

ABSTRACT

The number of suspected measles cases in East Java in 2020 was 223 cases, while in 2021 there was an increase in cases to 388 with details of 189 being male and 199 cases being female. The incidence rate of suspected measles for both male and female sexes has the same magnitude, namely 0.5/100,000 population and the general incidence rate for suspected measles in East Java is 1.0/100,000 population. The purpose of this study was to determine the relationship between working mothers and advanced measles immunization coverage in children aged 18-24 months at the Brondong Community Health Center, Lamongan Regency.

This type of research is analytic with a cross sectional approach. The population in this study were all mothers who had children aged 18-24 months whose advanced measles immunization was carried out at the Brondong Community Health Center, Lamongan Regency, totaling 159 people and the sample in this study were 113 people. The data were obtained by looking at the secondary data from the MCH book, and were analyzed using the Chi Square statistical test at $\alpha = 0.05$. On December 05, 2022.

The results showed that mothers who had children aged 18-24 months at the Brondong Health Center in Lamongan Regency had employment status: working by 62 people (55%), the most coverage of advanced measles immunization at the Brondong Health Center in Lamongan Regency was the most unimmunized by 55%.

Based on the test results using the Chi Square test the expectation value is 0 cell (0%) so that the Fisher Exact Test is not needed, and a significant level value is obtained $p = 0.000$ $X^2 = 14.380$, H_1 is accepted meaning that there is a relationship between working mothers and the coverage of advanced measles immunization in children aged 18-24 months at the Brondong Community Health Center, Lamongan Regency.

Suggestions Working mothers who have children under two are expected to be more concerned about and actively seek information about advanced measles immunization and bring their children to participate in advanced measles immunization according to the schedule. To the Brondong Community Health Center to be more enthusiastic about providing counseling about immunization to mothers who have babies and under-fives.

Keywords: Working Mothers, Advanced Measles Immunization, Children aged 18-24 months