increase in people age 50 to 64 and a decrease in people age 35 to 44 between 2000 and 2010, largely reflecting the aging of “baby-boomers”
- The median age of the Region’s population has increased steadily between 1970 and 2010 from about 27 to 37 years of age
- The Region’s minority population increased by 29 percent between 2000 and 2010 to 582,900 persons
- Most of the minority population lives in Milwaukee County





Population Trends

- Population change in the Region is a function of natural increase (births minus deaths) and net migration (balance of migration into and out of the Region)





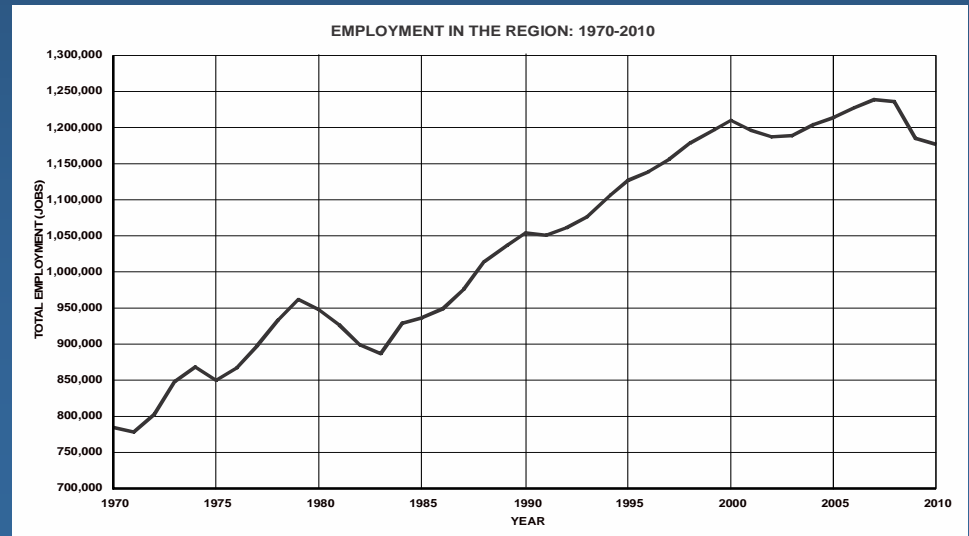
Household Trends

- Households, or occupied housing units, are important in land use and public facility planning
- There were about 800,100 households in the Region in 2010, a 6.8 percent increase since 2000
 - Household growth rate exceeding population growth rate
- Average household size is decreasing in the Region
 - 3.36 persons in 1950
 - 2.47 persons in 2010
 - Increase in Non-family and one person households



