



# Smart Growth and Sustainability: Forces for Change

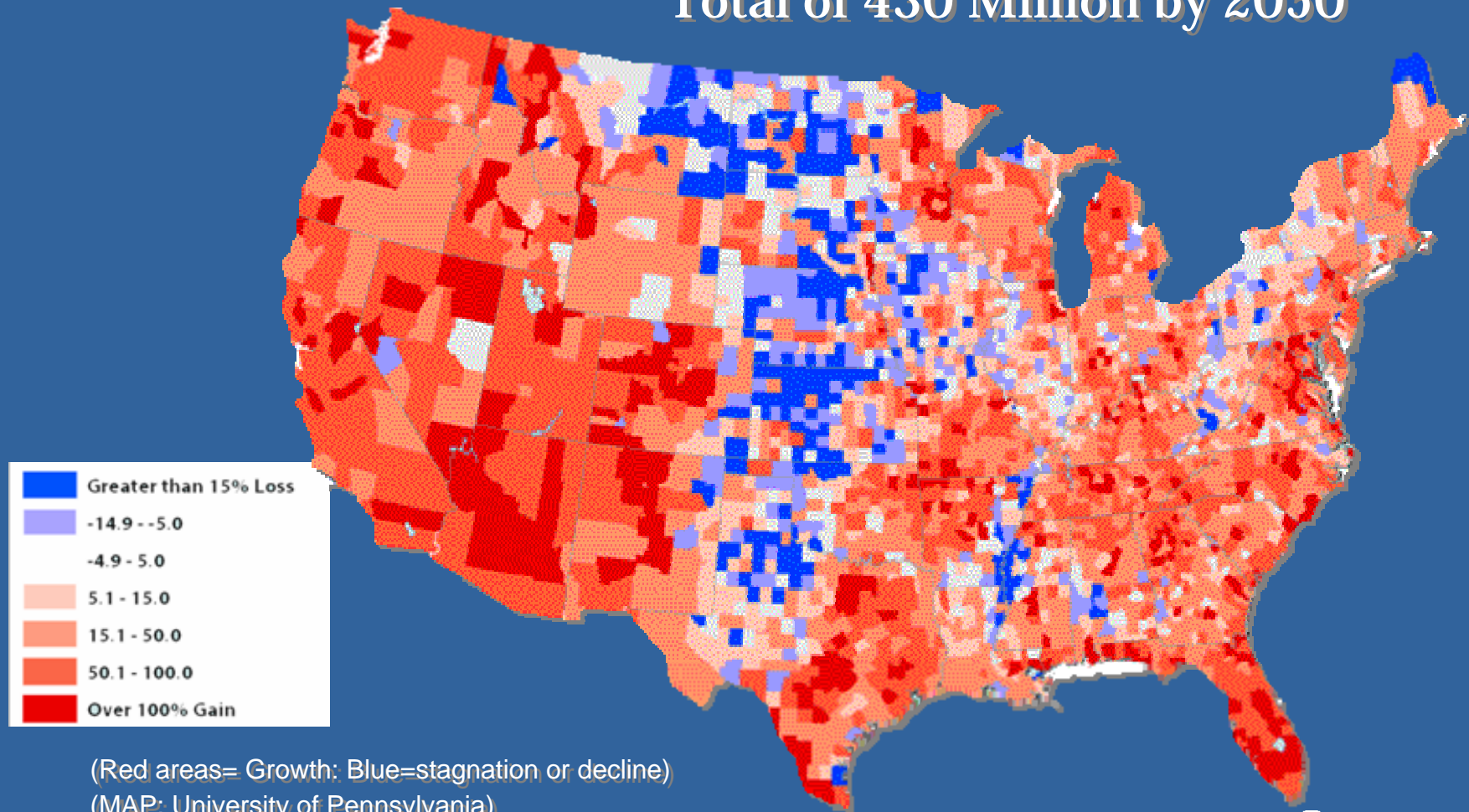
Gov. Parris N. Glendening

Lane County Moving Forward Together  
Eugene, OR  
June 11, 2008

# Projected Population Growth: 2005-2050

49% growth or +149 Million in 45 years

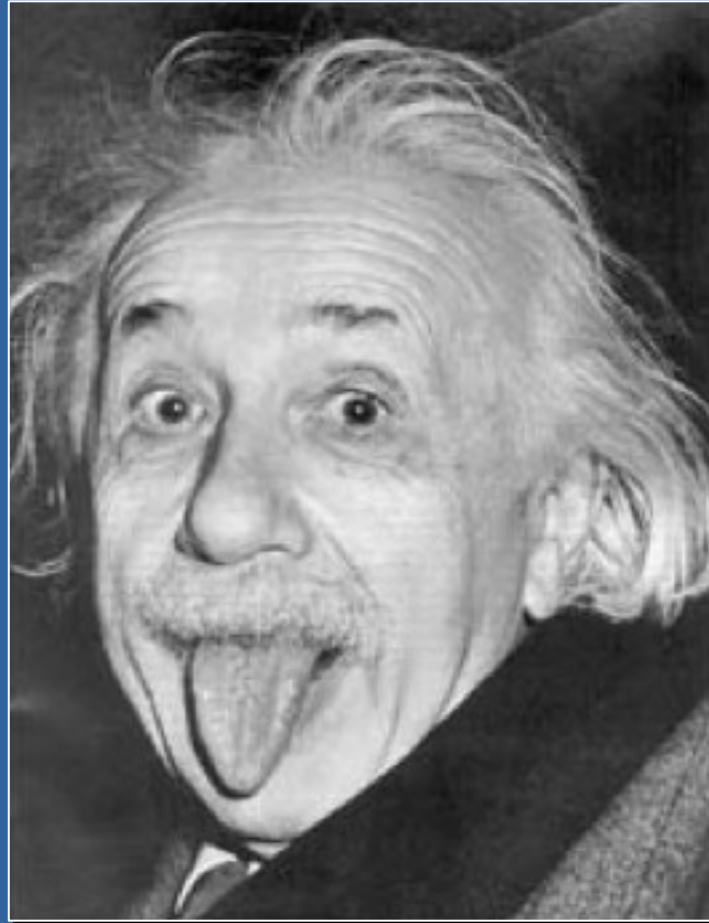
Total of 430 Million by 2050



(Red areas= Growth; Blue=stagnation or decline)

(MAP: University of Pennsylvania)

