

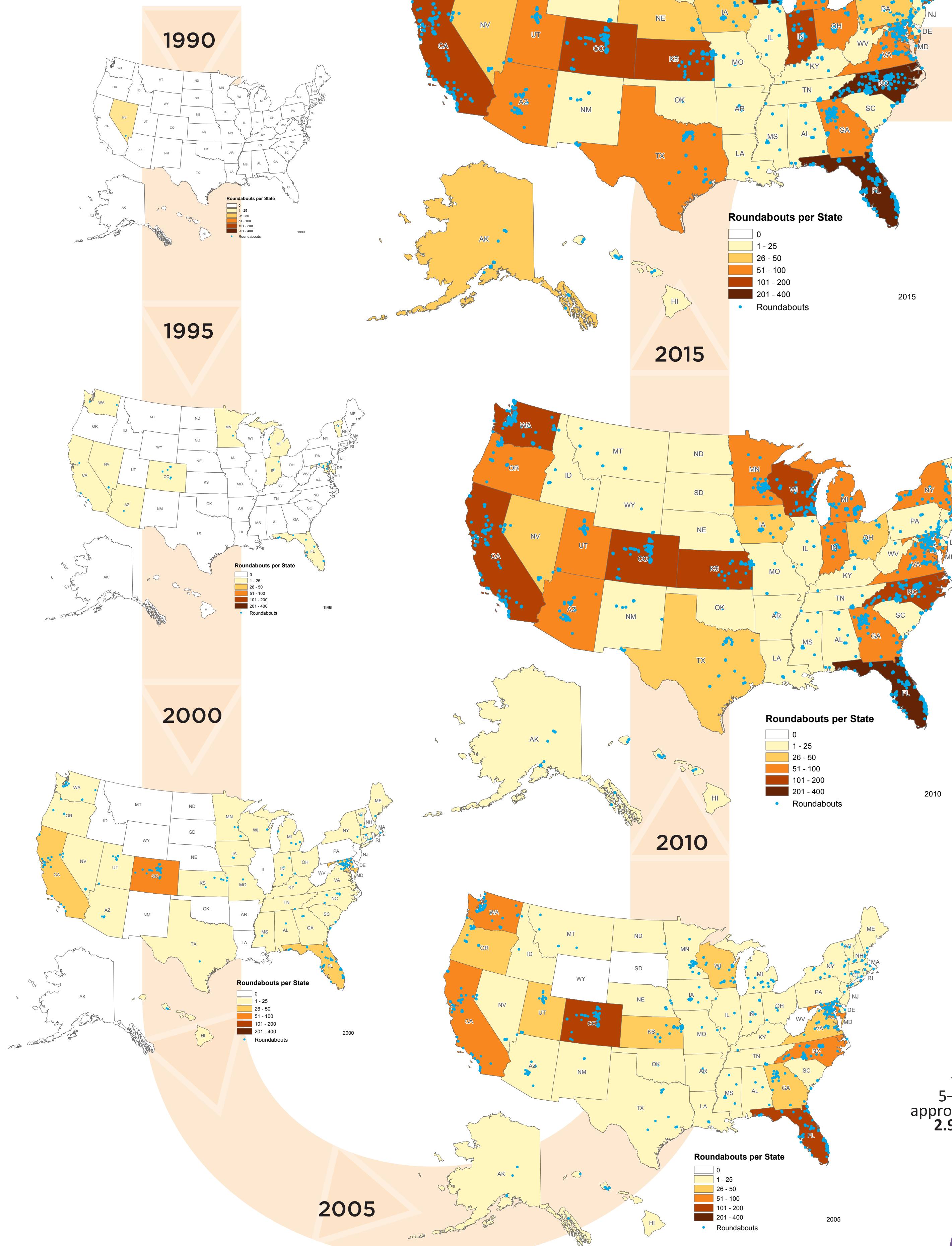
# Status of Roundabouts in North America, 2017 Edition

A Snapshot of the Online Database at [roundabouts.kittelson.com](http://roundabouts.kittelson.com)