Economic Trends

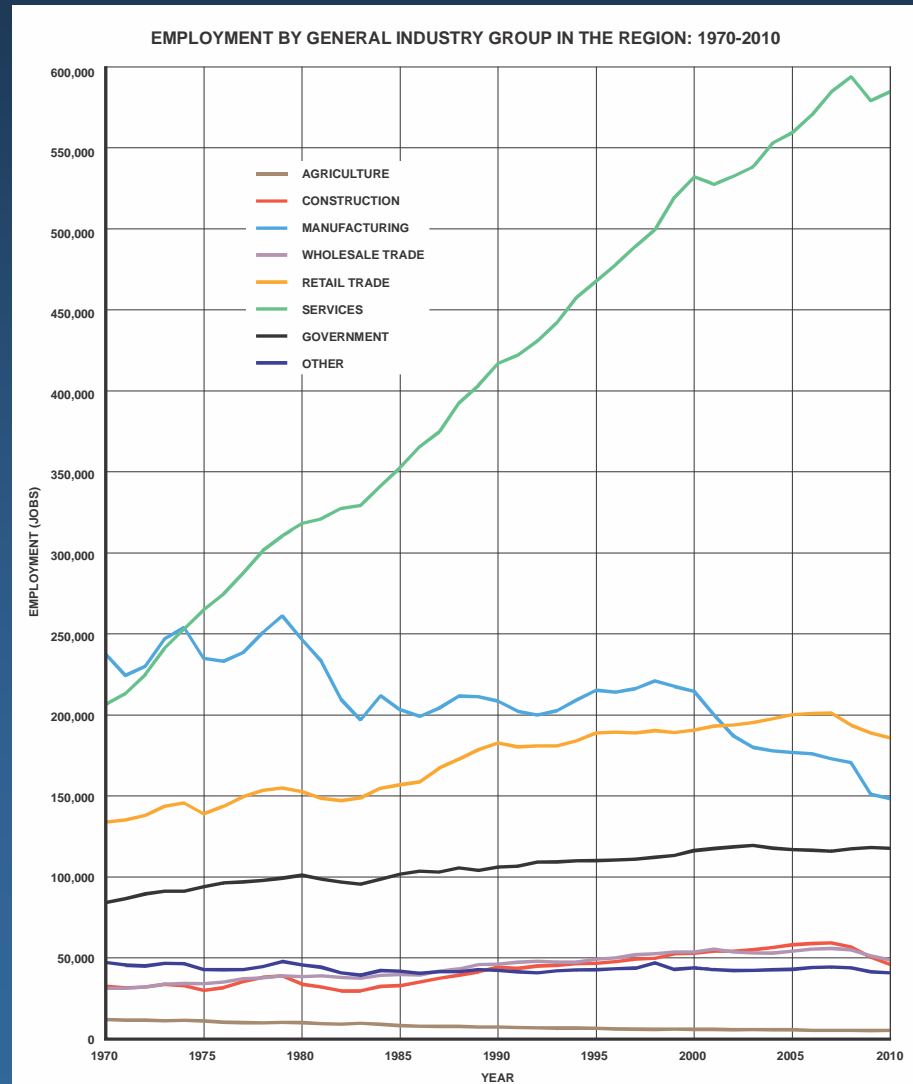
- An understanding of the Region's economic base is also important in land use and public facility planning
 - Number and type of jobs ("place of work" data)
 - Labor force ("place of residence" data)
 - Income levels
- There were 1,176,600 jobs in the Region in 2010, a 2.7 percent decrease from 2000
- Prior to the 2000s there was job growth each decade since 1950





Economic Trends

- Service industry jobs have increased significantly in the Region since 1970 and manufacturing jobs have decreased
- Similar shifts have happened Statewide and Nationwide





Year 2050 Projections

- As in past studies, the Commission prepared high, intermediate, and low projections, which recognize uncertainty in predicting future socio-economic conditions
- The intermediate projection is considered the most likely and constitutes the “forecast” to be used as a basis for preparing regional land use and transportation plans
- The high and low projections provide a range of population, household, and employment levels that may occur under significantly higher or lower, but plausible, growth scenarios for the Region



