# Inequality in usage of bicycles: A literature review

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| Fairness and justice in transport provision, or the lack thereof, is a growing concern among both researchers and policy makers, and it is vital for transport planners and decision-makers to undertake measures to tackle such issues. Fairness in transportation is defined based on the concepts of both equality and equity. Unequal usage of transportation modes can be one of the results of inequitable transport systems or arise from populations’ different desires about using bicycles. Understanding the differences between the two aforementioned causes of unequal usage of bicycles and implementing appropriate cycling policies can increase bicycle usage, as well as provide an equitable cycling environment. Primarily, researchers have focused on solving inequality of usage issues related to public transportation, however, there are a number of studies, albeit limitedly that consider inequality in bicycle usage. The aim of this study is to, firstly, provide a better insight into conceptual differences between inequality of usage and inequity, and also to highlight the importance of analysing unequal usage of bicycles. Secondly, this study attempts to review inequalities in usage of bicycles, including private bicycles and bicycle sharing systems, in order to highlight the differences between usage behaviour of different population groups and communities. Finally, recommendations to reduce inequality of usage of bicycles are provided, to support better policy-making, and further research needs are highlighted. |