

Technical Report Documentation Page

1. Report No. UMTRI-2012-29		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle Road Safety in Two European Megacities: London and Paris				5. Report Date December 2012	
				6. Performing Organization Code 383818	
7. Author(s) Brandon Schoettle and Michael Sivak				8. Performing Organization Report No. UMTRI-2012-29	
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 Sustainable Worldwide Transportation				13. Type of Report and Period Covered	
				14. Sponsoring Agency Code	
15. Supplementary Notes The current members of Sustainable Worldwide Transportation include Autoliv Electronics, Bridgestone Americas Tire Operations, China FAW Group, General Motors, Honda R&D Americas, Meritor WABCO, Michelin Americas Research, Nissan Technical Center North America, Renault, Saudi Aramco, Toyota Motor Engineering and Manufacturing North America, and Volkswagen Group of North America. Information about Sustainable Worldwide Transportation is available at: http://www.umich.edu/~umtriswt					
16. Abstract <p>This study examined road safety in two European megacities, London and Paris. Patterns of fatal crashes (both cities) and all crashes (London only) were compared with crash patterns for each respective nation as a whole. The data for London and the U.K. came from the Department for Transport, and included detailed crash data from 2005 to 2011. The data for Paris and France came from ONISR, and included summaries of fatal crashes from 2007 to 2011.</p> <p>The results indicate that population demographics and traffic crashes in these two megacities tend to differ in numerous aspects when compared to the respective national averages. Traffic-crash patterns differed on aspects related to when and where crashes occur, who is involved, number of vehicles involved, weather and light conditions, and pre-crash driver actions. Similarities and differences between these two European megacities and two U.S. megacities (New York and Los Angeles) are also discussed.</p>					
17. Key Words megacities, road safety, London, Paris				18. Distribution Statement Unlimited	
19. Security Classification (of this report) None		20. Security Classification (of this page) None		21. No. of Pages 35	
22. Price					