



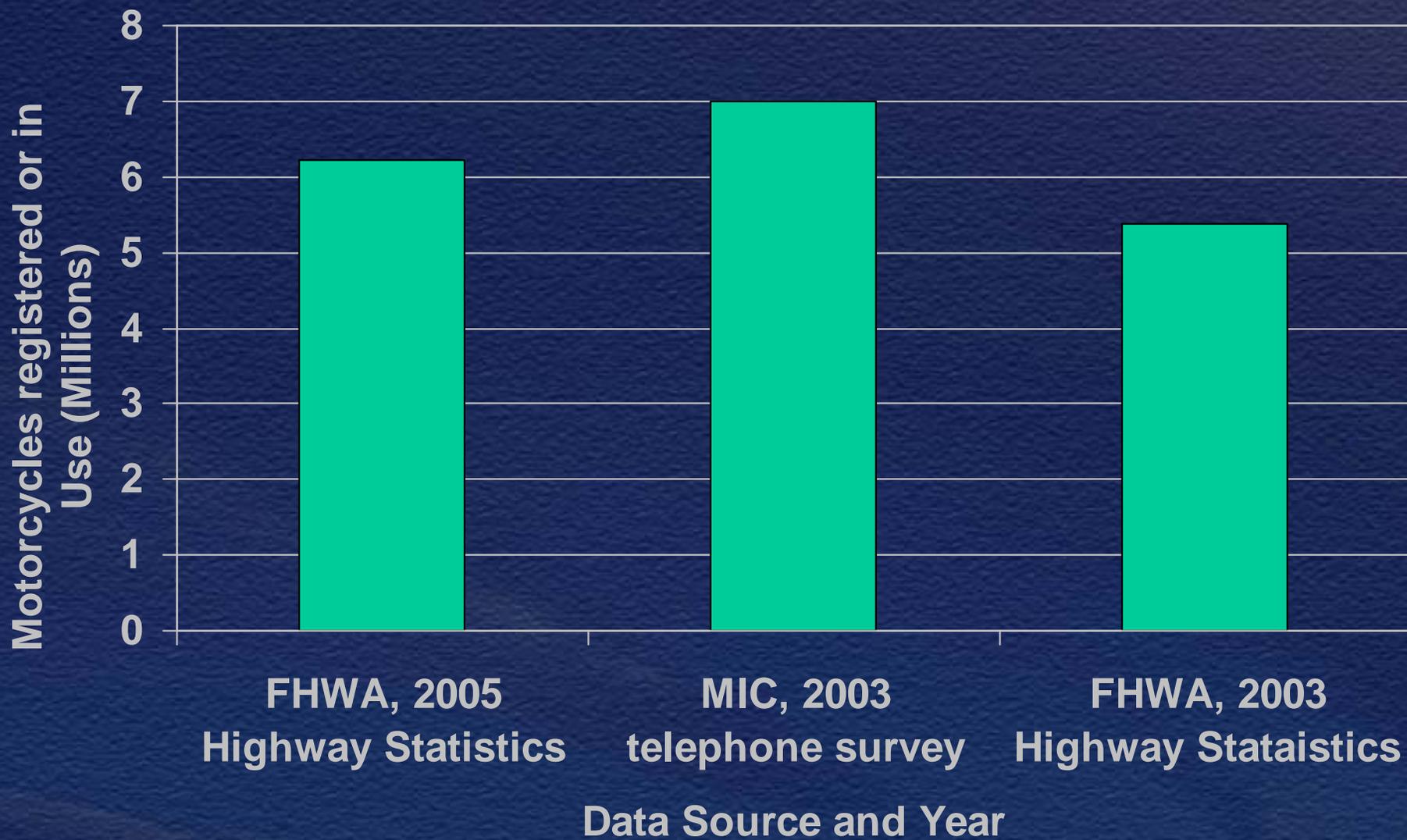
NTSB National Transportation Safety Board

Motorcycle Activity Data

Motorcycle Activity Data

- Motorcycle registrations
- Motorcycle vehicle miles traveled
- Uses of activity data
 - Calculate safety rates
 - Allocate funding
 - Determine roadway needs
 - Assess safety countermeasures
 - Develop legislation

