

The Future Car in Tomorrow's Shared Economy:

The Role of
Geographic & Demographic
Changes in Shaping Mobility
in the United States

The Role of Geography



Image source: Emily Fleck

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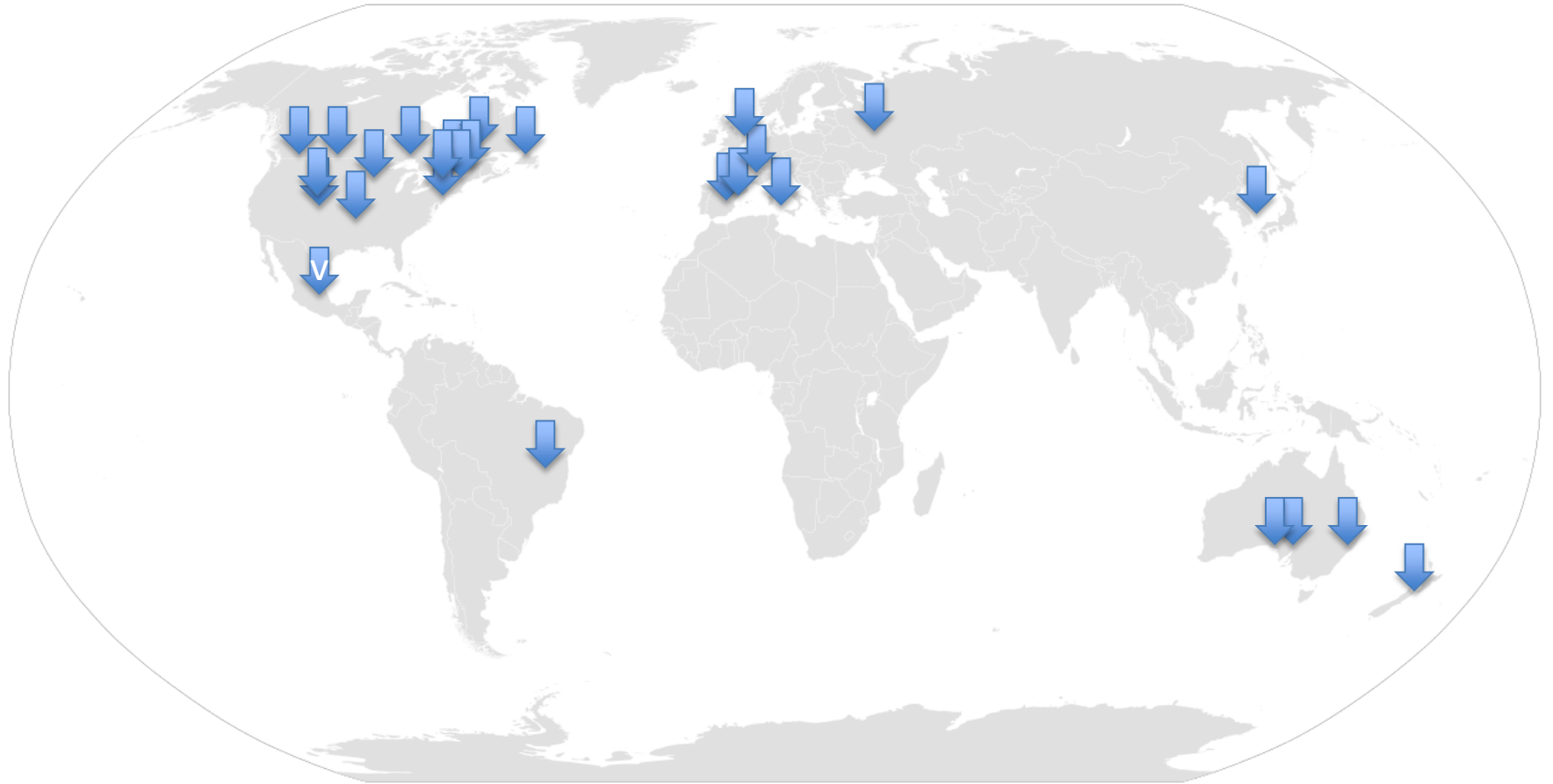


About the Carsharing Association

Who we are: A global industry trade association exclusively dedicated to the carsharing sector.

What we do: Provide a forum for continued learning, troubleshooting, and celebration through networking, knowledge exchange, and outreach.

About the Carsharing Association



Map source: Creative Commons

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Save the date!

The next
Carsharing Conference

18 and 19 May 2017
In Montréal, QC, Canada

US Population

324 million

As of 2015, ~67% of Americans
live in cities or “incorporated places.”

Of course, not all cities look like this...