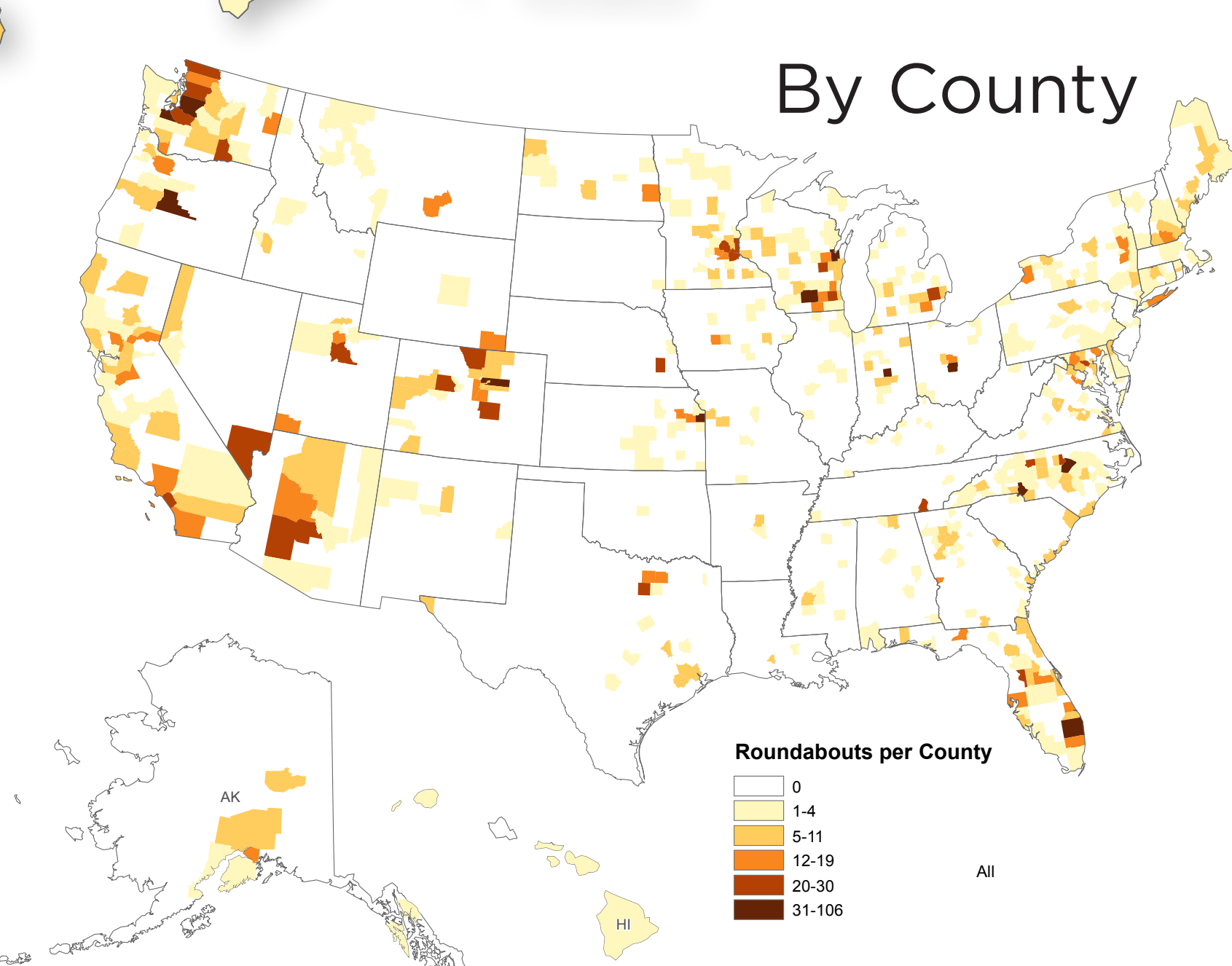
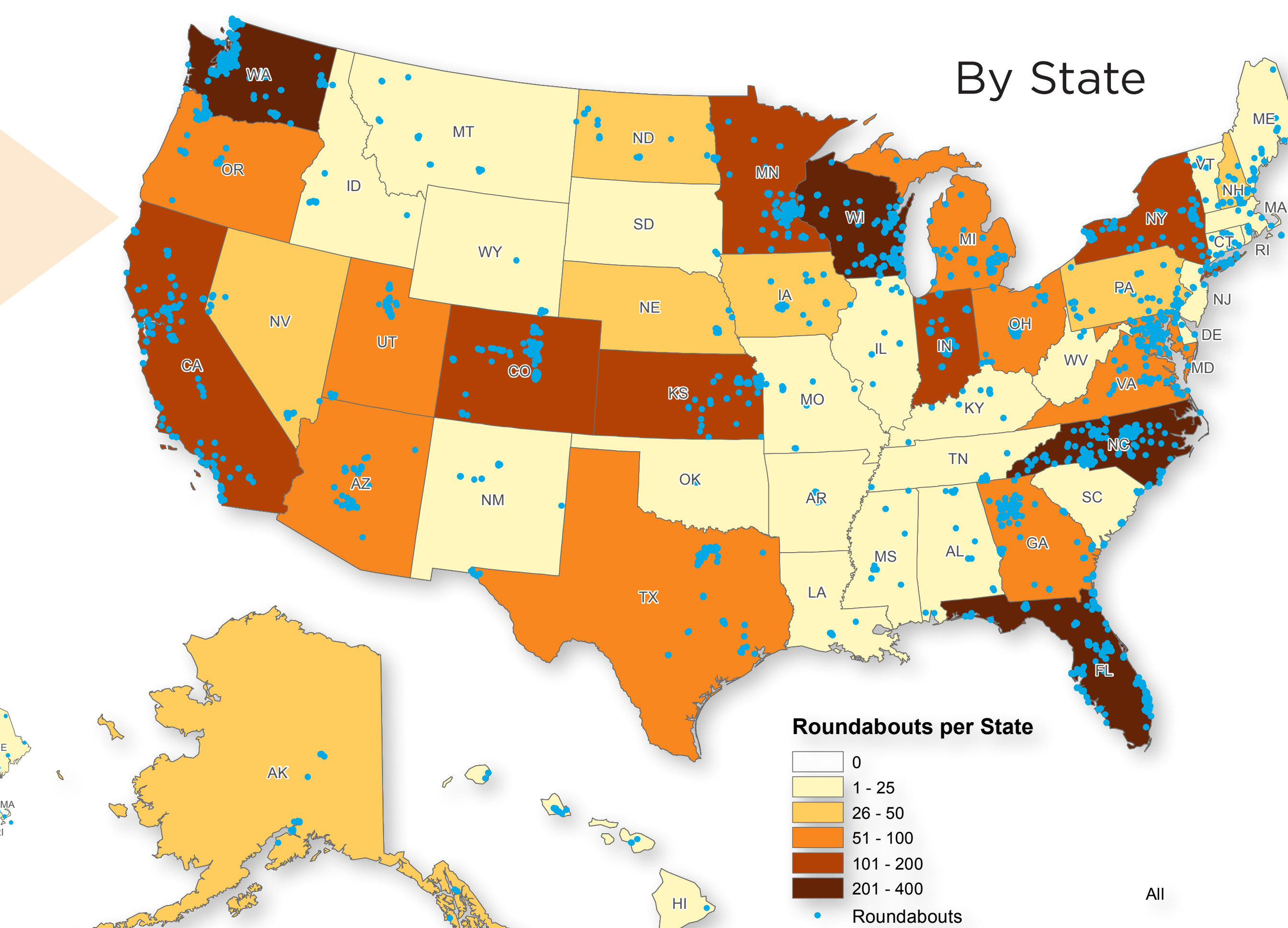
Maintained voluntarily on behalf of the TRB Committee on Roundabouts

