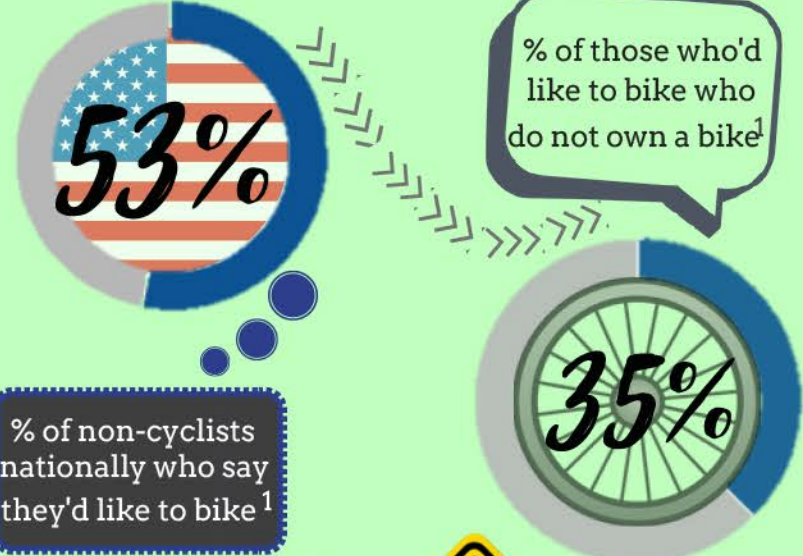


Ithaca's Biking Barriers

A SUMMARY OF 8 MOSTLY LOCAL SURVEYS & STUDIES THAT HIGHLIGHT 3 REASONS WHY LOCAL RESIDENTS DON'T RIDE MORE

BIKE OWNERSHIP

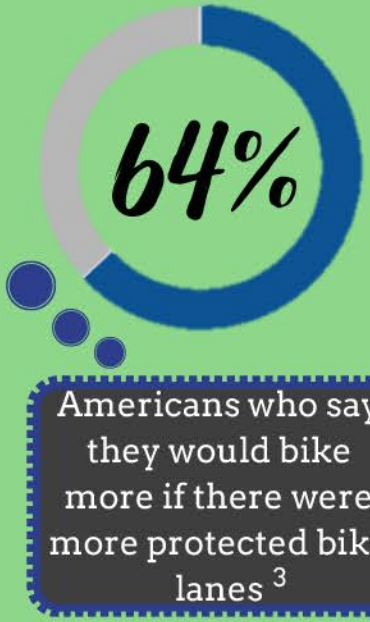


Some Solutions?

- 1. Support Community bike shops.
- 2. Bike share Program

FREE AND REDUCED COST BIKES & REPAIR

SAFETY



"We don't feel safe riding in traffic without bike lanes"
 --Safety was the only concern mentioned in all eight surveys and studies reviewed⁴

Too much traffic (75%) & too fast traffic (70%) were the top two problems reported by parents for their child to walk or bike to school⁵

Some Solutions?

- 1. Comprehensive network of bike lanes and paths
- 2. Traffic calming
- 3. Enforcement of traffic safety

WEATHER & TERRAIN



While weather & terrain were reported as barriers to biking in many local surveys, SAFETY remained the major concern⁵

Compared to more experienced cyclists, less experienced cyclists are **3X** more affected by **inclines**, **2X** more by the presence of **traffic**, **2.4X** more by **rain**, and **4X** more by **snow**⁶

Some Solutions?

- 1. Bike Education
- 2. Bike Lane Maintenance

References:
 1. US Bicycling Benchmark Report, People For Bikes (2015)
 2. Census (2010)
 3. Bike to Work and School 2014, Way2Go
 4. Beers & Karne, Biking Barriers in Ithaca and Tompkins County (2016)
 5. Safe Routes to School, City of Ithaca (2013)
 6. Data Collection and Econometric Analysis of the Demand for Non-Motorized Transportation, Danzino & Motoaki (2014)



We can do this Ithaca! Take heart from another small, cold, hilly city in the Northeast, Burlington, VT!

