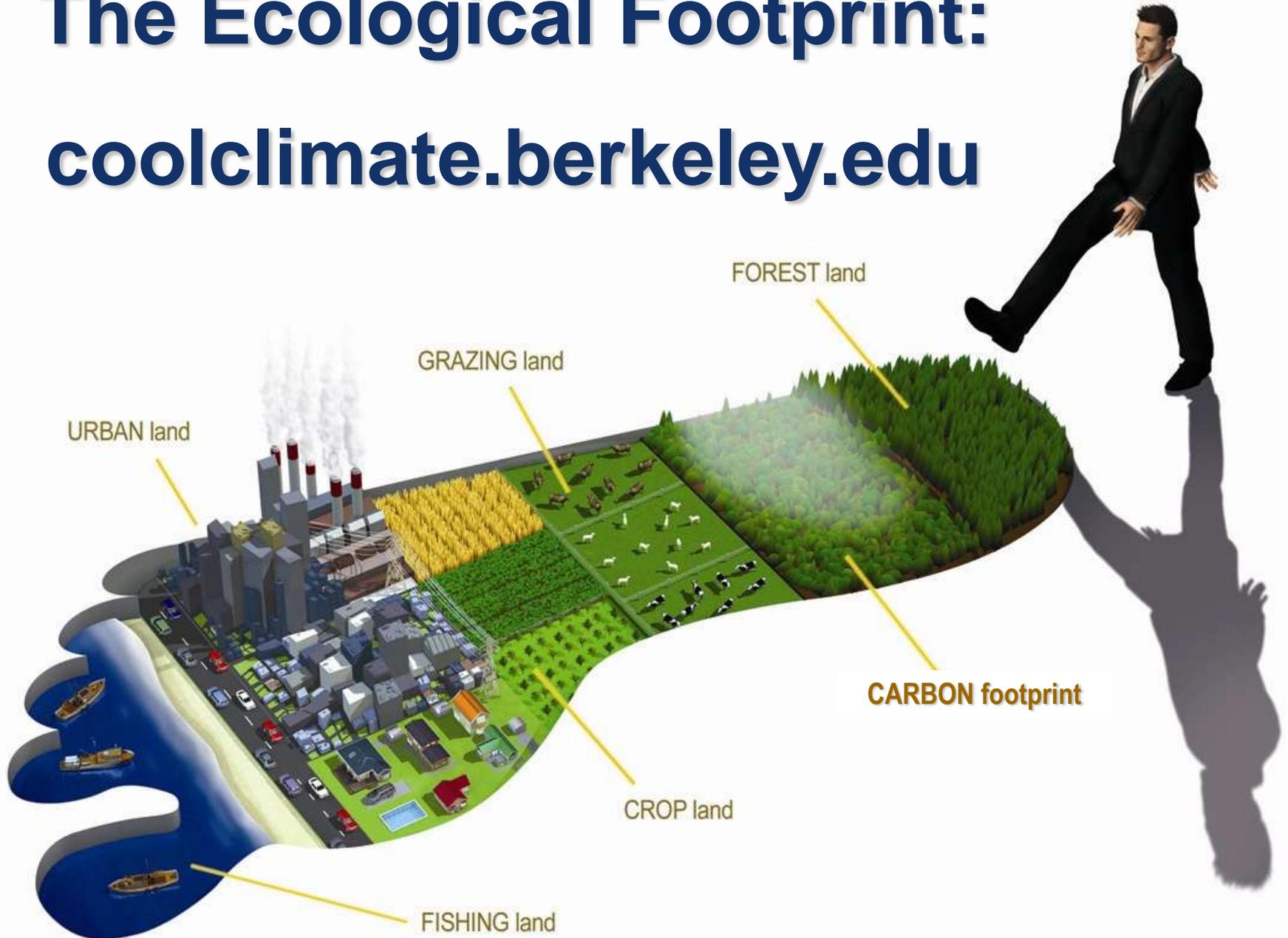

Energy Data and Analysis for Policy Makers

Daniel Kammen

Class of 1935 Distinguished Professor of Energy
Energy and Resources Group | Goldman School of Public Policy
Director, Renewable and Appropriate Energy Laboratory
University of California, Berkeley

The Ecological Footprint:

coolclimate.berkeley.edu



Intro | Travel | Housing | Food | Shopping | Take Action

Start with a quick footprint estimate

Zipcode | City | County | State

California (CA), United States



How Many people live in your household?

Average



What is your gross annual household income?

Average



Total
43.9
tons CO₂/year

The footprint of the average household in California with average size and similar income.

