

2010 San Antonio Regional Bike Travel Patterns Survey Results

San Antonio-Bexar County MPO
Bicycle Mobility Advisory Committee – Bike Night

Presented by ETC Institute
October 13, 2010

Methodology

Random Survey of Bicyclists and Non-Bicyclists

- A total of 972 randomly selected residents were surveyed
 - ✓ 541 non-bicyclists
 - ✓ 431 bicyclists (rode a bike at least once in past 30 days)
- Data from both groups was then weighted based on the observed distribution from the first 500 completed surveys to develop regional totals
 - ✓ 17.2% of the first 500 persons surveyed indicated they had ridden a bike at least once in past 30 days
- Demographic composition of the weighted sample was similar to the 2008 Census Estimate for Bexar County
- Overall results of the random sample have a precision of +/- 3.2% at the 95% level of confidence
- A separate GPS Survey was conducted along with a survey of “active bicyclists” who belong to bike clubs or other organizations

Agenda

- Purpose and Methodology
- Demographic Profile of Bicyclists and Non-Bicyclists in the Region
- Characteristics of Bicyclists
- Characteristics of Commuters
- Barriers to Bike Usage
- Bicyclist Preferences
- % of Bicyclists Who Experience Various Problems When Bicycling
- Importance of Improvements to the Region’s Bike System
- How Residents Think Funding for the Region’s Bike System Should Change
- Awareness of Bike Issues and the Best Ways to Keep Residents Informed
- GPS Survey Findings/Maps
- Summary
- Questions

Demographics

Profile of Bicyclists and Non-Bicyclists

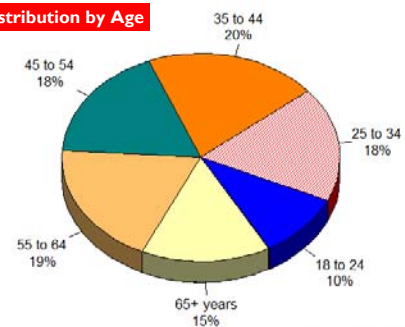
Purpose

- To gather data from residents to better understand bike travel in the region, including:
 - Estimated number of residents who bike
 - The reasons people bike
 - Where people bike
 - The frequency that people bike
 - Barriers to biking
 - Perceptions of current conditions for biking in the region
 - The types of biking improvements that are needed

