

Research of usage of urban bikes stations in Bielsko-Biała

The article presents an analysis of the rentals and returns of bikes to "BBbike" city bike stations located in Bielsko-Biała. This analysis covered the period from April to June 2019 and the same period in 2020, except for the month of April, in which, due to the prevailing state of the pandemic in Poland, the "BBbike" system did not function.

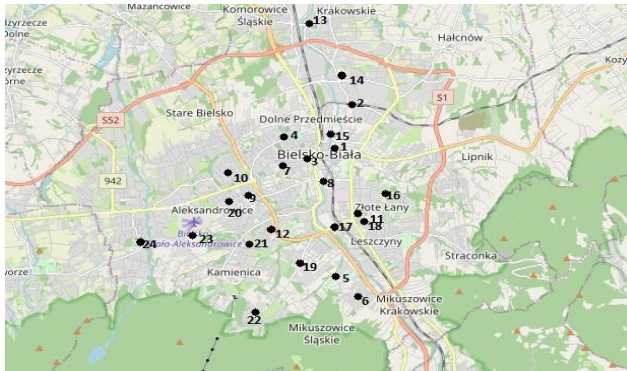


Fig. 1. Map of city bike stations in Bielsko-Biała.



Fig. 2. An exemplary „Bbbike” urban bike station.

The article presents an analysis of bike rentals and returns to "BBbike" city bike stations located in Bielsko-Biała. The three months of 2019 and 2020 were compared. Based on the presented analysis, the following conclusions were formulated:

- * bicycle stations located near shopping centers, recreational areas such as: the promenade next to the airport or the mountain trail, are the most popular among users.
- * the highest number of rentals took place in June (both in 2019 and in 2020), which is probably influenced by the end of the school and academic year and the change to the warmest season, which is associated with a greater willingness to exercise among people.
- * the current SARS-CoV-19 pandemic has a very negative impact on the operation of the city bike system, which brings a small number of rentals.

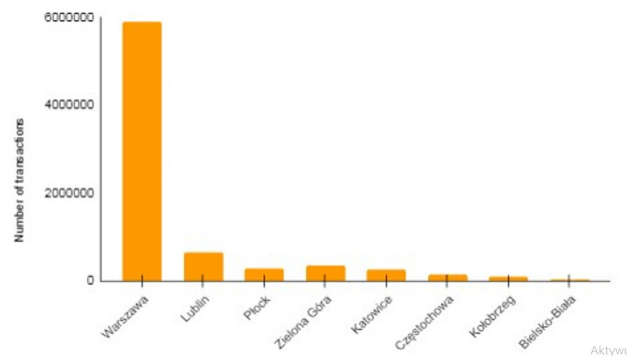


Fig. 3. Number of rentals from urban bikes stations in chosen cities in Poland in year 2019.



Fig. 4. Summary of the total number of rentals and returns, specified in specific months.