Reset Axis



Intro



Travel



Housing



Food

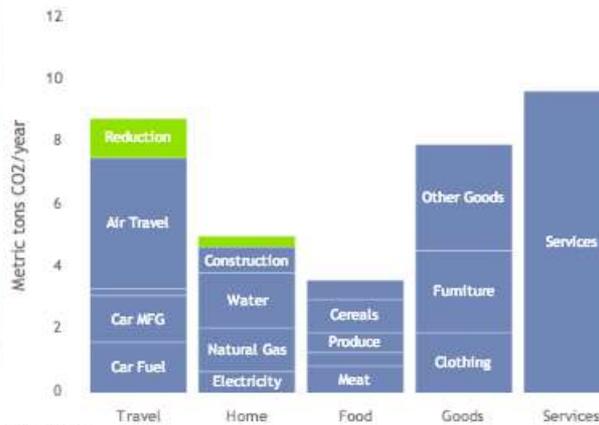


Shopping



Take Action

Build your action plan



Total Reductions

1.6
tons CO₂/year

\$/yr saved: \$706
Upfront cost: \$2030

Total Footprint

33.5
tons CO₂/year



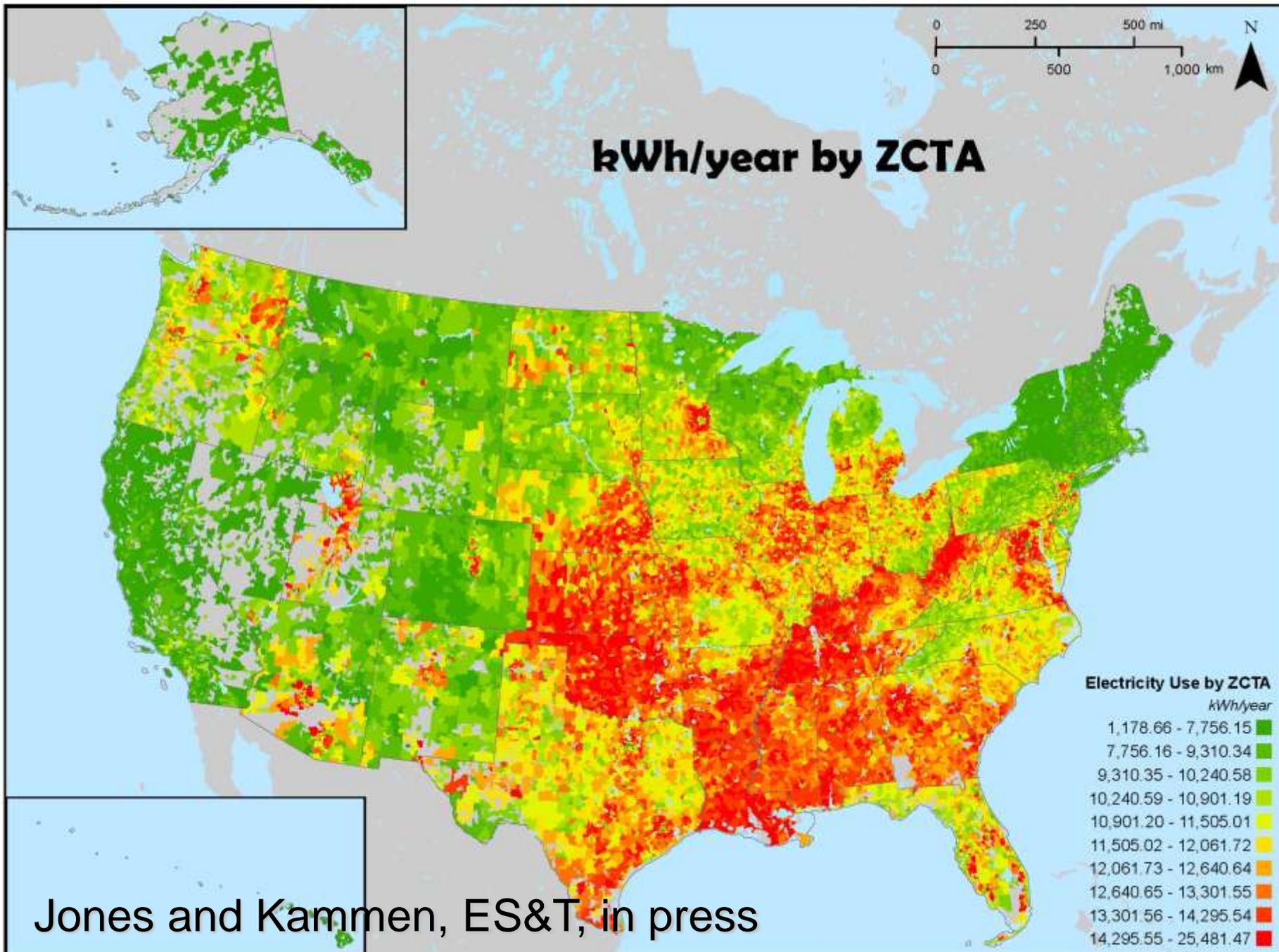
43.6% Better
than the average household in Davis, California with 2 people and similar income.