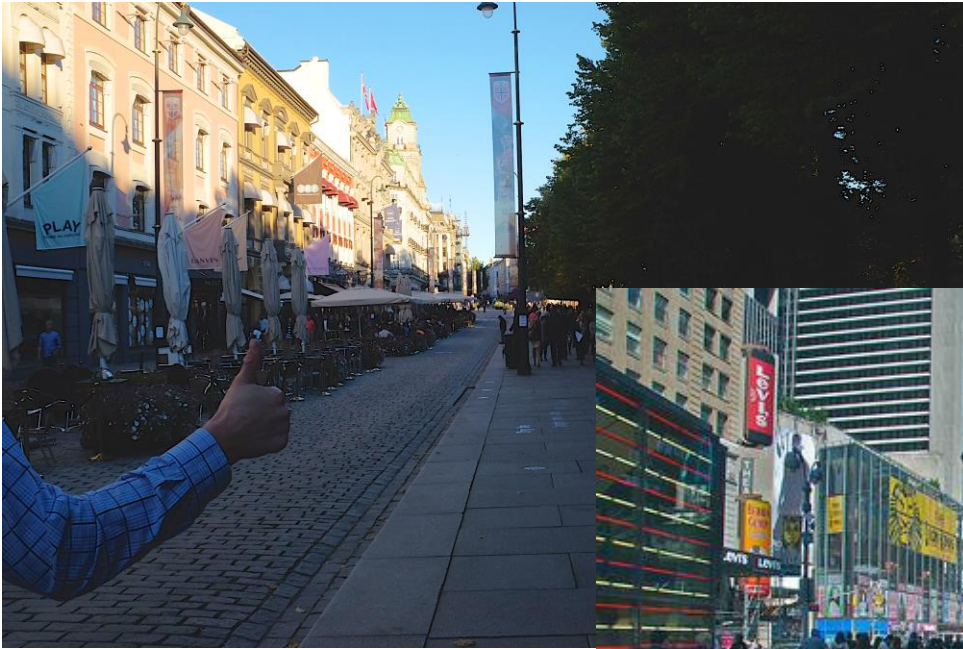


Image: Emily Fleck



Image: Ed Yourdon

They also look like this...



