

Accommodating Bicyclists in the Austin District



INITIAL SURVEY RESULTS

Austin Cycling Association
October 4, 2010

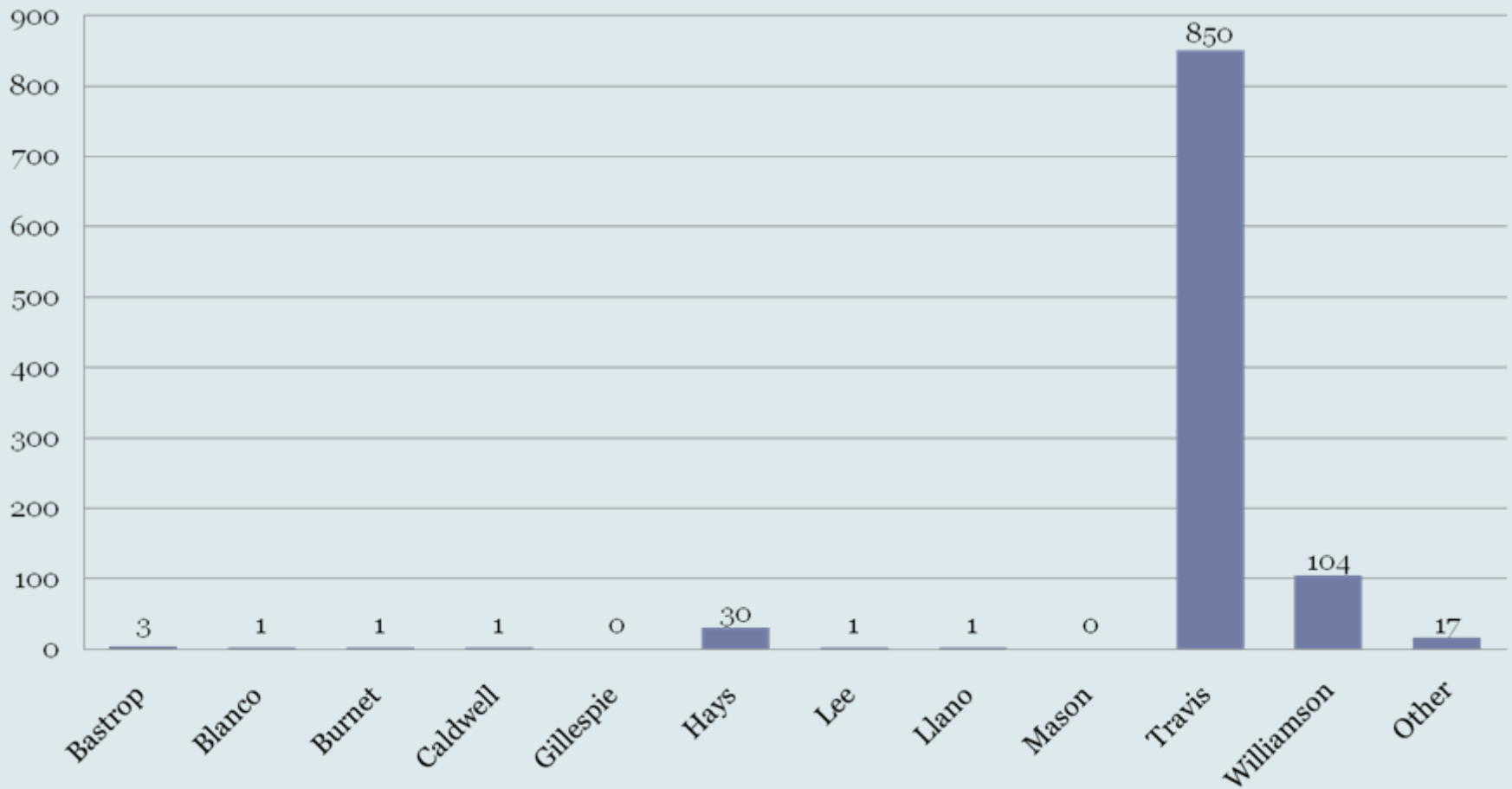


Survey Description

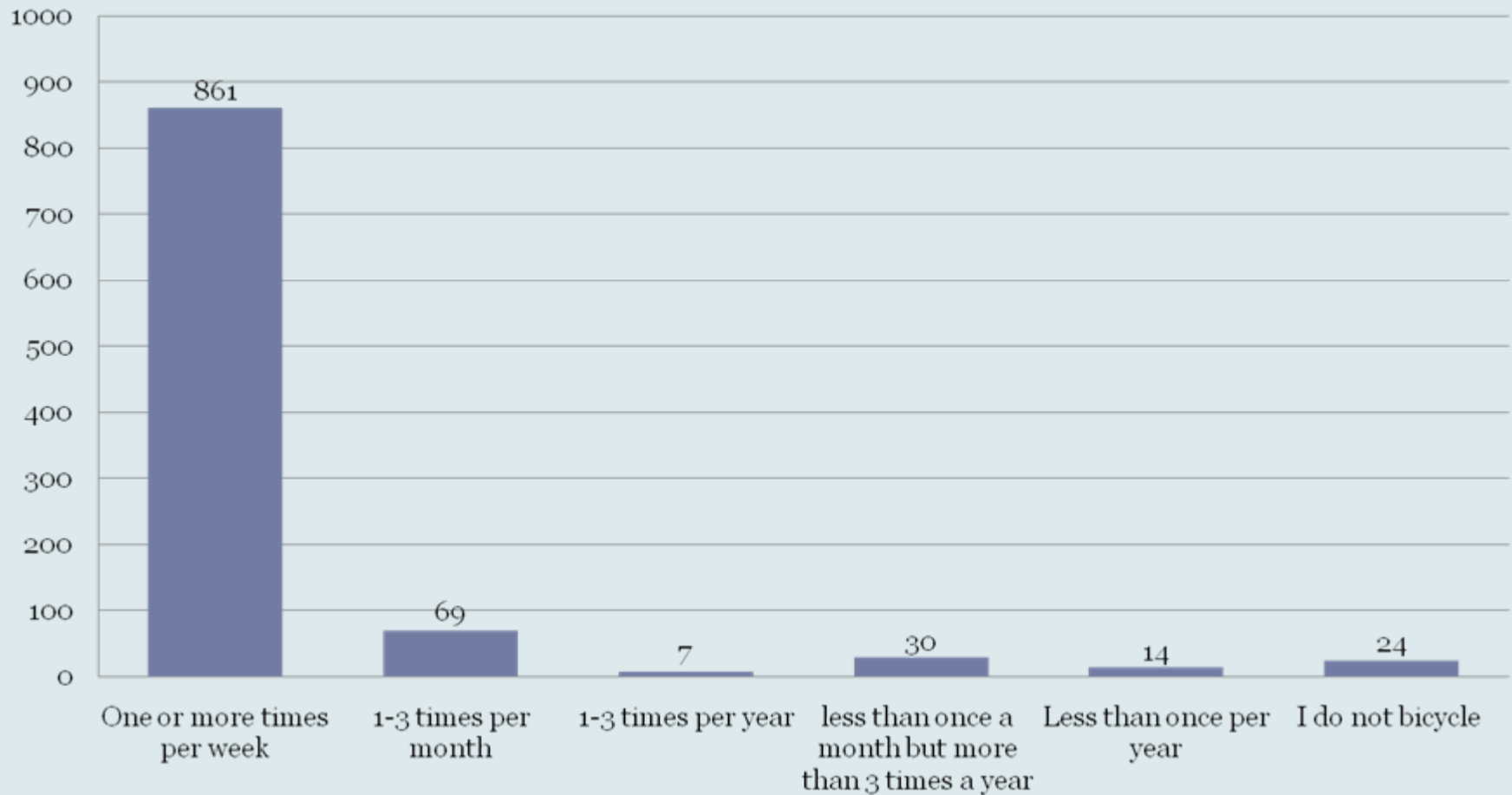


- **Sponsored by TxDOT**
- **Purpose: Gauge how District is meeting needs**
- **32 Questions**
- **Active for 2 weeks**
- **Notifications sent out to over 50 cycling groups/contacts**
- **1,005 responses**

County of Residence



How often do you bicycle?



What would encourage you to bicycle more?

