**Source of Funding:** None.

**Abstract #: 2.009_NCD**

**Factors Associated with Child Passenger Motorcycle Helmet Use in Cambodia**

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**Background:** Cambodia has the highest motorcycle death rate in South East Asia. Helmets are effective at decreasing injuries and death, we sought to analyze several risk factors associated with child-passenger helmet use in Cambodia. To gain insight into how we might increase child-passenger helmet use in five provinces in Cambodia.

**Methods:** Roadside observations in five Cambodian provinces were conducted periodically between July, 2010 and May, 2014. We used a multiple logistic regression model to calculate adjusted odds ratios for the association between child passenger helmet use and driver helmet use, number of passengers on a motorcycle, number of children on a motorcycle, province, day of the week, and time of day.

**Findings:** During the 4-year study period, 55,747 motorcycles were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger. There were 65,819 child passengers in total. Due to missing data, 3780 children were observed to have at least one child passenger.