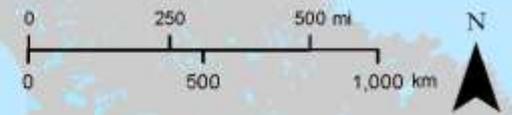
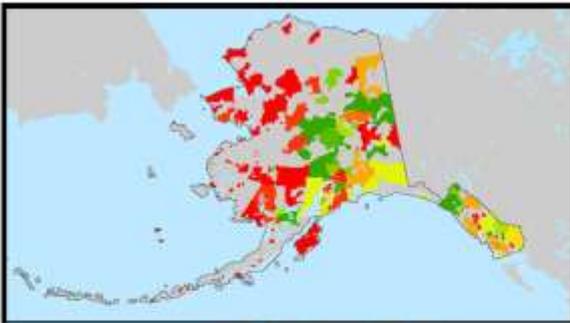
Reset Axis

- Assumptions
- Transportation
- Housing
- Shopping
- Offset

Save to my profile

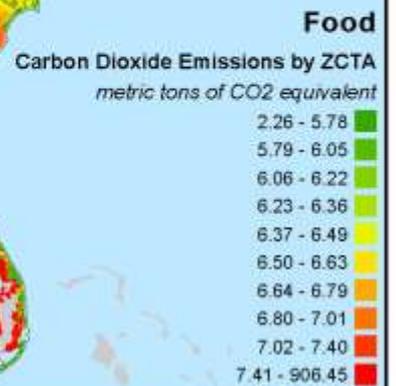
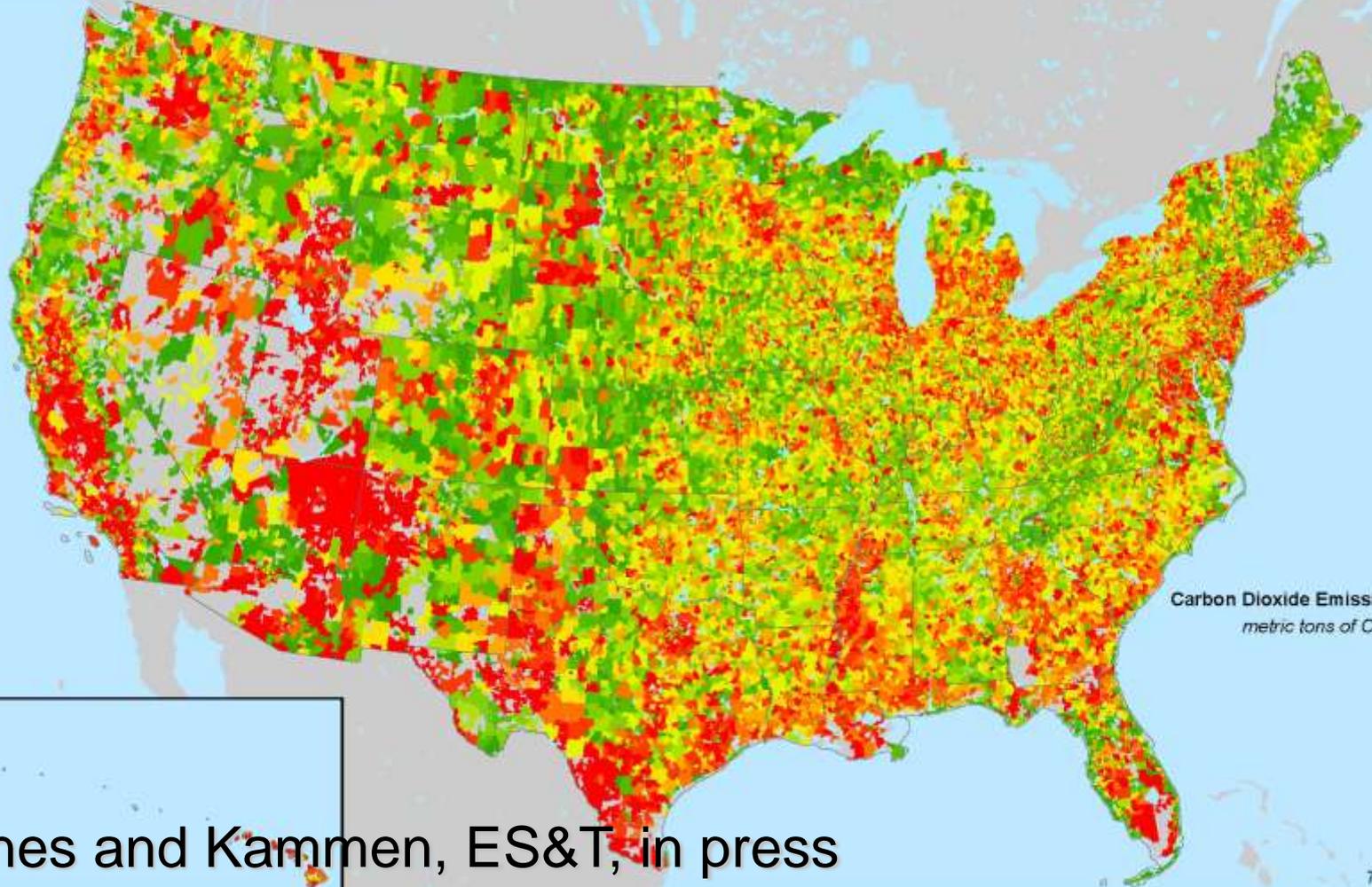
	Category	Tons Saved mtCO ₂ e/yr	Dollars Saved \$/yr	Upfront Cost \$/yr
Pledge	Telecommute to Work	0.61	\$405	\$0
Pledge	Carpool to Work	0.85	\$323	\$0
Pledge	Practice Eco-Driving	0.95	\$256	\$0
Pledge	Maintain My Vehicles	0.75	\$201	\$0
Pledge	Buy a More Efficient Vehicle	0.64	\$171	\$2000
Pledge	Go on a low carbon diet	-0.01	\$97	\$0
Pledge	Reduce Air Travel	0.42	\$94	\$0
Pledge	Ride my Bike	0.33	\$89	\$0
Pledge	Take Public Transportation	0.22	\$89	\$0
Pledge	Line-dry Clothing	0.13	\$76	\$0



