

1. Report No. UMTRI-2015-4		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle Fuel-Economy Distributions of Purchased New Vehicles in the U.S.: Model Years 2008 and 2014				5. Report Date February 2015	
				6. Performing Organization Code 383818	
7. Author(s) Michael Sivak and Brandon Schoettle				8. Performing Organization Report No. UMTRI-2015-4	
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 Information about Sustainable Worldwide Transportation is available at http://www.umich.edu/~umtriswt .					
16. Abstract We have recently shown that the average EPA-rated fuel economy of purchased, new, light-duty vehicles in the U.S. improved from 20.8 mpg for model year 2008 vehicles to 25.3 mpg for model year 2014 vehicles. This report provides information about the changes in the sales-weighted distributions of fuel economy for the same model years. The findings indicate that the improvements are also present throughout the distributions of vehicle fuel economy. For example, (1) 22.2% of model year 2008 vehicles had fuel economy lower than 16.0 mpg, as compared with only 3.2% of model year 2014 vehicles, and (2) only 1.3% of model year 2008 vehicles had fuel economy of 32.0 mpg or higher, as compared with 16.7% of model year 2014 vehicles.					
17. Key Words Fuel economy, distribution, new vehicles, cars, light-duty vehicles				18. Distribution Statement Unlimited	
19. Security Classification (of this report) None	20. Security Classification (of this page) None	21. No. of Pages 9	22. Price		