What’s driving all this change?
Socio-demographics

Mark Bradley, RSG
The Next 100 Million

Trends, Uncertainties

• US population growing at higher rate than rest of world’s developed nations

• For transportation planning, national totals are not that interesting…

• Which sectors will be growing? (age, employment, income, etc.)

• Who will be living where?
Sources of population growth

Trends, Uncertainties

• Projected growth….
  – one third “natural”,
  – two thirds from net international migration

• But, immigration rates depend on a lot of things….
  – National economies
  – Climate change
  – Geopolitics
What will the immigrant population look like?

FIGURE 5

Asians Projected to Become the Largest Immigrant Group, Surpassing Hispanics

% of immigrant population


Actual

5 14 25

14 25 36

80 59 38

19 44 48

23 32 37

26 34 34

23 36 31

21 38 29

18 47 43

20 38 29

Projected

Note: Whites, blacks and Asians include only single-race non-Hispanics. Asians include Pacific Islanders. Hispanics are of any race. Other races shown but not labeled.

Source: Pew Research Center estimates for 1965-2015 based on adjusted census data; Pew Research Center projections for 2025-2065

PEW RESEARCH CENTER

Age and Sex Structure of the Population by Nativity: 2014 and 2060

Source: U.S. Census Bureau, 2014 National Projections.
New immigrants are less likely to own a vehicle and more likely to use transit. “Acculturation” appears to occur within a decade or two:
“Browning” of America

**Trends, Uncertainties**

- White, non-Hispanic share of US population declining
- Majority of America’s children are of color

- Varies a great deal by region

- Influenced by immigration / emigration (highly uncertain), also birth and death rates of existing residents (less uncertain)

The changing face of America, 1965–2065

% of the total population

Note: Whites, blacks and Asians include only single-race non-Hispanics; Asians include Pacific Islanders. Hispanics can be of any race.


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"Graying" of America

Trends, Uncertainties

- Significant increase in population age 65+ due to Baby Boomers
- Levels off, until Millennials hit 65?
Attitude toward car and bike sharing are very different by age group

Source: RSG survey data
Generation C

Trends, Uncertainties

- Gen C = hyperlinked
- Spend entire lives connected with digital devices
- What will be the influences on travel behavior?
Changing American Workforce

Trends, Uncertainties

• Labor-force participation rate declining, but average retirement age increasing
• Workforce is growing older and more diverse
• Future trends will depend on the supply of jobs and who will have the needed skills
• Could vary a great deal by region

Civilian Labor Force by Age (Millions)

Trends Toward Larger Metro Areas

- Metro regions with population > 5 million have grown most
- Top 22 areas (2.5 million +) account for 44% of total population

Source: US Census Bureau, taken from Commuting in America IV Brief 4
Highest growth rates in Southeast and Southwest

<table>
<thead>
<tr>
<th>Region</th>
<th># Metro Areas</th>
<th>1990</th>
<th>2010</th>
<th>Increase</th>
<th>%</th>
<th>Transit Work Share</th>
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<tr>
<td>Northeast + Mid-Atlantic</td>
<td>6</td>
<td>41.5</td>
<td>50.7</td>
<td>9.2</td>
<td>22%</td>
<td>12%</td>
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<td>Southeast</td>
<td>9</td>
<td>14.7</td>
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<td>2%</td>
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<td>Midwest</td>
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<td>30.2</td>
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<tr>
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<td>3%</td>
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<tr>
<td>Northwest + West</td>
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<td>7%</td>
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<tr>
<td>All</td>
<td>40</td>
<td>132.2</td>
<td>179.3</td>
<td>47.1</td>
<td>36%</td>
<td></td>
</tr>
</tbody>
</table>

Source: US Census Bureau, taken from Commuting in America IV Brief 4, and 2009 ACS
(Sub)urbanization of America

- Metro areas contain 85% of all population (~50% in 1950)
- Suburban areas contain about 71% of all Metro population (~25% in 1950)

Source: US Census Bureau, taken from Commuting in America IV Brief 4
Blurring City and Suburb

- Both cities and suburbs home to employers and residences
- Inner-ring suburbs having density changes similar to center city
- What will be the demand and supply for different types of neighborhoods?

Map by Zara Matheson, Martin Prosperity Institute
Data Source:
The Distribution of Income

- Around 1980, income growth stopped in the lowest two income quintiles
- Around 2000, income growth stopped in the middle quintile also
- What will these curves look like as we leave the Great Recession behind?
- What will happen in specific regions?

Source: U.S. Census Bureau
Distribution of income by geography…. Increasing segregation, fewer middle-class neighborhoods
Increasing segregation by income - Portland

Neighborhood Income Composition
Portland-Vancouver-Beaverton, OR-WA, 1970

Percentage of Families Living in High-, Middle-, and Low-Income Neighborhoods
Increasing segregation by income - Portland (2)
Not only segregation – also gentrification

City of San Francisco

1970

2007

2050?

More recessions?

More segregation?

More gentrification?

Sea level rise?

None of the above?