Rank the top 4



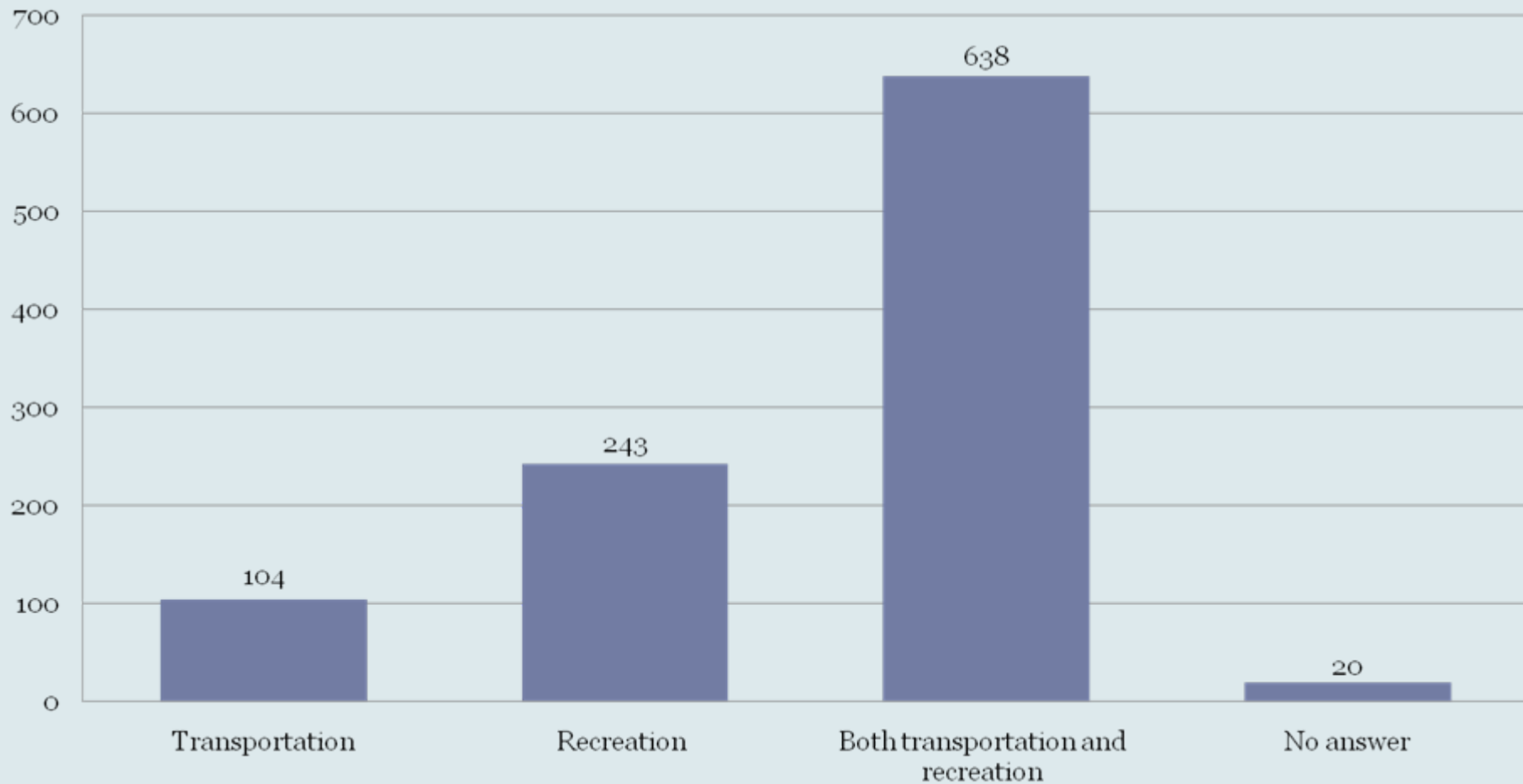
1. Presence of shoulders/bike lanes
 2. Some way to safely get across highway/interchanges
 3. Showers at my workplace/school campus
 4. Separate bike facilities
- I already bicycle as much as I desire
 - Shorter distance to my destination
 - To own or have access to a bicycle
 - Training on how to ride in traffic
 - Ability to transport children/groceries/other cargo
 - Better bicycle parking
 - More time

