The factors related to the mothers' interest in weighing the 1-5 years old toddlers

Andi Kasrida Dahlan

Universitas Aisyiyah Yogyakarta, Yogyakarta, Indonesia

Corresponding author’s email: idhamatahari09@gmail.com

The description of mothers' interest in using the health equipment has been shown clearly by the effectiveness of Posyandu program through the scope of weighing the toddlers in Posyandu. There are some factors that can affect the interest of a mother to do the weighing, such as age, education, occupation, and knowledge. The older a mother, the higher of interest to do so. The aim of this research is to know the factors related to the mothers' interest in weighing their toddlers age 1-5 in Posyandu at Puskesmas Bara Permai Palopo city. This research is a quantitative research with cross sectional design. The samples of this research are mothers who visited the Puskesmas Bara Permai in 2013 with the total sample of 63 mothers. The results of this research shows that age, education, work status, and knowledge have the significant relation between the interest of a mother in weighing their toddler where the value of p is ≤ 0,05. For the staffs, they need to increase the distribution of information about the importance of weighing the toddlers age 1-5 years old to increase the quality of toddlers life.

Keywords: mothers' interest in weighing, the toddlers age 1-5 years old

1. INTRODUCTION

Posyandu is one of efforts based on a community service managed and organized from, by, for and with the community in order to empower the community and provide convenience to the public in obtaining basic health services. In this case it takes effort to improve people's nutrition other than as a separate program and integrated into other health. One of the integration efforts is an attempt to improve nutrition in Posyandu such as weighing in infants, toddlers early detection of growth disorders, and provision of vitamin A (Depkes, 2006). Posyandu activities have greatly contributed to the nutrition improvement. This is supported by the assumption that the Posyandu is one of appropriate approaches to improve the nutritional status of children under five. (Adisasmito, 2007).

Growth monitoring is very important to be done to determine the existence of growth barriers at an early stage. Growth and development of children could be influenced by a factor of mothers’ interest to attempt to perform weighing on her children in Posyandu. To know the growth and development of children, it is necessary to weigh children once a month. (Depkes, 2006).

Data research was obtained from Puskesmas Bara Permai Palopo in 2012. The data was taken from all infants who ever visited the Puskesmas, which is 70% of 175 toddlers’ population in that place. This shows that number of infants coming for weighing is still less than expected (Puskesmas Profile Bara Permai, 2012). According to the Ministry of Health, If the number of
toddlers in certain regions is equal to the number of mothers visited a Posyandu, then it means that the society in that region has high motivation and positive interest (Depkes, 2009).

The mothers’ interest in weighing their toddlers in Posyandu is one of the description how mothers utilize maternal health services. Meanwhile, according to Ahadi (2005), there are several factors that can affect a person's interest in doing something such as age, education, occupation, and knowledge. Related to the age, as an example, when age increasing, the higher motivation of one has to act to obtain his interest.

Based on the description above, we are interested in conducting research on "Factors associated with maternal interest in weighing children aged 1-5 years in Posyandu of Puskesmas Bara Permai Palopo Year 2013".

2. RESEARCH METHODOLOGY

This research is quantitative with cross sectional design. This study was conducted in May - June 2013 in IHC Puskesmas Bara Permai Palopo 2013. The samples in this study were 63 mothers who have children aged 1-5 years old coming to visit the health center in Puskesmas Bara Permai in 2013. Sampling used was purposive sampling. Data collection techniques were done with interviews and questionnaires. Primary data were through interviews and questionnaires research that includes data about maternal interest in weighing children 1-5 years in Posyandu. Secondary data such as official data sources from local offices, the number of infants, and any other data that support this research. The method of measurement used was a Guttman scale and Likert scale.

3. RESULTS AND DISCUSSIONS

The association between age and maternal interest in weighing children aged 1-5 years in posyandu of puskesmas bara permai palopo year 2013

Interest is the tendency of behavior that leads to a definite goal, activities or exciting experience of each individual. Therefore, if an individual or a person is interested in something, then it means he has set a goal before. (Ahadi, 2005).

Based on the results of the study showed that of the 63 respondents, age <35 had the highest positive interest, which were 27 mothers (42.9%), while the mothers who had negative interest were 15 (23.8%). The age ≥ 35 years with positive interest accounts for 8 people, or 12.7%, while 13 respondents (20.6%) with negative interest.

Results of statistical test using chi-square where x2 count: 4.998 x2 tabel : 3.861a with the power level of relationship is seen from the value of phi : 0.561.

