



# Local Government Commission

## *Leaders for Livable Communities*

# 17 Years of Convening Partners for Stronger Communities



*“The New Partners conference has been integral as a place where smart growth itself grows and evolves, responding to the changing environment, and reflecting the knowledge gained from years of practice.”*

– Geoff Anderson former CEO of Smart Growth America





# Smart Growth— A Climate Solution



Local Government Commission  
*Leaders for Livable Communities*



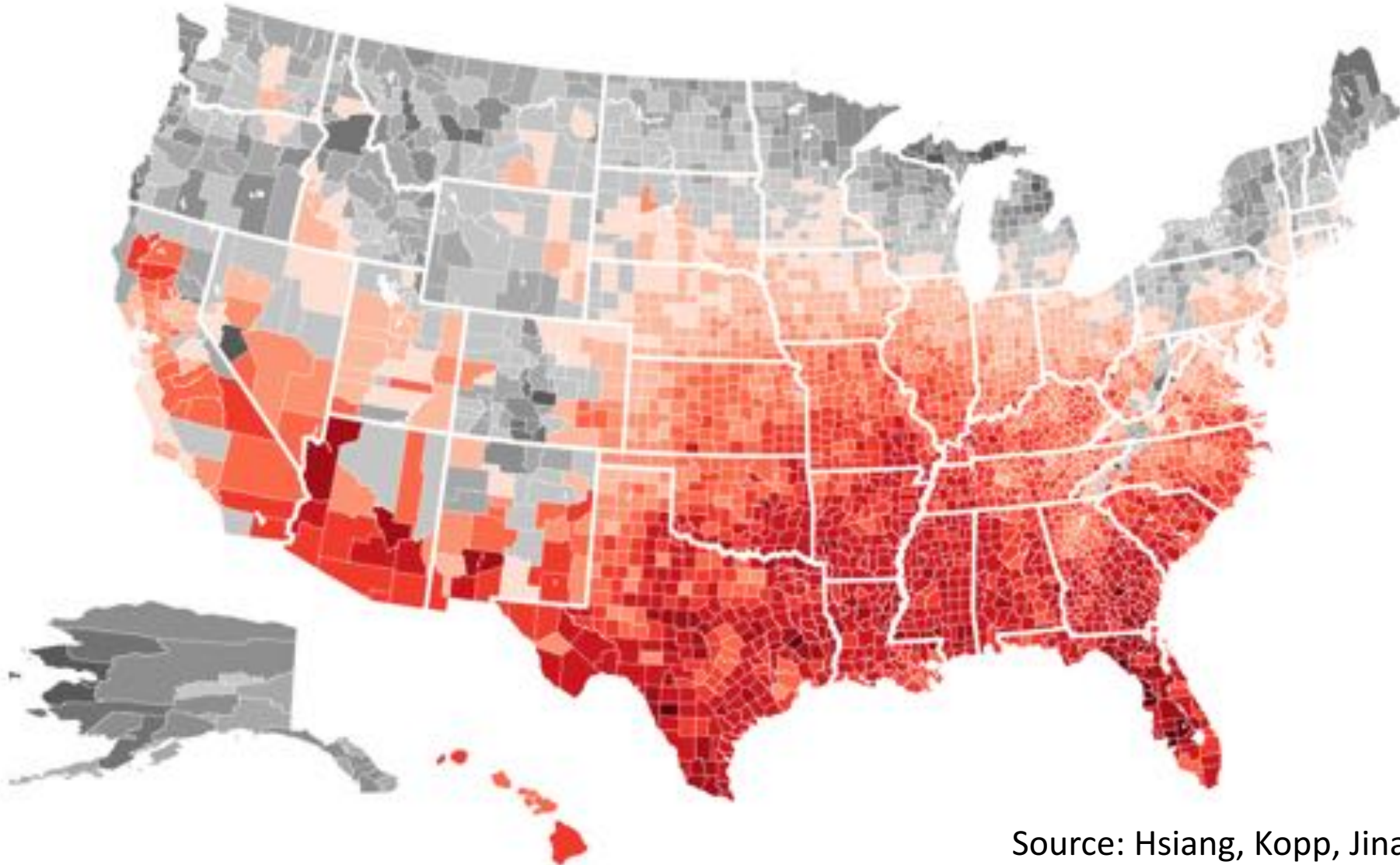
# U.S. 2017 Billion-Dollar Weather and Climate Disasters



This map denotes the approximate location for each of the 16 billion-dollar weather and climate disasters that impacted the United States during 2017.

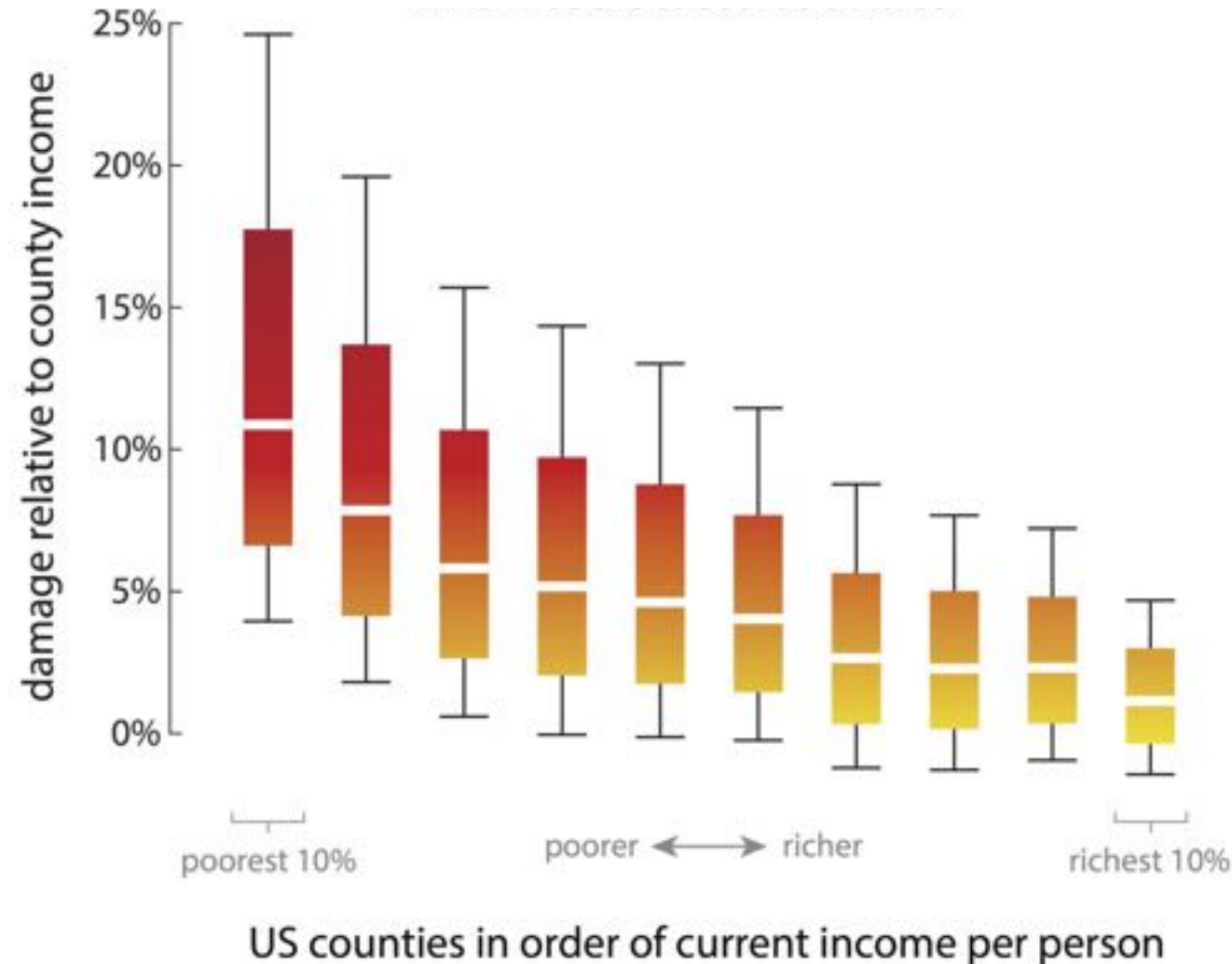
# Projected Economic Damage from Climate Change