Credits- Data sources: Everyone (Thank you!)  
 Database programming: Ian Cameron  
 Quality control team: Lee Rodegerdts, Pete Jenior, Matt Kittelson, Scott Beaird  
 Analysis: Lee Rodegerdts  
 GIS graphics: Jon Sommerville  
 Poster layout: Ralph Bentley

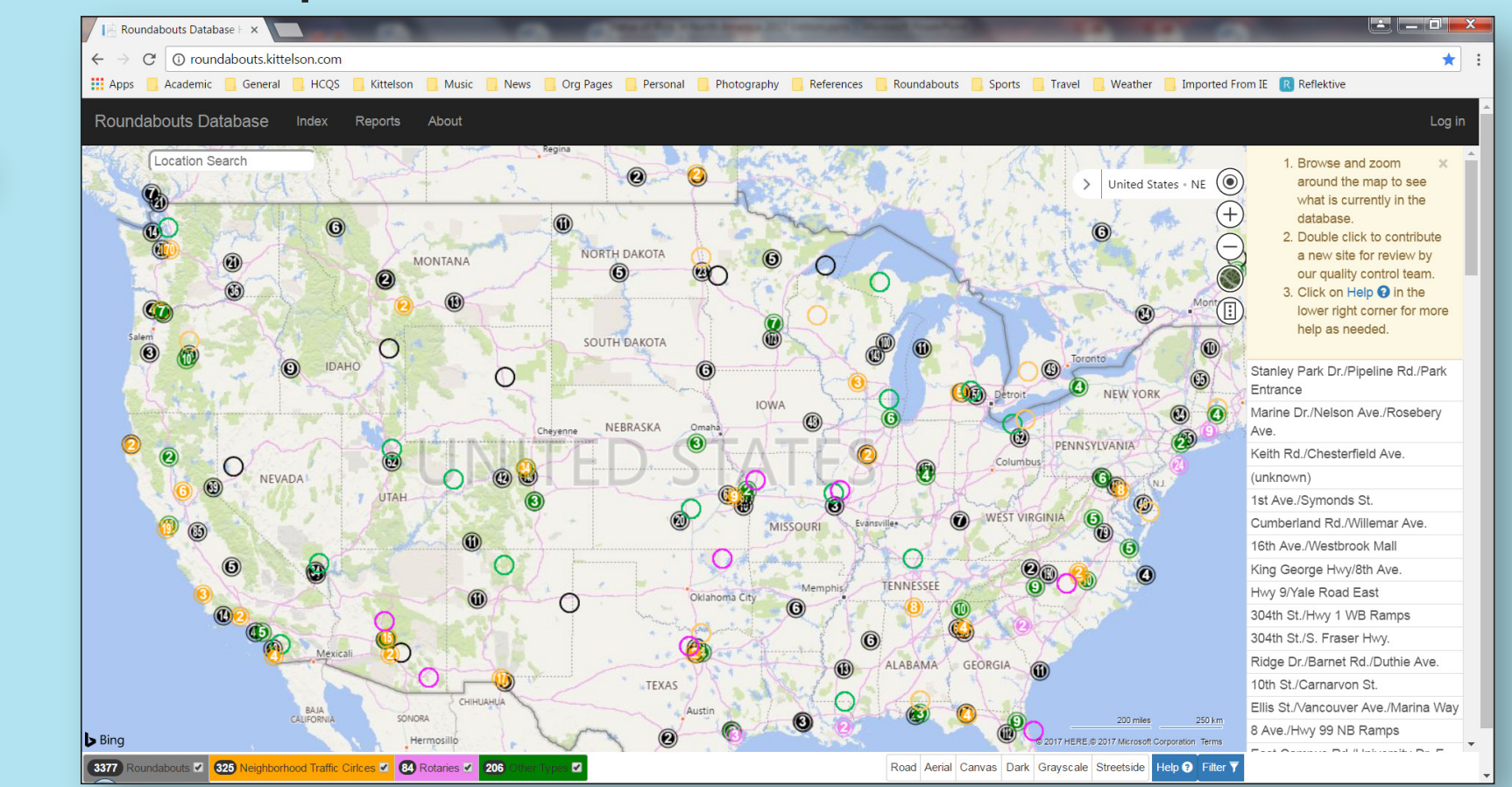