The data in this study is interpreted as no significant relationship between age and mothers’ interest who have children 1-5 years old weighing at posyandu puskesmas working area in palopo city in 2013, with a moderate level of relationship.

This is consistent with the theory that in general the more mature a person, the process of mental development and interest in one will increase, but at certain ages or aging time of the elderly persons, desire or impulse tends to reduce (Ahadi, 2005).

The association between education and mothers’ interest in weighing toddlers 1-5 years old in posyandu of puskesmas bara permai palopo year 2013.

Based on the results of the study showed that of the total 63 samples, the mothers who had positive interest mostly had higher level of education, which were 33 people (52%) and those who
have not positive interest account for 18 people or 28.6%. While those with low education with
good interest account for 2 people or 3.2%, and with low education who are not good interest were
10 people or 15.8%.

Results of statistical test using chi-square where x2 count: 9.079a ≥ x2tabel : 3.861a with the
power level of relationship is seen from the value of phi : 0.680.

Then the interpretation of the data in this study can be concluded that there is significant
relationship between education and the interest mothers weighing their toddlers 1-5 years in the
working area health centers in posyandu palopo city in 2013, with the level of a strong relationship.

This is consistent with the theory that education is an activity or learning process to develop
or improve specific abilities through a learning process. Education also determine whether a person
is easy to absorb and to be motivated to his or her aim. In general, the higher a person's education,
the higher the interest to do something diingikan. (Ahadi, 2005)

However, in certain circumstances, it has been found that most women who have a higher
education with negative interest was because most of them spend more time away from home to
work so that they have lack of time to bring their children to posyandu.

The association between employment status and mothers’ interest weighing toddlers
age 1-5 years old in posyandu of puskesmas bara permai palopo year 2013.

Of the 63 respondents, those who are unemployed had the highest number in positive
interests, which are 21 people (33.4%). The employed respondents account for 12 people (19%)
with negative interest.

The employed respondents having positive interest account for 14 people (22.2%), while
those who have negative interest were 16 people (25%).

Results of statistical test using chi-square where x2 count: 39.97a ≥ x2 table: 3.861a with the
level of relationship is seen from the value of phi : 0.401.

Then the interpretation of the data in this study was concluded as no significant relationship
between employment statuses with the mothers’ interest for weighing their toddlers 1-5 years in the
working area health centers in posyandu palopo city in 2013, with a moderate level of relationship.

This is consistent with the theory that the work is time-consuming activity. Mothers take an
important role in daily life activities, so they will not have enough time to do certain activity they
have to fulfill (Ahadi, 2005).

The association between knowledge and mothers’ interest weighing toddlers age 1-5
years old in posyandu of puskesmas bara permai palopo year 2013.

Knowledge is the result of "know" and this occurred after people perform sensing on a
particular object. Sensing occurs through human senses, the senses of sight, hearing, taste and
touch. Most human knowledge is obtained through the eyes and ears (Azwar, 2007).

Based on the results of the study showed that of the 63 respondents, the high knowledgable
respondents with positive interest amounted to 18 people or 28.6%. Respondents who have high
knowledge with negative interest were 8 people, or 12.8%. While those having sufficient
knowledge with positive interest accounted for 17 people or 27.0%, while the respondents with
negative interest were 10 people (15.8%). Mothers with low level education with not having good
interest were 10 people or 15.8%.
Results of statistical test using chi-square where $x^2$ count: 15.069 and $x^2$ tabel: 5.991a with the level of relationship is seen from the value of phi: 5.991a.

This data can be interpreted as this study was significant relationship between knowledge and interest of mothers of 1-5 years in toddlers weighing at posyandu puskesmas working area of palopo in 2013, with the level of a strong relationship.

The result of this study is equivalent with the theory about the function of knowledge the higher the level of knowledge, the higher the interest is (Azwar, 2007).

4. CONCLUSIONS

Based on the results and discussion and adjusted with the purpose of the research, the conclusions drawn as follows:

There was a significant relation between age and the interests of the mother of children aged 1-5 years in Posyandu Palopo city year 2013, by moderate level of relationship.

There was a significant relations between the education and the interests of mothers of children aged 1-5 years in weighing the children in Posyandu Palopo city year 2013, by moderate level of relations.

There was a significant relation between the work status and interests of the mothers in weighing their children, by level of relation was moderate.

There was a significant relation between knowledge and interests of the mothers in weighing the children in Posyandu Palopo city year 2013, by level of strong relationship.

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BIBLIOGRAPHY