*Counties shaded red are expected to incur greater damages, shown as a percentage of county GDP.*



Source: Hsiang, Kopp, Jina, Rising et al (2017)

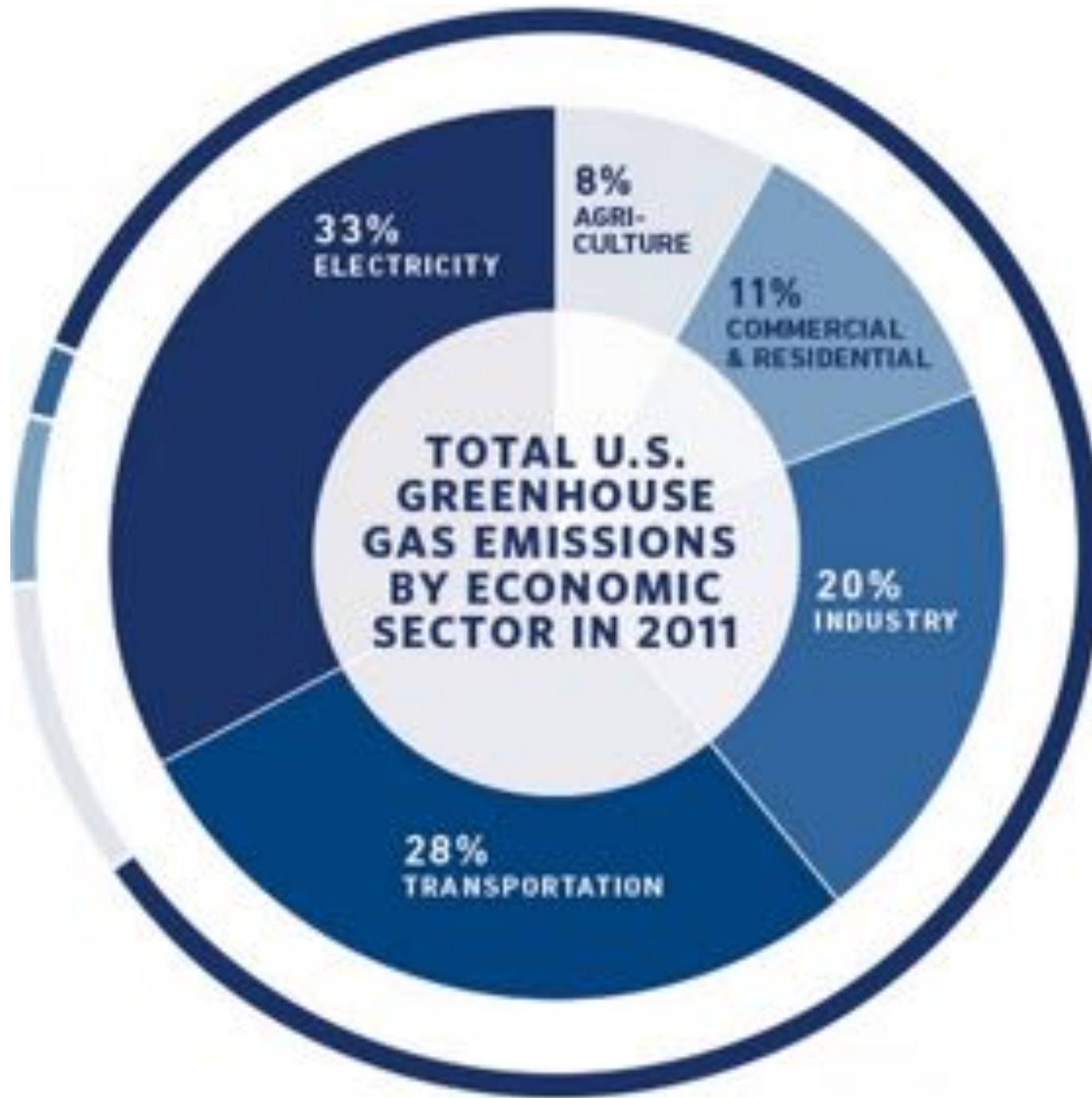
# Projected Economic Damage from Climate Change in United States counties



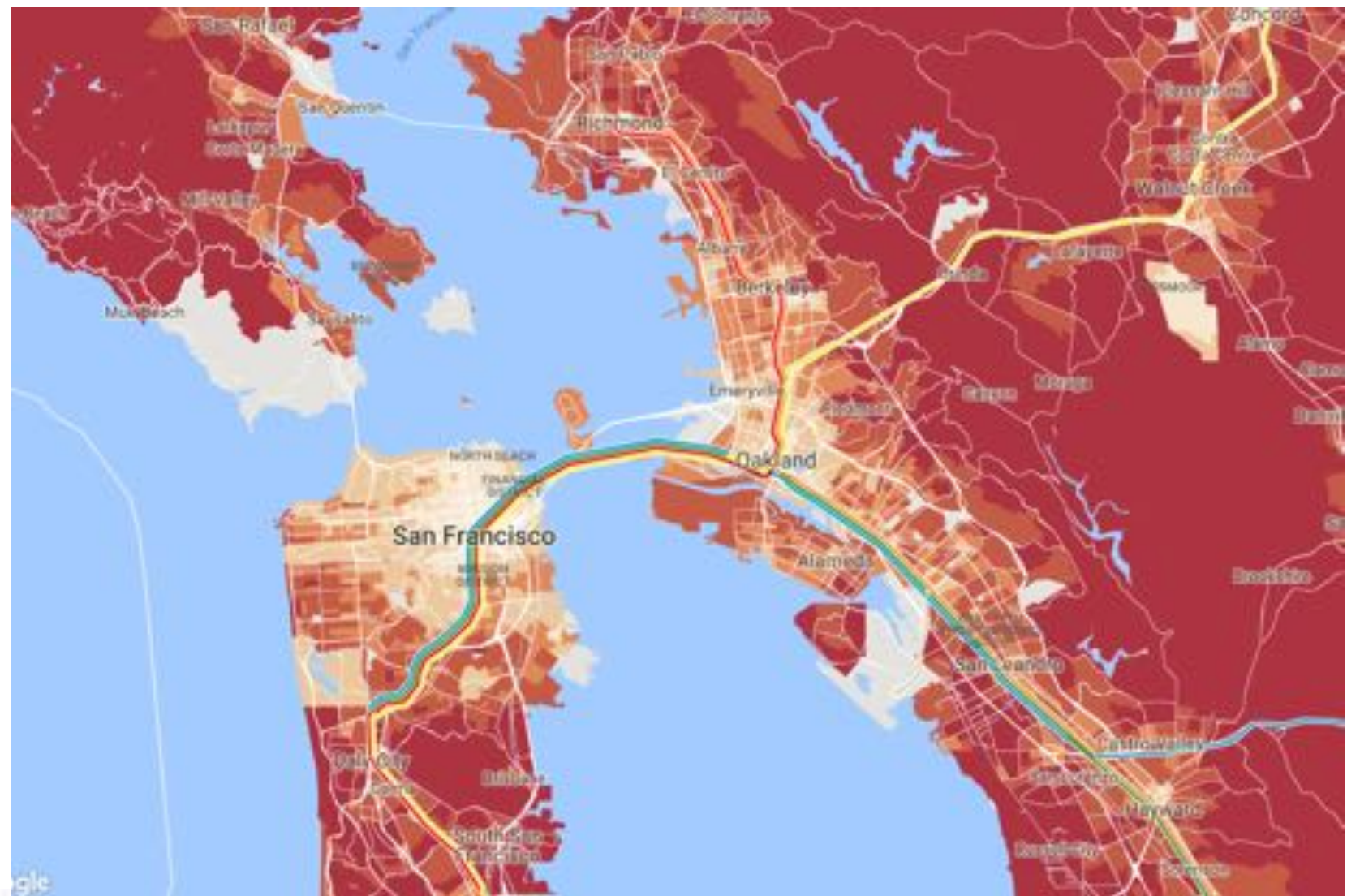


# 2/3rds

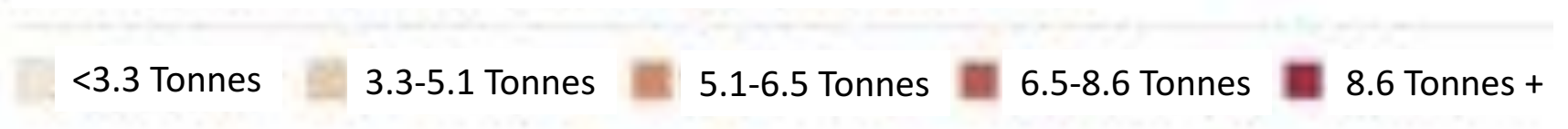
of emissions  
are related to  
land use and  
community  
design.