Respondents' Age

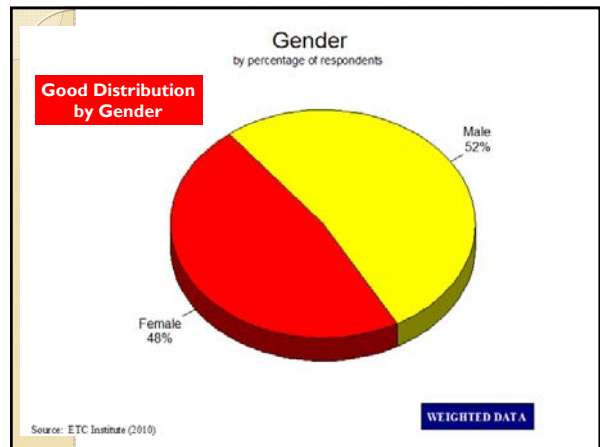
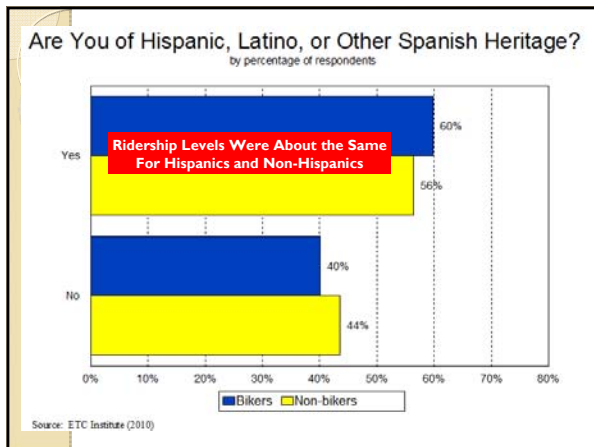
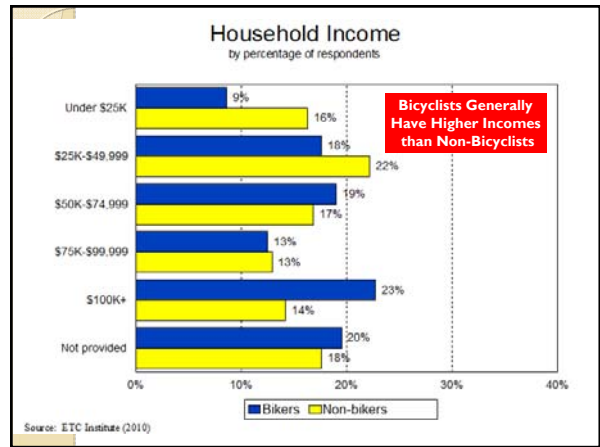
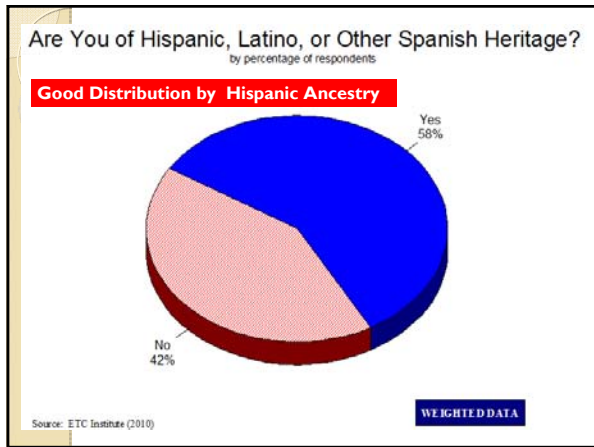
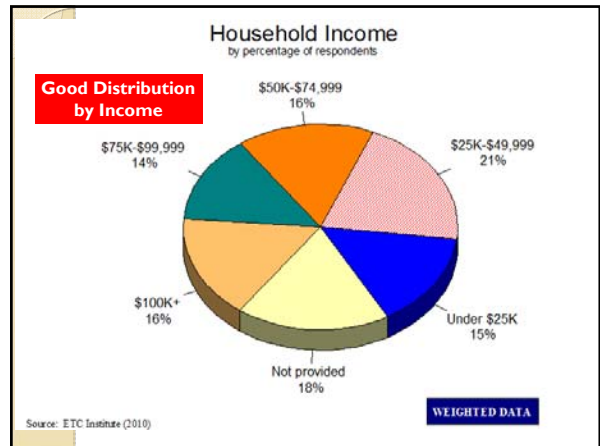
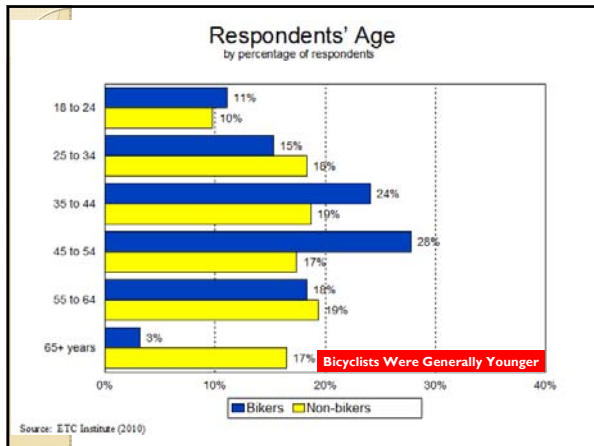
by percentage of respondents