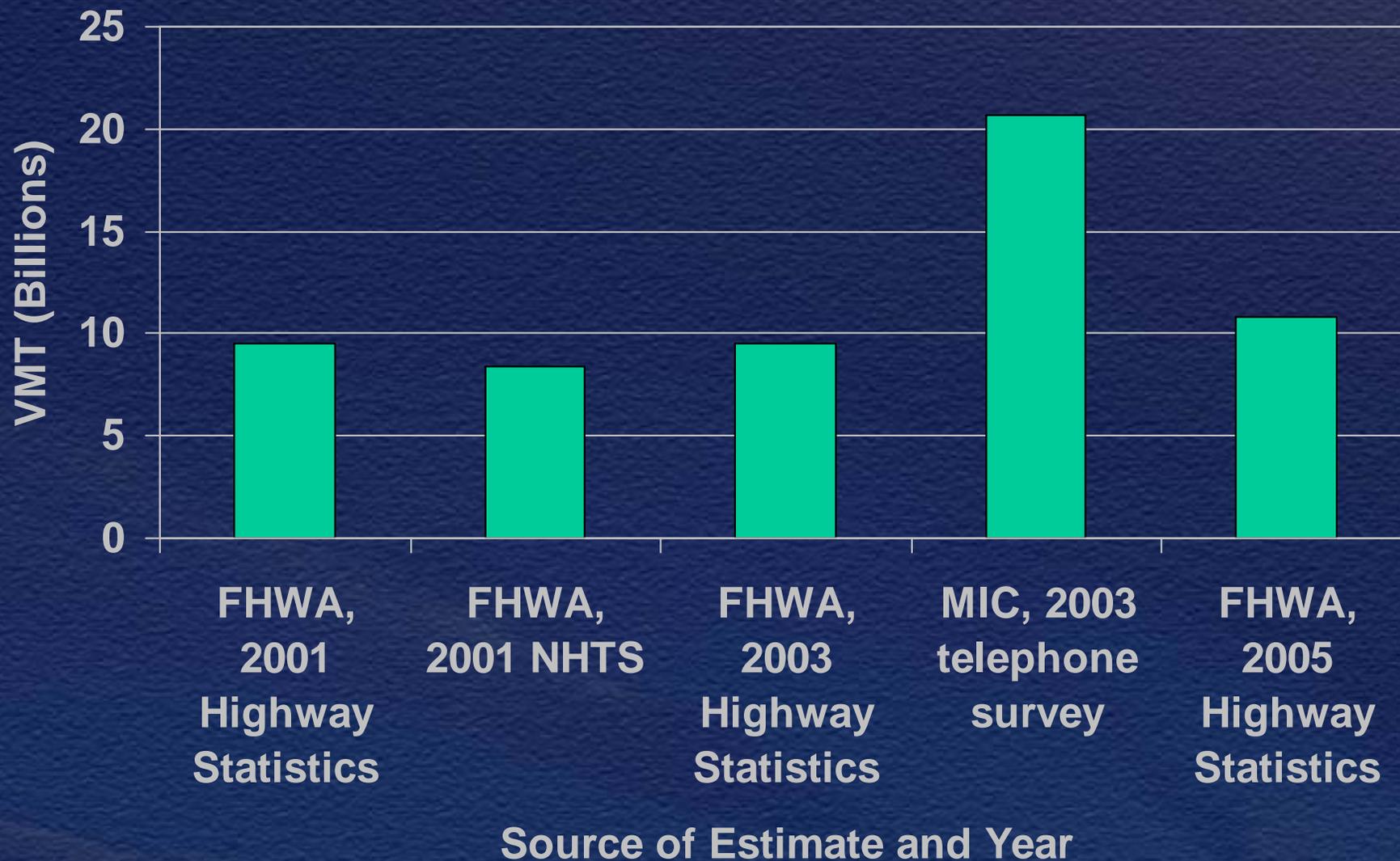
Estimates of Motorcycles



Sources of VMT data

- Highway Statistics (FHWA)
- National Household Travel Survey (NHTS) (FHWA)
- Motorcycle/ATV Telephone Survey (MIC)