Households in  
location-  
efficient urban  
neighborhoods  
are **half or less**  
of the GHG in  
households in  
the least-  
efficient, car-  
dependent  
neighborhoods

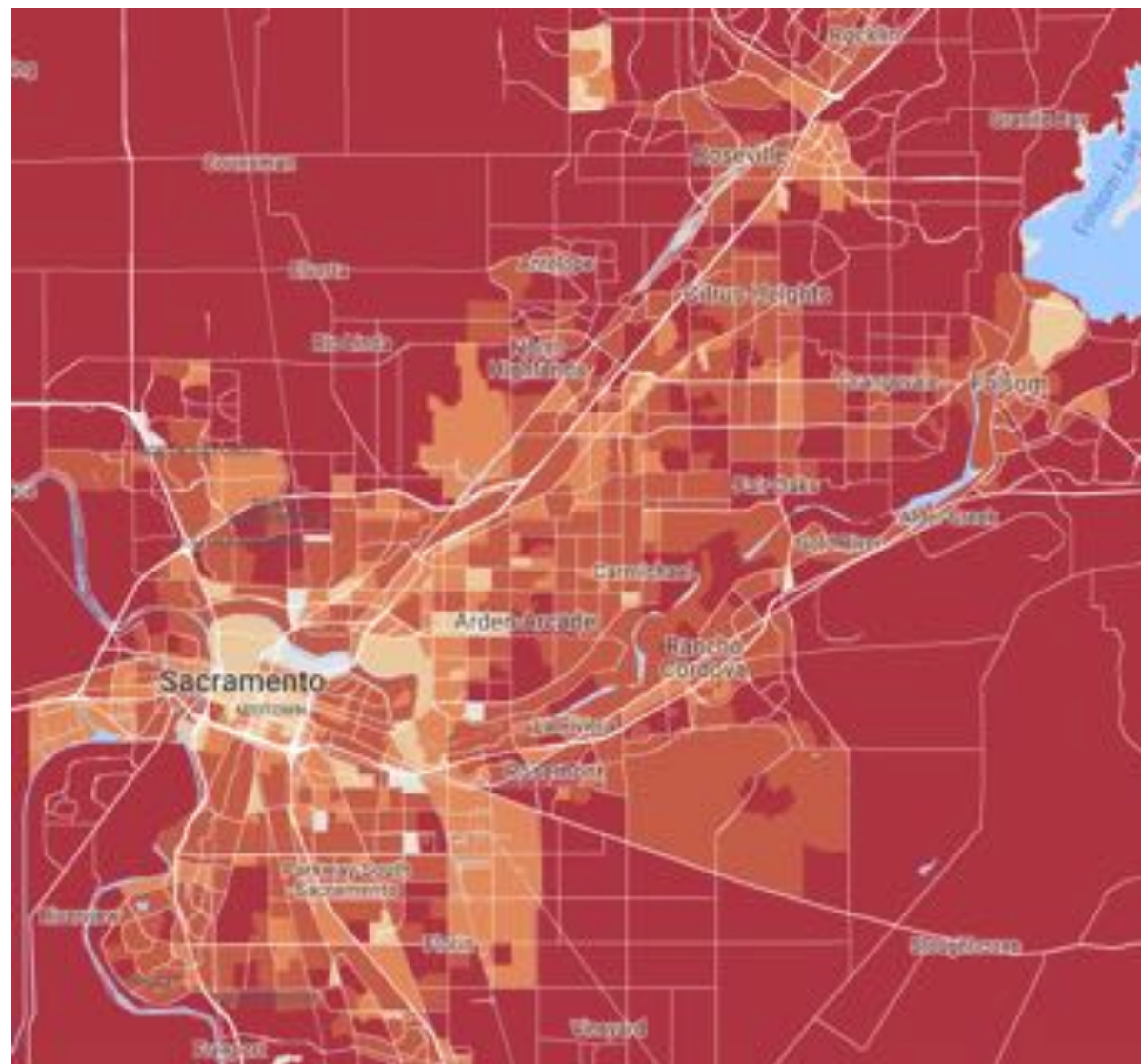


Annual GHG per Household

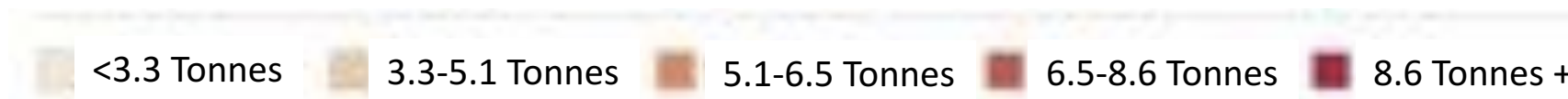


Source: Center for Neighborhood Technology



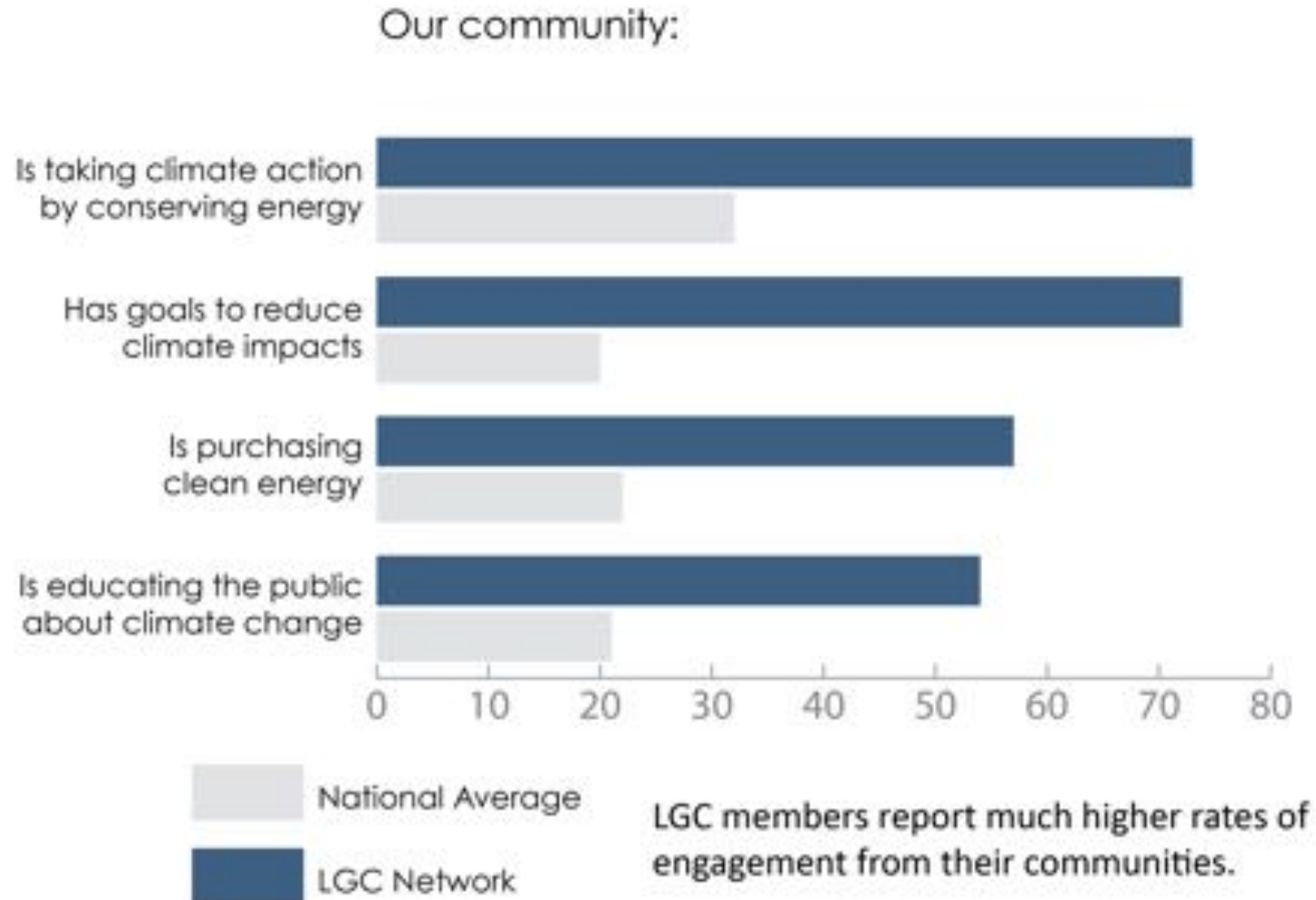


Annual GHG per Household



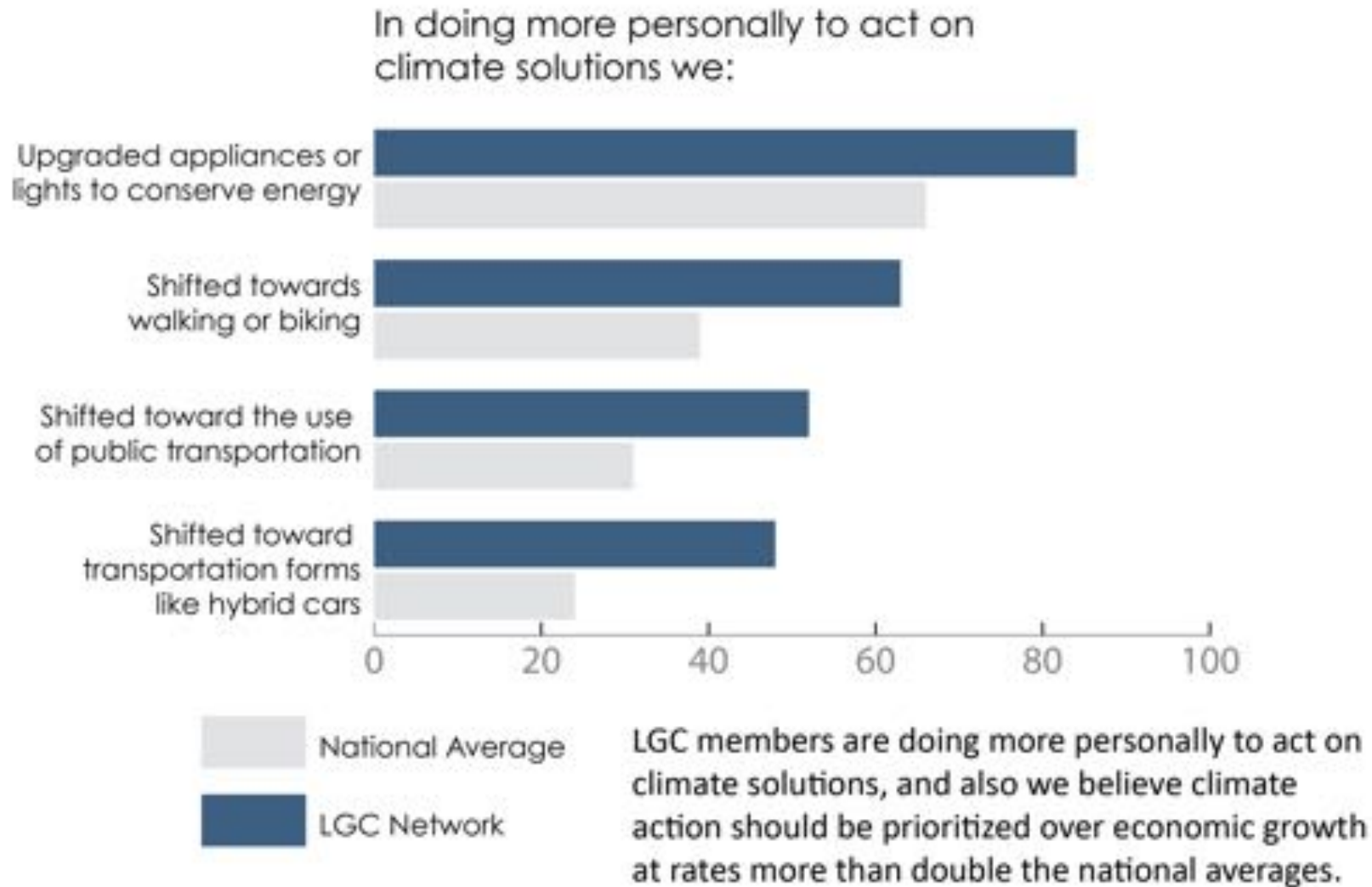
Source: Center for Neighborhood Technology

# LGC's Network is Doing More in Their Communities to Act on Climate Change than the National Average





# LGC's Network is Doing More Personally to Act on Climate Change than the National Average



Source: EcoAmerica (2017)

A close-up photograph of a baby with light brown hair and blue eyes, sitting on a sandy beach. The baby is wearing a green and white long-sleeved shirt and has a determined, slightly pouting expression. The background shows the ocean waves and a clear sky.

