

**iRAP Philippines**  
**GRSP Asian Road Safety Summit**  
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# PHILIPPINES

## Demographic

- Population - 90 million (as of 2008)
- Land Area - 300,000 square kilometers
- Total Roads - 202,000 kilometers
  - Paved - 19,000 kilometers

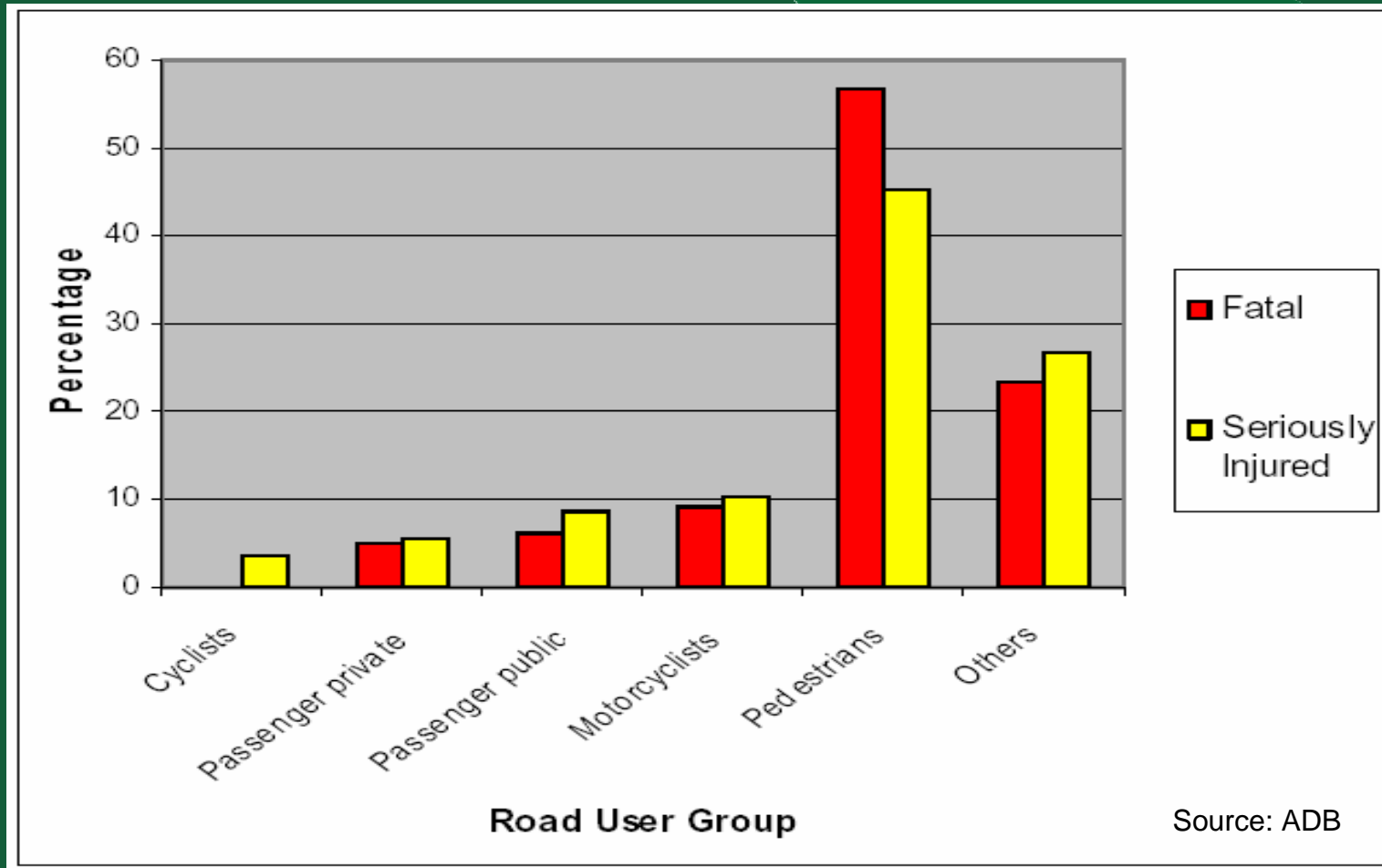
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## Philippine Road Safety Environment