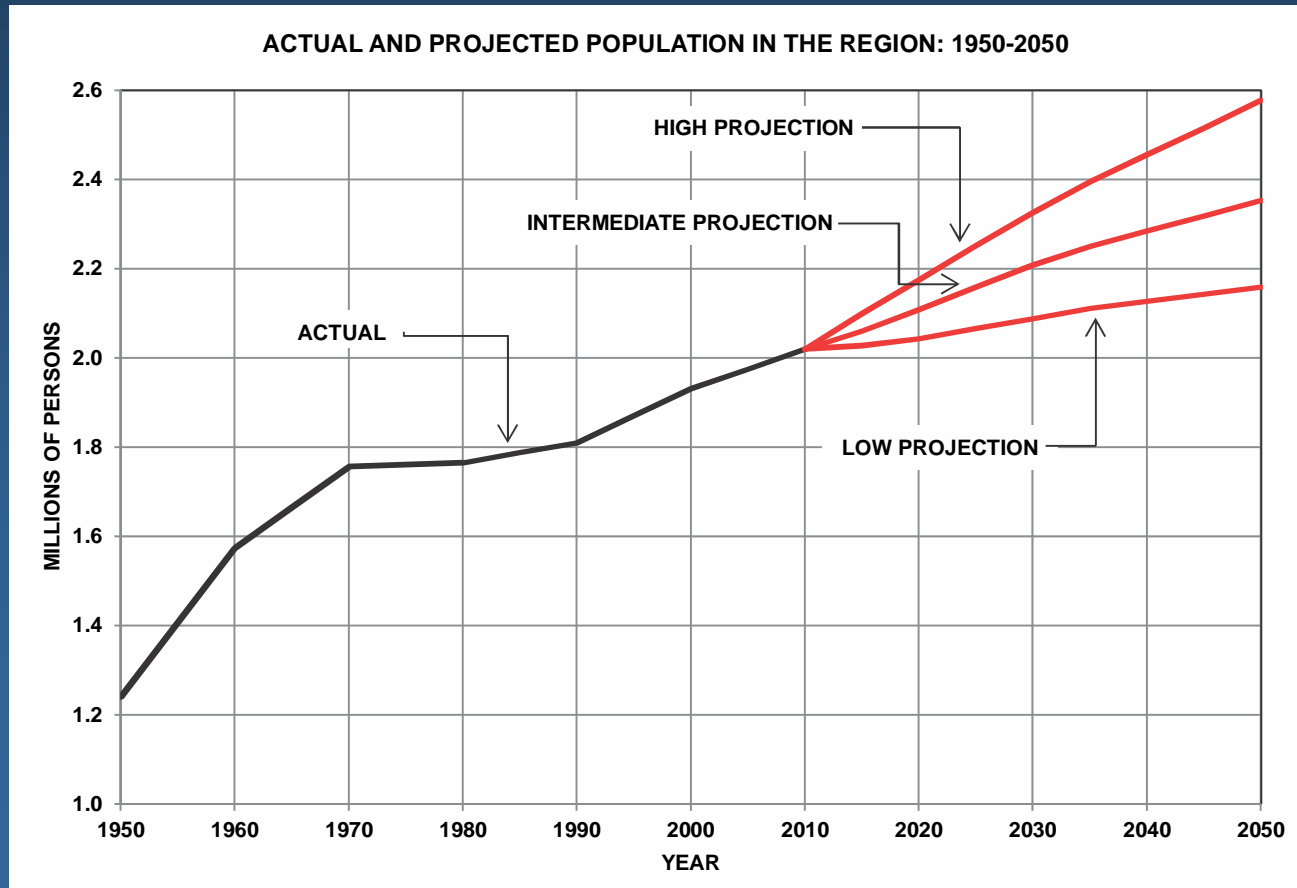
Year 2050 Population Projections

- Cohort-component method used in projecting population:
 - Establish base population disaggregated into age-sex cohorts
 - Establish an estimating cycle (five years) for age- and sex-specific fertility, survival, and migration rates
 - Gradual increase in fertility rate
 - Increased life expectancy
 - Modest improvement in net migration due to long term economic growth and retirement of baby-boomers
 - Apply rates to base population for each cycle over the projection period