**MISSION  
ACCOMPLISHED!**



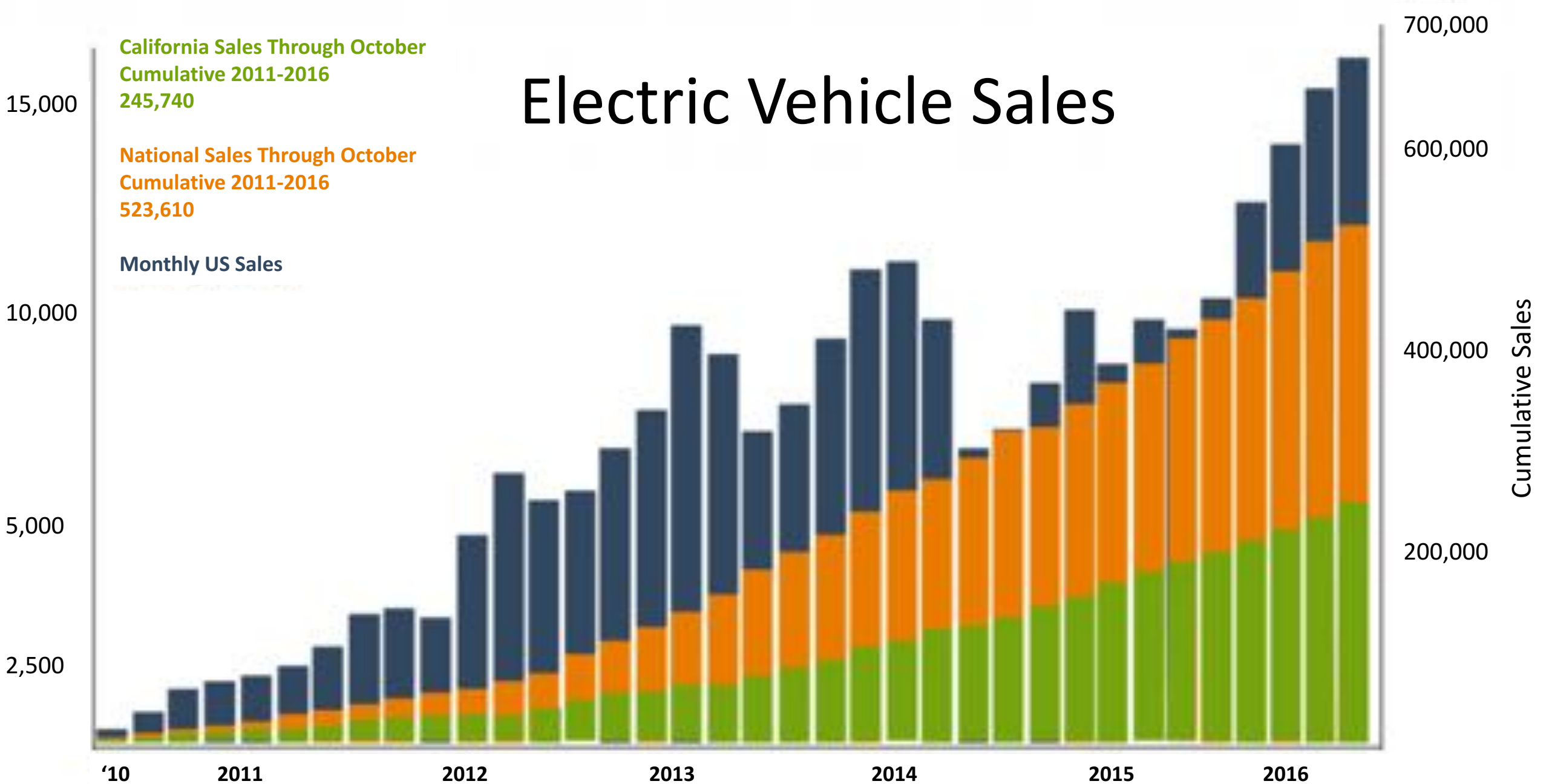


# Smart Growth: The Missing Piece of New Mobility



Local Government Commission  
*Leaders for Livable Communities*

# Electric Vehicle Sales



California Sales Through October  
Cumulative 2011-2016  
245,740

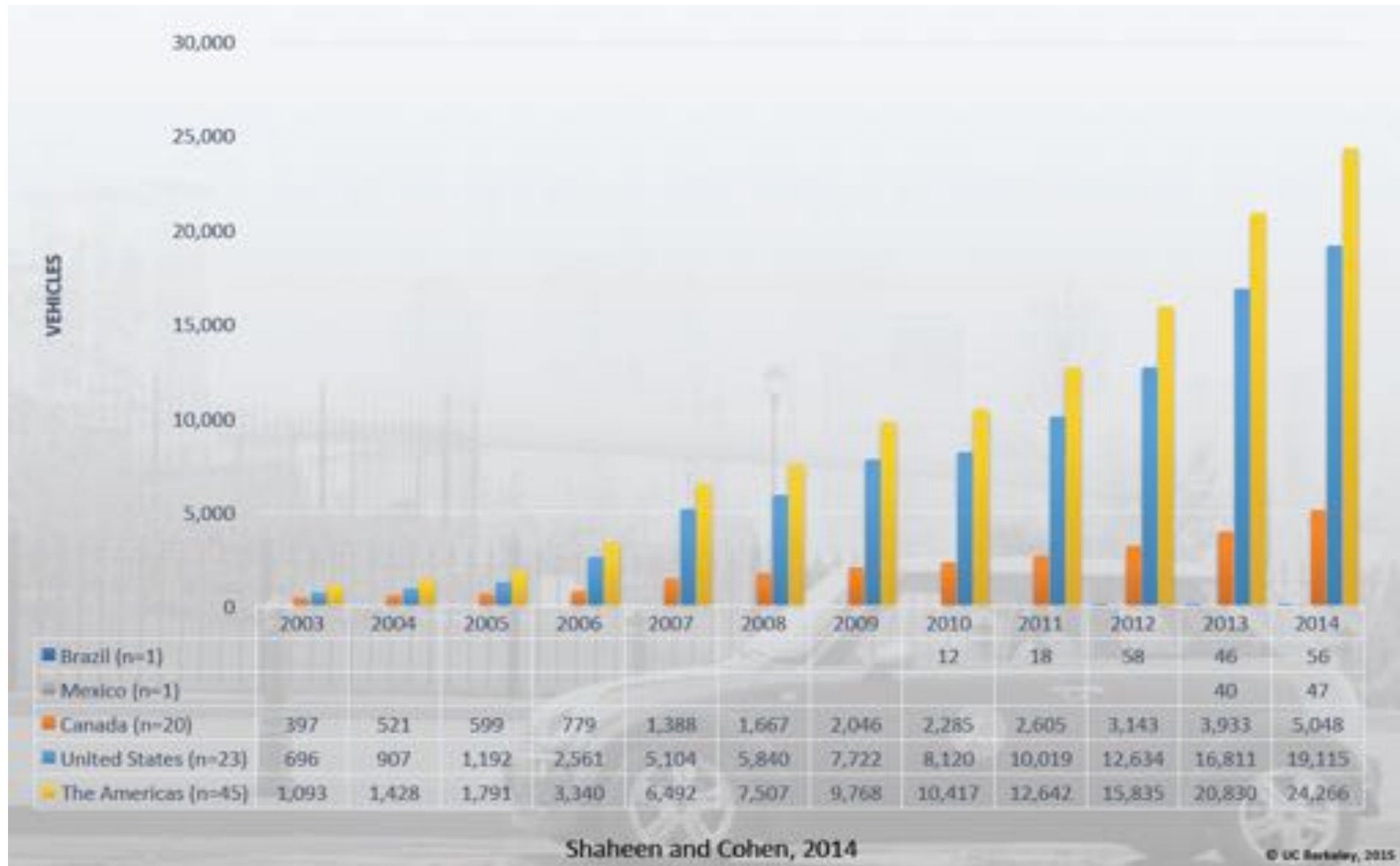
National Sales Through October  
Cumulative 2011-2016  
523,610

Monthly US Sales

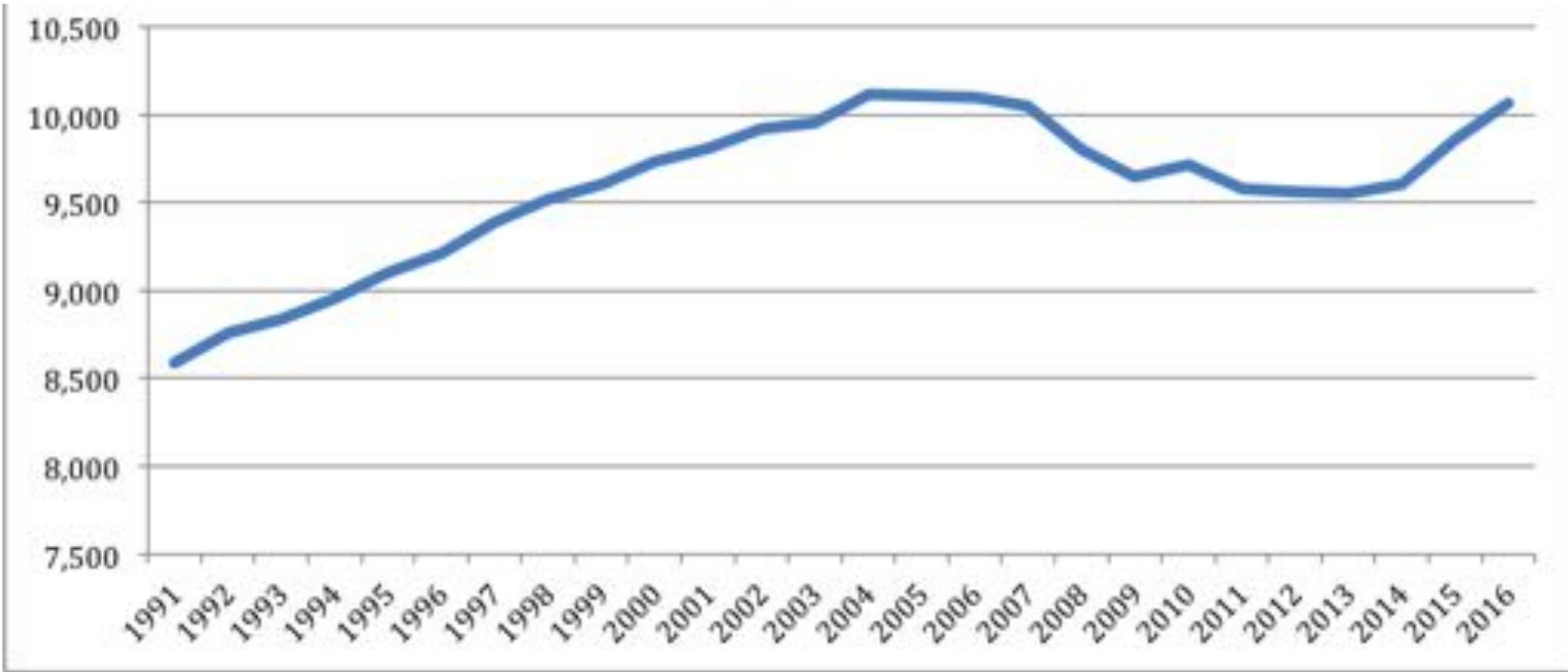
Note: Approximation assumes CA sales are 52% of national sales.  
Reference: [www.hybridcars.com](http://www.hybridcars.com)



# Carsharing Vehicle Growth: Americas



# U.S. VMT per Capita, 1991-2016



Source: Federal Highway Administration



Autonomous vehicles  
could increase VMT  
by **6%-90%**, depending  
on the percent of  
individually owned cars

