

## Pengaruh proporsi sepeda motor terhadap kecepatan arus lalu lintas.

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### Abstrak

Road transport system that has not been effective, resulting in some people prefer a type of mode for transport was motorcycle is viewed as having advantages in terms of mobility, accesibilitas and economically, so that the proportion of motorcycles on the road now reaches 65%. Changes in road transportation system due to the high number of users of motorcycles and behavior has. If not treated, transportation system of roads and accidents will be worse. In this paper, we want to give the effect of the number of motorcycles on the road to the road to the speed of vehicles that can be developed by the driver, and also model the relationship as one of alternative answers in determining the proportion of motorcycles on the streets. Relationship variables that are intended, obtained from traffic counting amount of each type of and it speed in each range of time--per-five-minutes, the data is grouped in intervals poroporsi number of motorcycles that is, conditions 1:10% up to 35%, condition 2:35% s/d 75% and 3 conditions: a merger. regresion analysis methods showed there was a positive and significant correlation coefficients with the indicator for the condition 1 of 0.67, the condition 2 of 0.59 and 0.66 for condition 3. It means that the number of motorcycle affect traffic flow velocity.