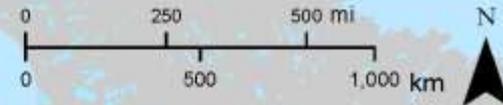
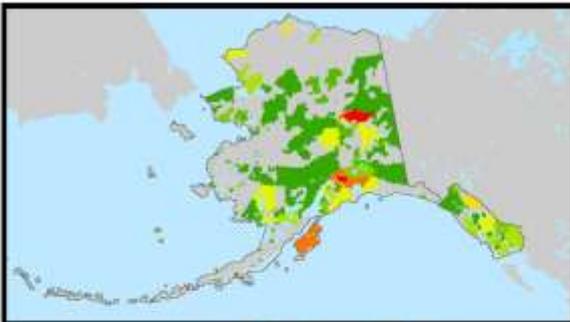


Carbon Dioxide Emissions by ZCTA

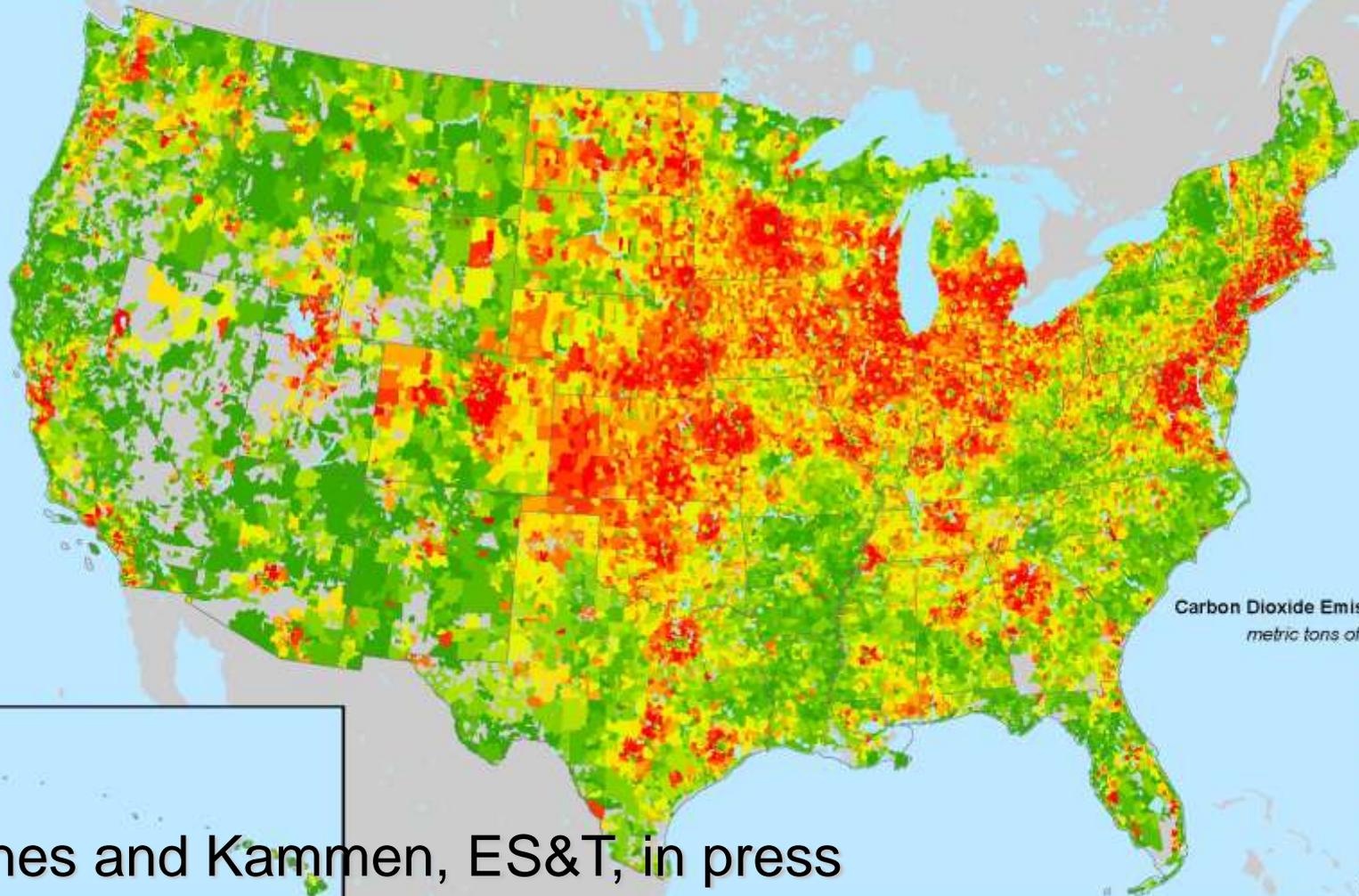
Food



Jones and Kammen, ES&T, in press



Carbon Dioxide Emissions by ZCTA

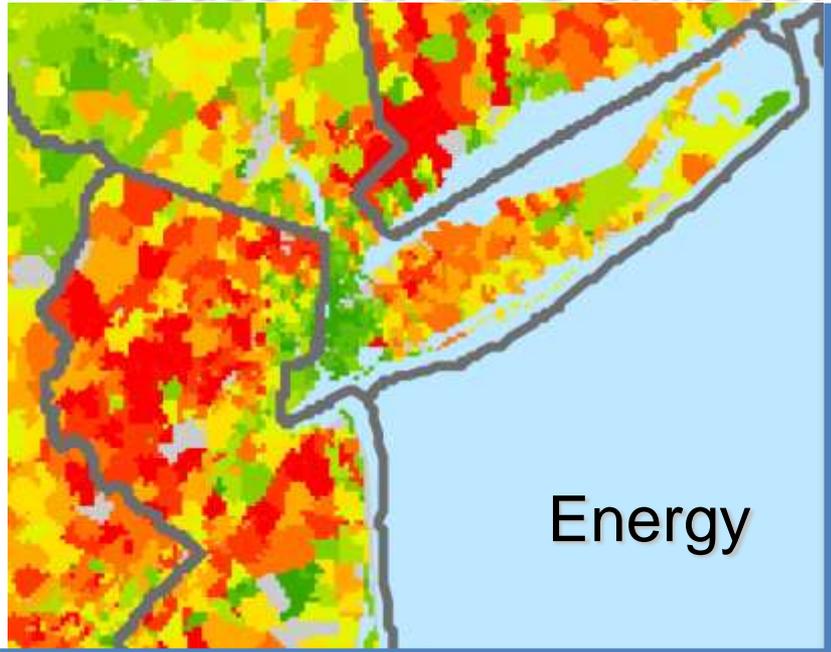