Killeen, Texas
Population: ~140,000
Growth: ~10%

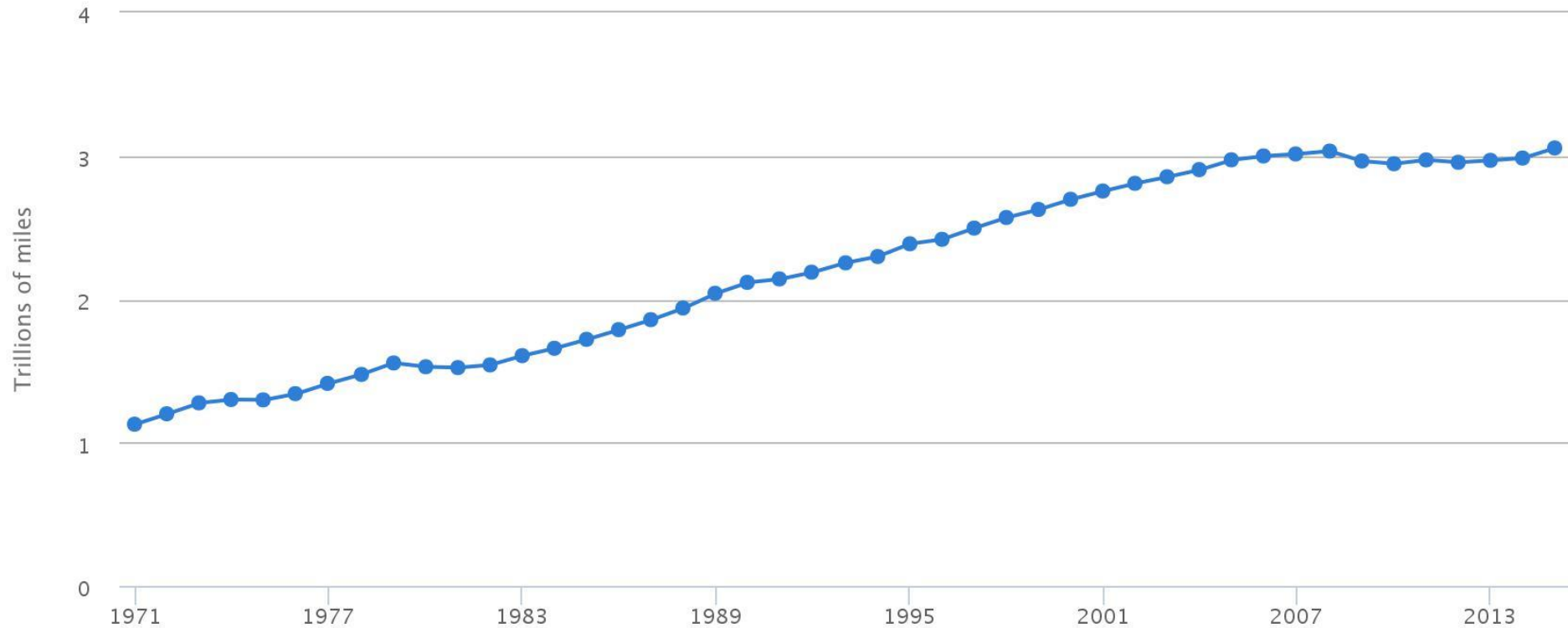
Image: @dailyoverview on
Instagram

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VMT is increasing again:

Annual Vehicle Miles Traveled in the U.S.



Last updated: July 2015

Printed on: September 6

Source: Federal Highway Administration

Notes: VMT counts include those of light-, medium-, and heavy-duty vehicles.

