## **Technical Report Documentation Page**

1. Report No.	Government Accession No.	Recipient's Catalog No.
SWT-2018-3		
4. Title and Subtitle		5. Report Date
Mortality from Road Crashes in the Individual U.S. States:		February 2018
A Comparison with Leading Causes of Death in 2015		6. Performing Organization Code
		383818
7. Author(s)		8. Performing Organization Report No.
Michael Sivak and Brandon Schoettle		SWT-2018-3
9. Performing Organization Name and Address		10. Work Unit no. (TRAIS)
The University of Michigan		
Sustainable Worldwide Transportation		11. Contract or Grant No.
2901 Baxter Road		
Ann Arbor, Michigan 48109-2	2150 U.S.A.	
12. Sponsoring Agency Name and Address		13. Type of Report and Period Covered
The University of Michigan		
Sustainable Worldwide Transportation		14. Sponsoring Agency Code
http://www.umich.edu/~umtri	swt	
15. Supplementary Notes		*

## 16. Abstract

This study compared, for each U.S. state, the fatalities per population from road crashes with fatalities per population from five leading causes of death (heart diseases, cancer, lung diseases, strokes, and Alzheimer's disease) and from all causes. The data, applicable to 2015, came from the Centers for Disease Control and Prevention, and the National Highway Traffic Safety Administration.

The main findings are as follows:

- (1) In the United States, there were 10.9 fatalities from road crashes per 100,000 population, as compared with 197.2 from heart diseases, 185.4 from cancer, 48.2 from lung diseases, 43.7 from strokes, and 34.4 from Alzheimer's disease. The highest fatality rate from road crashes was in Wyoming (24.7) and the lowest in the District of Columbia (3.4).
- (2) In the United States, fatalities from road crashes represented 1.3% of fatalities from all causes. The highest percentage was in Wyoming (3.0%) and the lowest in Rhode Island (0.4%).
- (3) In the United States, fatalities from road crashes corresponded to 5.5% of fatalities from heart diseases, 5.9% of fatalities from cancer, 22.6% of fatalities from lung diseases, 25.0% of fatalities from strokes, and 31.7% of fatalities from Alzheimer's disease.
- (4) Fatalities from road crashes as a percentage of fatalities from other causes of death varied greatly among the states. For example, fatalities from road crashes as a percentage of fatalities from Alzheimer's disease ranged from 96.0% in Wyoming to 9.9% in Rhode Island.

17. Key Words			18. Distribution Statement
Road crashes, public-health perspective, leading causes of death,			Unlimited
heart disease, cancer, lung d			
19. Security Classification (of this report)	20. Security Classification (of this page)	21. No. of Pages	22. Price
None	None	36	