

An Overview of Electric Scooter Trends: A Literature Review

Eva Bohlender,*¹ Mallory Callins,*¹ Sarah Radecki*¹

Faculty: Corey Rogers¹

¹Department of Physician Assistant, Wichita State University College Health Sciences

This paper presents a literature review of the known function, uses, benefits, costs, and injury trends that have been reported with the emergence of electric scooters (e-scooters) in the United States. With the rise in e-scooter use and the more widespread availability of these devices they have shown themselves to be a convenient alternative to the traditional means of transportation. However, they also are associated with many costs, such as jeopardizing pedestrian safety and causing personal harm to users. Additionally, there is evidence that these scooters may not be used as originally designed and this is also a personal and public safety issue. Injury trends in particular are a significant portion of the cost associated with the use of these devices. This paper outlines many trends associated with e-scooter injuries; some that are explored are demographic, gender, age, substance use, as well as injury types, locations, and outcomes.