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Commuting to work

~86% of workers commuted by privately-owned vehicle in 2009

(three-quarters of that percentage drove alone)

Source: Census Bureau
<https://www.census.gov/prod/2011pubs/acs-15.pdf>

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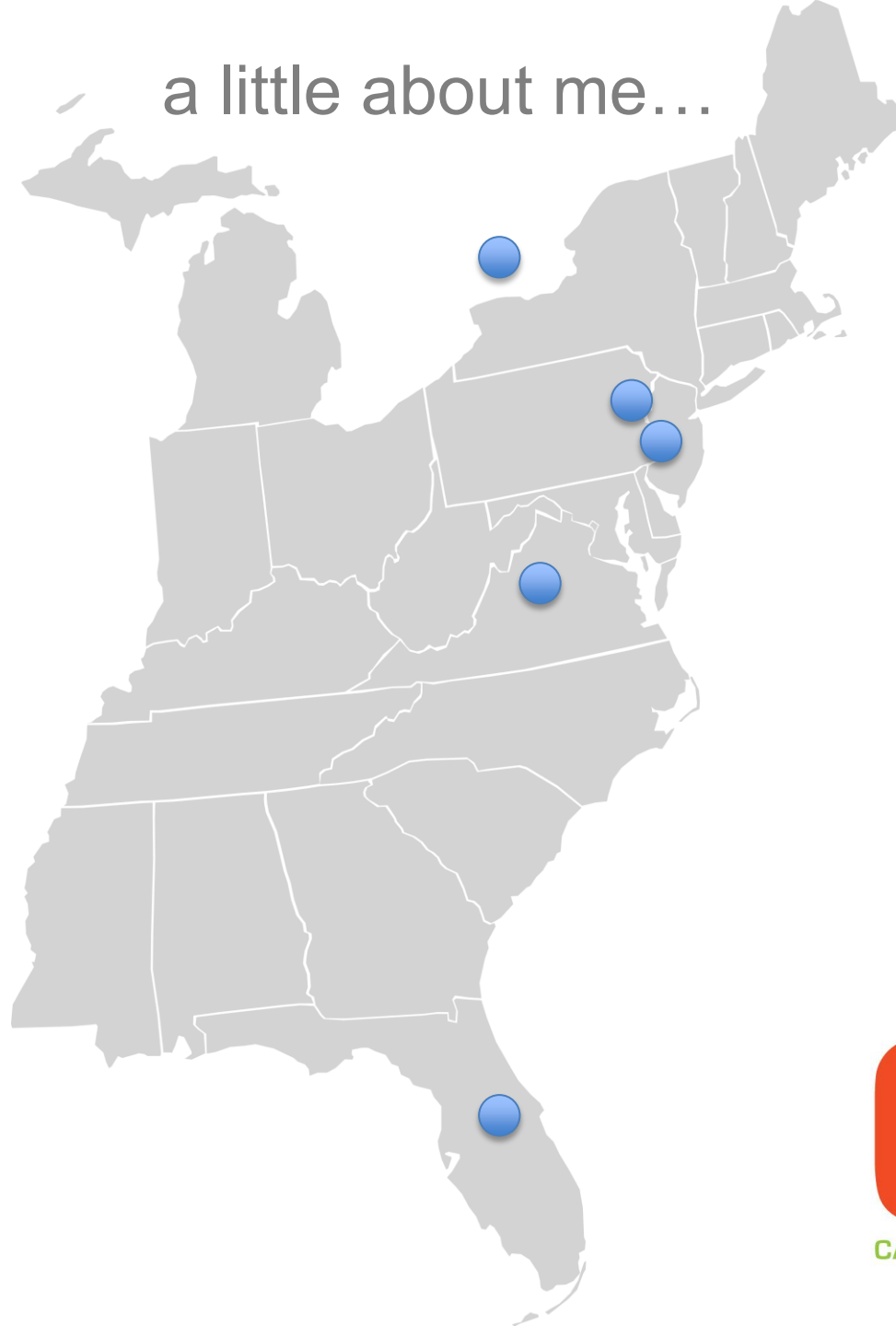


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Image: @dailyoverview on
Instagram



a little about me...