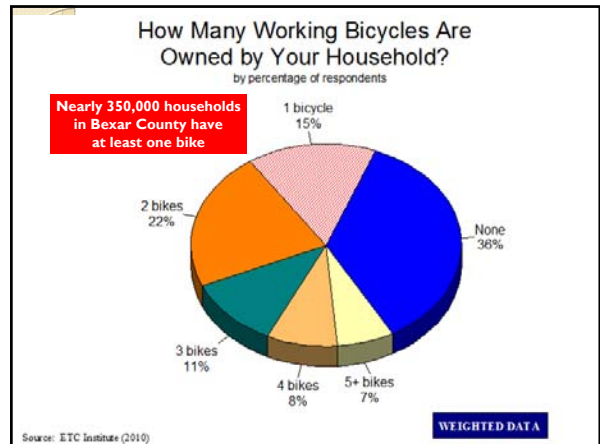
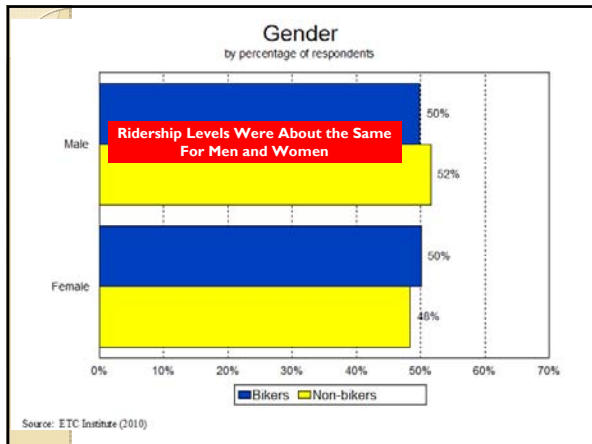
Good Distribution by Age



Source: ETC Institute (2010)