Year 2050 Population Projections

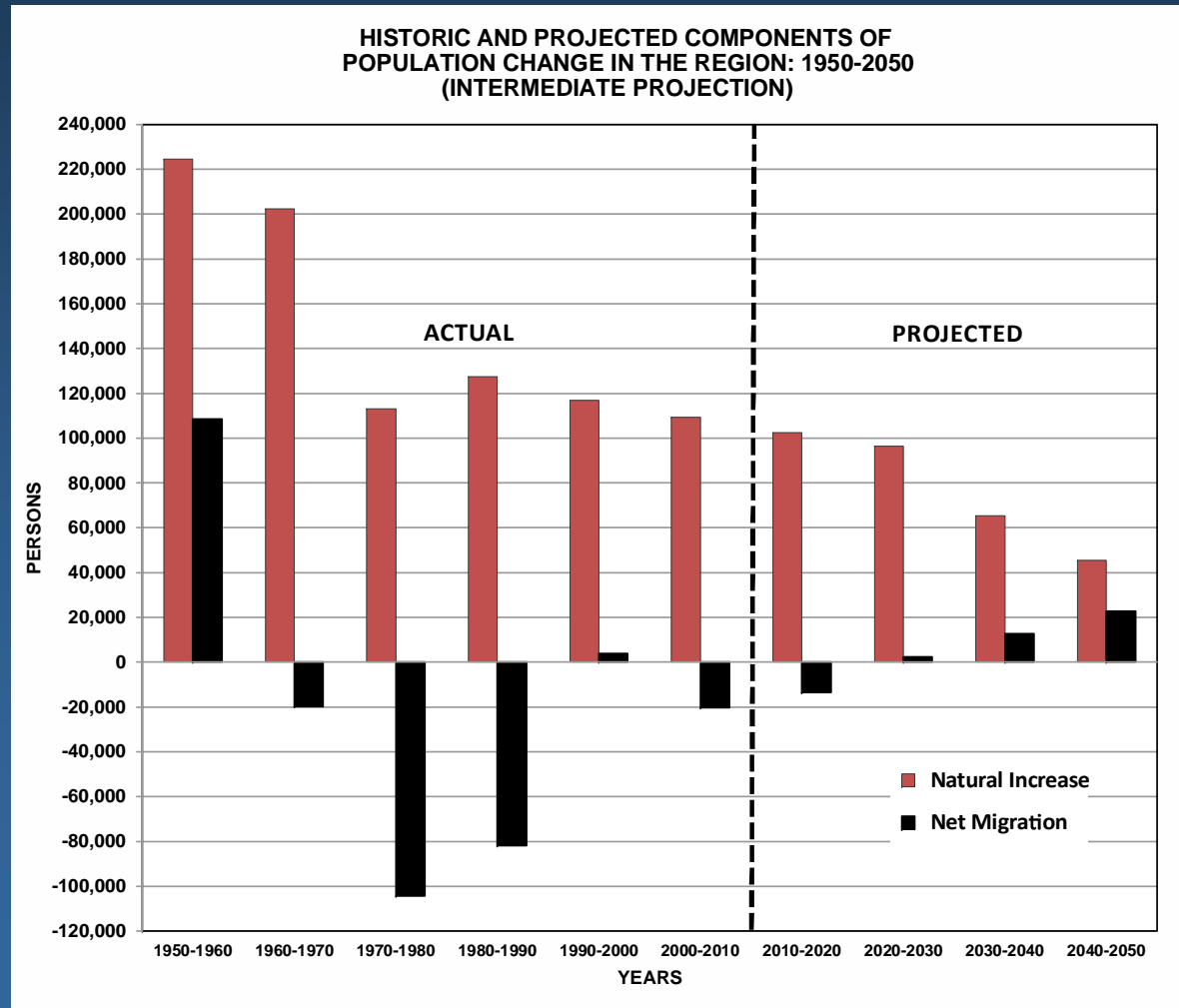
- The Region's population would increase from 2,020,000 in 2010 to 2,354,000 in 2050 under the intermediate growth scenario