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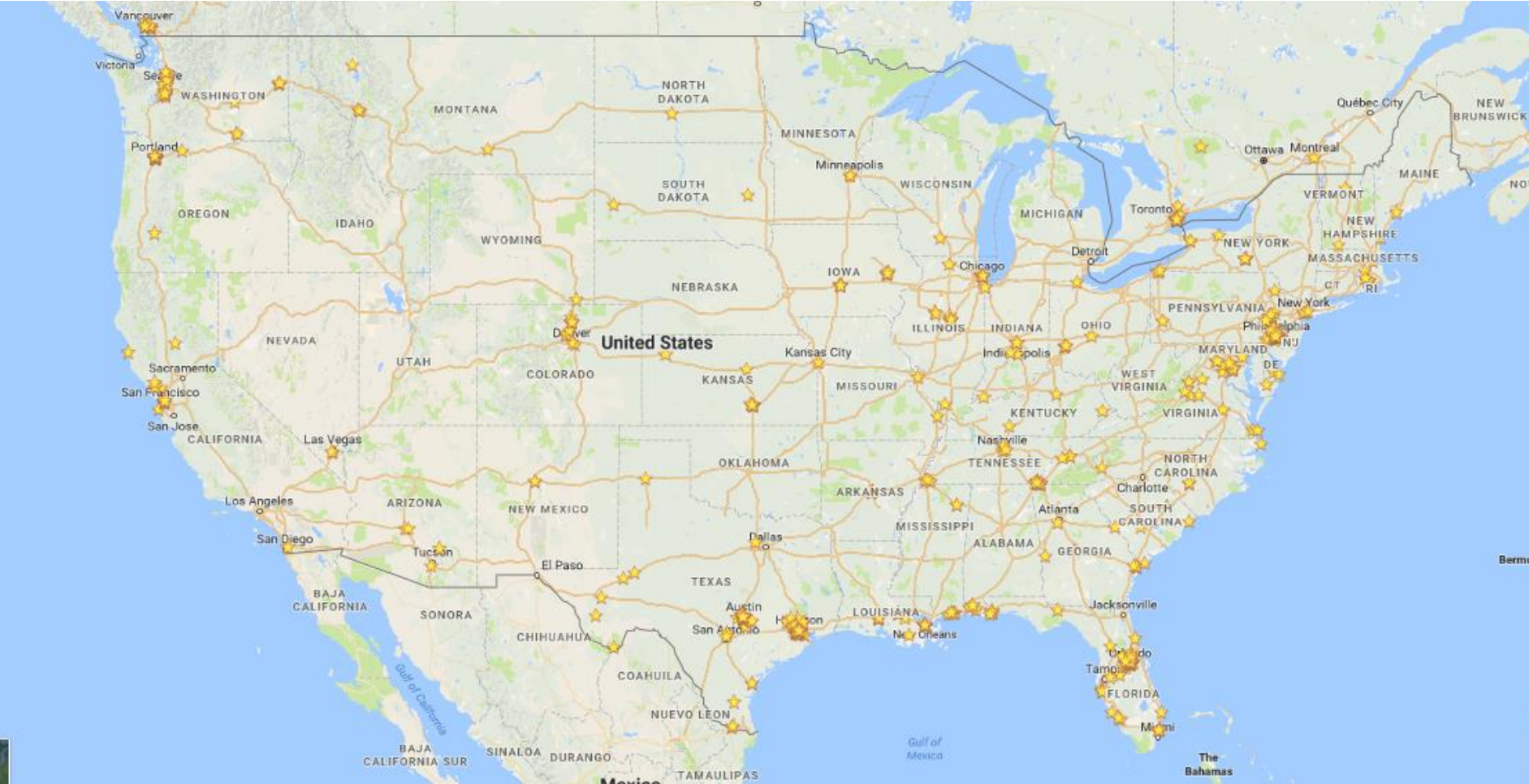
An effective way to see the United States...



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An effective way to see the United States...