Carbon Dioxide Emissions by ZCTA
metric tons of CO₂ equivalent

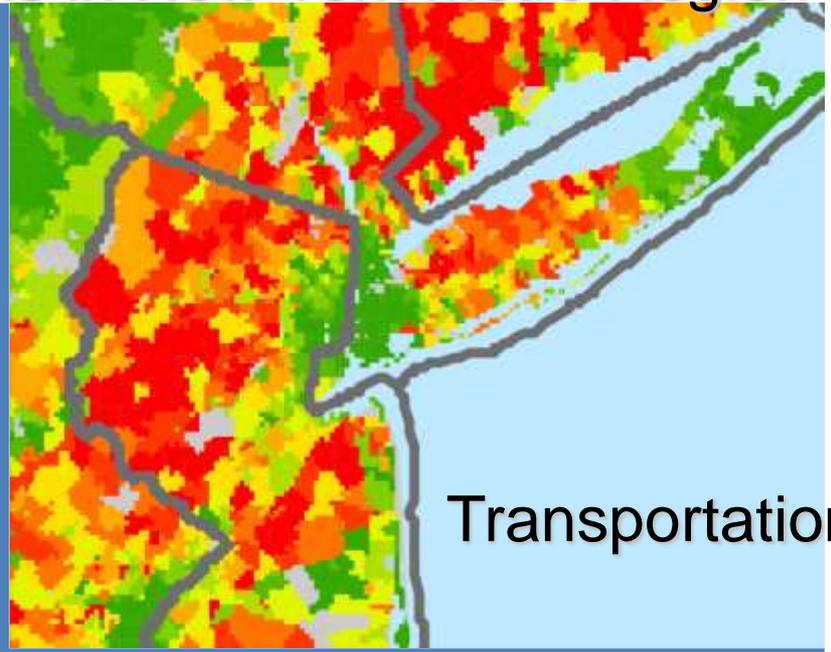
- 18.94 - 39.20
- 39.21 - 41.80
- 41.81 - 43.58
- 43.59 - 45.17
- 45.18 - 46.72
- 46.73 - 48.58
- 48.59 - 50.65
- 50.66 - 53.04
- 53.05 - 56.79
- 56.80 - 932.97