# Einstein on Insanity

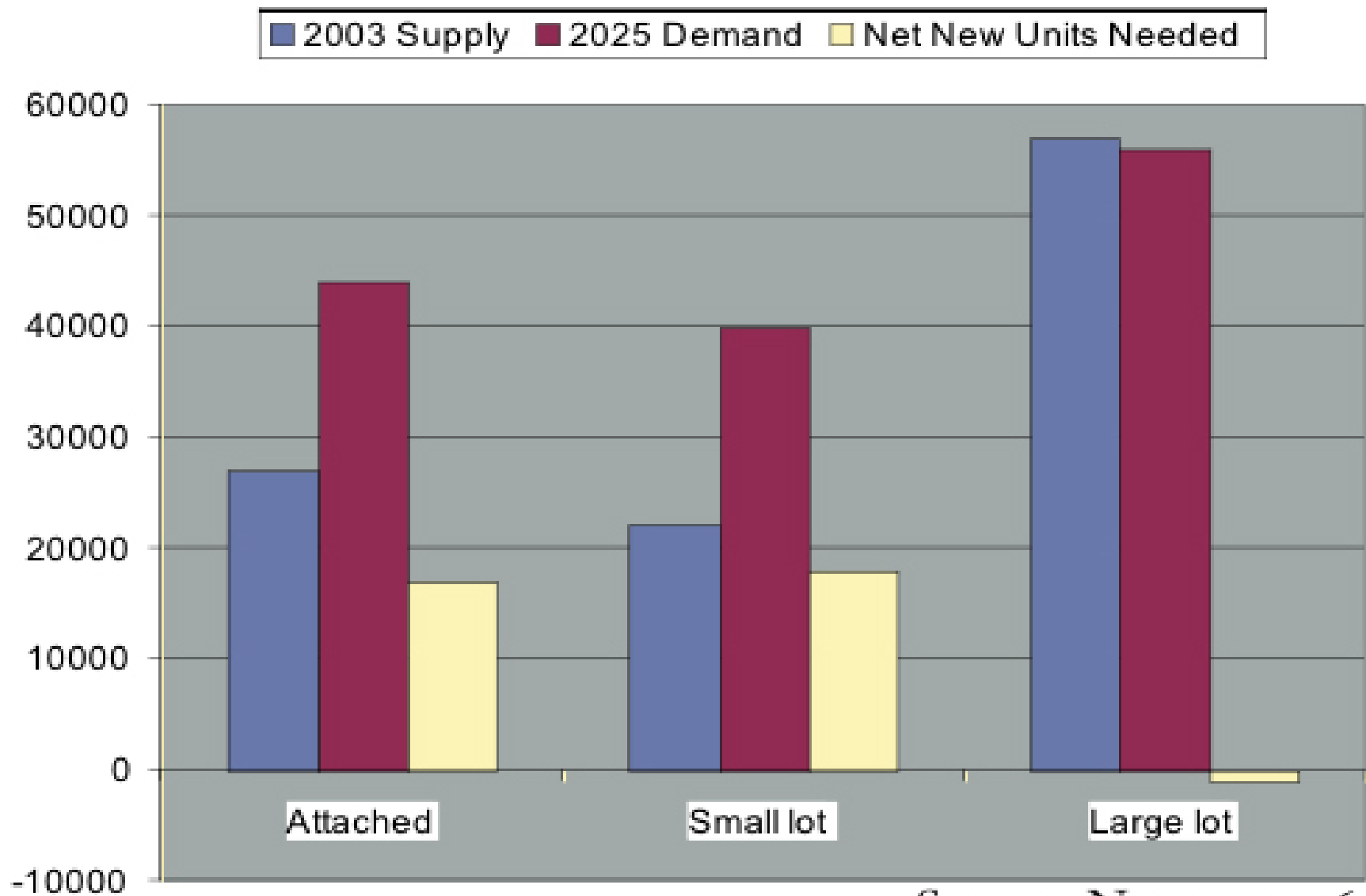


## Decline in Households with Kids

Household	1960	2000	2025
With Children	48%	33%	28%
Without Children	52%	67%	72%
<i>Single Person</i>	<i>13%</i>	<i>26%</i>	<i>28%</i>

Census for 1960 and 2000, 2025 adapted from Martha Farnsworth Riche, *How Changes in the Nation's Age and Household Structure Will Reshape Housing Demand in the 21st Century*, HUD, 2003.

