**Technical Report Documentation Page** 

reclinical nepoli bocumentation rage				
1. Report No.	Government Accession No.	Recipient's Catalog No.		
UMTRI-2011-43				
4. Title and Subtitle	5. Report Date			
Recent Changes in the Age Composition of Drivers in 15 Countries		October 2011		
		6. Performing Organization Code		
	383818			
7. Author(s)		8. Performing Organization Report No.		
Michael Sivak and Brandon Scho	UMTRI-2011-43			
9. Performing Organization Name and Address	10. Work Unit no. (TRAIS)			
The University of Michigan				
Transportation Research Institute	11. Contract or Grant No.			
2901 Baxter Road				
Ann Arbor, Michigan 48109-215				
12. Sponsoring Agency Name and Address		13. Type of Report and Period Covered		
The University of Michigan		14 Changaring Agansy Code		
Sustainable Worldwide Transportation		14. Sponsoring Agency Code		

## 15. Supplementary Notes

The current members of Sustainable Worldwide Transportation include Autoliv Electronics, China FAW Group, FIA Foundation for the Automobile and Society, General Motors, Honda R&D Americas, Meritor WABCO, Michelin Americas Research, Nissan Technical Center North America, Renault, Saudi Aramco, and Toyota Motor Engineering and Manufacturing North America. Information about Sustainable Worldwide Transportation is available at: <a href="http://www.umich.edu/~umtriswt">http://www.umich.edu/~umtriswt</a>

## 16. Abstract

The age distribution of drivers has major implications for vehicle demand, transportation safety, and environmental consequences of personal transportation. This study examined the recent changes in the percentage of persons with a driver's license in 15 countries as a function of age. The countries included were Canada, Finland, Germany, Great Britain, Israel, Japan, Latvia, the Netherlands, Norway, Poland, South Korea, Spain, Sweden, Switzerland, and the U.S.A. The results indicate two patterns of change over time. In one pattern (observed for eight countries), there was a *decrease* in the percentage of young people with a driver's license, and an *increase* in the percentage of older people with a driver's license. In the other pattern (observed for the other seven countries), there was an *increase* in the percentage of people with a driver's license in all age categories.

A regression analysis was performed on the data for young drivers in the 15 countries to explore the relationship between licensing and a variety of societal parameters. Of particular note was the finding that a higher proportion of internet users was associated with a lower licensure rate. This finding is consistent with the hypothesis that access to virtual contact reduces the need for actual contact among young people.

17. Key Words				18. Distribution Statement	
driver's licenses, driver age, international trends, internet usage  Unlimited					
19. Security Classification (of this report)	20. Security Classification (of this page)	21. No. of Pages		22. Price	
None	None	25			