RESULTS

This study was carried out on 340 school children, 220 from schools in rural areas,and 120 from schools in urban areas. The results of this study can be summerized in tables (4-12) and figures (4-12).

Table (4): Age distribution of the studied school children

Age group	Number	%
5-11 yrs(Primary school)	200	58.82
12-16yrs(Preparatory school)	140	41.18
Total	340	100

Table (5): Sex distribution of the studied school children.

Sex	Number	%
Male	214	62.94
Female	126	37.06
Total	340	100

Fig. (4): Age distribution of the studied school children

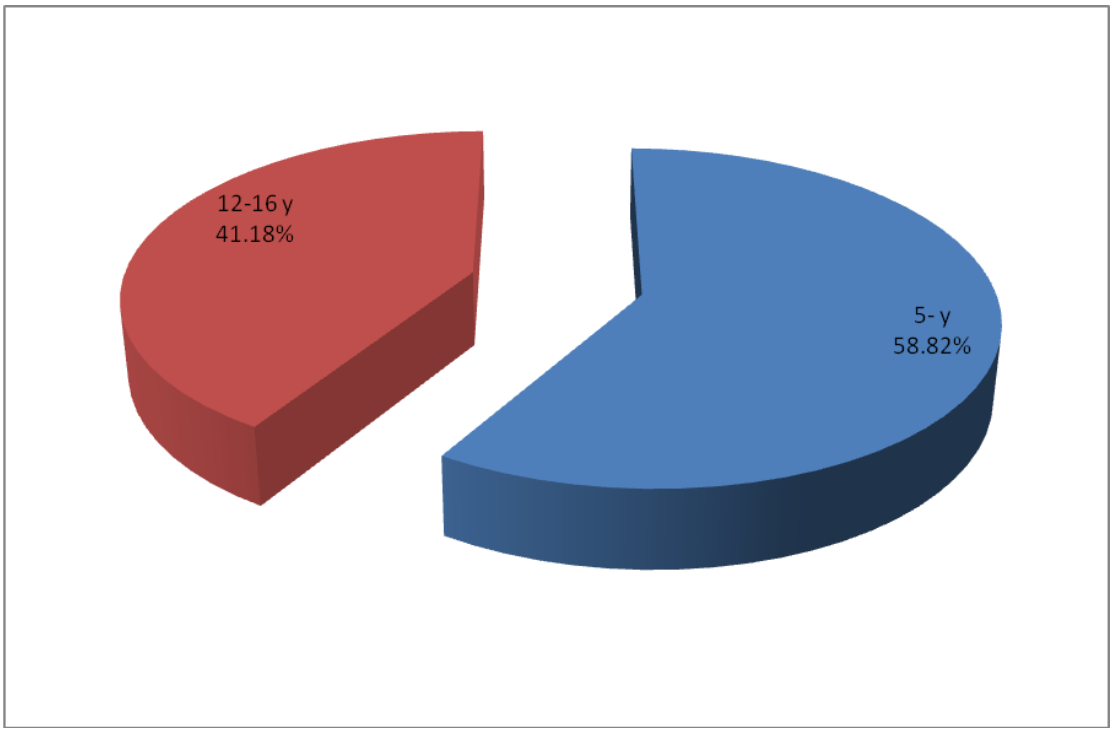

Fig. (5): Sex distribution of the studied school children.