## Growth over Time



## Known Roundabouts in the U.S.

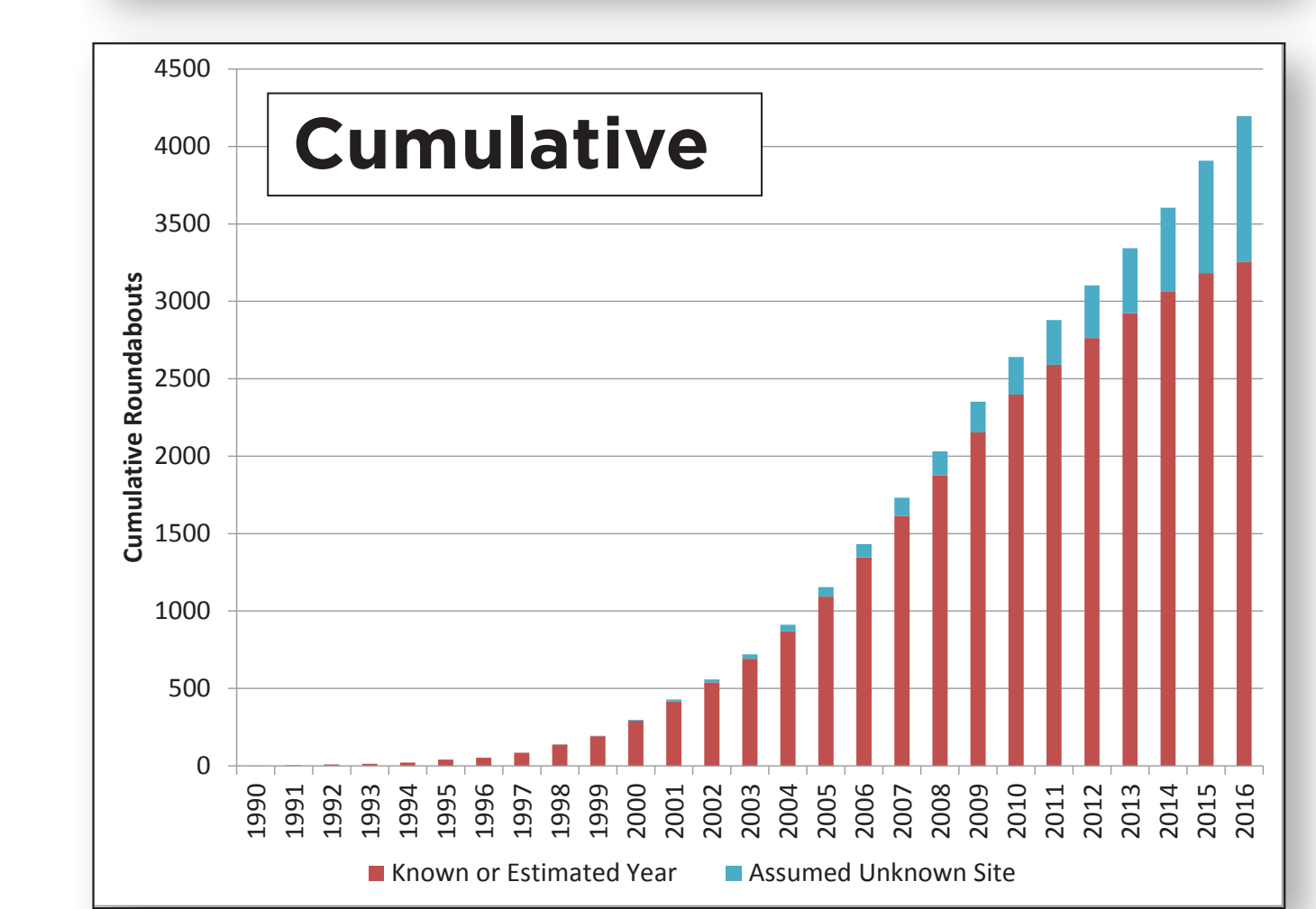
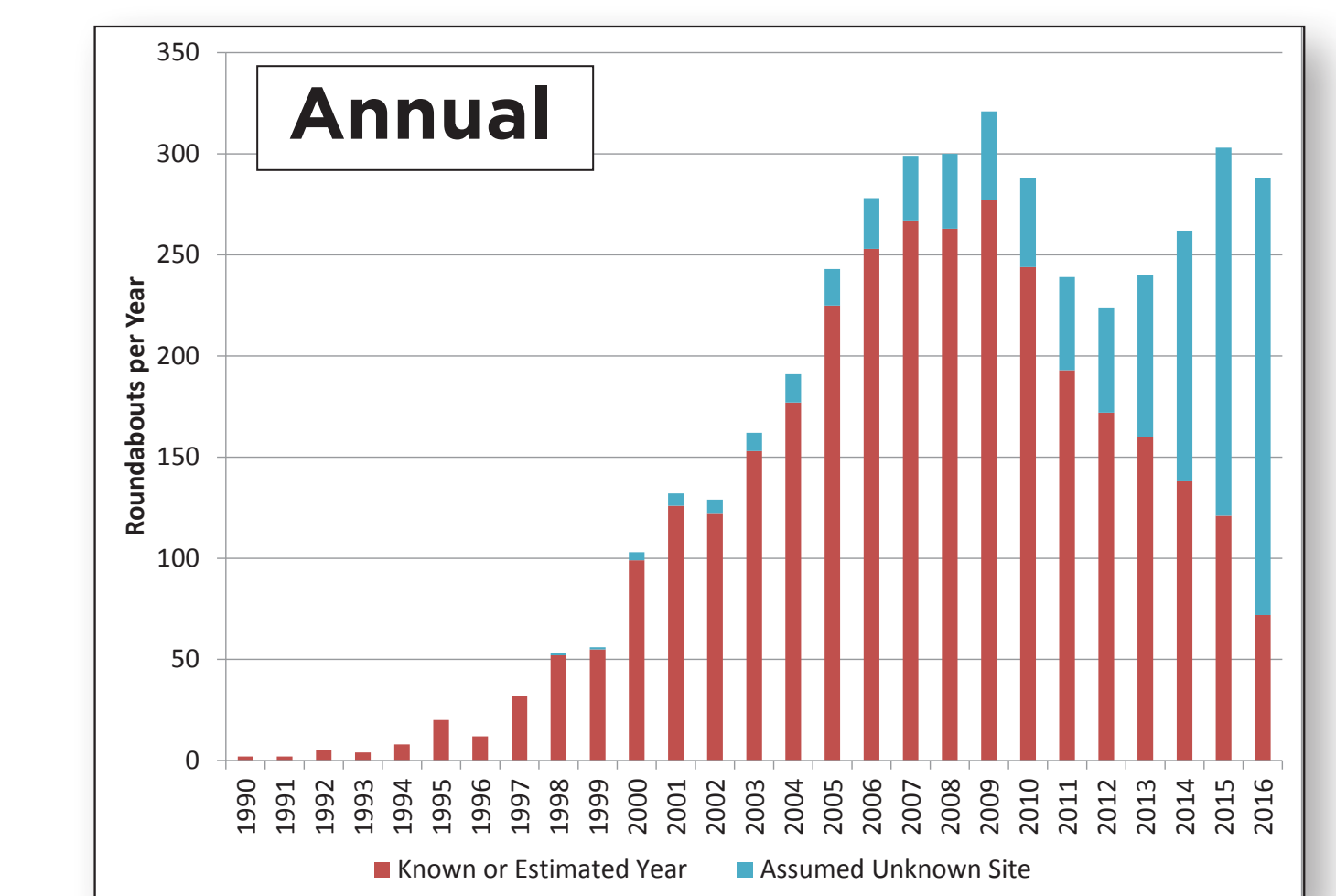