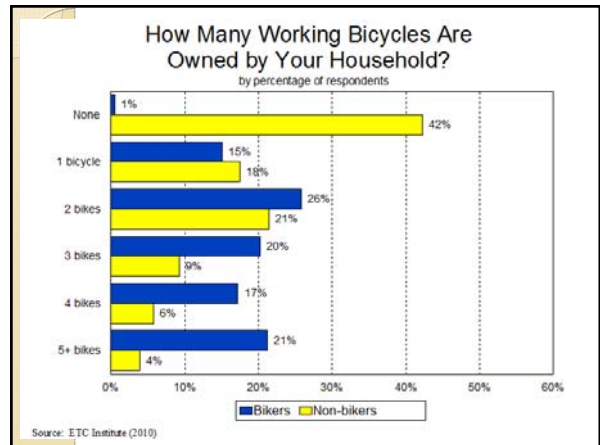
WEIGHTED DATA





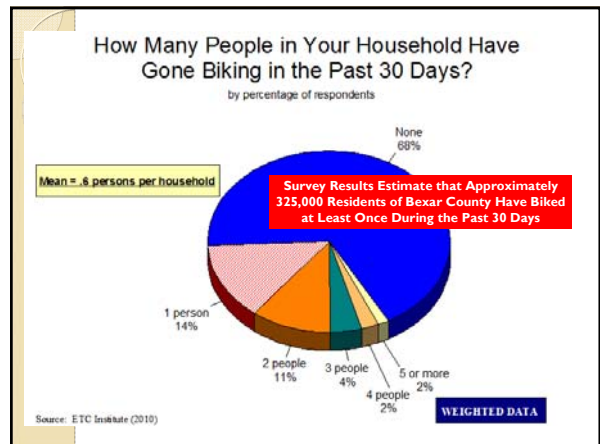
Application for the Survey Data

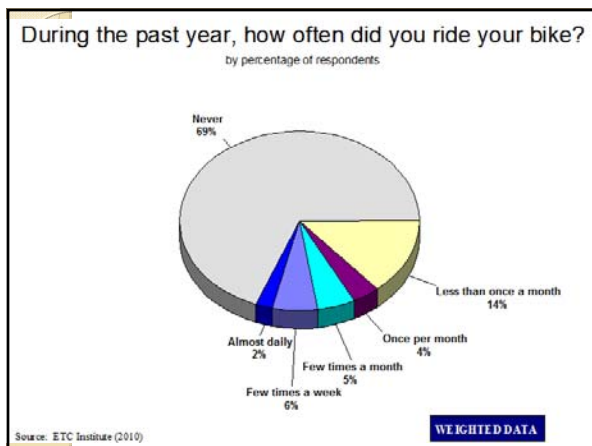
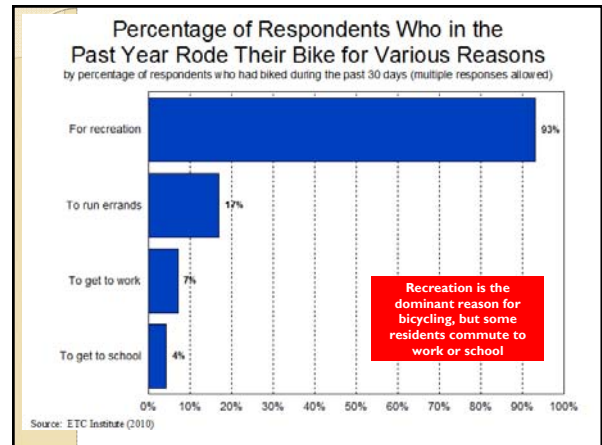
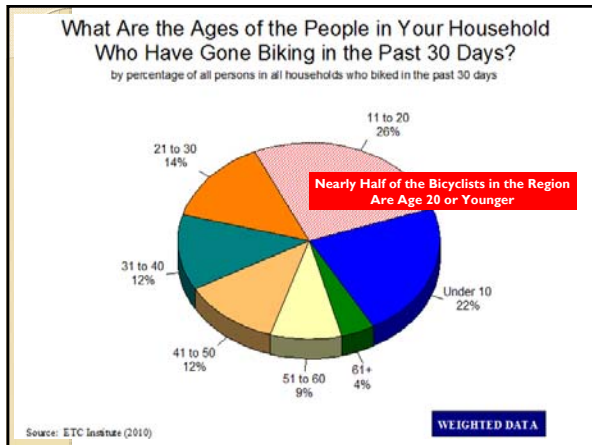
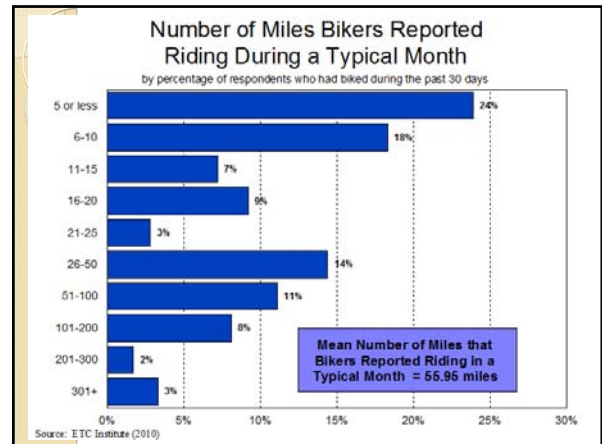
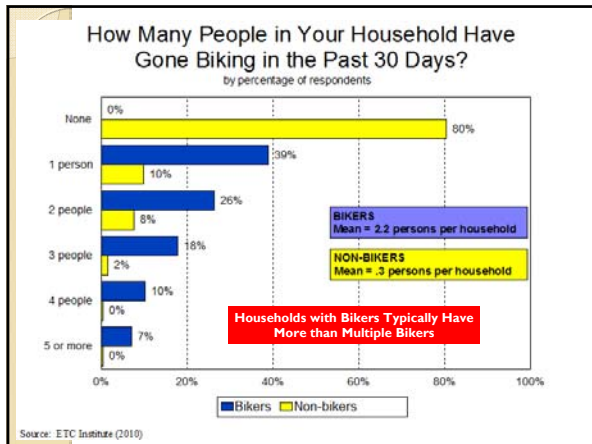
- Since the demographic composition of the randomly selected sample is representative of Bexar County's population, the results of the survey can be used to estimate ridership levels for the County