# 2003 housing supply vs. 2025 demand



SOURCE: NELSON 2006.

# Imported Oil

**We produce 8.9 million barrels of oil per day,  
about 40 percent of what we consume.**

**22% of our imports come from unstable areas in the  
Persian Gulf**

**Demand is still rising**

**Imports could rise to as much as 75% of our daily needs  
by 2030 based on current rates**

**China and India are using more each day.**



# Power of Place: Decatur, Georgia



# Google picked Ann Arbor





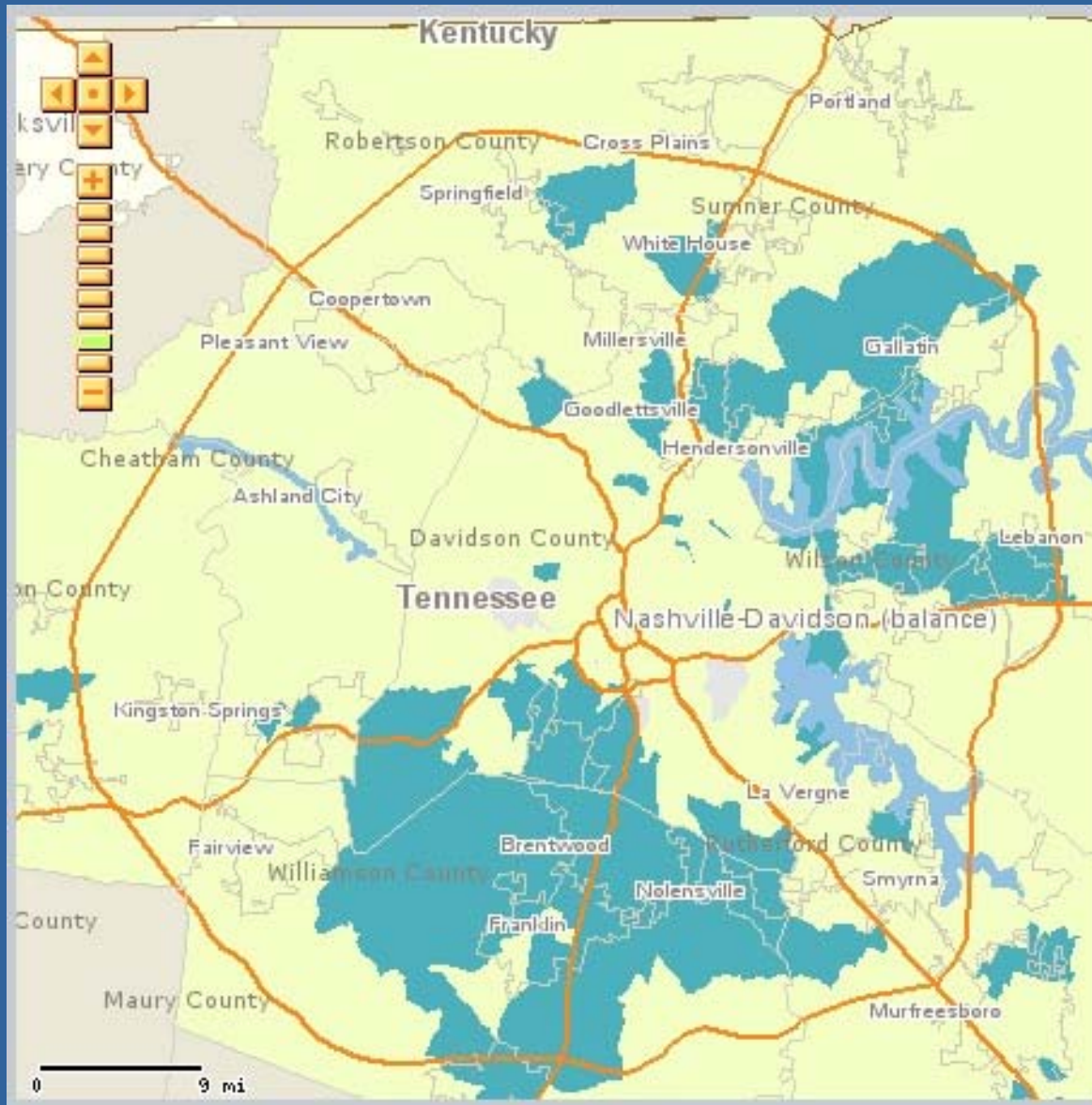
# Mt. Pleasant - Washington, D.C.



