

# Analysis of changes in European air traffic flow after the 2022 armed conflict in Ukraine

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## Abstract:

The article presents the scale of the impact of the war in Ukraine on air traffic within neighboring countries. When assessing the scale of the impact of the war, the airspace of European countries whose borders are shared with countries involved in the armed conflict was analyzed. The change in the number of flights, expressed as a percentage share of flights over the years 2016-2022, was used as an assessment criterion. The average delays in the years 2019-2022 were also rated. During the analysis of changes, the alleged reasons for delays resulting from the comprehensive reorganization of air traffic were shown. Although the gradual restoration of air connections after the COVID-19 pandemic made it difficult to precisely assess, the changes despite the above, the research work allowed for the specification of the airspace of countries with a particular increase in the number of flights. In addition, the location of airports with an increased number of airport operations was showed, as a result of the work.