

Faktor-faktor yang Berhubungan dengan Kejadian Malaria di Tanah Papua (Analisis Data Survei Kesehatan Indonesia Tahun 2023)

Marisa, Amelia

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Abstrak

Malaria masih menjadi masalah kesehatan masyarakat di wilayah timur Indonesia. Penelitian ini bertujuan menganalisis faktor-faktor yang berhubungan dengan kejadian malaria di Tanah Papua berdasarkan data Survei Kesehatan Indonesia (SKI) 2023. Penelitian ini menggunakan desain cross-sectional analitik dengan pendekatan kasus dan non-kasus. Data berasal dari SKI 2023 yang mencakup 37.036 responden dari wilayah Papua. Kasus didefinisikan sebagai individu yang mengalami malaria dalam

Malaria remains a public health issue in eastern Indonesia. This study aimed to analyze factors associated with malaria incidence in Tanah Papua based on data from the 2023 Indonesia Health Survey (SKI 2023). The study employed an analytical cross-sectional design with a case and non-case approach. The data were drawn from SKI 2023 and included 37,036 respondents from the Papua region. A malaria case was defined as an individual who had experienced malaria within the past month. Analyses were conducted using univariate, bivariate, and multivariate methods with logistic regression to calculate the Prevalence Odds Ratio (POR). The malaria prevalence was recorded at 4.80%. Factors significantly associated with malaria incidence included education level, type of occupation, household size, and interactions between age and sex, ventilation and bed net use, as well as age and mosquito repellent use. The strongest association was observed in the interaction between age and sex, in which males aged over 46 years had 2.85 times higher odds of having malaria compared to female children under five years. Malaria incidence in Tanah Papua remains high and is influenced by a complex interplay of individual characteristics and environmental factors, including preventive behaviors.