General Characteristics of Bicyclists in the Region

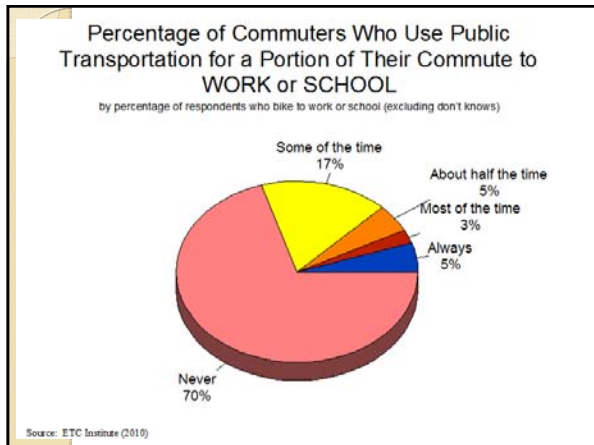
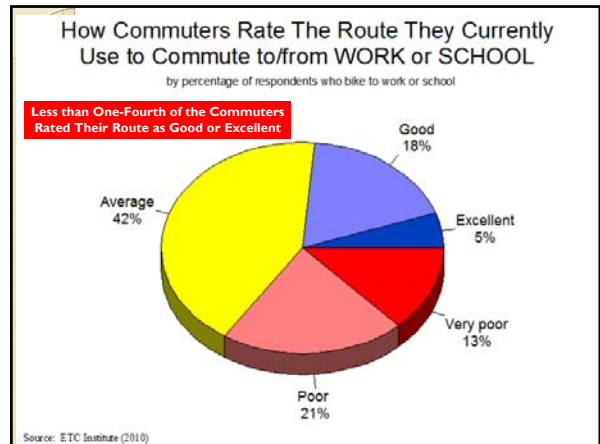
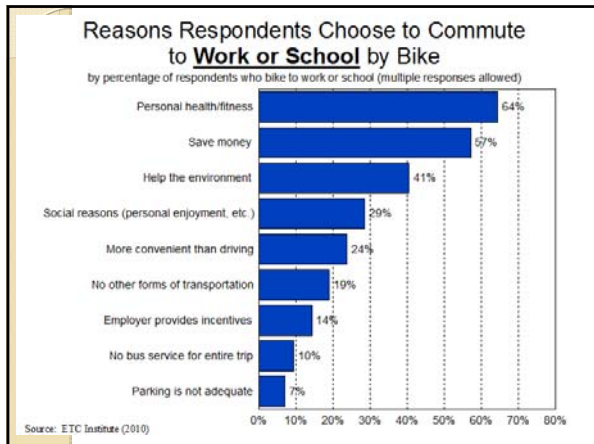
How often do people bike and why?





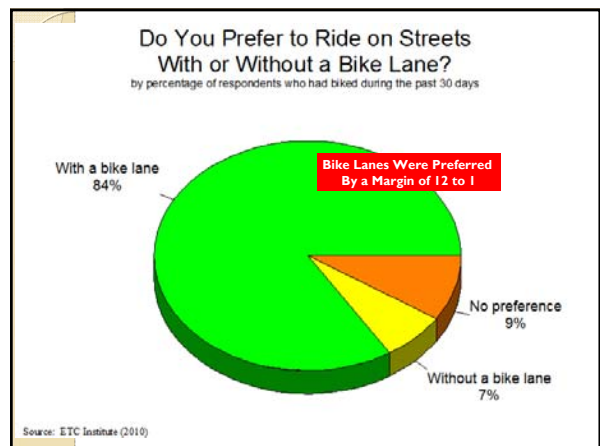
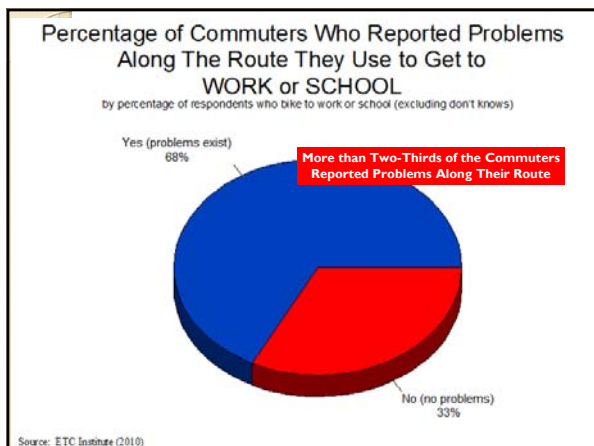
Characteristics of Commuters

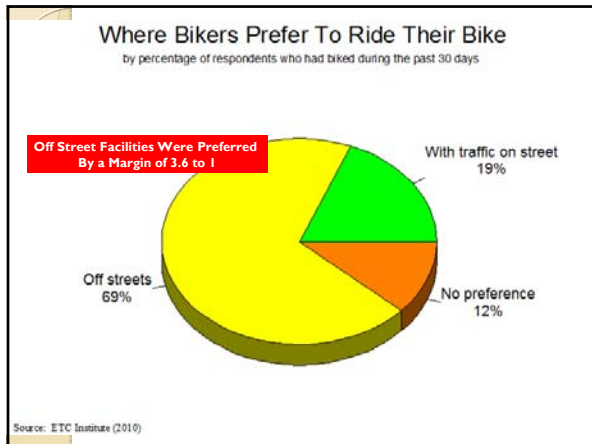
Based on the results of bicyclists who indicated that they commute to work or school



