

Immunization Coverage Survey in Umbadda Province **Khartoum State 2003**

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Introduction:-

30 clusters Immunization Coverage Survey is defined as a survey of small number of Individuals to determine their immunization status. The survey technique essentially visiting homes and examining records (cards) as well as obtaining vaccination history. It is usually done in a systemic way s that only a significant number of homes (210), are required to be surveyed in order to obtain valid results within a given precision level.

▪ **Study Objectives:-**

- a) To determine the immunization coverage for children 12-23 months with the six antigens.
- b) To assess the percentage of children protected at birth through estimating mothers of children aged 0-11 months whom received Tetanus Toxoid Vaccine during pregnancy.
- c) To identify reason for non-immunization for both children and women of child bearing age.

▪ **Study design:-**

Descriptive cross sectional health facility – based study

▪ **Study area & study population :**

The study was done in Elamir, Elsalam. & Elbuga localities in Umbada province, in Khartoum state.

▪ **Study population :**

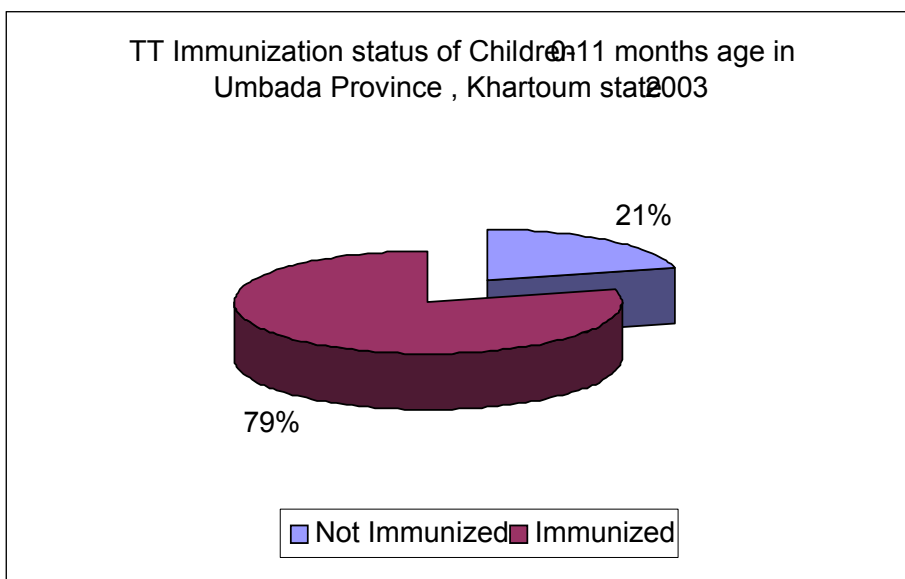
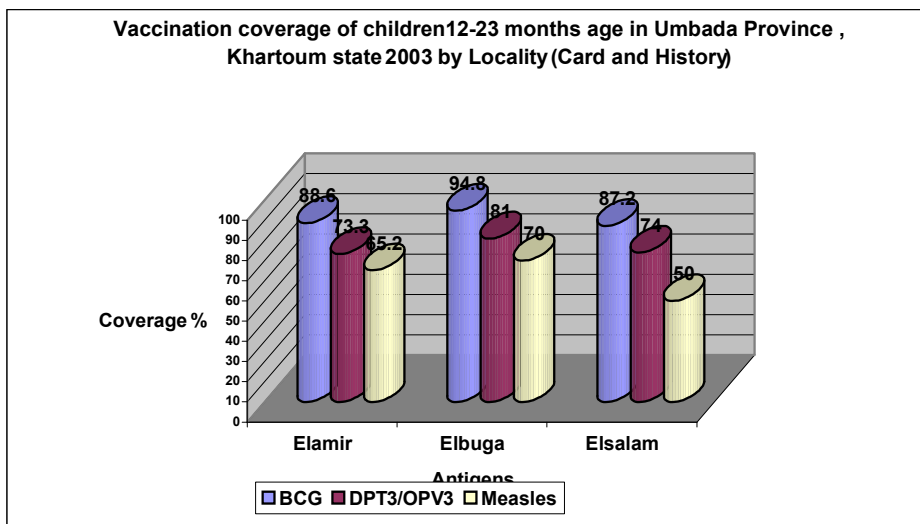
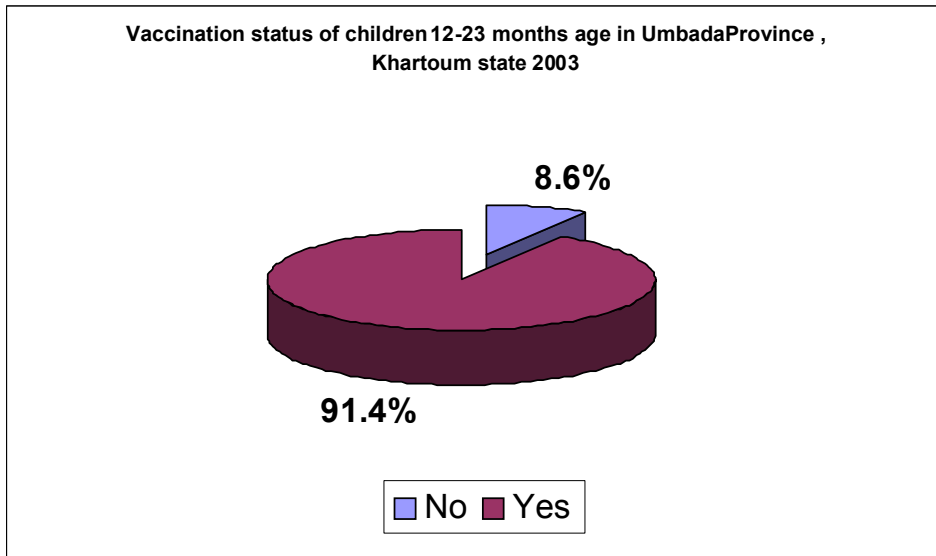
- Children age 12-23 months.
- Women with children 0-11 month old.

▪ **Sampling:-**

Sample size: of 630 children aged 12-23 months was selected plus 630 mothers of children 0-11 months from the same localities.

Sample design: 30 cluster survey

Results:-



**Causes of non-or incomplete Vaccination of Children 12-23
months age in Umbada Province, Khartoum State 2003**

Cause	%
Un aware of need of immunization	17.8
Un aware of need of next dose	35.8
Lack of motivation	13.7
Obstacles	14.7

**Causes of non-or incomplete Vaccination of Mothers of Children
0-11 months age in Umbada Province,
Khartoum State 2003**

Cause	%
Un aware of need of immunization	17.8
Un aware of need of next dose	35.8
Lack of motivation	13.7
Obstacles	14.7

Recommendations:

- 1/ provides EPI vaccination cards for Umbadda province.
- 2/ minimize the drop out rates.
- 3/ raise the community awareness about vaccination.