New Website - Please Help Us Keep This Database Current!



[roundabouts.kittelson.com](http://roundabouts.kittelson.com)

## Analysis and Methodology

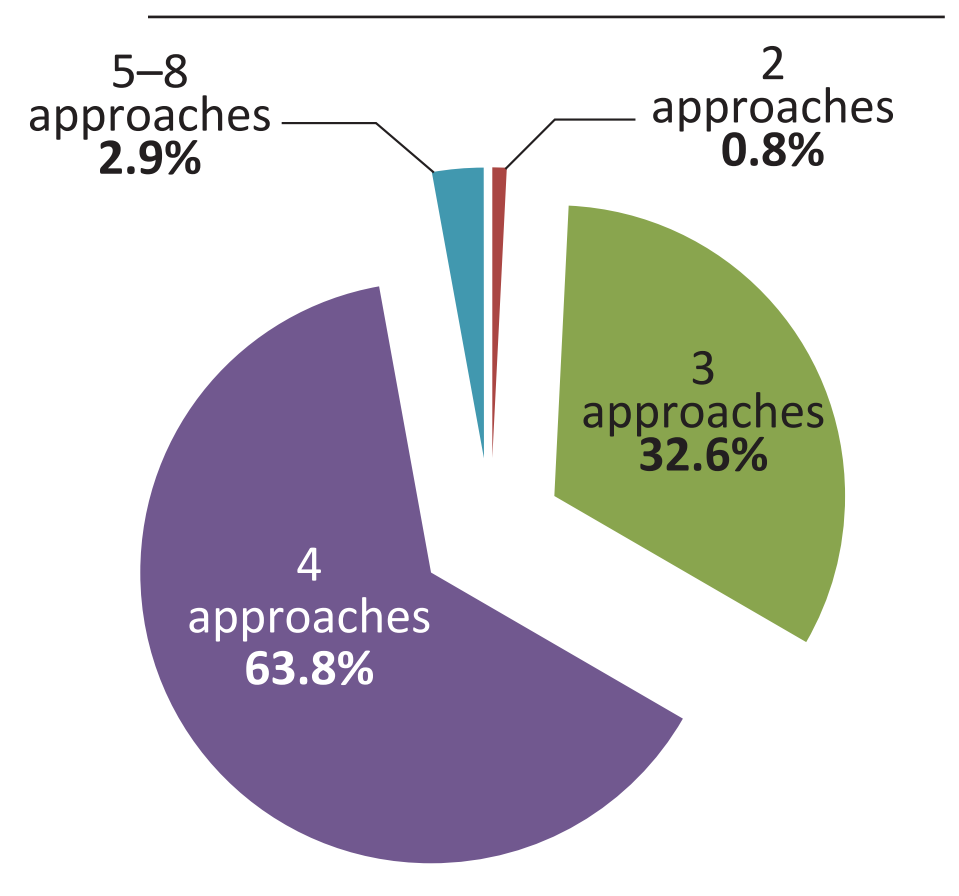


## Methods and Assumptions

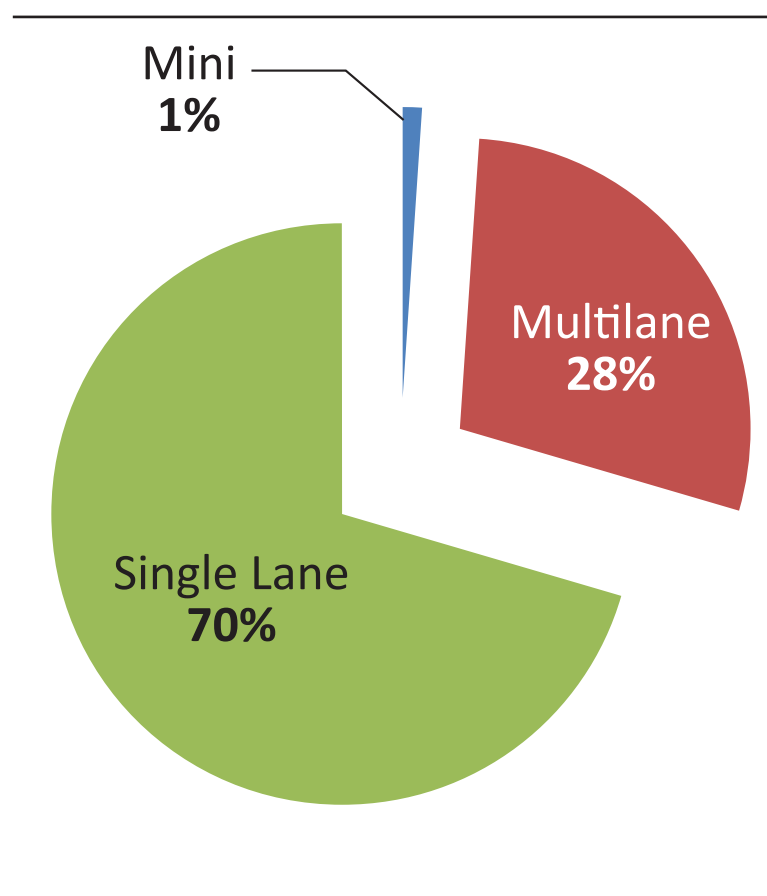
- Data pulled April 15, 2017
- Other circular intersections excluded
- Current database compared to what was known in 2014, 2011, 2008, and 2003 to estimate undercounting
- Total estimated unknown sites in 2016: 29% (40% in 2013)
- Unknown sites are distributed over multiple years, biased towards most recent years