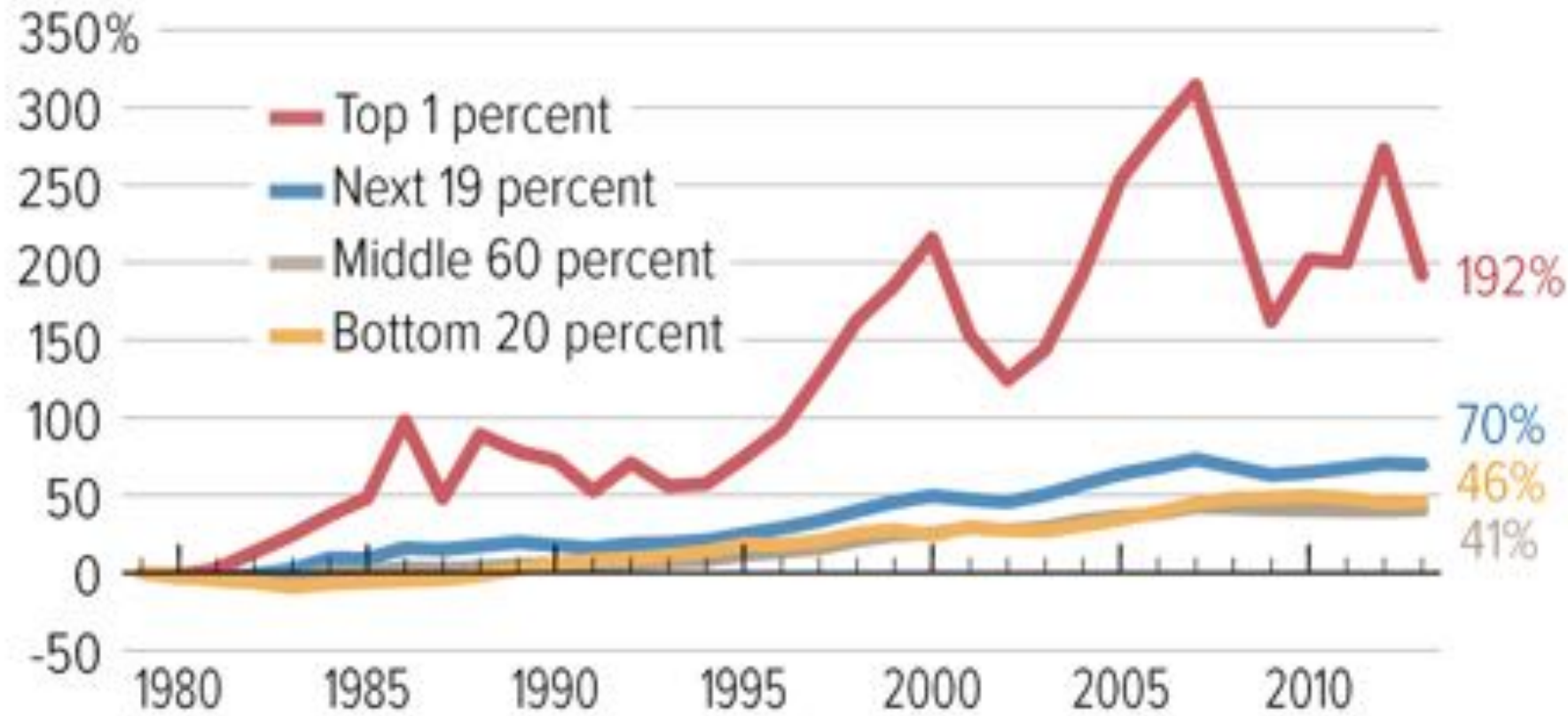
-Joan Walker Director of Institute of  
Transportation Studies at UC  
Berkeley



Local Government Commission  
*Leaders for Livable Communities*

# Income Gains at the Top Dwarf Those of Low- and Middle-Income Households

*Percent change in real after-tax income since 1979*



Source: Congressional Budget Office

\$4,900 average price premium for an autonomous vehicle

\$39,500 average price of midsize EVs (vs. ~\$25,000)



# Clean VMT Is Still VMT, Smart Growth Still Beats Sprawl



Local Government Commission  
*Leaders for Livable Communities*



# Smart Growth

## Reduces Costs:

- saves an average of **38%** on upfront construction and infrastructure costs
- saves an average of **10%** on police, fire and other services.

## Increases Revenue:

- generates **10 times** more tax revenue per acre than suburban development

Source: Smart Growth America



Photo Credit: Strong Towns

# Housing + Transportation Cost % Income



Housing: **55%** of U.S. neighborhoods are considered “affordable”.

Housing + Transportation: Only **26%** of Americans live in neighborhoods that they can truly afford.

\*H+T benchmark no more than **45%** of household income.

Housing + Transportation Costs % Income

+ 24% 24-34% 34-45% 45-54% 54-64% 64-74% 74-87% 87%+



# THE WALL STREET JOURNAL.

## What If Urban Sprawl Is the Only Realistic Way to Create Affordable Cities?

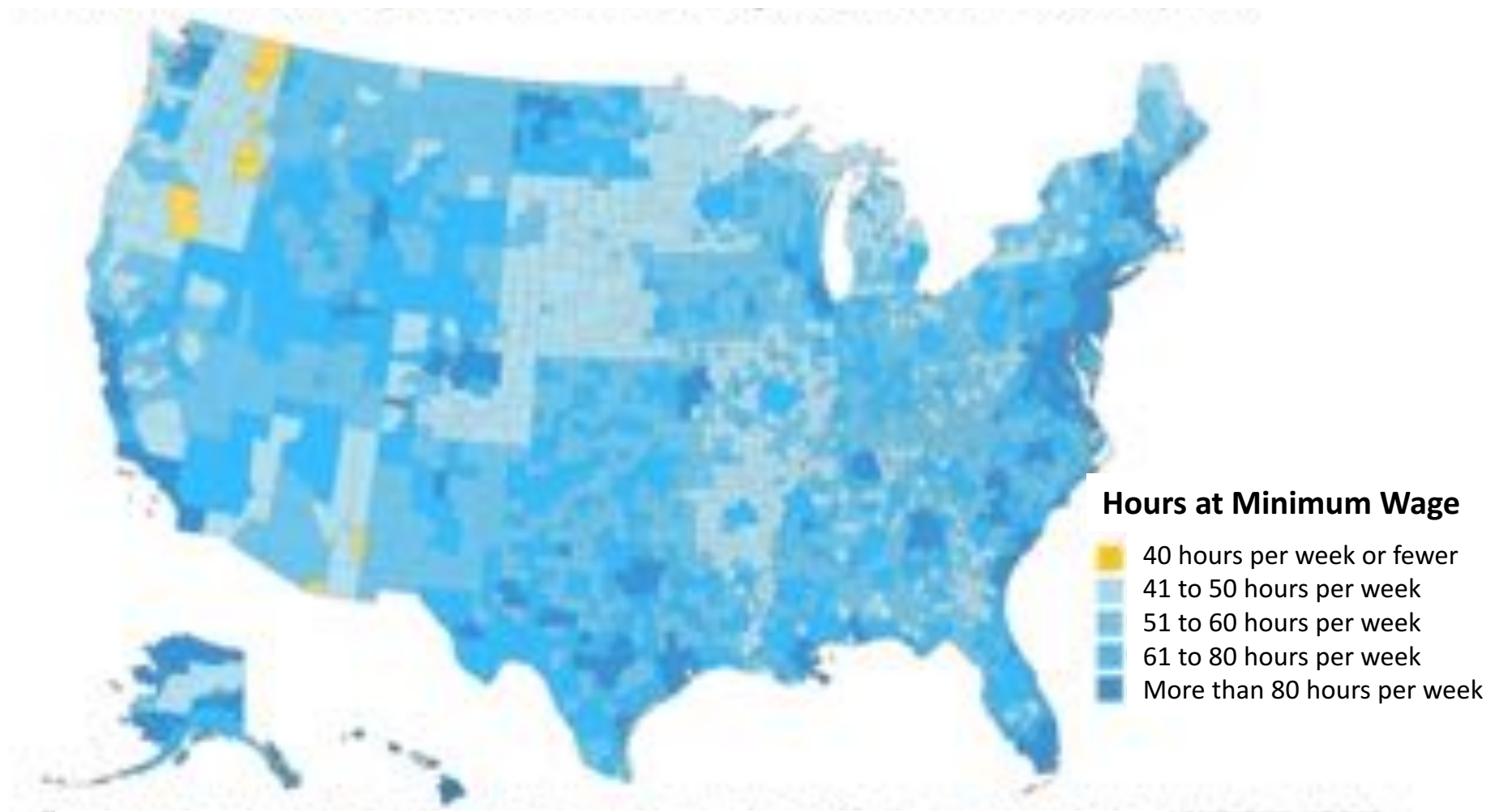
Building suburbs makes cities more affordable than building towers, according to research released Wednesday

