

## ABSTRACT



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### FACTORS RELATING LOW BIRTH WEIGHT (LBW) IN PUSKESMAS LARANGAN UTARA, TANGERANG CITY

xviii+VI Chapter, 93 pages, 18 tables , 2 image, 4 attachment

**Background :** Low Birth Weight (LBW) is a major factor in the increased mortality, morbidity, and neonatal, infant and child disability and has long-term effects on life in their future. Based on Tangerang City Health Profile in 2015 out of 36,062 baby born alive there are 304 (0.8%) LBW babies. The purpose of this research to determine the factors related to the incidence of low birth weight (LBW) in Puskesmas Larangan Utara, Tangerang City.

**Objective :** To determine the factors related to the incidence of low birth weight (LBW) in Puskesmas Larangan Utara, Tangerang City.

**Methods:** This research is descriptive analytic research using cross sectional study design with a sampling technique using total sampling. Data of variables were analyzed using chi-square test and multivariable analysis with logistic regression test.

**Results :** The result of bivariate analysis showed there is correlation between maternal age ( $p = 0,020$ ), maternal education ( $p = 0,072$ ), parity ( $p = 0,044$ ), pregnancy distance ( $p = 0,044$ ), maternal weight gain during pregnancy ( $p = 0,022$ ) ( $p = 0,022$ ), visit of ANC ( $p = 0,001$ ) and maternal disease ( $p = 0,035$ ) with incidence of LBW. Result of multivariable analysis showed that maternal age had the most influence to low birth weight incident (LBW) (OR = 14,840).

**Conclusion :** There is a relationship between maternal characteristics (maternal age, maternal education, number of parity, gestational distance), maternal weight gain during pregnancy, upper arm circumference status (LILA), adherence to Fe tablets, anemia status, ANC visit, and maternal disease during pregnancy with LBW incidence. The most influential variable on the incidence of low birth weight (LBW) is the mother's age.

**Keywords:** low birth weight, factor, pregnant women

**Reading List :** 91 (2000-2016)