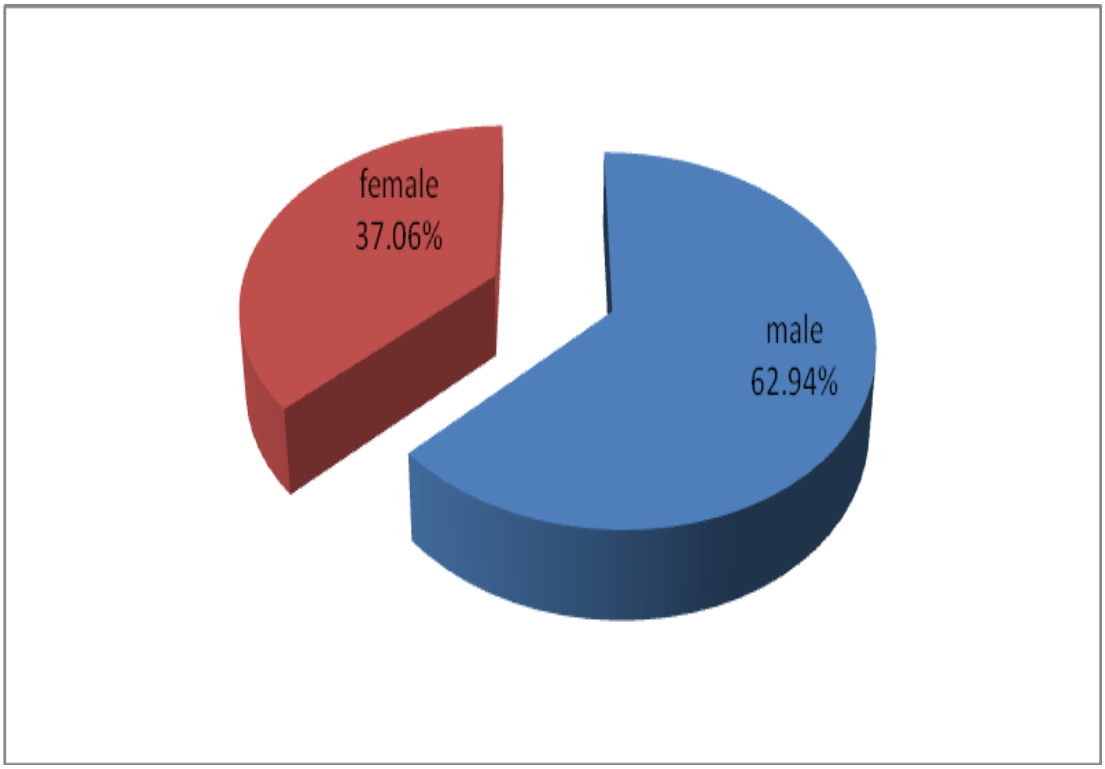

Table (6): Distribution of the studied school children according to residence.

Residence	Number	%
Rural	220	64.71
Urban	120	35.29
Total	340	100

Table (7): Distribution of the studied school children according to season.

Season	Number	%
Winter	100	29.41
Spring	100	29.41
Autumn	100	29.41
Summer	40	11.76
Total	340	100

Fig. (6): Distribution of the studied school children according to residence.

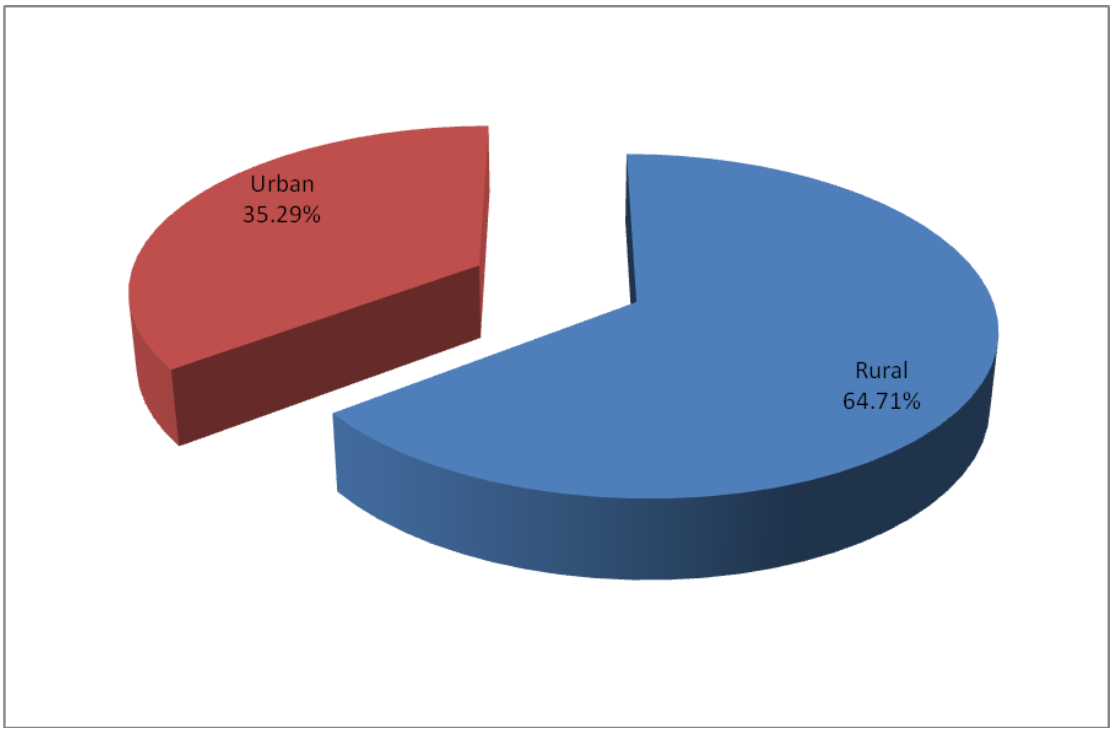

Fig. (7): Distribution of the studied school children according to season.

