

ABSTRACT

Expanded program on immunization of children against seven preventable diseases (tuberculosis, diphtheria, pertussis, whooping cough, tetanus, polio, hepatitis B and measles) is vital to reduce childhood mortality and morbidity across the world. This study was community based cross sectional both descriptive and analytic survey carried out at North Okkalapa Township in Yangon region. A total of 133 mothers having children under-five year of age in North Okkalapa Township were interviewed using standardized pre-tested semi-structured questionnaires by interviewer.

Out of a total sample of 133 mothers having under-five children, (81.2 percent) of children were fully immunized, (12.0 percent) were partially immunized and (6.8 percent) were non-immunized. Among children who utilized the childhood immunization services, (83.9 percent) of mothers participated in National Immunization Days. According to socio-demographic characteristics of participants, the mean age of mothers was (31.38 ± 5.942) years and majority of mothers (30.1 percent) had attained middle education level. Almost all (94 percent) of mothers were Bamar and most were Buddhist (98 percent). Most of the families (52.6 percent) had monthly family income of 100,000-300,000 kyat and mean income was 130037.59 ± 105784.401 kyat per month. There was statistically significant association between maternal awareness status and education level, monthly family income, family type, family size and place of delivery. Major source of information for immunization was from basic health staffs such as lady health visitor or mid-wife (82.7 percent).

Regarding to the association between utilization of childhood immunization services status and socio-demographic characteristics of participants, there was statistically significant association between utilization status of childhood immunization services and mothers' age, parity and family size. Moreover there was statically significant association between maternal awareness and utilization of mothers on childhood immunization services.