# Conventional Wisdom: The Old



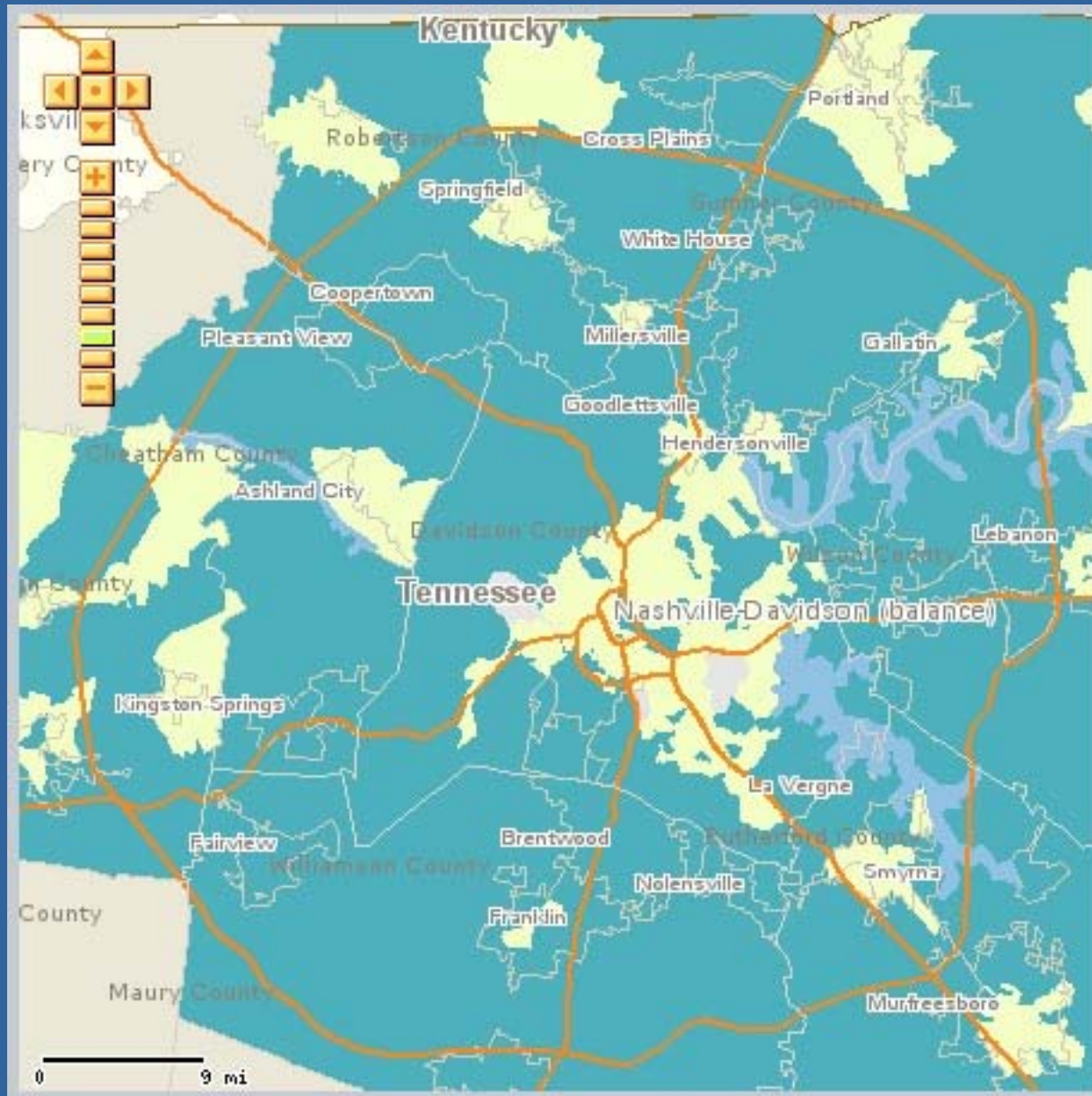
# Nashville



Housing that  
costs  
30% or more of  
Area Median  
Income  
(in blue)



# Nashville



Housing +  
Transportation that costs  
48% or more  
of Area  
Median  
Income  
(in blue)

# Conventional Wisdom: The New

The **Vibrancy** of  
Trace's 12th & Madison  
Gateway Neighborhood  
Scores a **Perfect 100**  
on **walkscore.com**