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Lafayette, Louisiana

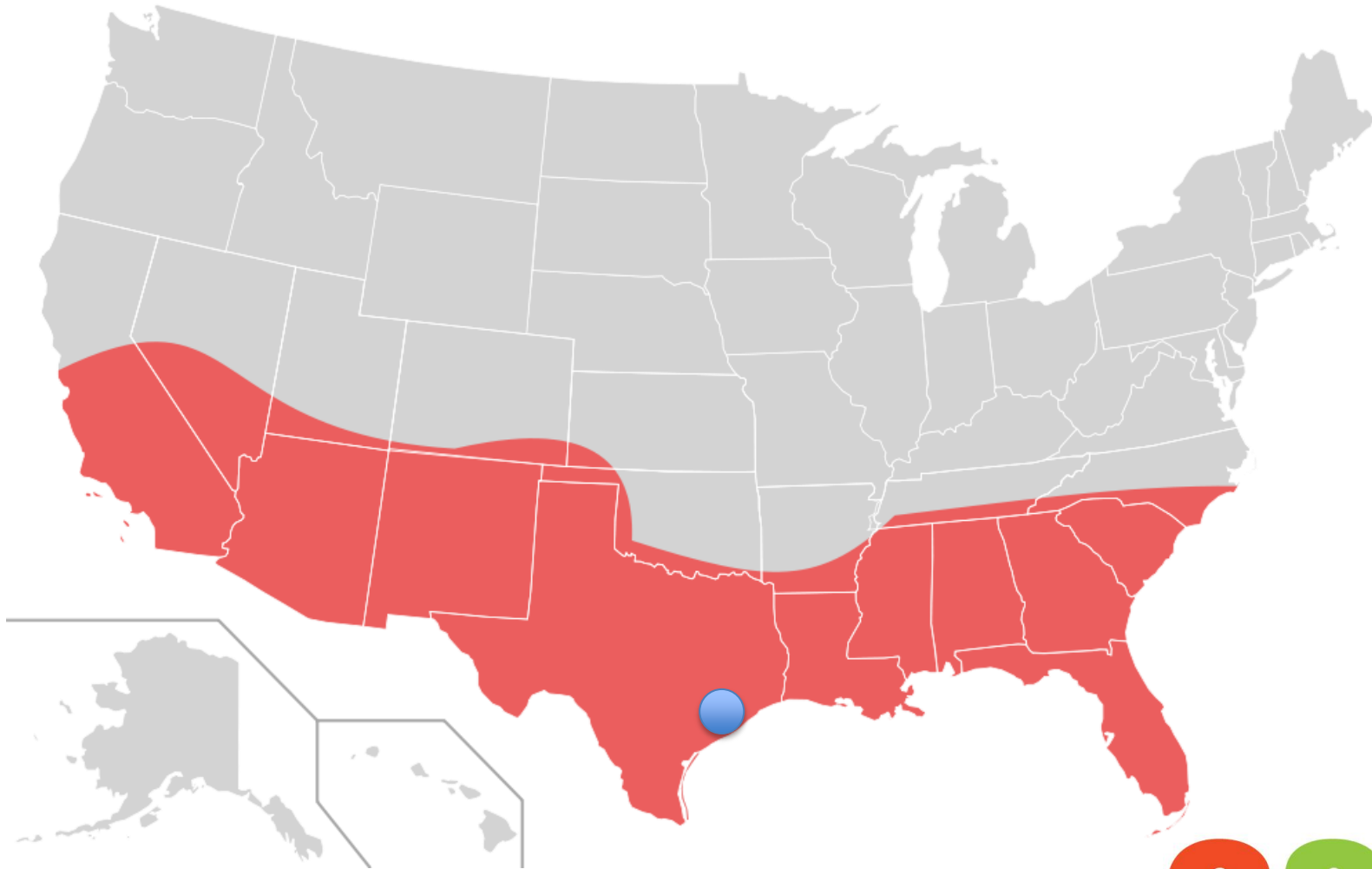


13% of the streets are cul de sacs

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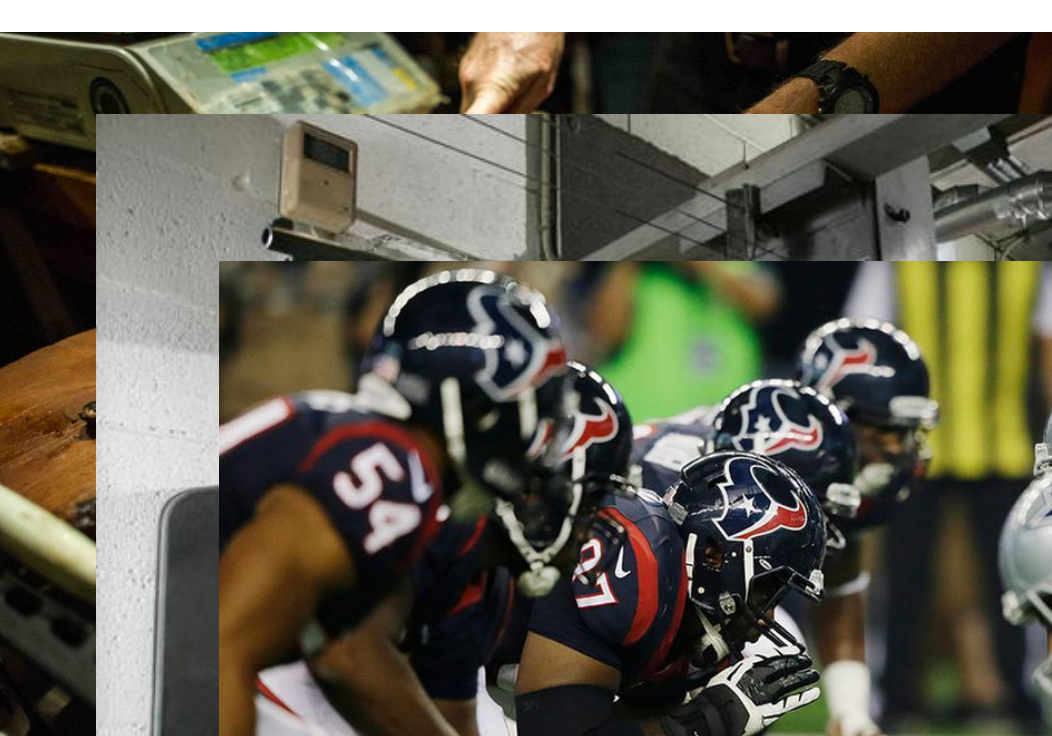
Houston, Texas, the middle of the Sunbelt



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Image source: commons.wikimedia.org





Images: Daniel Krieger, jsonline.com, abc13.com

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Think of this:



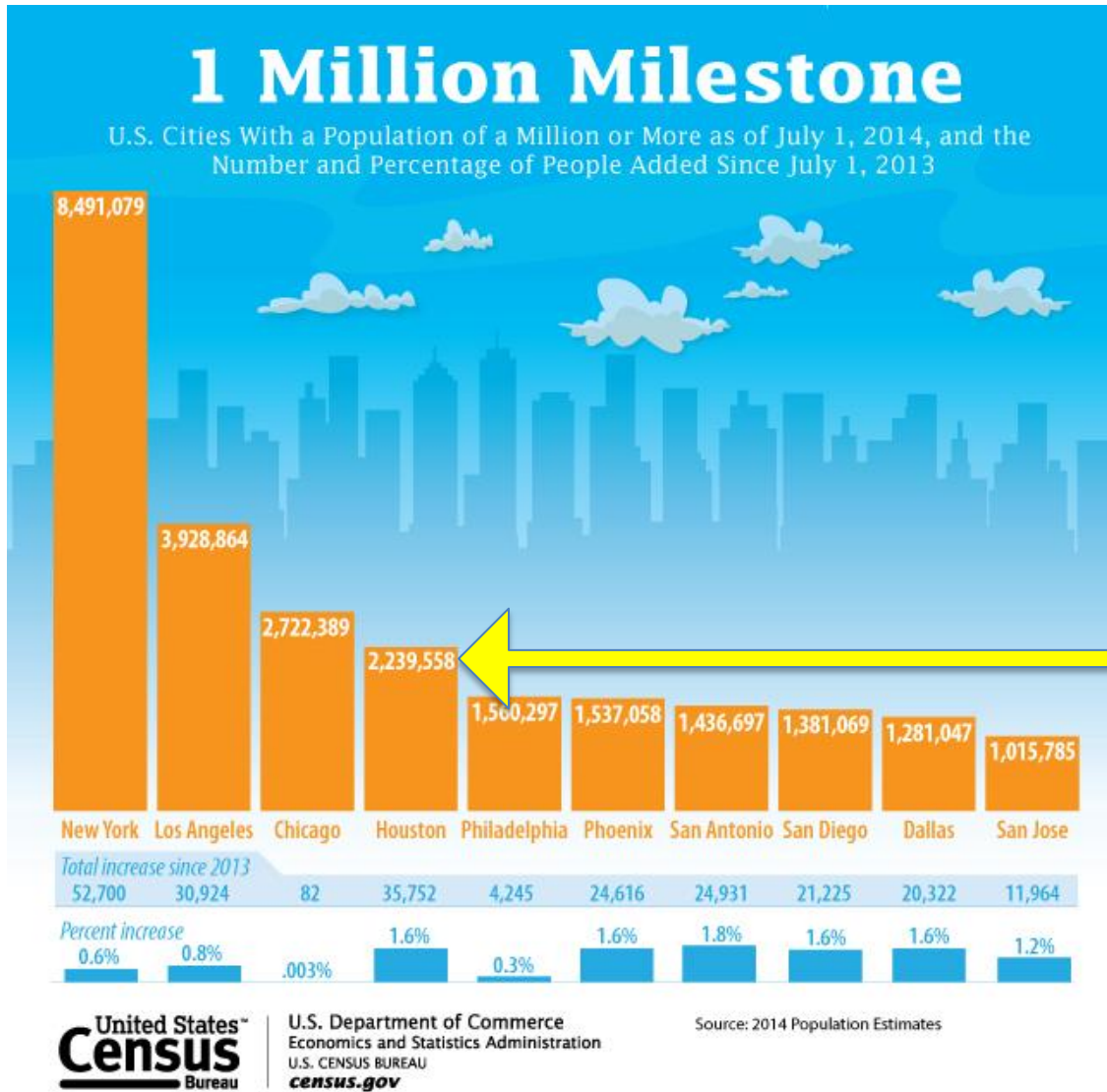
\$3 = €2.67

Image: Emily Fleck

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Why talk about Houston, Texas?



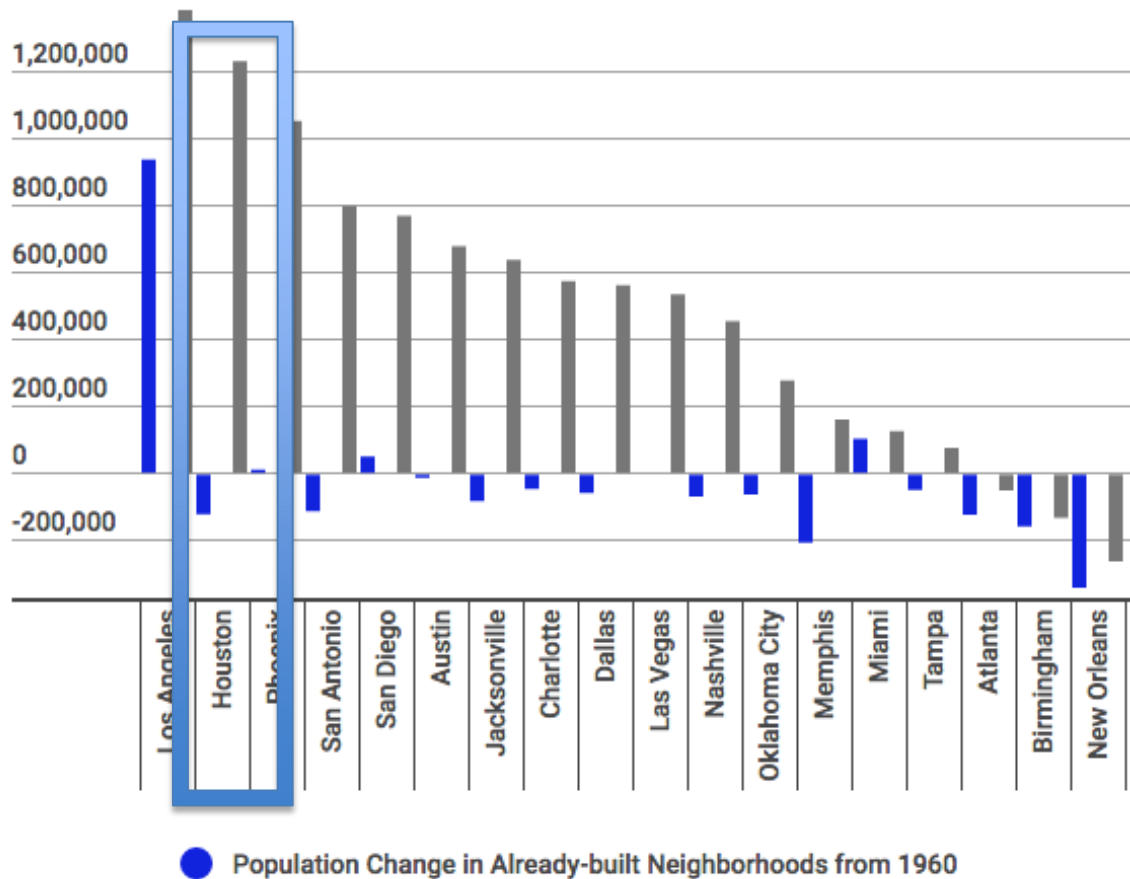
Largest AND fastest-growing city in US

Why Talk about Houston?