Sep 14, 2016 10:42 am ET





# Hours at Minimum-Wage Need to Afford a 1-Bedroom Rental (2017)



Source: National Low Income Housing Coalition, Out of Reach 2017

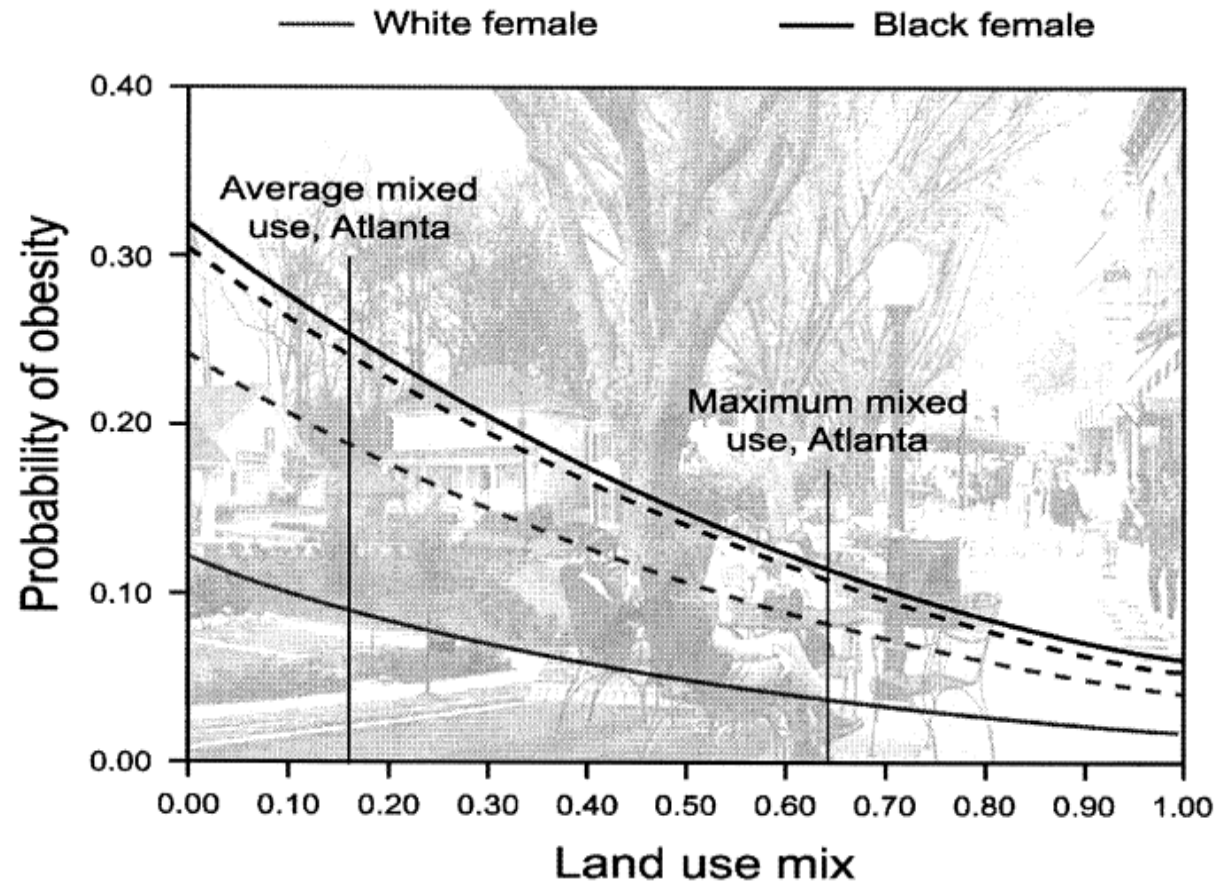


# Smart Growth: It Might Be a Matter Of Life and Death



Local Government Commission  
*Leaders for Livable Communities*

# Higher Density and Connectivity: Lower Obesity (Atlanta study, 2004)

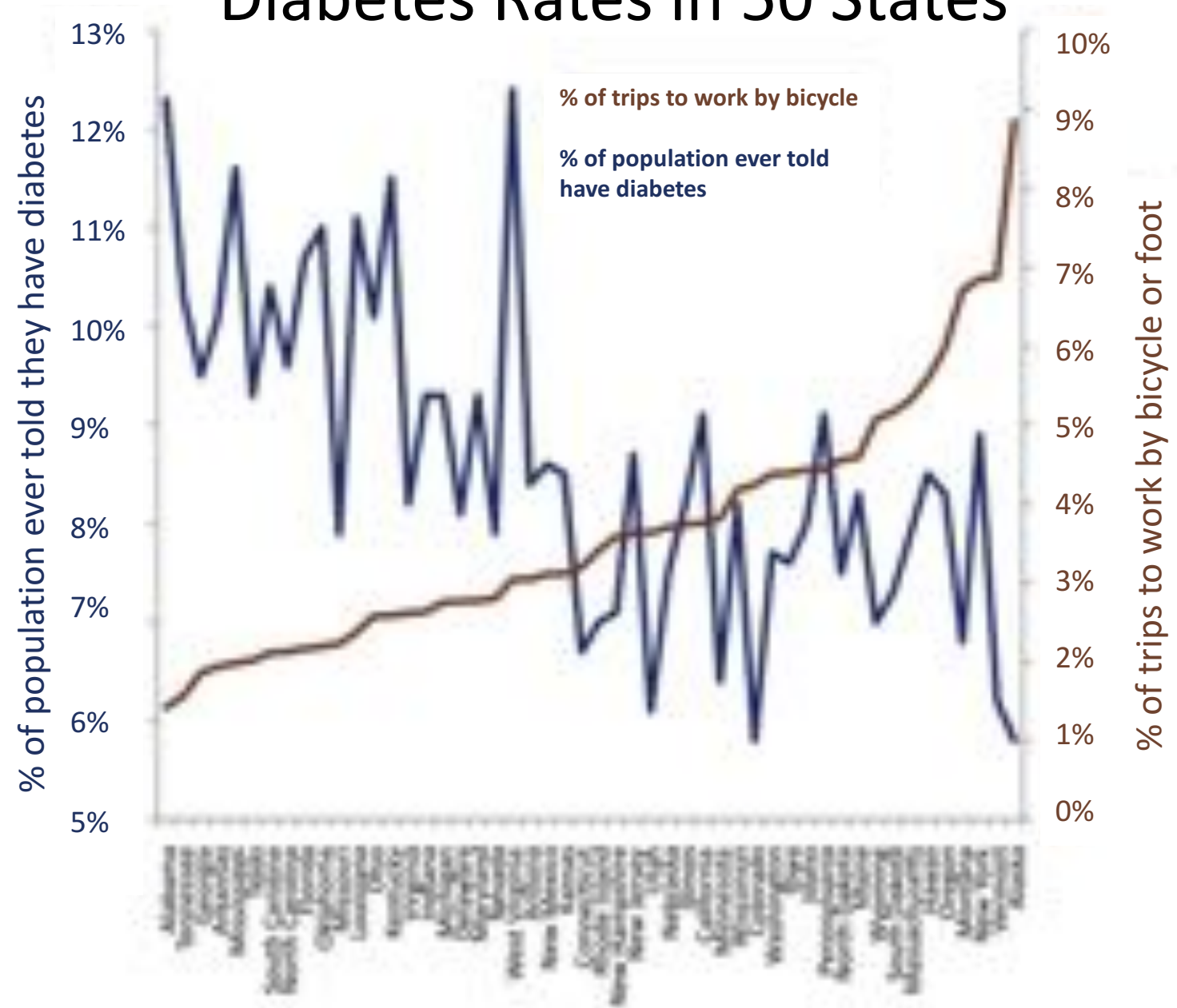


**Obesity Relationships with Community Design, Physical Activity, and Time Spent in Cars**

Lawrence D. Frank, PhD, Martin A. Andresen, MA, Thomas L. Schmid, PhD



# Comparing Bicycling and Walking to Diabetes Rates in 50 States



States with the highest levels of biking and walking have, on average, the lowest rates of obesity, diabetes and high blood pressure.