Estimated U.S. roundabouts through 2016: 4,200

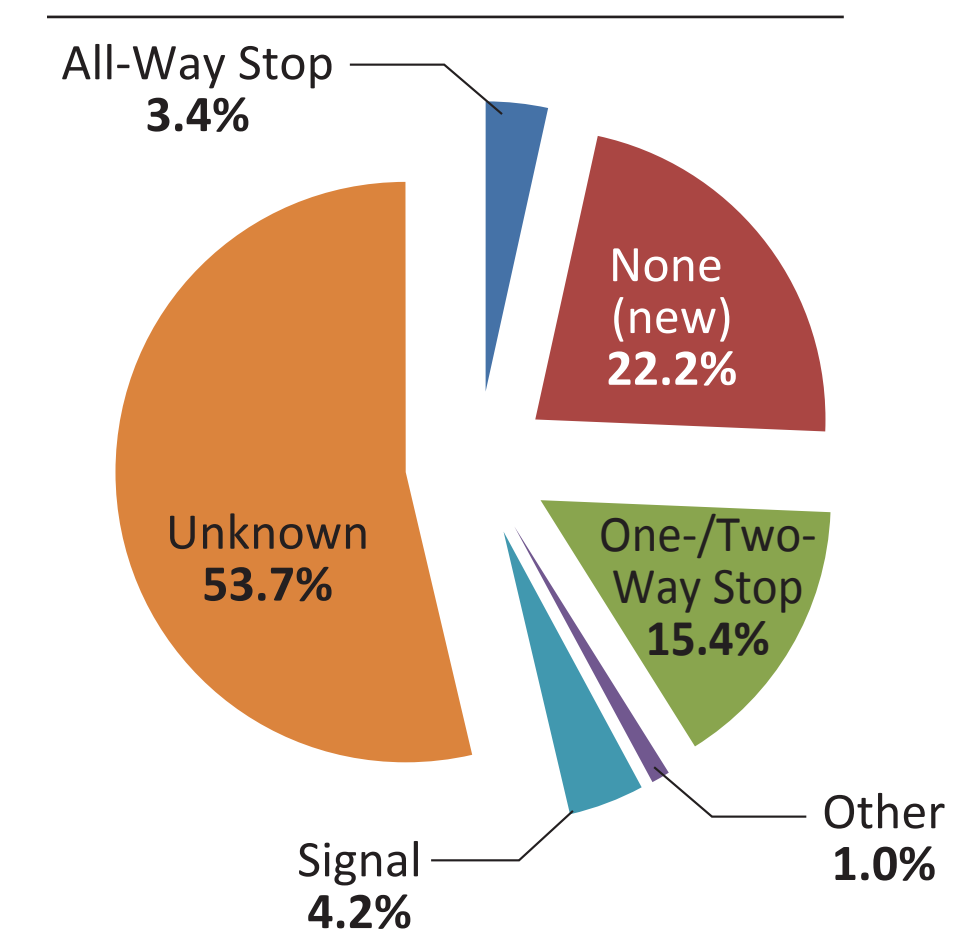
### Number of Approaches



### Lane Type



### Previous Control



## Why No Maps of Canada This Time?

- Database is known to be very incomplete (158 sites)
- At least 400 roundabouts believed to exist, but few additions to database since 2014 - your help is needed!



TRANSPORTATION RESEARCH BOARD  
 5th International Conference on Roundabouts  
 May 8-10, 2017, Green Bay, Wisconsin

Presented by  
 Lee A. Rodegerdts, PE  
[lrodegerdts@kittelson.com](mailto:lrodegerdts@kittelson.com)