Preferences of Bicyclists in the Region

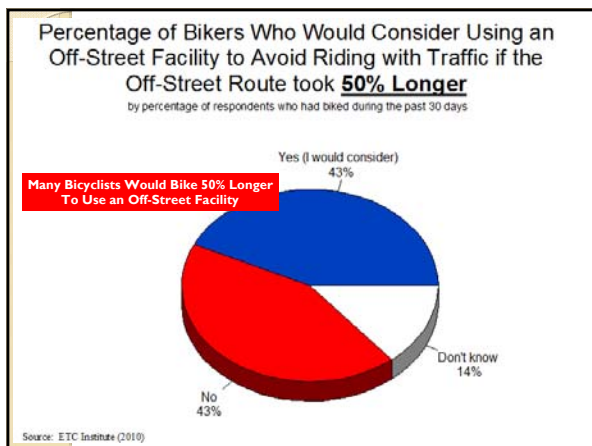
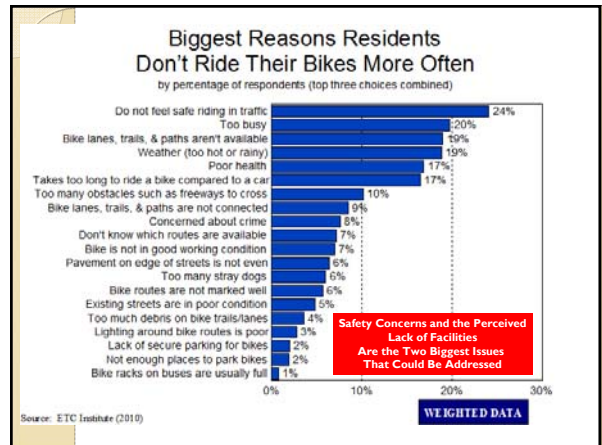
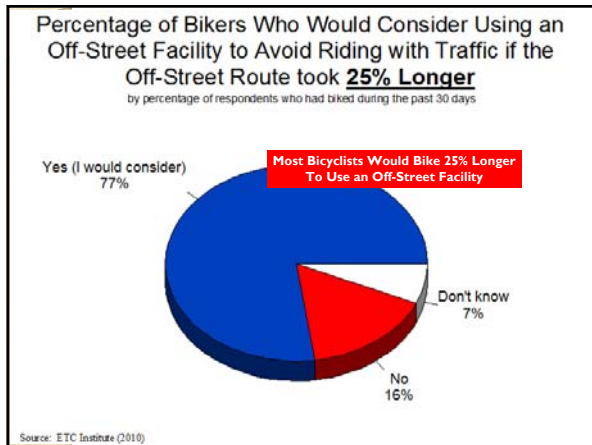
Where do bicyclists prefer to ride?





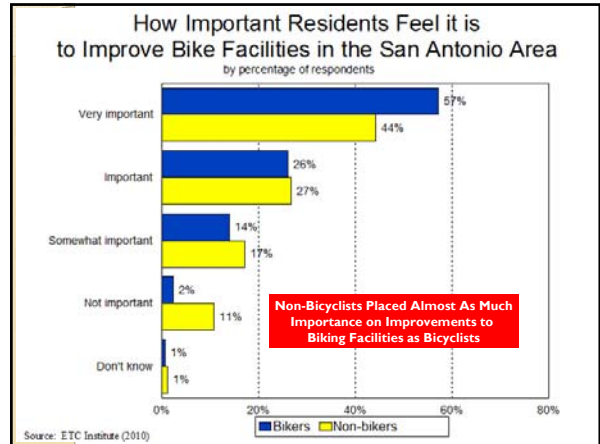
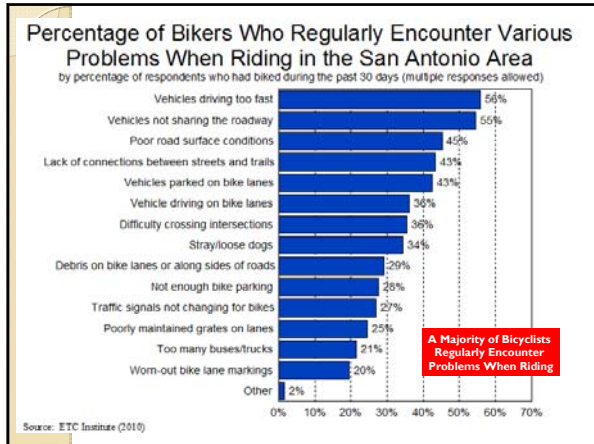
Barriers to Bike Usage in the San Antonio Area

What keeps residents from riding their bike more often?



