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DIAN OKTIARA BAHMAT, NIM: 201332154

CORELATION OF ZINC, VITAMIN A AND IRON INTAKE OF TODDLERS (24-59 MONTH) AND MATERNAL EDUCATION WITH *STUNTING* IN ISLANDS NUSA TENGGARA (SECONDERY DATA ANALYSIS OF RISKESDAS 2010)

VI Bab, 101 Pages, 17 Tables, 7 Graphs, 1 Pictures

Background : In 2010, prevalence of stunting in Indonesia are 35,6%, Nusa Tenggara Island have the highest prevalence of *stunting*, in the East Nusa Tenggara province at 58,4% and West Nusa Tenggara Province of 48,3%. This prevalence is higher than the national prevalence of (35,6%) (Riskesdas, 2010).

Purpose : This research is knew the correlation intake of zinc, vitamin A, iron in infants (24-59 months) and the incidence of stunting in Nusa Tenggara Islands.

Methods : This research is cross-sectional study design. The sample of aged 24-59 month in Nusa Tenggara island (n=318). This study use secondary data Riskesdas 2010. Analysis using Corelations Pearson and the Multiple Regression Linear.

Results : Toddlers in the Nusa Tenggara islands had prevalence of stunting (61.3%). The average of zinc intake in the Nusa Tenggara Island $2,34 \pm 1,062$ mg (46,8% RDA), vitamin A intake $233,59 \mu\text{g} \pm 121,006$ (51,9% RDA) and iron intake $2,69 \text{ mg} \pm 1,385$ (29,8% RDA). There is a significant relationship between zinc intake and incidence of *stunting* ($p=0,000$), iron intake and incidence of *stunting* ($p=0,007$), but there was not relationship between vitamin A ($p=0,982$) incidence *stunting*. Zinc and iron is the variable has the most influence on incidence *stunting* toddlers (24-59 month) in Nusa Tenggara islands.

Conclusion : The needed for nutritional counseling program or a more intensive socialization in health centers / Posyandu in infants to mothers, related to the impact of low intake of zinc , vitamin A and iron stunting.

Keywords : Incidence of *stunting* , Child Age 24-59 Month, Intake Zinc, Vitamin A, and Iron Intake.

Read List : 58 (1999-2014)