

Earth at Night  
More information available at:  
<http://antwrp.gsfc.nasa.gov/apod/ap001127.html>

Astronomy Picture of the Day  
2000 November 27  
<http://antwrp.gsfc.nasa.gov/apod/astropix.html>

# Time Use and Its Implications for Energy and Climate

Joe Kantenbacher • UC Berkeley  
BECC Conference • December 8, 2014



# Daily Activity Categories

Sleep

Internal Edification

Eat/Drink

Personal Care

Cleaning

Care for others

Shopping

Household maintenance

Education

Socializing (at home)

Culture

Socializing (away)

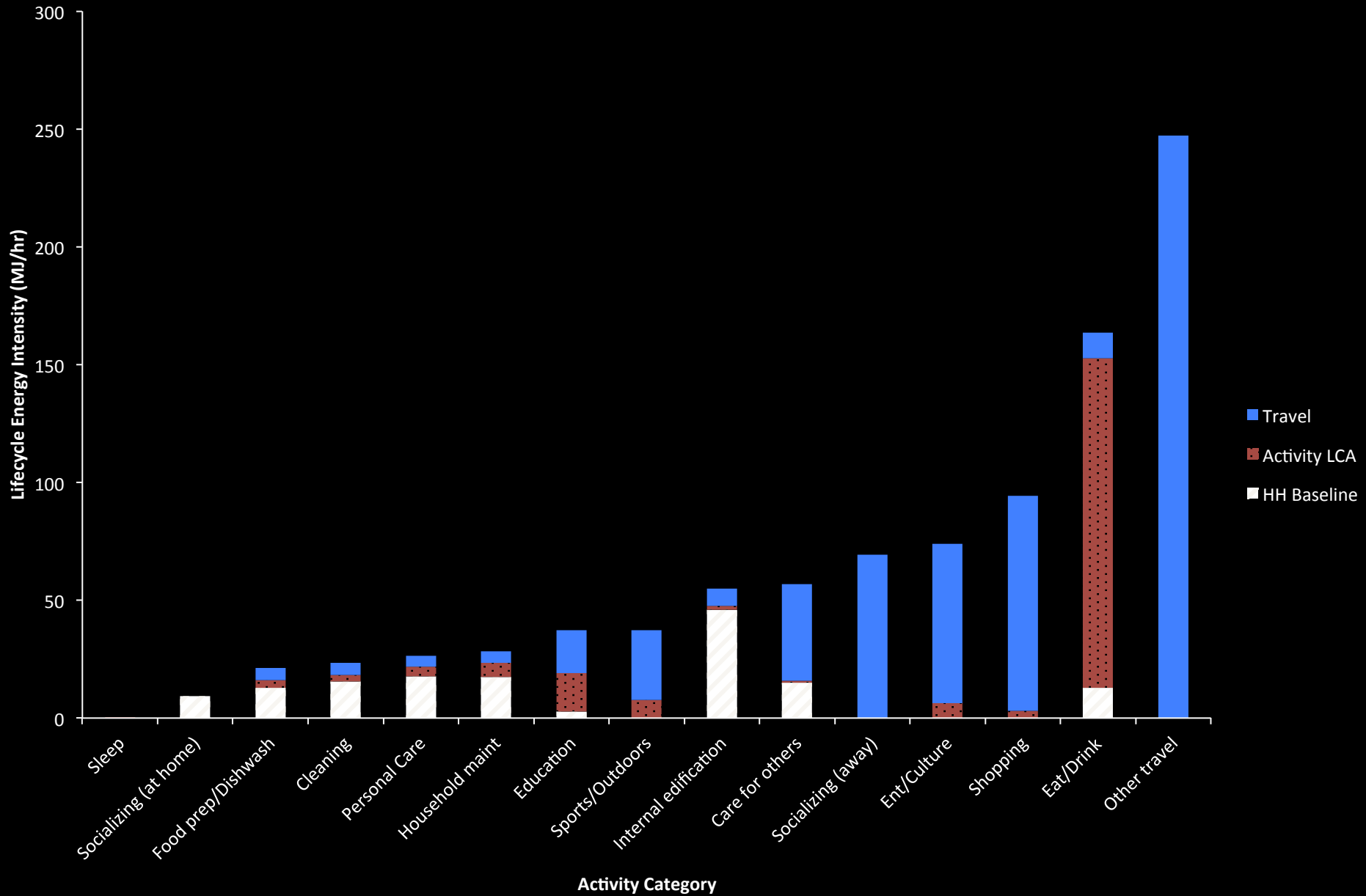
Sports/Outdoor

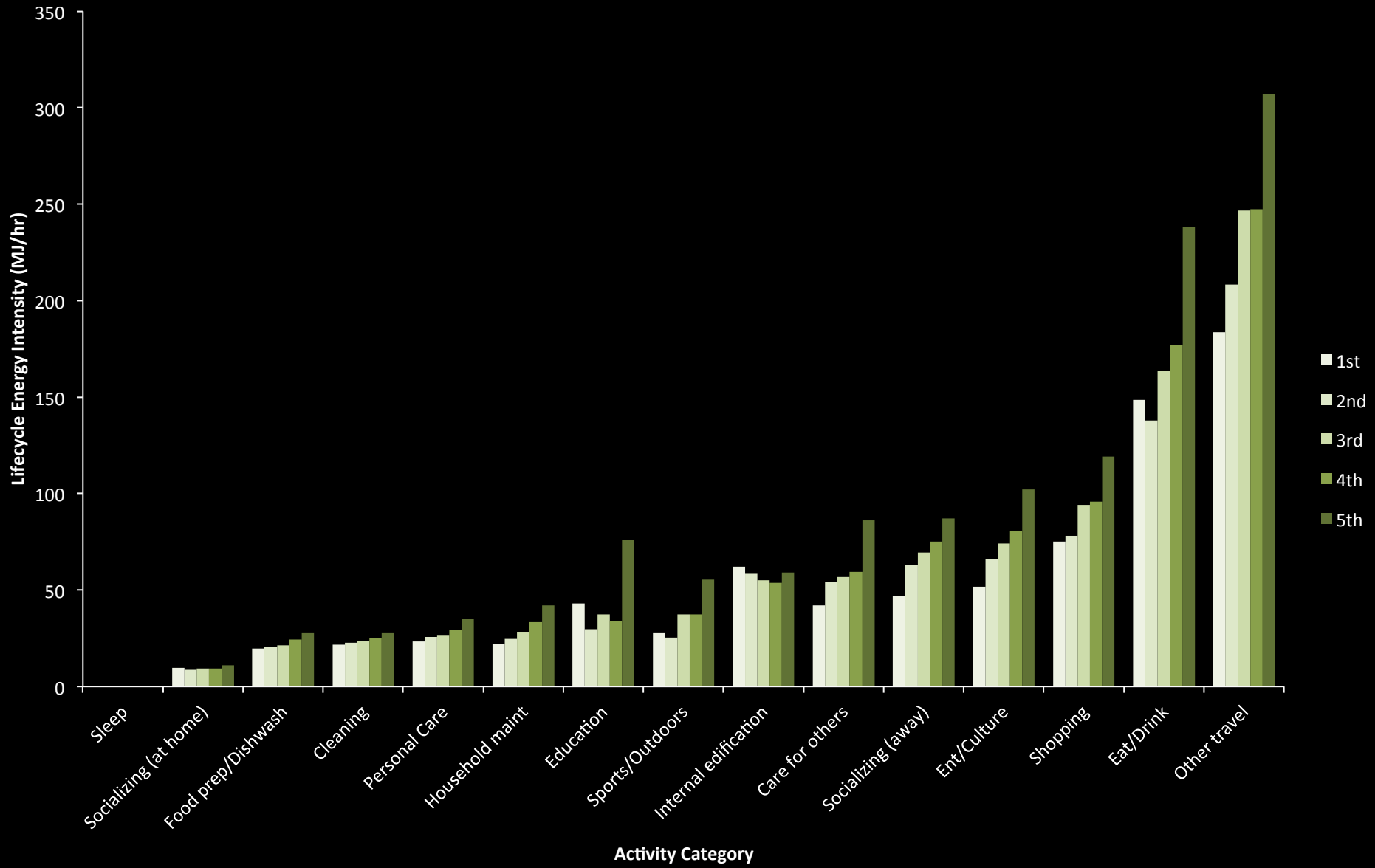
Non-work travel

Food prep/Dishwashing

$$\left(\frac{\textit{hour}}{\textit{day}}\right)^{-1} \left(\frac{\$}{\textit{day}}\right) \left(\frac{\textit{MJ}}{\$}\right) = \frac{\textit{MJ}}{\textit{hour}}$$

Activity Category	Average Daily Time (min/day)
Sleep	529
Internal edification	250
Other travel	74
Eat/Drink	69
Personal Care	46
Care for others	42
Household maintenance	42
Cleaning	39
Food prep/Dishwashing	36
Shopping	25
Socializing (at home)	24
Socializing (away)	24
Sports/Outdoors	21
Education	15
Culture	6









# Thank you!

Joe Kantenbacher

kantenbacher@berkeley.edu

# Bonus Slides