“The four largest metro areas in the state — Houston, Dallas, Austin and San Antonio — ‘together added more people last year than any state in the country except for Texas as a whole,’”

Source: Census Bureau via marketwatch.com 21 May 2016

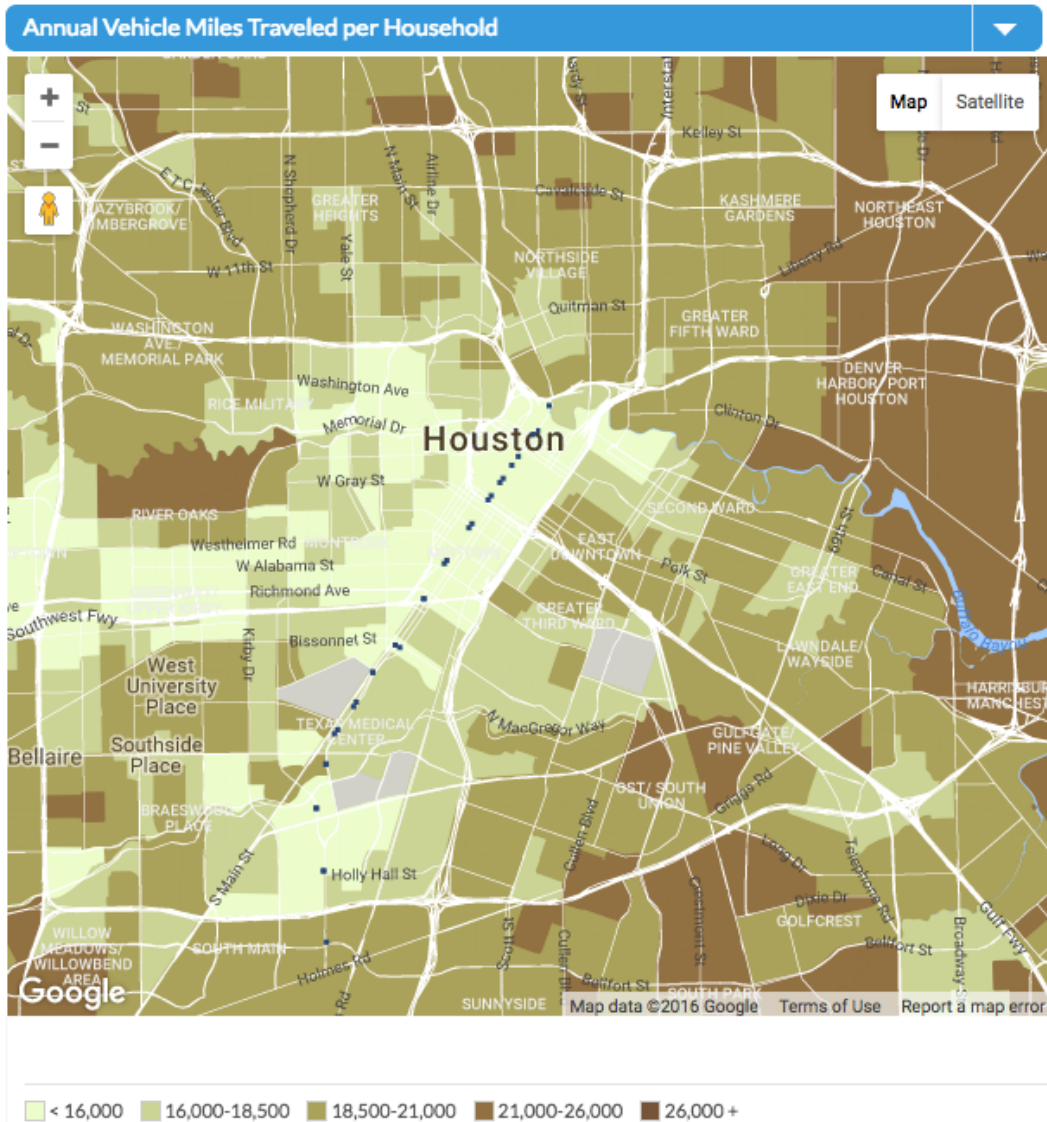
Population Change 1960-2014, Major Sun Belt Cities



The largest portion of the population change is not happening in already-built neighborhoods.

i.e. sprawl

All hope's not lost!



Average US Household
VMT in 2009:

~21,000 miles

Source:

<http://nhts.ornl.gov/2009/pub/stt.pdf>

The tide *IS* turning, slowly but surely





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Image: @dailyoverview on Instagram



Families with Young Children: how can we create the truly useful services they need to become less dependent on their cars, especially if they live in less-dense areas?



How about serving the elderly? The disabled? The impoverished?

Thank you!

Recommended browsing/reading:

thetransportpolitic.com

twitter.com/yfreemark

urbanedge.blogs.rice.edu

citylab.com

dot.gov/beyondtraffic

humantransit.org

nextcity.org

innovativemobility.org

instagram.com/dailyoverview

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