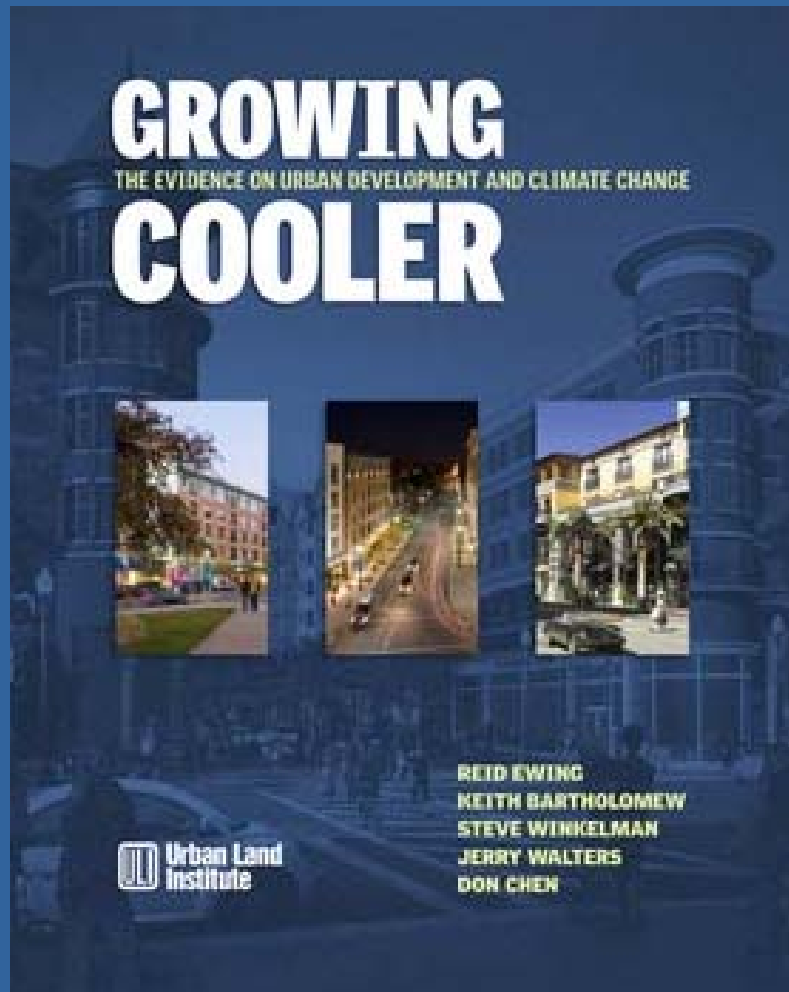
ek REAL ESTATE GROUP  
BUILT GREEN™  
HARVARD & MIT'S ASSOCIATION OF REAL ESTATE

12th Ave  
E Madison St



The Hilton in Downtown  
Eugene: 91 out of 100

# Growing Cooler



Compact development reduces driving from 20 to 40 percent, and more in some instances

2/3 of development expected to be on the ground in 2050 is not yet built.

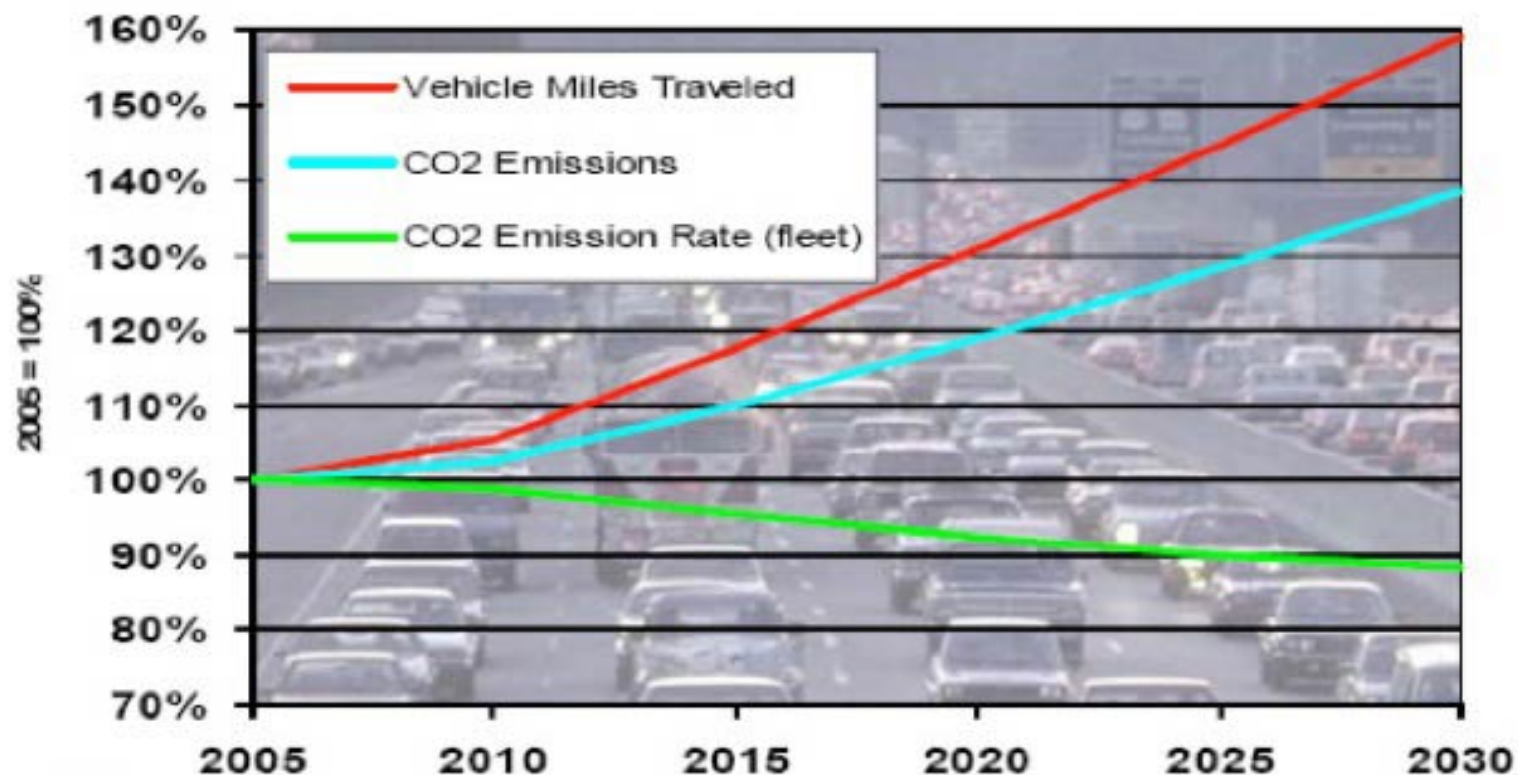
Shifting 60 percent of new growth to compact patterns would save 85 million tons of CO<sub>2</sub> annually by 2030.