Year 2050 Population Projections

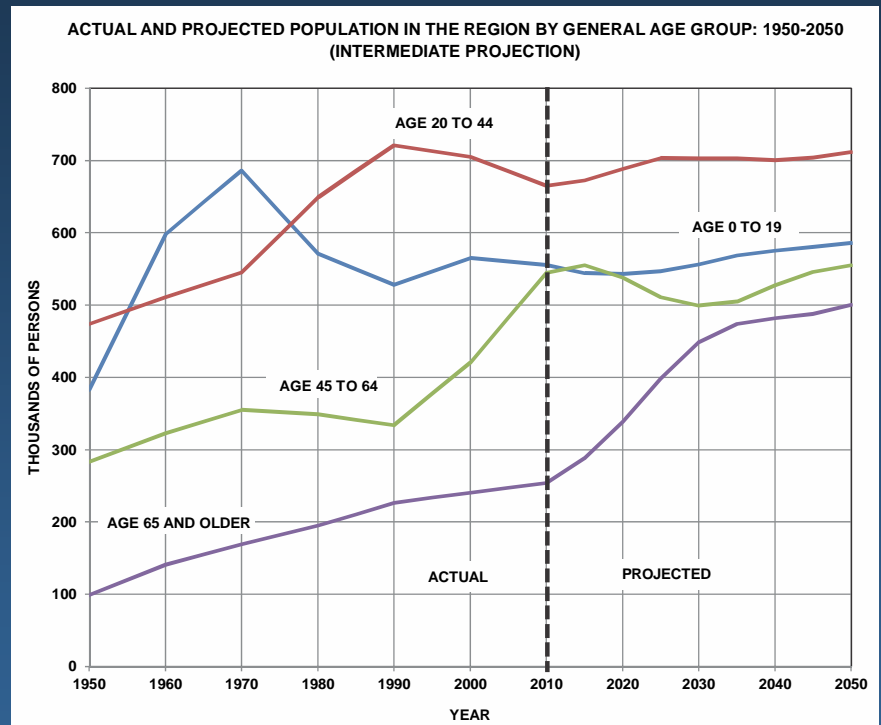
- Most of the growth will occur due to natural increase





Year 2050 Population Projections

- Persons 65 or older are expected to account for about 21 percent of the Region's population, compared to 13 percent in 2010

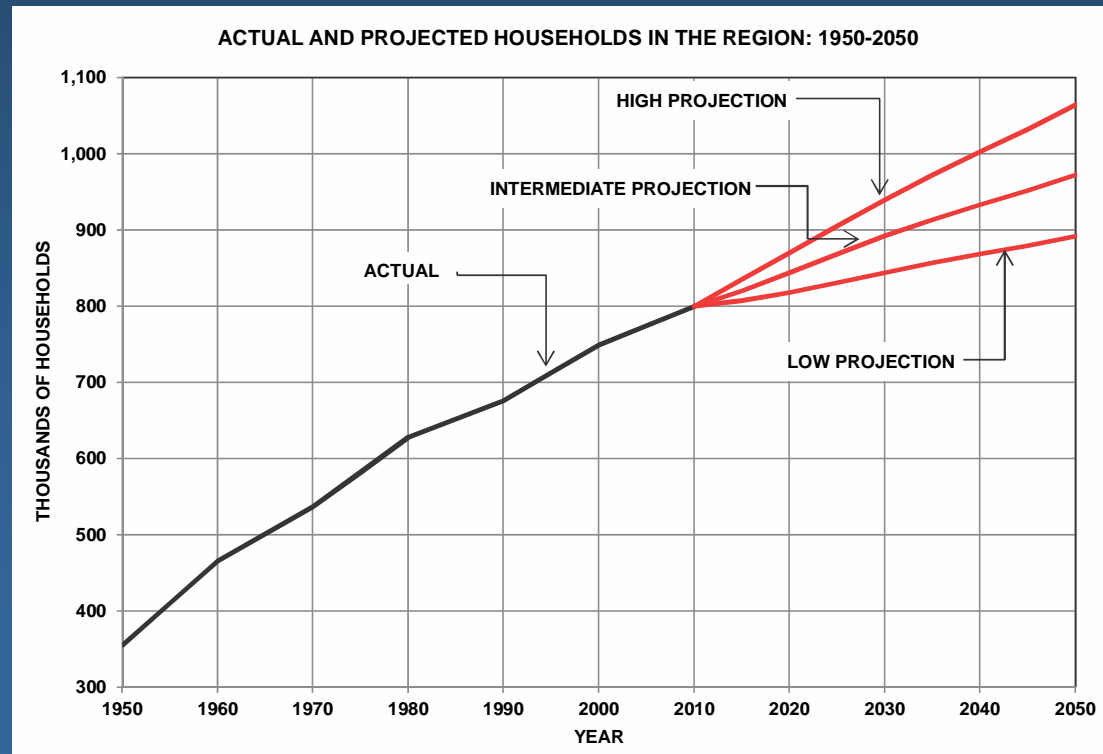


- The minority share of the Region's population is projected to increase from 29 percent in 2010 to nearly 45 percent in 2050
- A similar increase in the minority share of total population is expected for the Nation as a whole