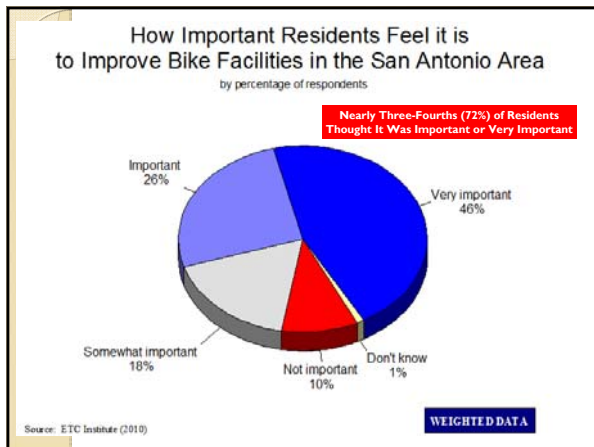
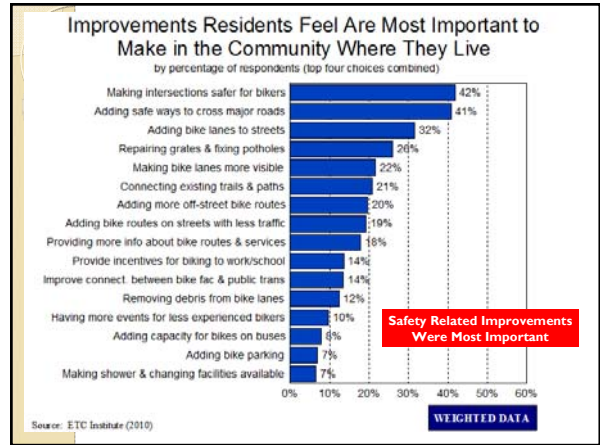
Magnitude of Various Problems Affecting Bicyclists in the Region

How many bicyclists regularly experience various problems when biking in the area?



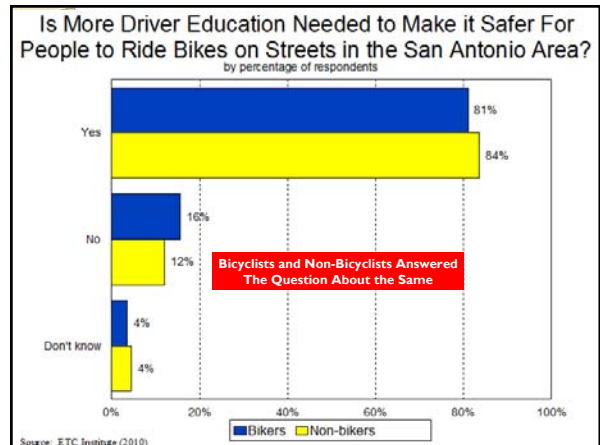
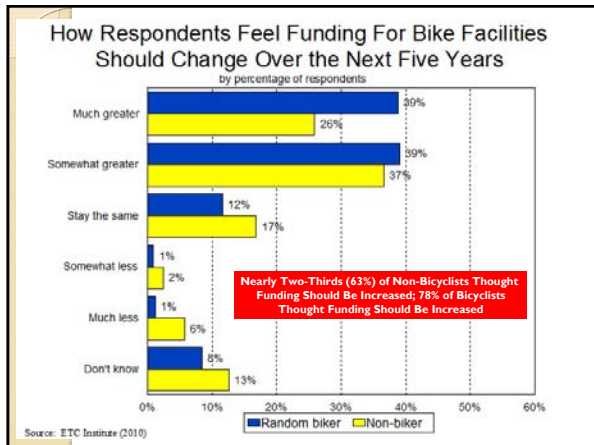
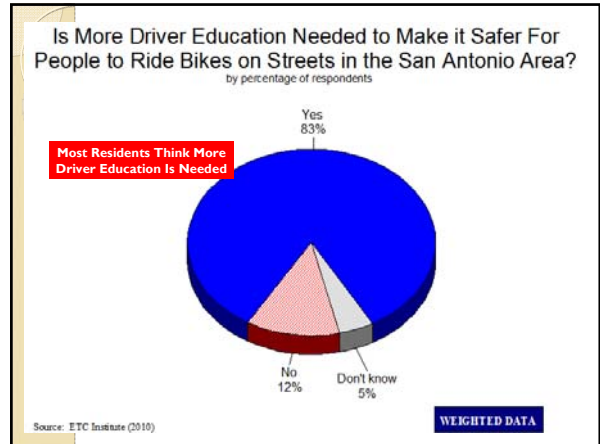
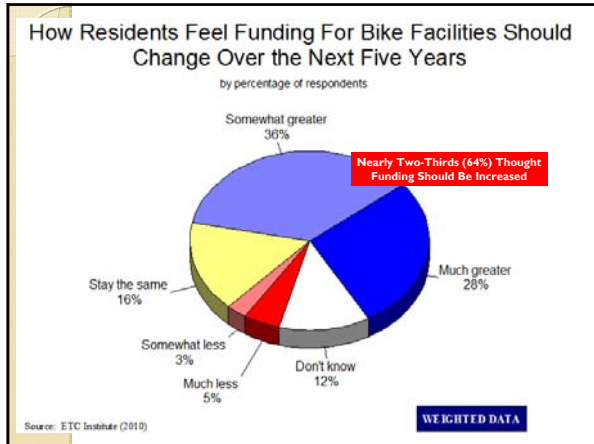
Importance of Various Improvements