The savings over that period equate to a 28 percent increase in U.S. federal vehicle efficiency standards by 2020 (to 32 mpg).

[www.smartgrowthamerica.org/gcindex.html](http://www.smartgrowthamerica.org/gcindex.html)



# VMT growth projected to outpace improvements in CO2 emissions

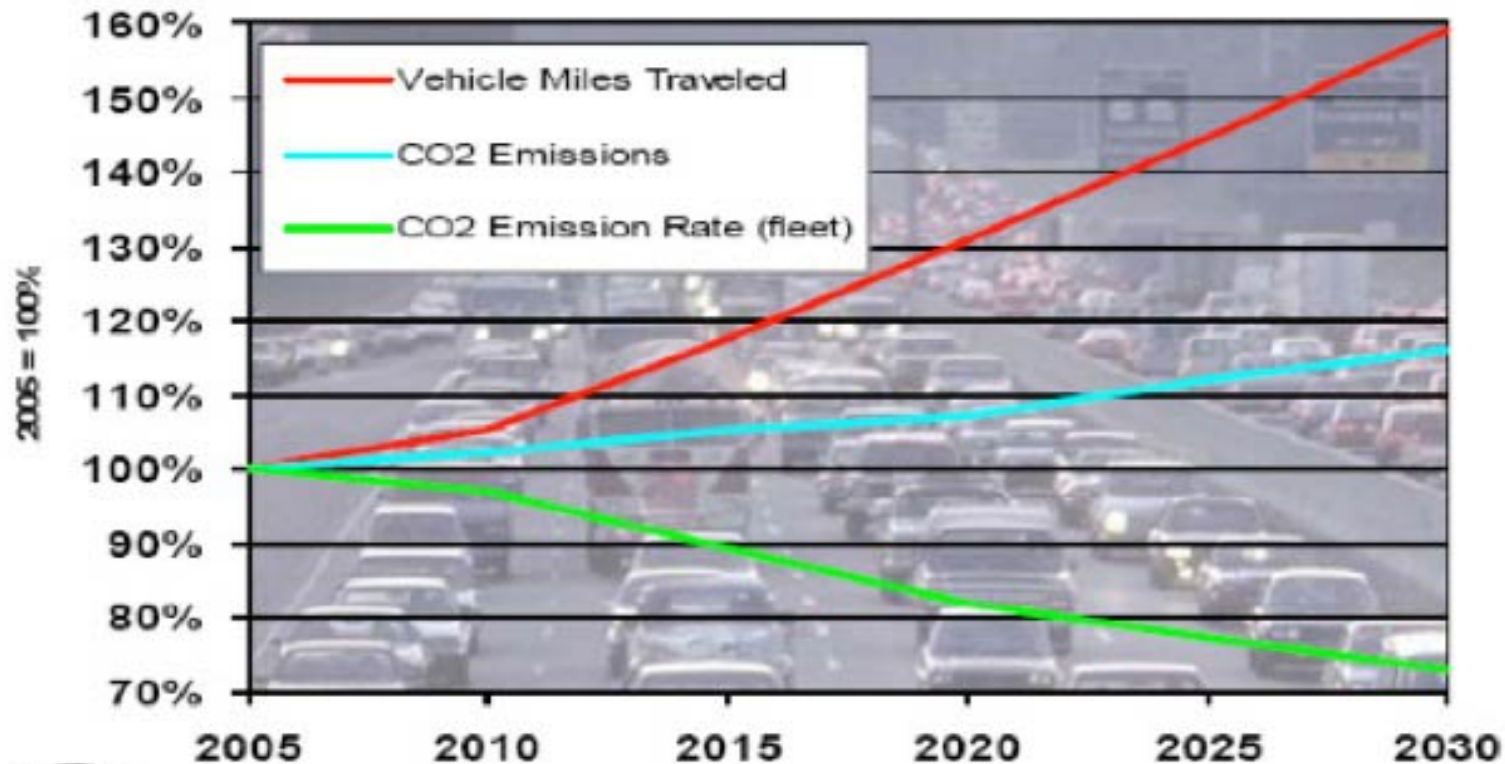


Raw data from: US DOE, EIA "AEO 2007"