Jones and Kammen, ES&T, in press

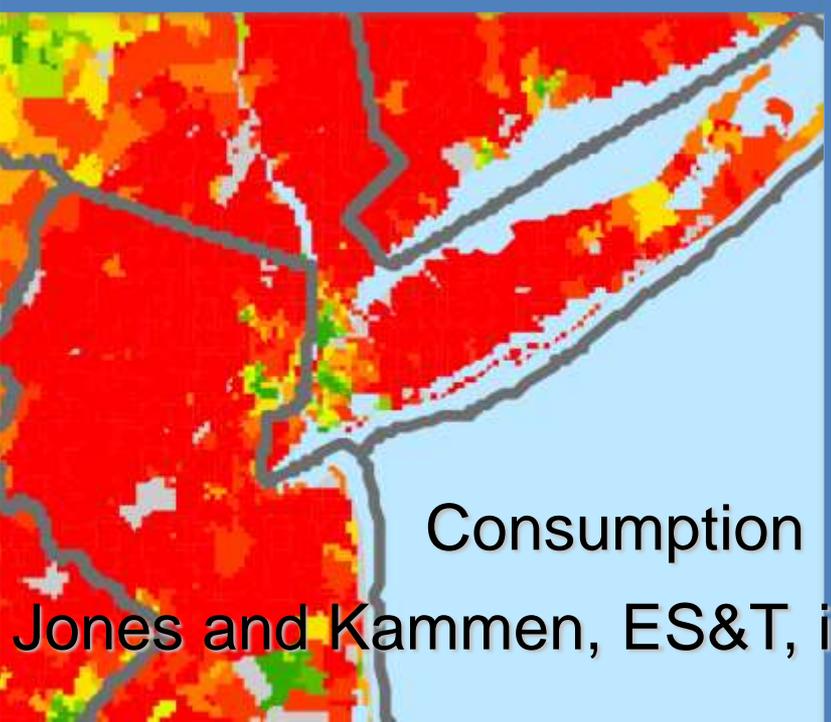
Household GHG emissions in New York Metro Region