Year 2050 Household Projections

- The Region's households would increase from 800,100 in 2010 to 972,400 in 2050 under the intermediate growth scenario
- Average household size is projected to decrease from 2.47 persons in 2010 to 2.36 persons in 2050





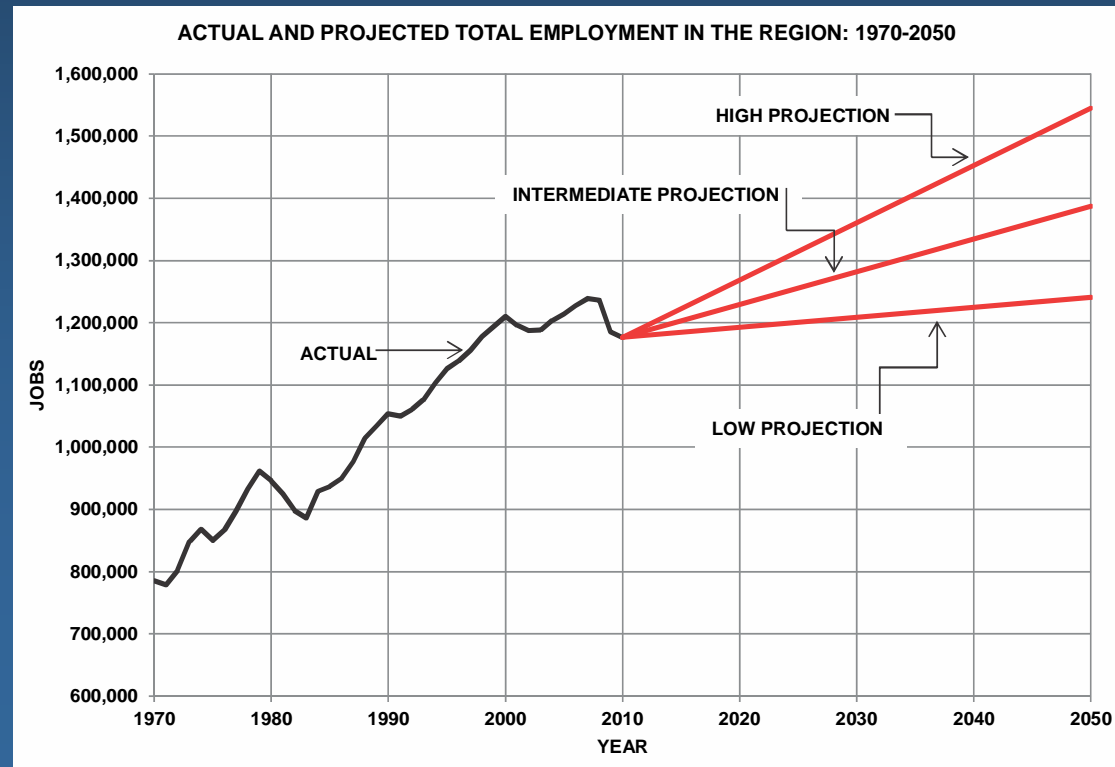
Year 2050 Employment Projections

- Total employment is disaggregated into major industry groups and projections were developed for each group considering:
 - Historic trends
 - Projections from other agencies
 - Various economic outlooks
- Projected employment is linked to the estimated size of the future labor force based on population projections
- Commission employment projections show long-term employment trends, irrespective of shorter term business cycle-related employment fluctuations