50% of trips are less than three miles,  
72% of these trips are made by vehicle.







# Pent-up Demand for Smart Growth

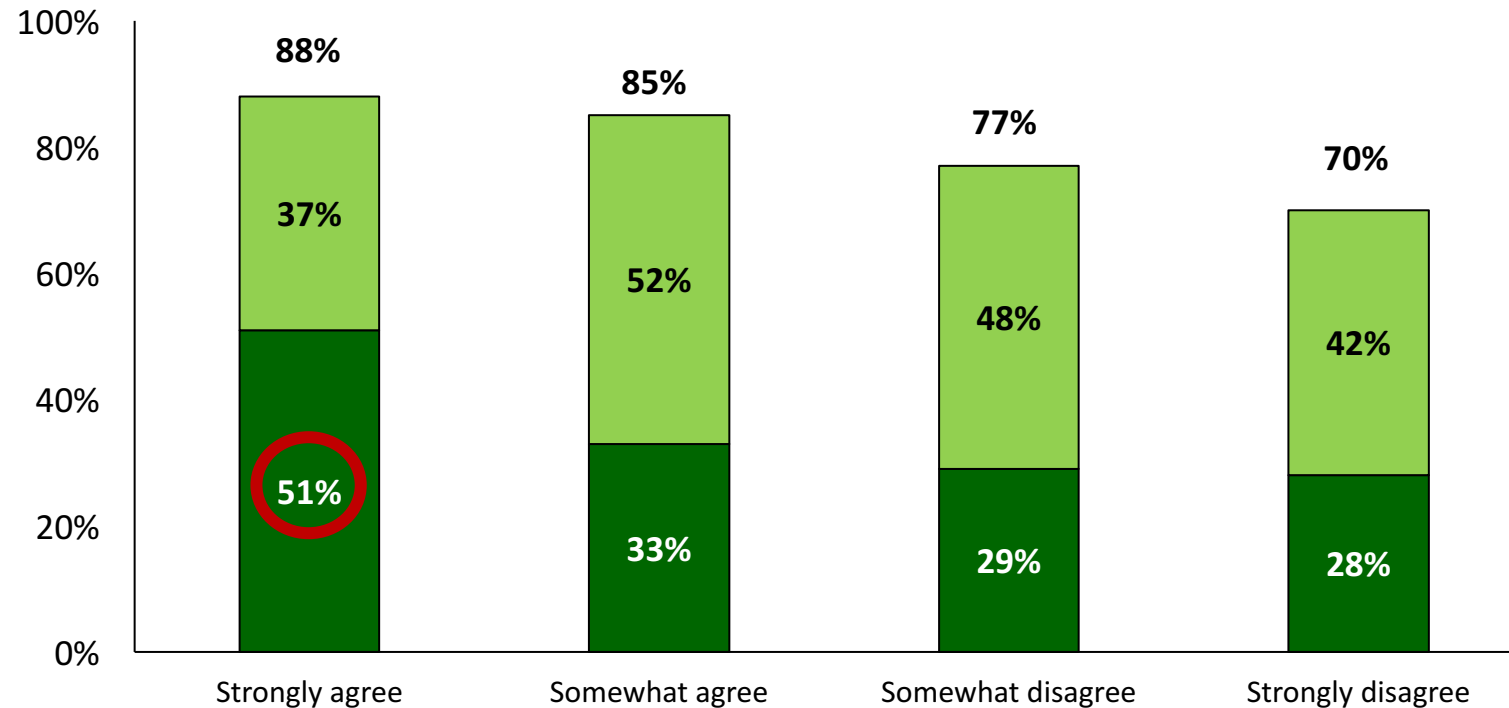


Local Government Commission  
*Leaders for Livable Communities*



# People with Places to Walk Are More Satisfied with the Quality of Life in Their Community

*Quality of Life by Agreement that Neighborhood is Walkable*

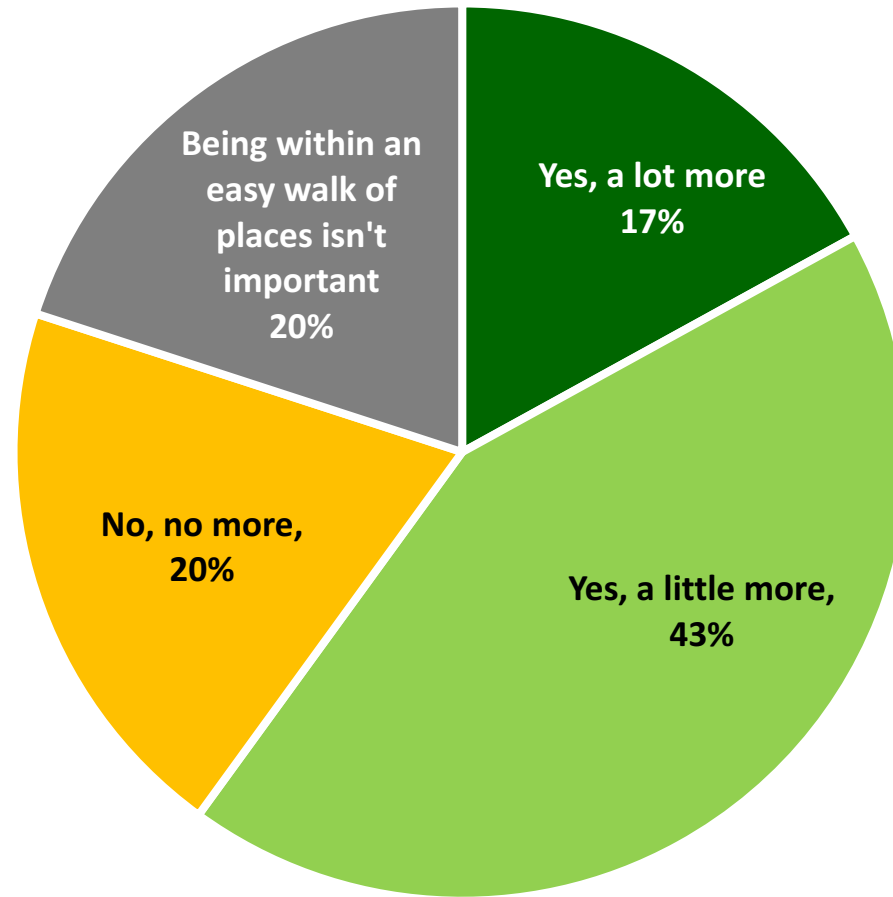


**There are lots of places to walk nearby such as shops, cafes, and restaurants.**

■ Very satisfied    ■ Somewhat satisfied













# Six-in-Ten Would Pay More To Live in a Walkable Community

*Willingness to Spend More to Live Within Walking Distance to Parks, Shops and Restaurants*



(IF VERY OR SOMEWHAT IMPORTANT ON IMPORT\_A) If you were moving to a new home, would you be willing to spend more to live in a community where you could easily walk to parks, shops, and restaurants?

# One-in-Five Living in a Detached Home Currently Would Prefer to Live in an Attached Home in a Walkable Community with Shorter Commute

	Lives in	Prefers	%
Mismatched	 Detached home	Apartment/townhouse in <u>walkable neighborhood</u>  	<b>21%</b>
	 Attached home	Detached home in <u>conventional neighborhood</u>  	<b>10%</b>
Matched	 Attached home	Apartment/townhouse in <u>walkable neighborhood</u>  	<b>28%</b>
	 Detached home	Detached home in <u>conventional neighborhood</u>  	<b>37%</b>



# Our Call to Action: Continued Partnerships to Advance Smart Growth



- Create **climate friendly communities**
- Identify **integrated mobility solutions**
- Increase **affordable living** across housing, transportation and health
- Implement **fiscally prudent placemaking**
- Improve **health outcomes**
- Meet **market demand**
- Improve **quality of life** for all



Local Government Commission  
*Leaders for Livable Communities*



Partners for Stronger Communities

# Thank You!



**Local Government Commission**  
*Leaders for Livable Communities*