Population Trends, 1950-2000 Growth, Decline, Regrowth & Regression Estimated trend by 2000 census tract for each of two principal components of trend variation. Not urban in 1950 Population Trends in Major U.S. Urban Cores, 1950-2000 Urban but no data in 1950 The Data Behind the Maps oughout 34 of the largest U.S. a common data reduction technique. The first Major highways urban areas, focusing on the urban cores—the parts that were already densely populated by 1950. The trends are estimated from historical principal component captures the strongest form of trend variation among tracts. Positively related County boundaries census tract data available through the U.S. National Historical Geo-graphic Information System (NHGIS). Areas that were not covered by to changes in all decades, it indicates the degree of general growth or decline throughout the period. The second component captures the strongest of variation independent of the first. Related 1950 tract data are omitted, including 6 of the 40 largest urban areas. To estimate trends in places where historical tract boundaries do not match 2000 tract boundaries, a procedure called positively to changes in later decades and negatively to changes in early decades, it indicates the degree of growth **General Trend** cascading density weighting was used. This allocates 1990 tract populations among 2000 tracts in proportion to the or decline in recent decades relative to trends in earlier decades. These two components account for 55% of the variance 2000 population densities of the tracts. 1980 population are then allocated in proportion to the estimated 1990 in decadal change rates among tracts, providing as thorough a summary of trend variations as can be achieved through only two rom 1950 to 2000, American cities evolved from compact monocentric hubs Colors in the maps correspond to different combinations of component scores. For example, green tracts have low firstnarize five decades of changes in one map into the sprawling car-oriented conglomerations ponent scores and high second-con prevalent today. For decades, central cities continscores, indicating general decline with ued losing residents, jobs and wealth to surrounding suburbs, leaving central cities with dwindling revenues even as the costs of servicing their disadvantaged populations and decaying infrastructure rose. But urban areas are not all alike, nor are the neighborhoods within them, and recent population trends in urban cores have only become more diverse. While some central neighborhoods continued to decline, others rebounded. Farther out, growth in most inner-ring suburbs cooled off, but in some regions, **continued growth** was common. New regional and local patterns of change have come to be as prominent as the historically universal pattern of outward dispersal. **Patterns of Difference** Many patterns in recent trends are regionally distinct. Most prominently, the dominance of blue and purple hues throughout the central U.S. indicates a consistent lack of recent growth in Midwestern cores, with the exception of Chicago, Milwaukee and Minneapolis-St. Paul, where green and gold regrowth was relatively common. Regrowth was also prevalent in the Northeast in New York and Boston, in the West in San Francisco-Oakland and Seattle, and in Dallas-Fort Worth in the South. The strongest regional distinction occurred in Southern California, where large swaths of both Los Angeles and San Diego experienced orange and pink continued growth. In the early post-war decades, inner-city populations Many other patterns in recent trends are unique to specific urban areas, often related to patterns of racial and socioquoise, green and gold tracts in most city centers. In contrast, trends of recent decades show few coneconomic segregation. In many cores, the areas of strondecline in most inner-ring suburbs. Beyond these two commonalities, the most remarkable patterns gest continued decline are in traditionally Black neighbor-Meanwhile, inner-ring suburbs generally grew, as green, indicating that downtown revitalization and hoods, as in Chicago, Philadelphia, Atlanta, and Dallas. In tracts on the outskirts of cores. (Where cores do not residential development became common in the in recent trends vary from region to region or by contrast, wealthier neighborhoods are often relatively show this pattern, it is likely due to missing 1950 data, represented by light brown.) 1980s and 90s. Also, the outer edges of most cores stable, as in New York's Upper East Side or Chicago's North Shore, but increasing wealth and gentrification can also be accompanied by population declines as households diminish in size, as in nortwestern Brooklyn, New York, or around the lakes of southwest Minneapolis. **Trend Composition Charts** prevalence of different types of population one chart for each of the 40 most populous U.S. urban areas as of 2000. Charts that are entirely brown represent urban areas for which no 1950 tract data are available. portion of tracts that were urban not covered by tract data in 1950