Skill Level

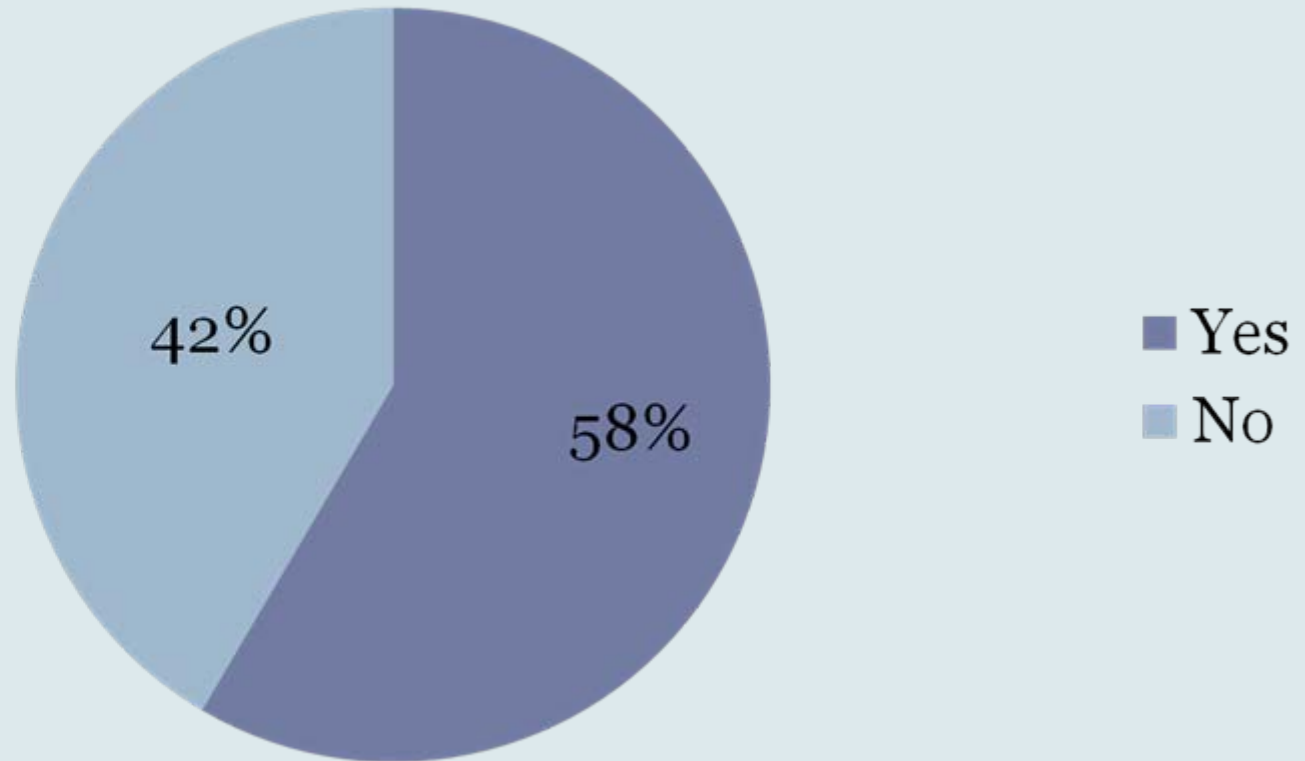


| Option | Count | Percent |
|---------------------|--------------|----------------|
| Beginner | 37 | 4% |
| Intermediate | 307 | 30% |
| Advanced | 650 | 65% |
| No Answer | 11 | 1% |

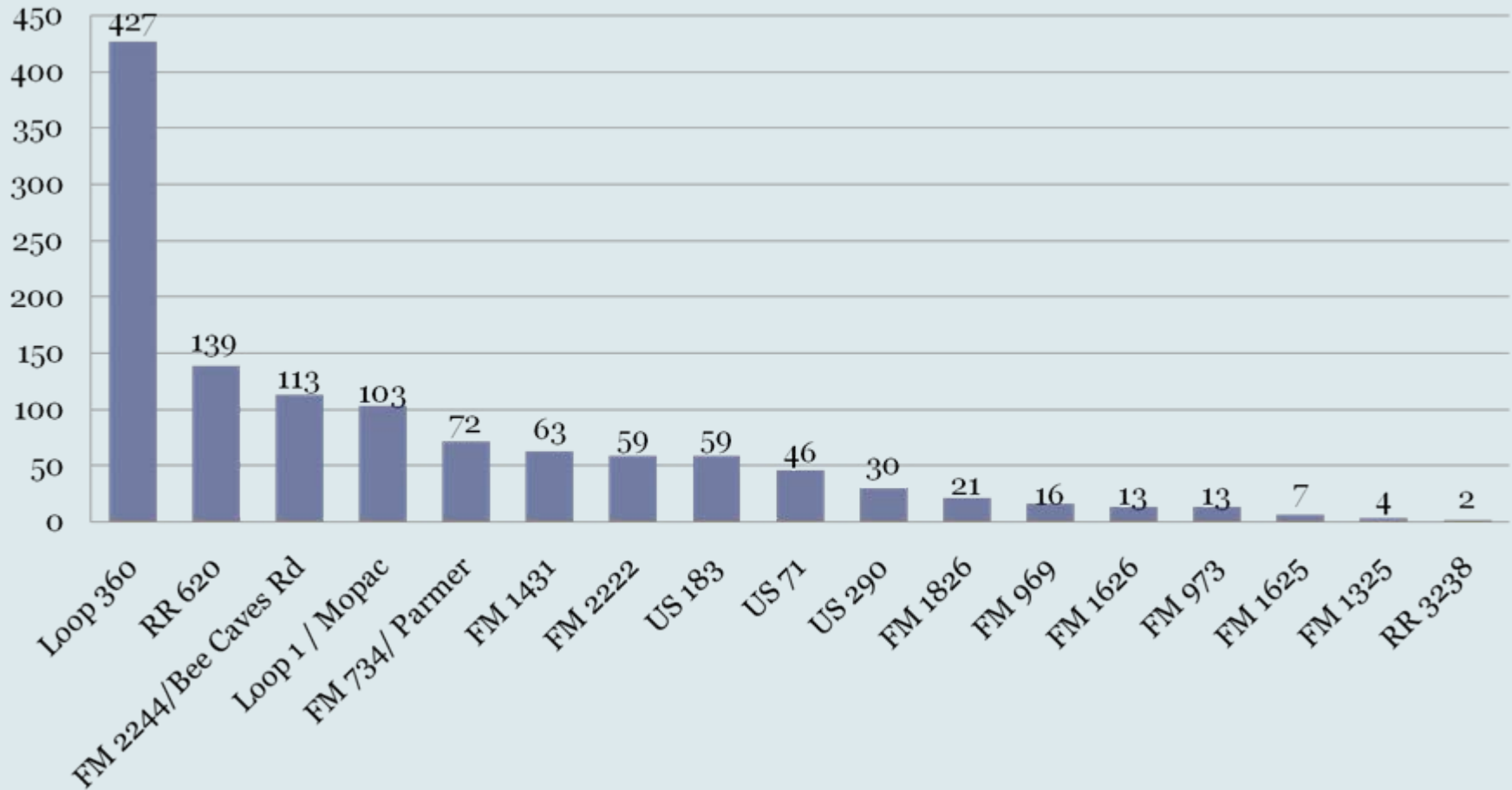
Typical purpose of your bicycle trip?



