

Chapter Four

Data Analysis

4.1 Introduction:

This chapter deals with the methodology of the present research. It intends to demonstrate the methods which are used in studying the problem and provides detailed description of the sample and tools through which the researcher collected data, and techniques utilized for data analysis. The data gathering tool is the mothers questionnaire. The scores were processed by using SPSS.

Table (1): Age of mother

Age of mother	Frequency	Percentage
20-25	12	17.1
25-30	28	40.0
More Than 30	30	42.9
Total	70	100.0

The above figure and table shows the age group of mother we find that the highest age group was greater than 30 years 42.9% followed by the age (25-30) 40% and the lowest age group was in proportion (20-25) 17.1%.

Table (2): Level of education

Level of education	Frequency	Percentage
Primary	13	18.6
Secondary	21	30.0
University	24	34.3
above university	5	7.1
Illiterate	7	10.0
Total	70	100.0

The majority of respondents in the sample showed that they had a higher educational level (34.3%), followed by secondary (30%) and the above university (7.1%).

Table (3): Monthly income

Monthly income	Frequency	Percentage
500-1000	35	50.0
1000-2000	22	31.4
more than 2000	13	18.6
Total	70	100.0

The highest level of income was (500-1000 G) at 50% followed by the income level (1000-2000 Pounds) by 31.4%. The lowest level of income (2000 and above) was 18.6%.

Table (4): Is vaccination necessary for your child's health?

Is vaccination necessary for your child's health?	Frequency	Percentage
Yes	69	98.6
No	1	1.4
Total	70	100.0

In the above table, which shows the need for immunization for the child's health, most mothers see it as very necessary (98.6%) and few of them see it as necessary (1.4%).

Table (5): Has your child been given all the prescribed immunization doses in his or her age?

Has your child been given all the prescribed immunization doses in his or her age?	Frequency	Percentage
Yes	56	80.0
No	14	20.0
Total	70	100.0

The majority of mothers see that all immunization doses were taken at the age of their children (80%), and few of them see that they did not give their children the prescribed doses (20%).

Table (6): Status of vaccination in your child

Status of vaccination in your child	Frequency	Percentage
Totally	38	54.3
Partially	32	45.7
Total	70	100.0

By the table and figure above, which shows the state of vaccination in your child, most mothers see it as a total of 54.3% and some see the vaccination status as partial by 45.7%.

Table (7): The important of immunization?

The important of immunization?	Frequency	Percentage
health promotion	23	32.9
reduce mortality and morbidity	43	61.4
I don't know	4	5.7
Total	70	100.0

In terms of the table and the figure above, which is important for immunization for many reasons, including health promotion and it was 32.9% and reduce diseases and deaths by 61.4% and some do not know by 5.7%, indicating the awareness of mothers and knowledge and knowledge of the importance of immunization.

Table (8): Do you immunize child if she / he is ill?

Do you immunize child if she / he is ill?	Frequency	Percentage
Yes	23	32.9
No	47	67.1
Total	70	100.0

The majority of mothers believe that the child cannot be vaccinated if he is ill and 67.1% of them see that the child can be vaccinated if he is sick and was 32.9%.

Table (9): Disease to be vaccinated against?

Disease to be vaccinated against?	Frequency	Percentage
Poliomyelitis	30	42.9
Peruses	18	25.7
Measles	17	24.3
Hepatitis	2	2.9
I don't know	3	4.3
Total	70	100.0

The majority of mothers consider polio to be 42.9%, followed by pertussis (25.7%), followed by measles (24.3%), and hepatitis (2.9%).

Table (10): Has your child been given the first dose of immunization immediately after birth?

Has your child been given the first dose of immunization immediately after birth?	Frequency	Percentage
Yes	60	85.7
No	10	14.3
Total	70	100.0

In the above table, which shows that the child was given the first dose of immunization immediately after birth, most mothers saw that their children were given the first dose of 85.7% and few of them felt that their children were not given the first dose at birth by 14.3%.

Table (11): When you forget the dose of immunization what are you doing?

When you forget the dose of immunization what are you doing?	Frequency	Percentage
continues immunization	3	4.3
Do not continue immunization	1	1.4
refer to the competent authority	66	94.3
Total	70	100.0

The majority of mothers see that they continue to be vaccinated by 4.3%, and some do not continue to immunize by 1.4% and most of them return to the competent authority by 94.3%.