3.2 RISK EXPOSURE

A structure of needs of risk exposures for road accident analysis
by
Goran Nilsson
National Swedish Road and Traffic Research Institute

ABSTRACT

In the continuous R&D work, carried out at the National Swedish Road and Traffic Research Institute, different measurements for road accidents are tested in order to find measurements to be used in different decision procedures, intended to result in measures. The first requirement is that the accident measurements shall allow relevant comparisons between different groups of road-users and/or different road and traffic conditions.

When developing accident measurements it is essential to define and to deduce traffic measurements, that show strong correlations with the number of accidents. These traffic measurements are called risk exposures.

Editors note: The full report, number 144A, 1978, can be obtained from the National Swedish Road & Traffic Research Institute, P.O. Box S-58101 Linkoping, Sweden.