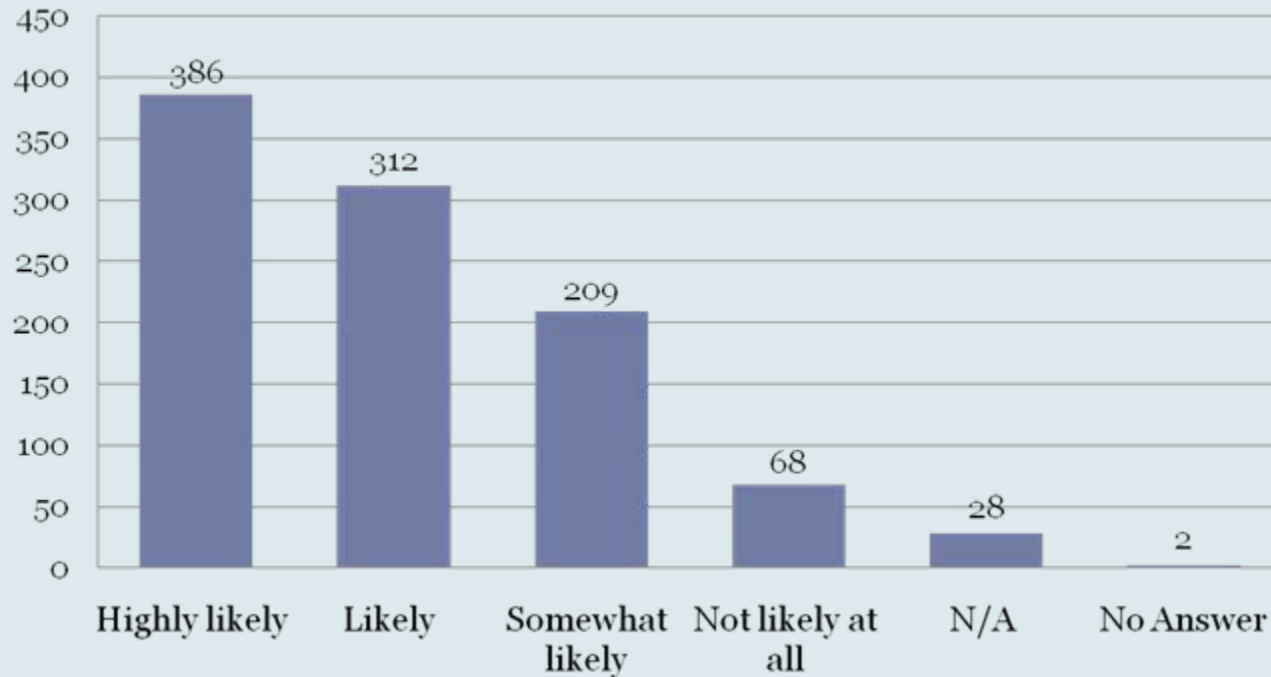
Do you ride on state-maintained routes?



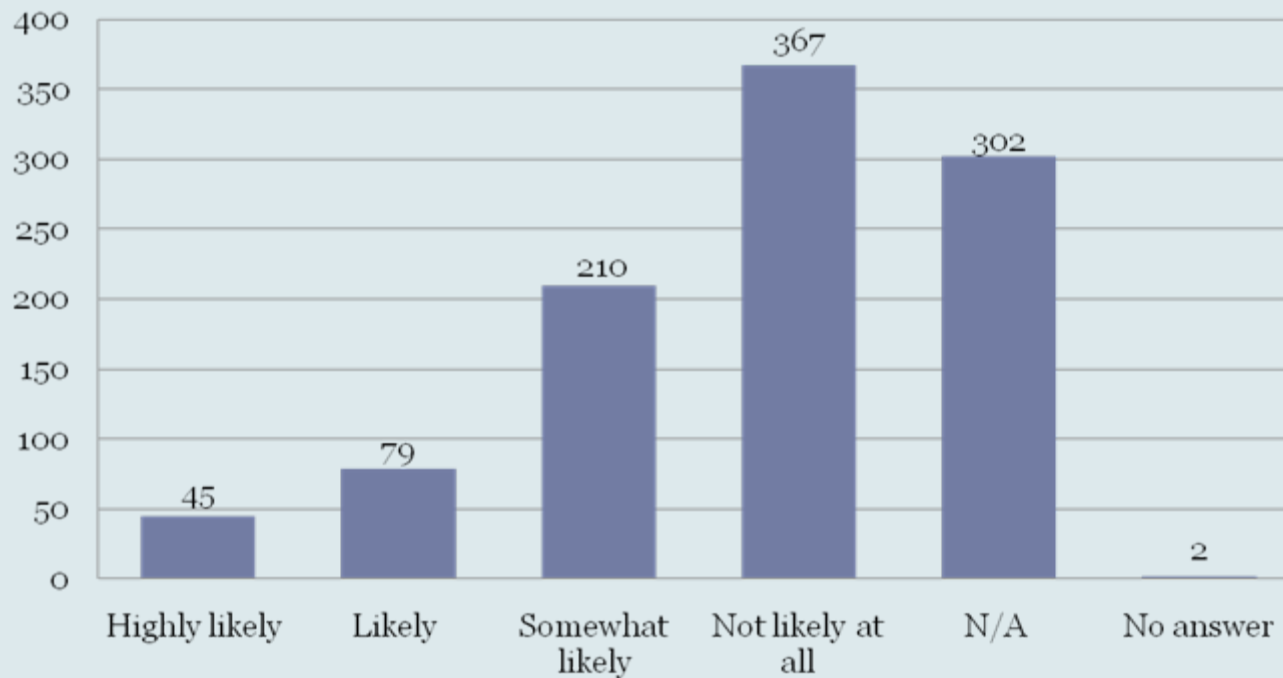
State-maintained roadways used most often:



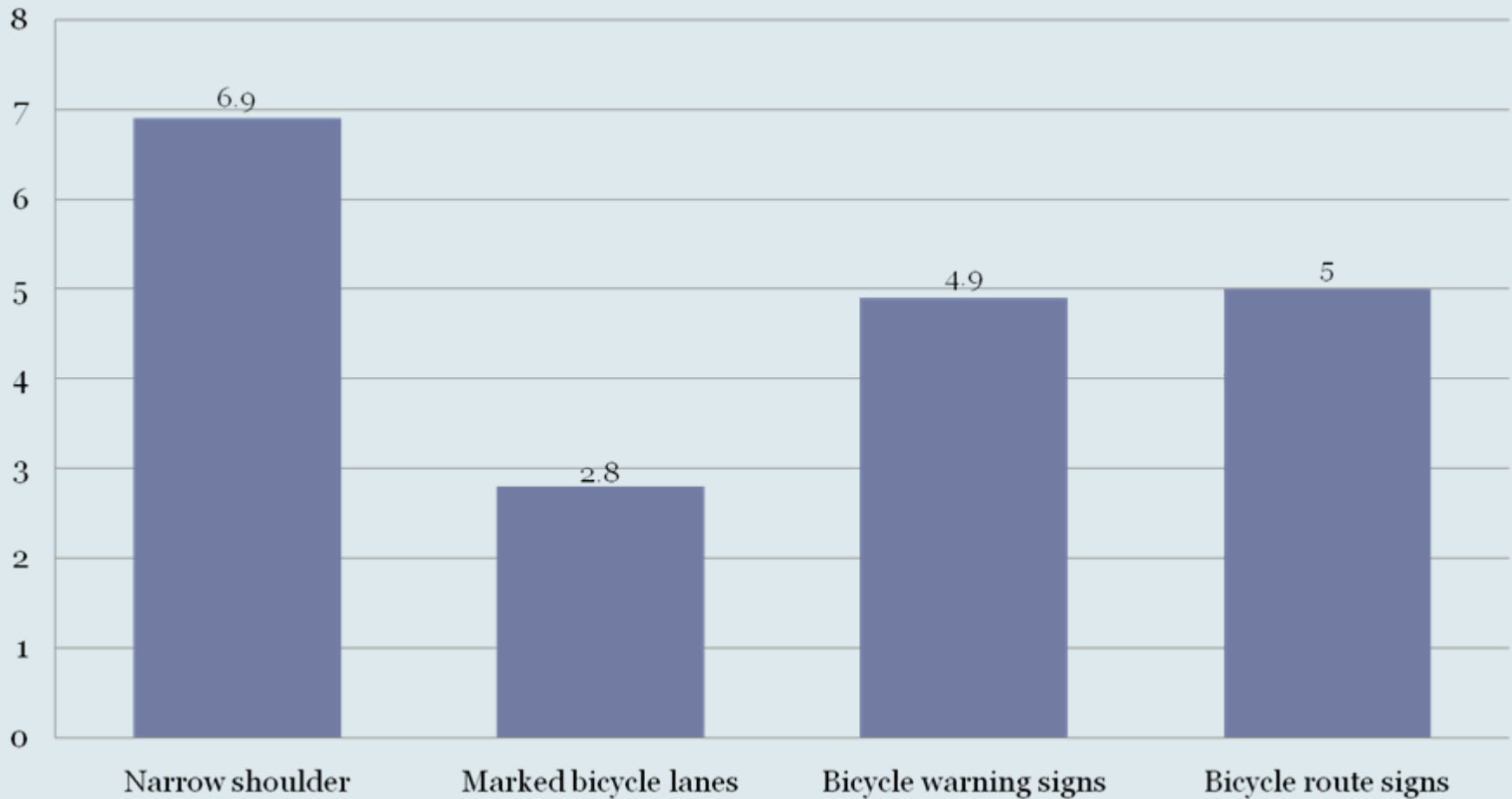
Likelihood to ride on state-maintained roadways with bicycle signs:



Likelihood to allow your children to ride on a state-maintained roadway that has bicycle signs:

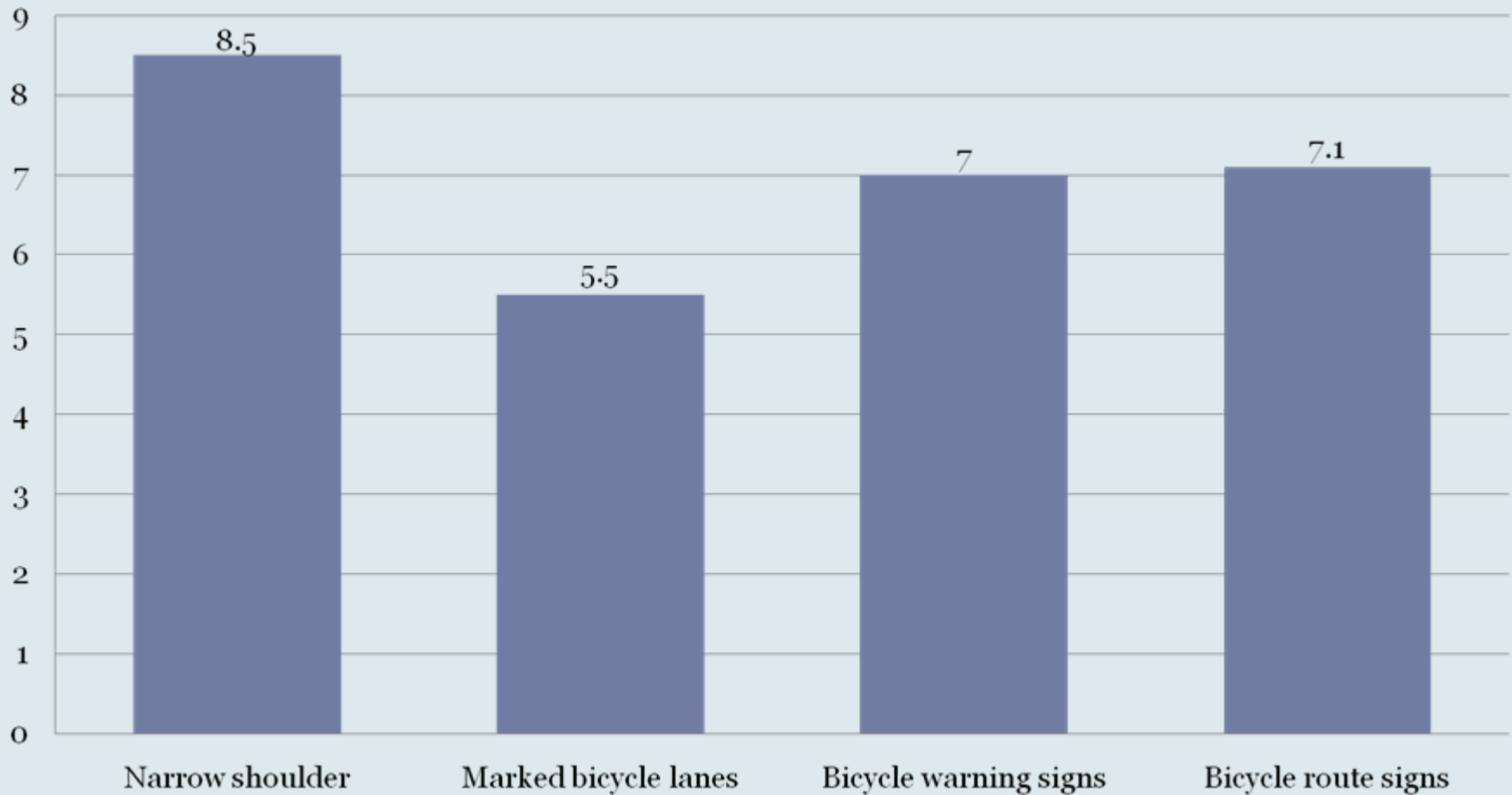


How safe would you feel riding on a state-maintained roadway with the presence of:



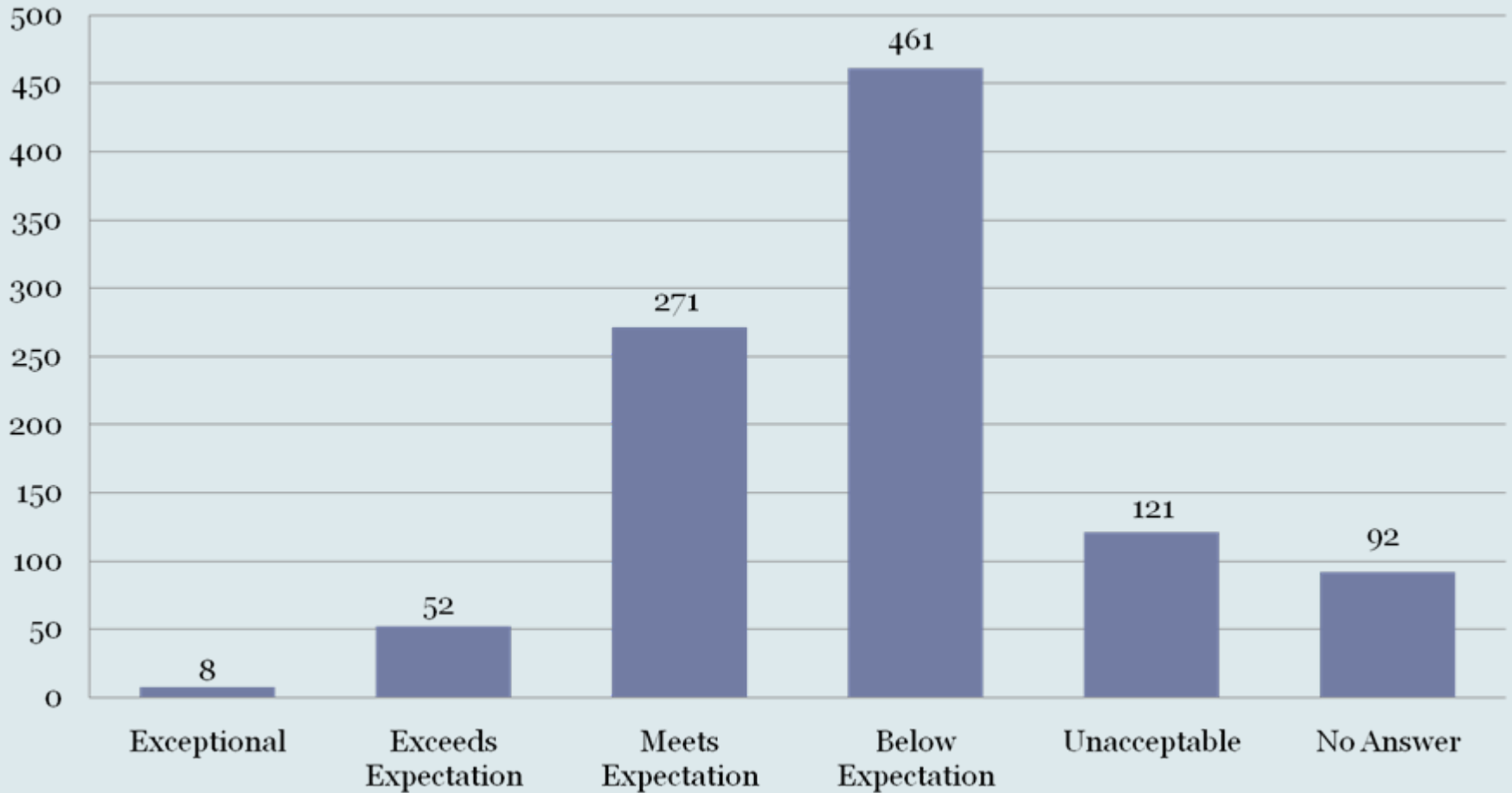
Scale of 1 to 10 (1 being the most safe)

How safe would you feel allowing your children to ride on a state-maintained roadway with the presence of:



Scale of 1 to 10 (1 being the most safe)

How would you rate the TxDOT Austin District in terms of meeting your expectations as a bicyclist?



Priorities for the District

Rank the top 3



1. **Provide shoulders/bike lanes**
2. **Build separate bicycle paths (with physical barrier between motor vehicle lanes and bicycle way)**
3. **Increase opportunities to cross highways and major interchanges**
 - Better maintenance on bicycle routes/shoulders
 - Improving signs and markings for bicyclist
 - Better education of motorists and bicyclists on handling interactions for safer sharing of the roadway
 - Develop a District wide bicycle map
 - Establish a full time bicycle coordinator at the District level

What now?



- Identify routes used most
- Finish compiling results
- Develop discussion guide for 2-3 focus groups
- Focus groups will enable further discussion and understanding of bicycle community needs
- Results will be compiled into report for the District

Completed Austin District Bicycle Studies



- **Loop 360 Entrance/Exit Ramps, 2007**
 - Warning signs increased the likelihood of motorists yielding to bicyclists on the ramps
- **Mansfield Dam Loop, 2007**
 - Recommended bicycle warning signs, bicycle lanes at right turn deceleration lanes, bicycle safe drain grates, lane narrowing to add shoulder, and shoulder widening at key locations
- **White Paper on Accommodating Bicyclists and Pedestrians, March 2010**
 - Highlighted how other TxDOT districts, other DOTs, and the City of Austin accommodate these users
- **Bee Cave/Lakeway Bicycle and Pedestrian Accommodations and Safety Study, Aug 2010**
 - Survey showed people would walk and bike if safe facilities existed. Study recommends lane narrowing on SH71 through Bee Cave to add shoulder, pedestrian crossing enhancements at several intersections.

Future Austin District Bicycle Studies



- **Bicycle and Pedestrian Crash Data Analysis**
 - District-wide, 2007-2009 crashes, on and off system
- **Parmer Lane Bicycle Lanes at intersections after evaluation**
- **Development of a Bicycle Priority Route System**

Thank You



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