

PERCEIVED EFFECTIVENESS OF SPEED-LIMIT RESTRICTIONS ALONG COMMONWEALTH AVENUE, QUEZON CITY

ABSTRACT

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Road crashes remain a public-safety concern along Commonwealth Avenue in Quezon City. The road's wide, multilane design may permit high travel speeds that increase collision risk and severity. Authorities have enforced maximum speed limits of 60 km/h for most vehicles and 50 km/h for buses and trucks under Section 35 of Republic Act No. 4136. This study assessed respondents' perceptions of the effectiveness of these speed-limit restrictions. The study used a quantitative descriptive design. Structured questionnaires were administered to 50 motorists, traffic officials, and residents. The survey collected age, sex, educational attainment, and driving experience and assessed perceived effectiveness in terms of accident severity, accident rate, physical injuries, and fatality ratio. Data were analyzed using frequency distribution, percentage, ranking, and weighted mean. Respondents were mostly aged 18–25 (42%), followed by those aged 26–33 (20%). Most were male (94%), while 6% were female. College graduates formed the largest education group (24%), followed by college-level respondents (22%). Driving experience of one to three years was most common (38%), while 12% had at least 10 years of experience. Respondents rated the restriction as "Very Effective" for reducing accident severity (weighted mean = 3.47) and accident rate (weighted mean = 3.58). Physical-injury rate and fatality ratio each obtained a weighted mean of 3.5 and were interpreted as "Effective." The findings indicate that respondents perceived speed-limit enforcement along Commonwealth Avenue as effective in supporting road safety. Continued enforcement, driver education, and monitoring are recommended. Actual conclusions regarding reductions in crashes, injuries, or fatalities require objective traffic and incident data.

RECOMMENDED CITATION

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