What improvements to the region's bike system do residents think are most important?



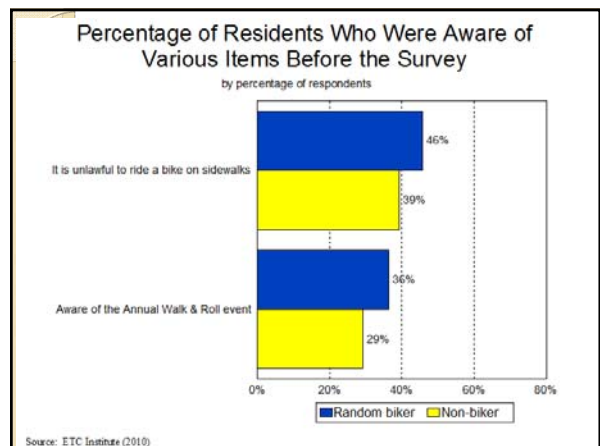
Funding for Bike System Improvements

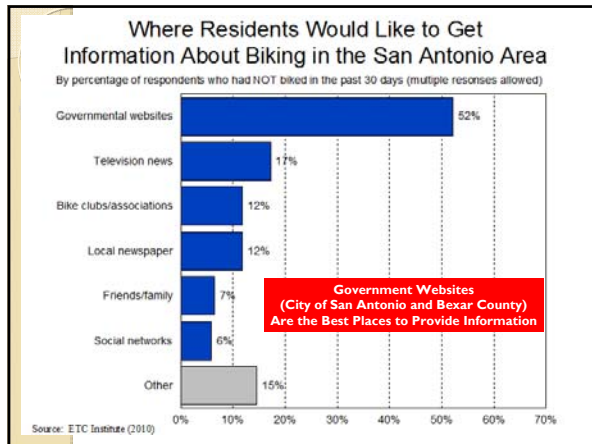
How do residents think funding for the region's bike system should change?



Education and Information

What do residents know about bike related issues and what are the best ways to inform them?





Questions ???
THANK YOU

- ### GPS Survey
- The GPS survey was administered to 208 bicyclists
 - 152 randomly selected bicyclists
 - 56 active bicyclists who were members of cycling clubs, etc.
 - The GPS device was carried by bicyclists for one week
 - The GPS device recorded the routes used, speed, and other information that will help us better understand bike travel in the region

- ### Summary
- Many people in the region are biking
 - This survey provides an accurate picture of who these people are
 - There are opportunities to improve the region's bike system
 - Most residents think it is important to improve bike facilities in the region
 - Most bikers reported problems on the bike routes they use
 - Safety improvements are generally considered to be the most important improvement
 - A majority of residents think funding for biking facilities should be increased
 - The results of this survey will enhance regional bike planning efforts in the future