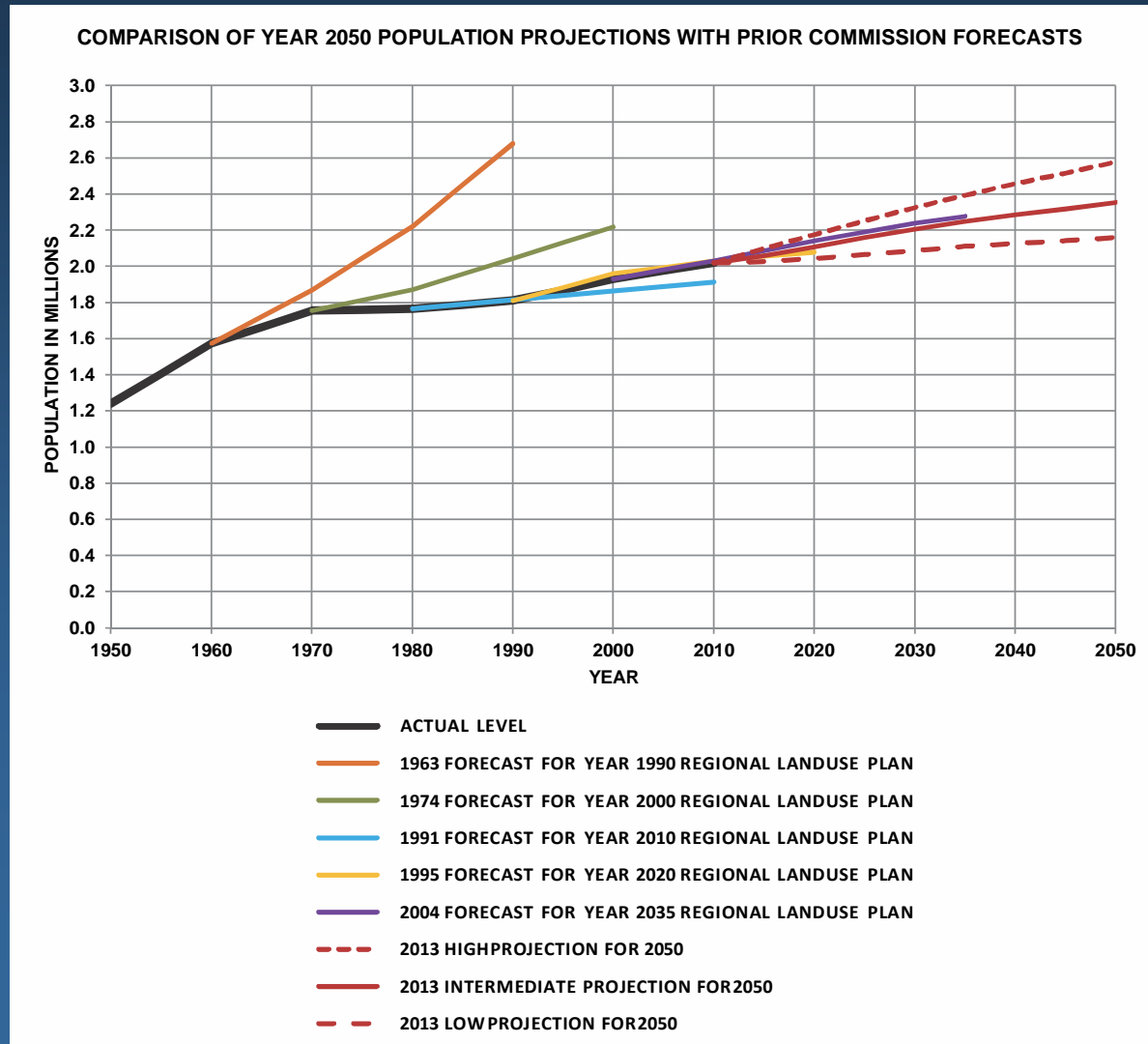
Year 2050 Employment Projections

- The Region's employment would increase from 1,176,600 jobs in 2010 to 1,386,900 jobs in 2050 under the intermediate growth scenario
- Continuing shift from manufacturing to service oriented jobs in the Region