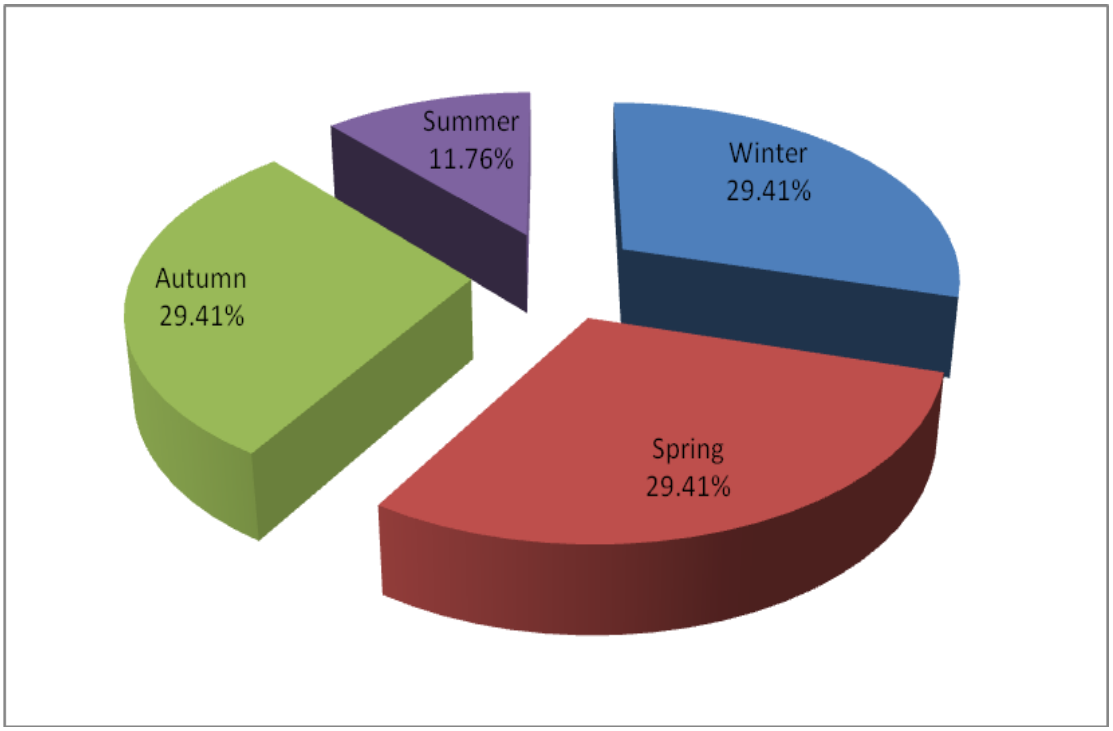

Table (8): Study of positive cases according to Age.

Age groups	Total Number	Positive		Negative	
		No	%	No	%
Primary schools (5-11y)	200	20	10	180	90
Preparatory school (12-16y)	140	5	3.57	135	96.4
Total	340	25	7.35	315	92.65

$X^2 = 5$ P =0.025 (significant)

Table (9): Study of positive cases according to sex.

Sex	Total Number	positive		Negative	
		No	%	No	%
Male	214	17	7.94	197	92.06
Female	126	8	6.35	118	93.65
Total	340	25	7.35	315	92.65

$X^2 = 0.3$ P= > 0.05 (insignificant)

Fig. (8): Study of positive cases according to Age.