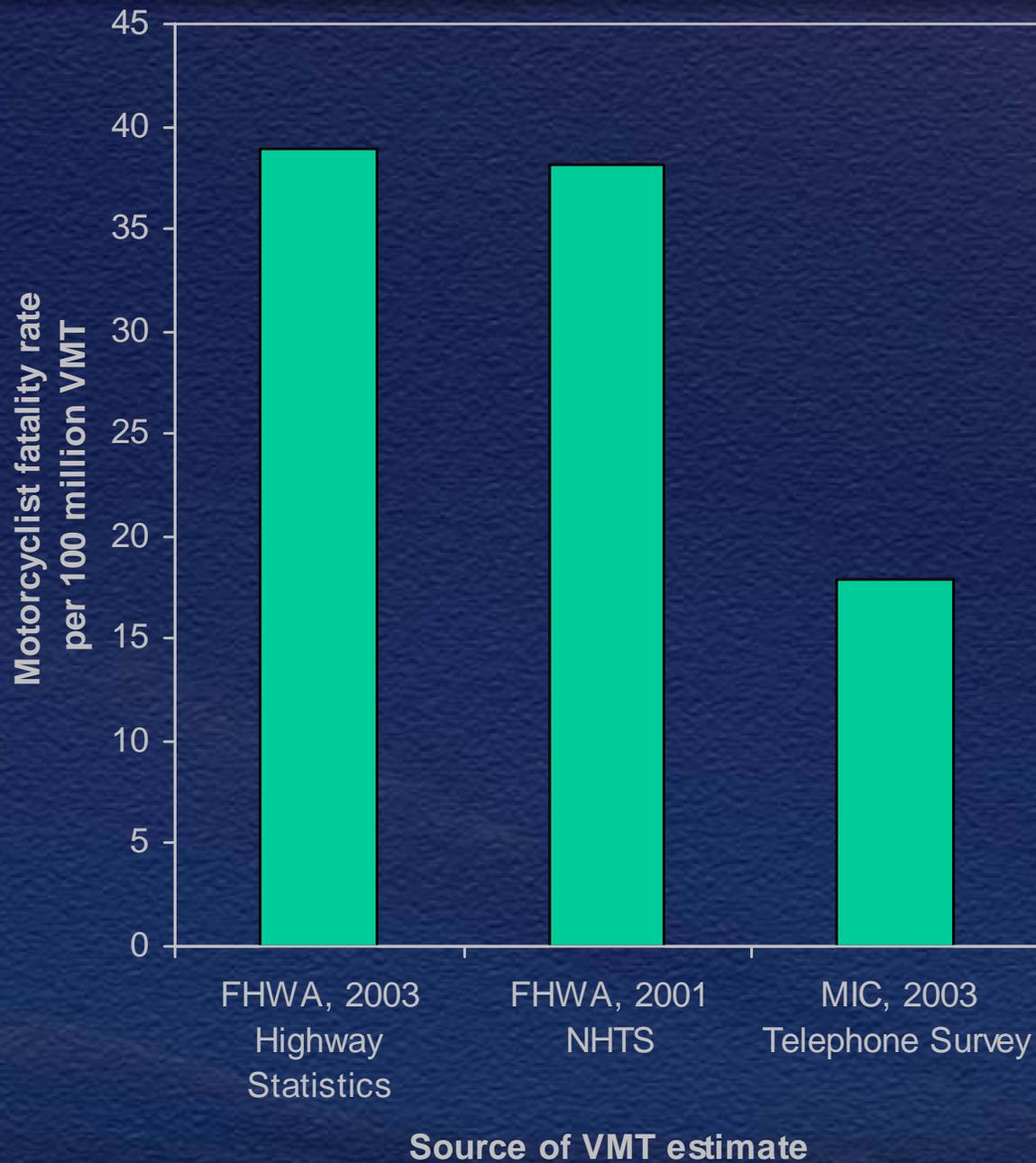
Estimates of Motorcycle VMT



Challenges of VMT Data Collection

- Automatic traffic recorders
 - Need to identify motorcycles
- Magnetic counters
 - Need to sense motorcycles
- Manual counts
 - Labor intensive
 - Weekday vs. weekend travel
- Self-reports
 - Rely on respondent

Fatality Rates Using Activity Data



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Summary

- Several uses for motorcycle activity data
- Accuracy of data is critical
- Continue momentum generated by FHWA Motorcycle Travel Symposium
- Develop guidelines on collecting motorcycle registration and motorcycle VMT data



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