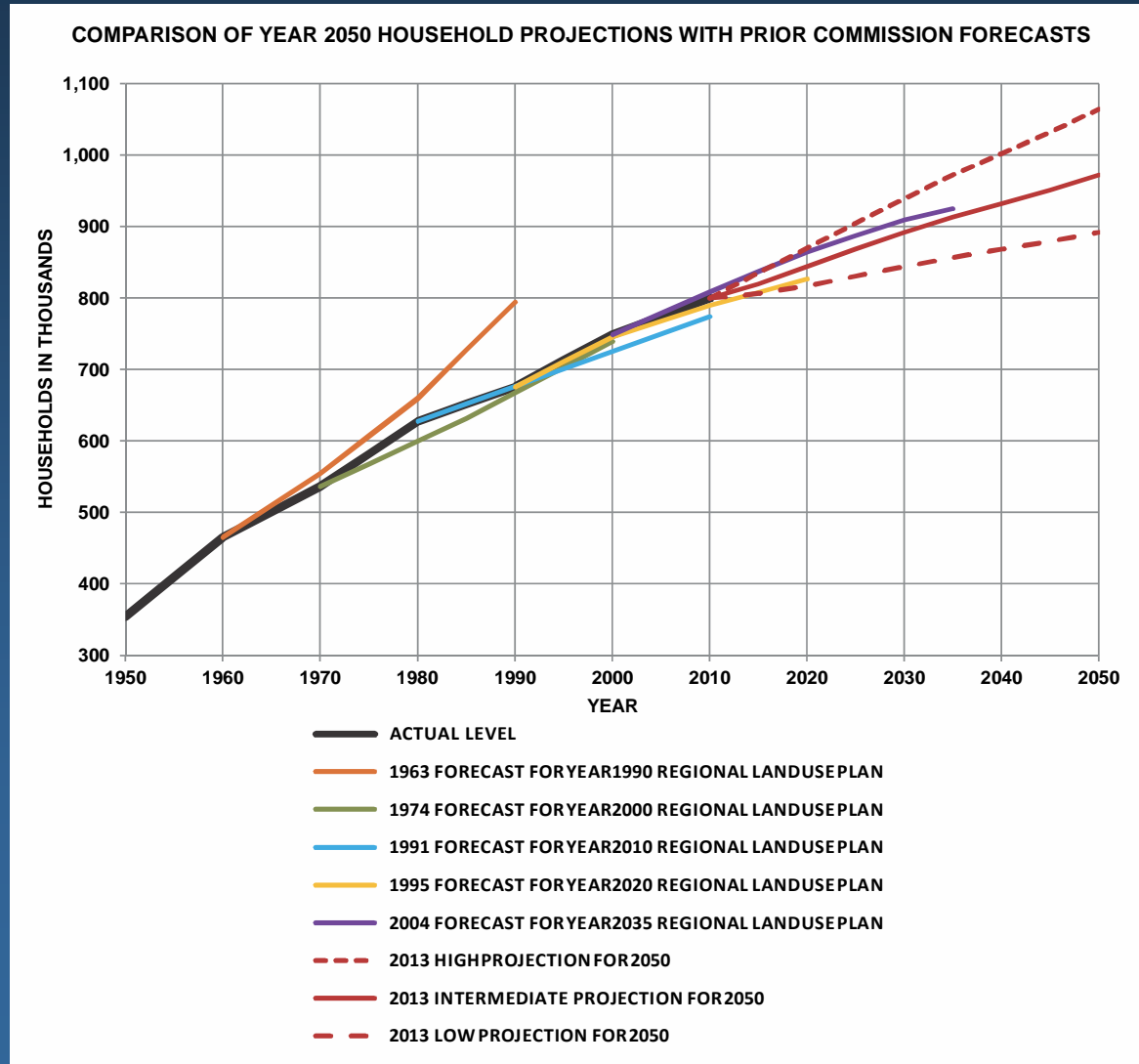


Comparison of Year 2050 Projections to Previous Commission Projections





Comparison of Year 2050 Projections to Previous Commission Projections





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