From NRDC and Center for Clean Air Policy



# Even if Congress adopted California standards tomorrow



Based on US DOE, EIA "AEO 2007" and CARB 2006

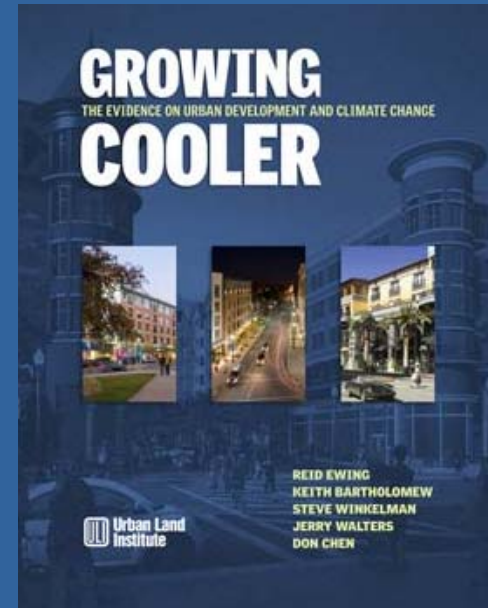
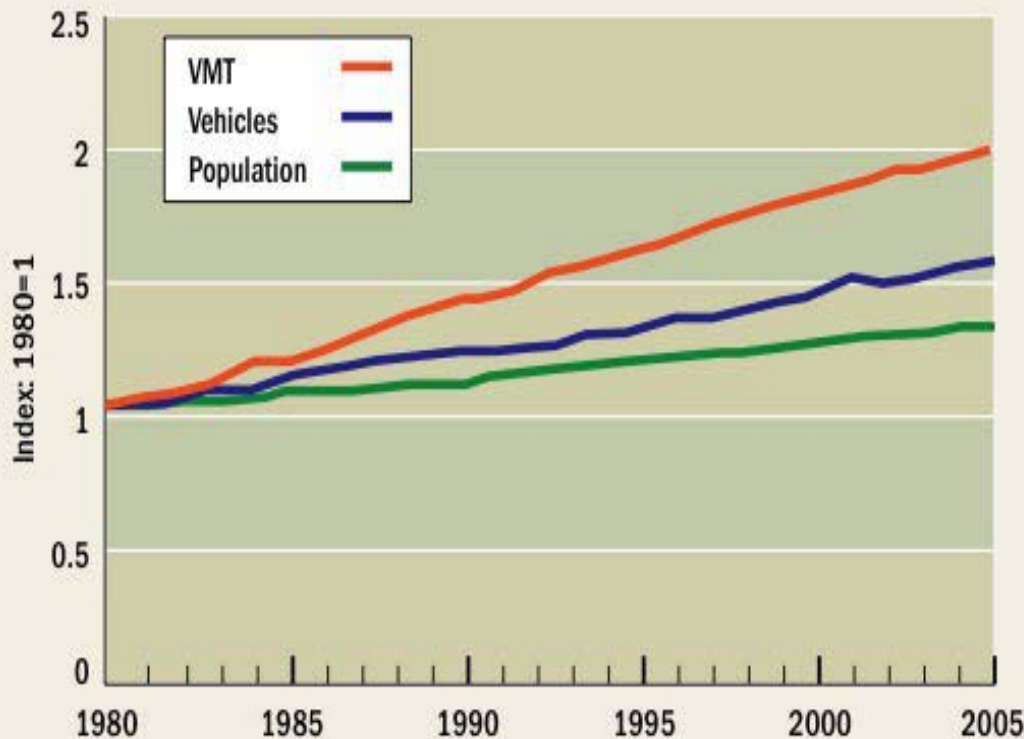
From NRDC and Center for Clean Air Policy



