

Surveys on safety performance indicators in Switzerland: results and methodological issues

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Abstract

Not only accident data is important for the evaluation of road safety. Also other performance indicators are relevant to judge an overall performance. The Council for accident prevention conducts various surveys on road safety performance indicators for several years. Some of them are also included in the IRTAD database. In detail these are surveys on seatbelt use of drivers and passengers, on use and misuse of child restraint systems (CRS), on helmet use on mopeds, motorcycles and bicycles and on use of daytime running lights. Most of these surveys are conducted annually. The survey on CRS is carried out every five years.

The paper presents key issues on methodological and practical framework of the surveys, including sampling and stratification, computation of results and proper confidence intervals. The results show insightfully long term trends in safety behaviour of road users.