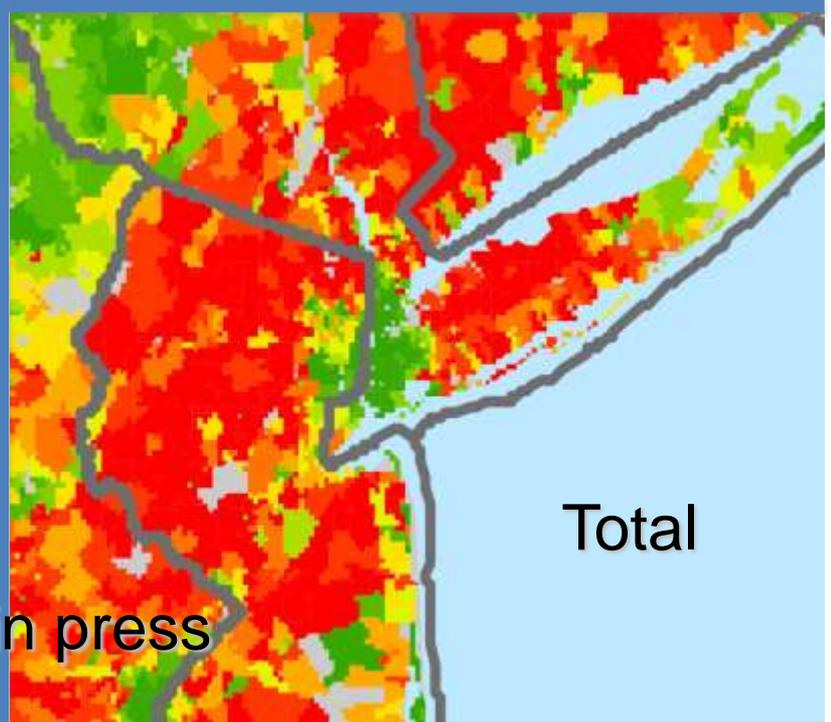
Energy



Transportation



Consumption

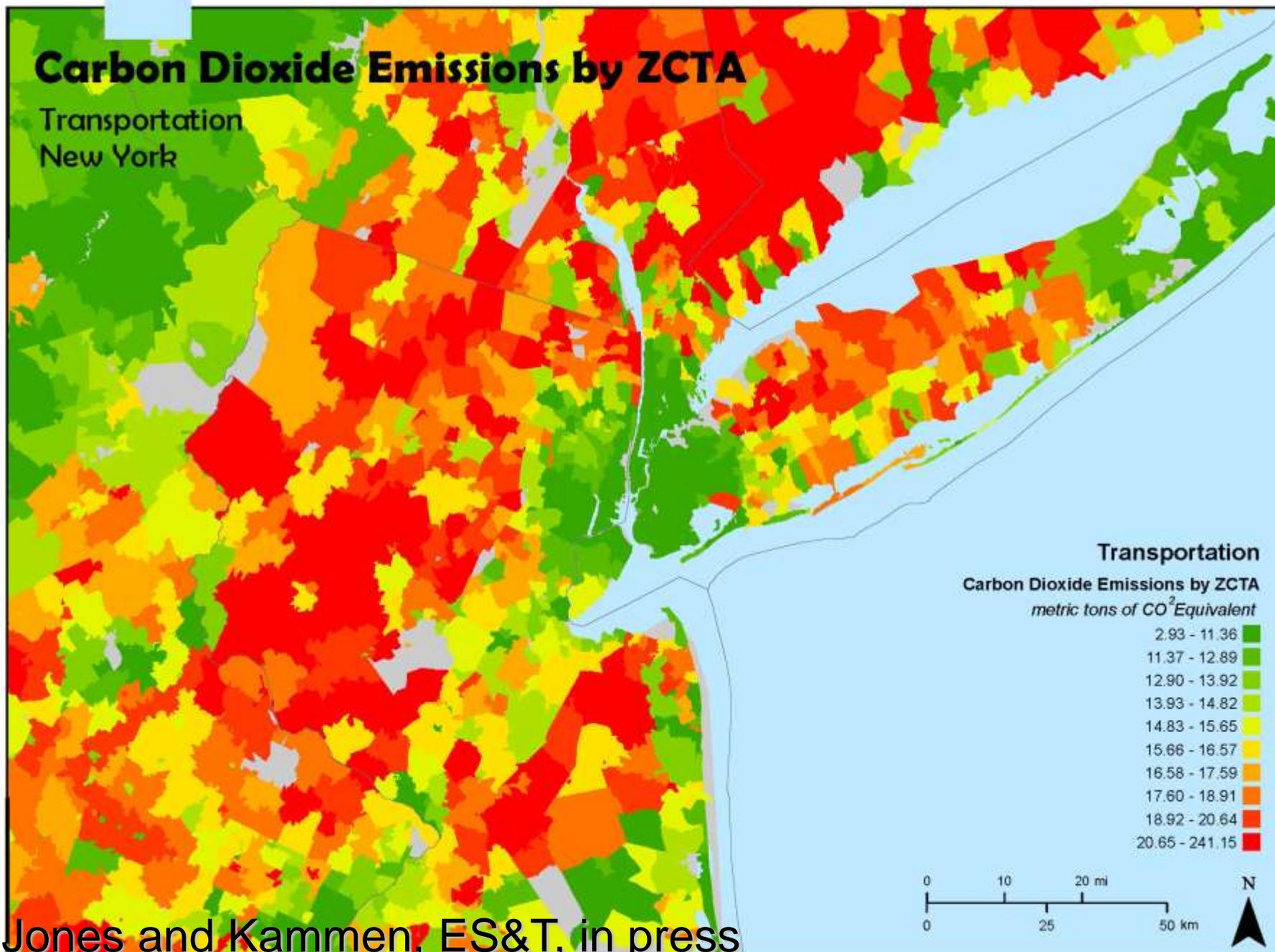


Total

Jones and Kammen, ES&T, in press

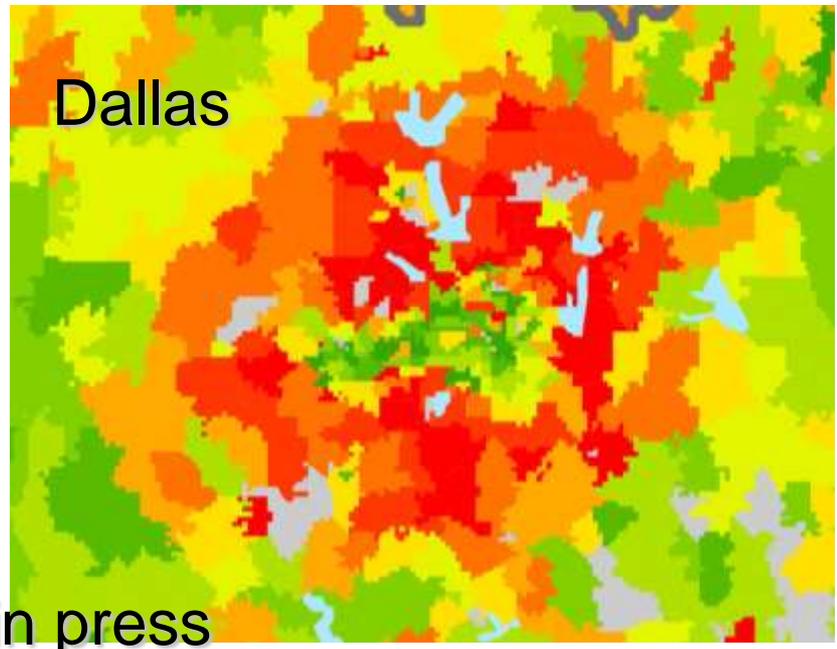
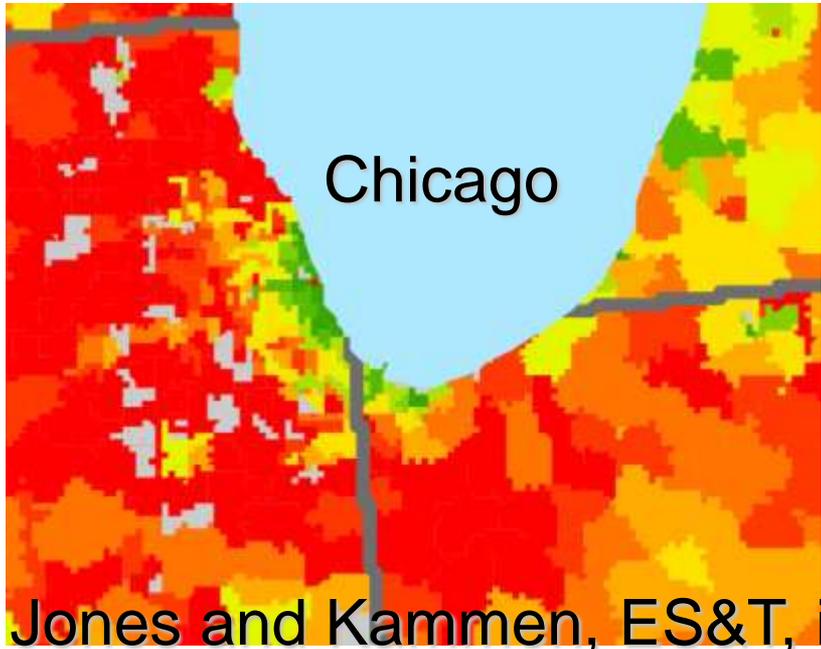
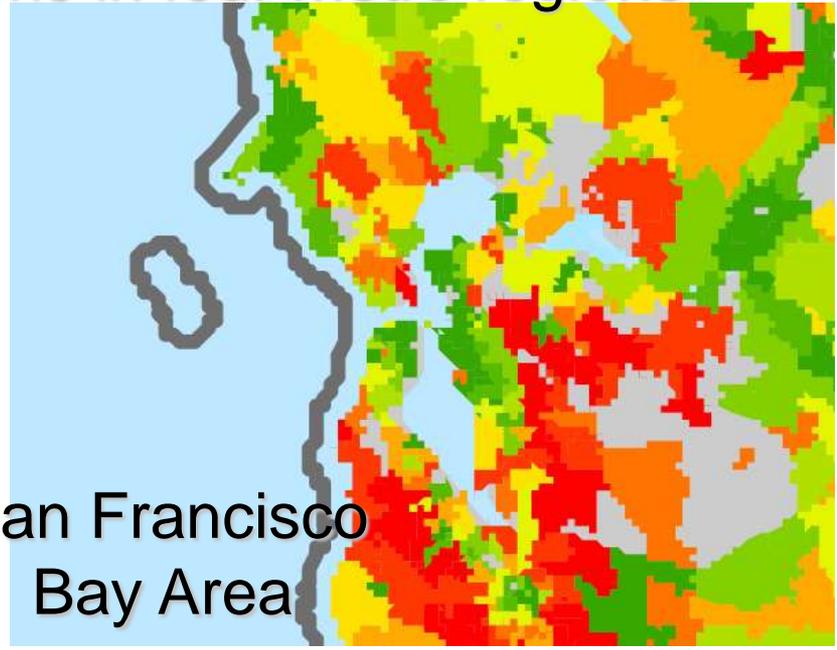
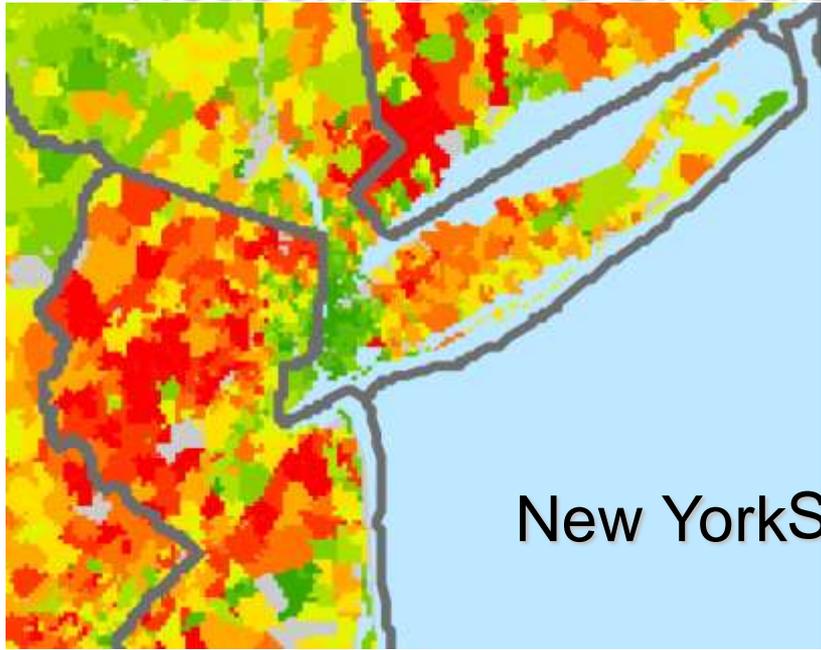
Carbon Dioxide Emissions by ZCTA

Transportation
New York



Jones and Kammen, ES&T, in press

Household GHG emissions in four metro regions



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- Carbon footprint and greenhouse gas emissions calculation tools
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