

Technical Report Documentation Page

1. Report No. UMTRI-2008-1		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle Road Safety in China: Challenges and Opportunities				5. Report Date January 2008	
				6. Performing Organization Code 383818	
7. Author(s) Zhang, W., Tsimhoni, O., Sivak, M., and Flannagan, M.J.				8. Performing Organization Report No. UMTRI-2008-1	
9. Performing Organization Name and Address The University of Michigan Transportation Research Institute 2901 Baxter Road Ann Arbor, Michigan 48109-2150 U.S.A.				10. Work Unit no. (TRAIS)	
				11. Contract or Grant No.	
12. Sponsoring Agency Name and Address The University of Michigan Strategic Worldwide Transportation 2020				13. Type of Report and Period Covered	
				14. Sponsoring Agency Code	
15. Supplementary Notes The current members of Strategic Worldwide Transportation 2020 include ArvinMeritor, Bosch, Continental Teves, Ford Motor Company, General Motors, Nissan Technical Center North America, Toyota Motor Engineering and Manufacturing North America, and TRW. Information about Strategic Worldwide Transportation 2020 is available at: http://www.umich.edu/~umtriswt					
16. Abstract <p>China has the world's largest population, is the second largest automobile market, and is the third largest world economy. China's economy is booming, resulting in a rapid increase in both the road infrastructure and the access to private vehicles. As a consequence, China faces unprecedented road safety issues.</p> <p>The present report was designed to analyze the Chinese road safety situation and to identify countermeasures that would address areas in which the total harm caused by crashes can be substantially and readily reduced. The report focuses on two aspects of road safety in China, challenges and opportunities. In the first part, the report provides a comprehensive analysis of the current road safety situation in China and the likely future trends. Based on this analysis, the following four areas were identified as having potential for substantially reducing fatalities in China: pedestrians and other non-motorists, nighttime driving, vehicle passengers, and motorcycles. In the second part, the report discusses several promising countermeasures for each of these four areas.</p>					
17. Key Words China, road safety, transportation safety, traffic accidents, road fatalities, motorization, driving, countermeasures				18. Distribution Statement Unlimited	
19. Security Classification (of this report) None		20. Security Classification (of this page) None		21. No. of Pages 42	22. Price