


Results of the financial and economic assessment of the implementation of ECE 22.06 motorcycle helmet safety regulation in Ukraine¹



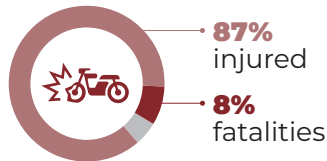
Report on research conducted in April-June 2025 by the Institute for Economics and Forecasting of the National Academy of Sciences of Ukraine, commissioned by Advocacy Center "LIFE"

The issue

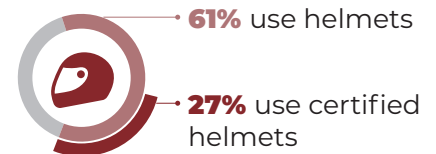
 **312 867** years of life lost due to premature death or living with disability, caused by traffic accidents in Ukraine (DALY, 2021)²

years of life lost due to motorcycle rider injuries (DALY, 2021) **26 283** 

Consequences of traffic accidents involving motorcycles and mopeds in 2024



Helmet use among motorcycle and moped riders
(according to a 2025 survey by KIIS)



Estimated costs of healthcare for people injured in accidents involving motorcycles and mopeds in 2024

assuming current helmet use rate (61%)


156 million UAH
estimated annual healthcare costs




up to 472 million UAH
increase in costs by 2030

Macroeconomic losses³

Estimated losses to the national budget caused by accidents involving motorcycles and mopeds in 2024

 **30,6 – 34,5 billion UAH**
(0,4% – 0,45% of GDP)
total losses from fatalities and injuries

 **4,7 – 14,4 million UAH**
economical losses from a single fatality

Potential individual healthcare and welfare costs⁴

 **6800 – 23000 UAH**
for minor injuries and temporary incapacity to work

 **up to 5 400 000 UAH**
for major injuries and acquired disability



2500 UAH
starting price of ECE 22.06 certified helmets in Ukraine



Using a helmet → potential individual healthcare savings of, on average, **23%**

Life is priceless!

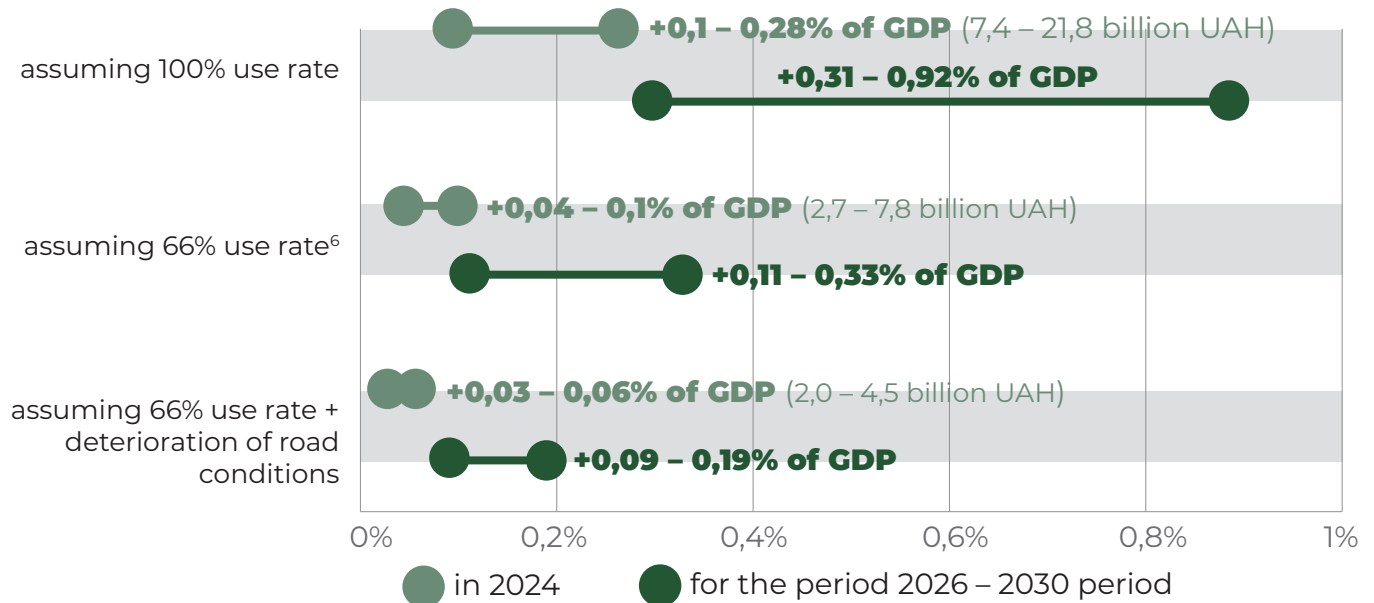
Economic impact of implementing ECE No. 22.06 motorcycle helmet safety regulation

Potential savings in public healthcare spending by 2030⁵ depending on the rate of certified motorcycle helmet use



Socio-economic impact of implementing ECE No. 22.06

under various scenarios of certified motorcycle helmet use



Conclusions

Implementing ECE No. 22.06 in Ukraine will:

- ✓ reduce costs for the national budget and economy;
- ✓ reduce injury and fatality rates among drivers and passengers of motorcycles and mopeds;
- ✓ contribute to the preservation of human capital;
- ✓ save up to **1% of Ukraine's GDP for the national budget by 2030.**

[1] United Nations Regulation No. 22. Uniform provisions concerning the approval of protective helmets, of their visors for drivers and passengers of motorcycles and mopeds

[2] Global Burden of Disease Study (2021) Data Recourses. Ukraine. DALY. Road Injury. <https://vizhub.healthdata.org/gbd-results>

[3] Based on calculations of lost human capital and the social value of loss of life and health

[4] Conducted based on the adaptation of the MAIS international standardized injury severity scale and the scope of medical care provided after a traffic accident, taking into account helmet use

[5] Based on a multi-variable scenario assessment of public healthcare spending in Ukraine, according to four scenarios for the period from 2026 to 2030

[7] Percentage of drivers who support the introduction of ECE (KIIS,2025)