- **Vehicle Registration – 5.5 million**
  - 57% - 4 wheelers and up
  - 43% - 2 and 3 wheelers
  - 40% - vehicles in Metro Manila
- **Traffic Accidents (as reported by the Police)**
  - 11,532 – total accidents
    - 718 – fatal
    - 3,569 – non-fatal
    - 10,531 – property damage
- **Severe under reporting of fatalities and serious injuries**  
(estimated fatalities could reach 9,000 lives)
- **Accident cost is 2.6% of GDP**
- **80% human error, 11% vehicle defects**

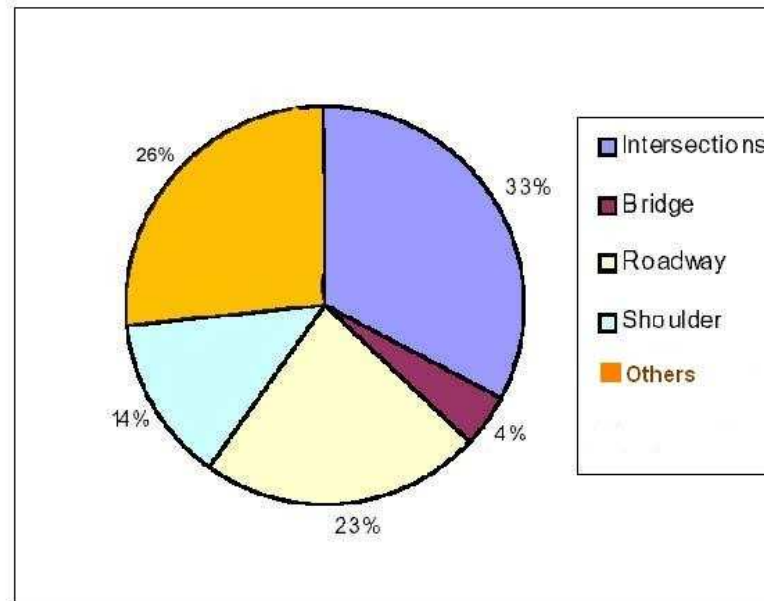
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# Pedestrians are Most at Risk



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# High Risk Locations



Source: ADB

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# Lead iRAP Philippines Partners



**Automobile Association  
Philippines**



**UP National Center for  
Transportation Studies**



**Department of  
Transportation and  
Communications**



**Department of Public  
Works and Highways**

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# iRAP Highway Network

- Approx. ~3,000km
- Focus on Asian Highway Network
- Focus on Luzon incl. arterials in Metro Manila



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# Preliminary Timeframe

Project Task	Expected Timing
Initial Workshop	Completed(12 Sep 2008)
Identification of funding sources	Dec 2008
Official approval to proceed	Feb 2008
Commencement mission and project launch	Mar 2009
Collation of background data	Mar 2009
Road survey	Mar - Apr 2009
Video rating assessment	May - June 2009
Data analysis and review	June - Sep 2009
Reporting	Oct - Nov 2009
Launch of results	Dec 2009
Post-project support	January-June 2010

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# Future Development

The completion of the iRAP project is the commencement of the implementation stage of the program. This includes:

- Linking iRAP outcomes to planning and policy sessions within Government .
- Detailed planning activities associated with the review, design, financing and implementation of the IRAP recommendations.
- Planning for the extension of the iRAP surveys to further roads as deemed appropriate.
- Involvement in support activities in the Region as part of the iRAP Asia Pacific operations (e.g. workshops and sharing of knowledge).

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**THANK YOU !**

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