# Growing Cooler

FIGURE 1-1

**Growth of Population, Vehicle Registration, and VMT in the United States relative to 1980 Values**

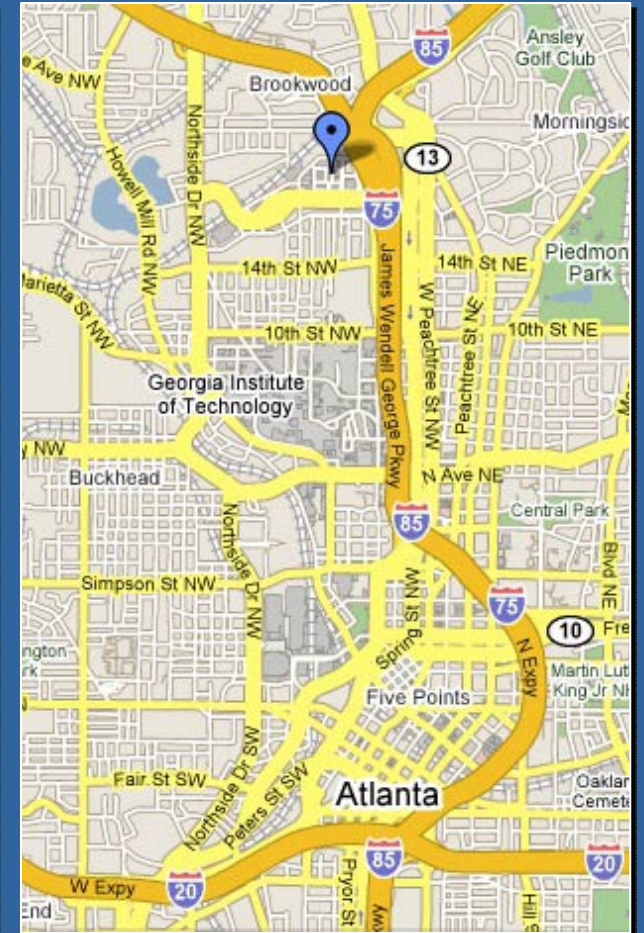


Since 1980, the number of miles Americans drive has grown three times faster than the U.S. population, and almost twice as fast as vehicle registrations.

[www.smartgrowthamerica.org/gcindex.html](http://www.smartgrowthamerica.org/gcindex.html)



# Atlantic Station

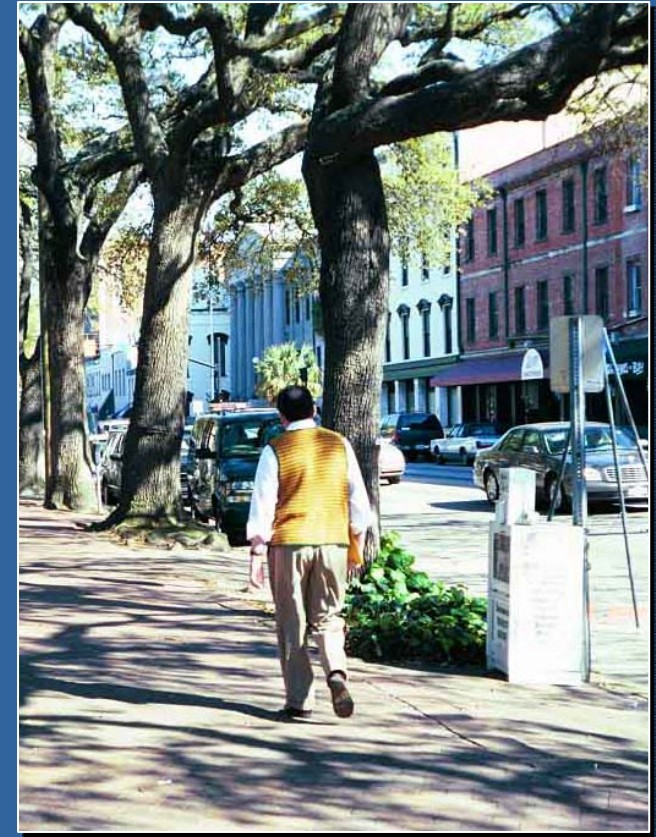
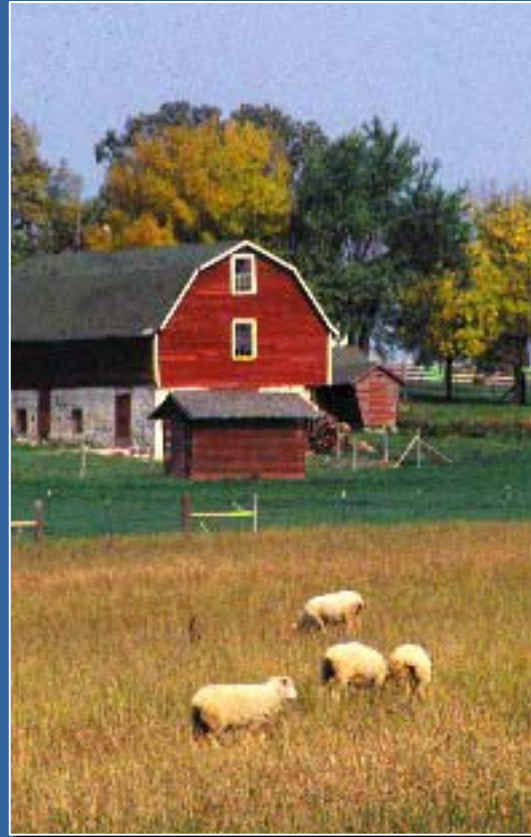


# Is this our future?





# Or is there a better way?







**thank you**

Gov. Parris N. Glendening

President, Smart Growth Leadership Institute

[www.smartgrowthamerica.org](http://www.smartgrowthamerica.org)