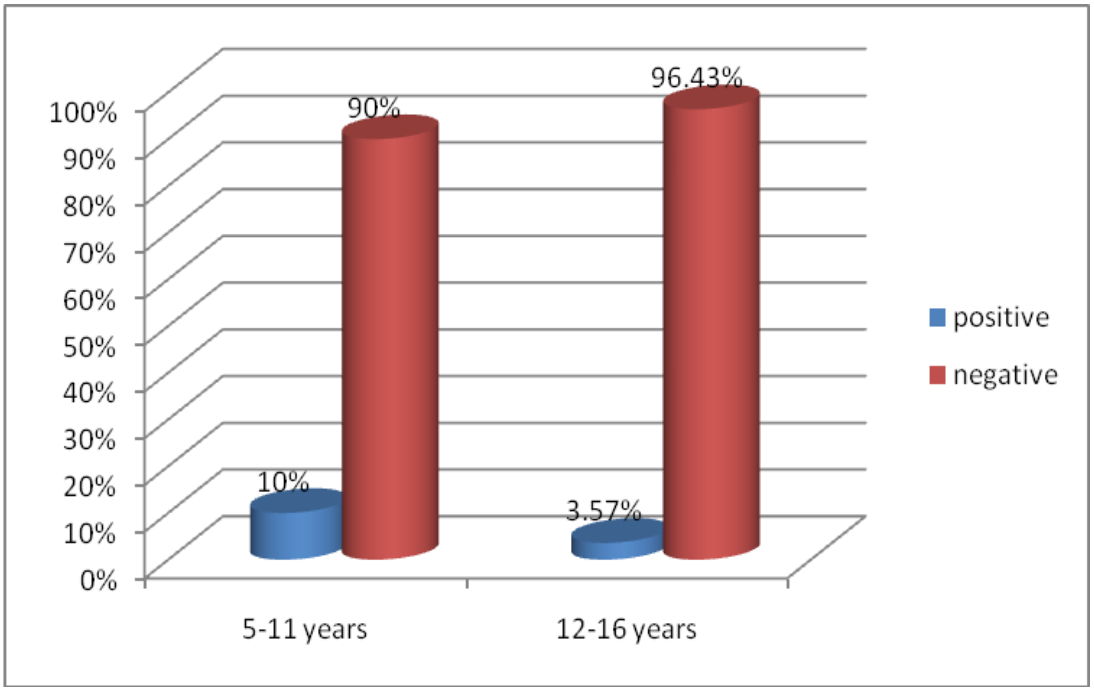

Fig. (9): Study of positive cases according to sex.

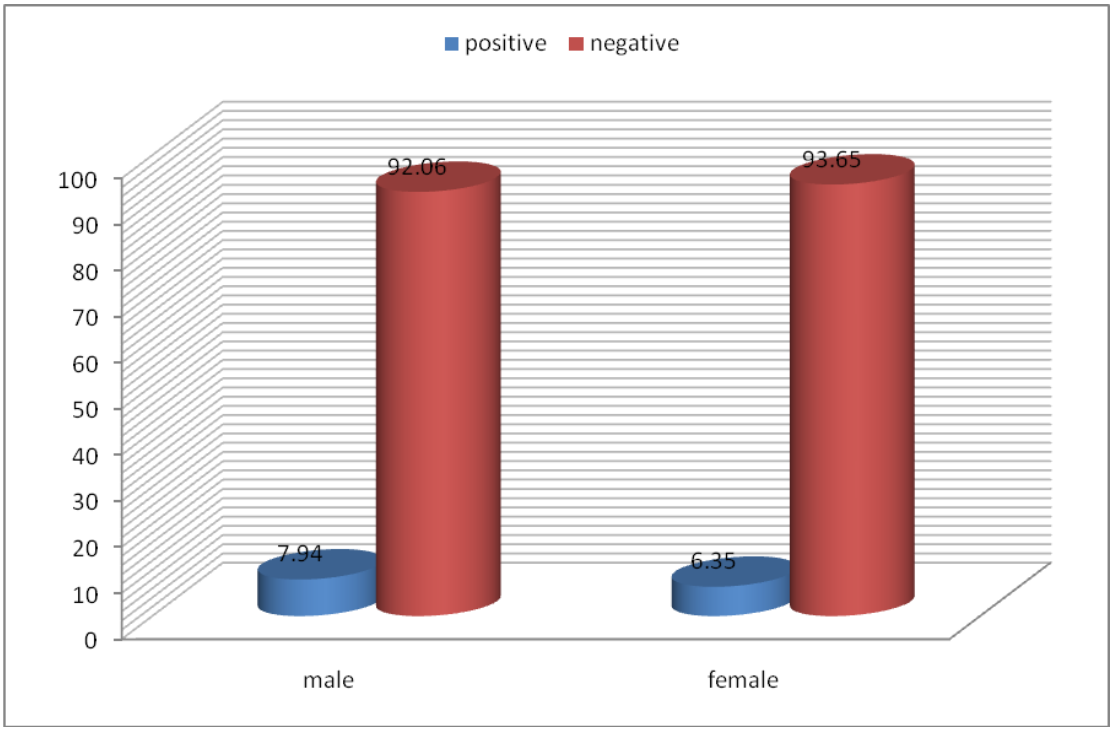

Table (10): Study of positive cases according to residence.

Residence	Total Number	Positive		Negative	
		No	%	No	%
Rural	220	18	8.18	202	91.82
Urban	120	7	5.83	113	94.17
Total	340	25	7.35	315	92.65

X^2 =0.6 P = > 0.05 (insignificant)

Table (11): Study of positive cases according to seasons.

Season	Total Number	positive		Negative	
		No	%	No	%
Winter	100	14	14	86	86
Autumn	100	7	7	93	93
Spring	100	3	3	97	97
Summer	40	1	2.5	39	97.5
Total	340	25	7.35	315	92.65

X^2 =10.7 P =0.014 (significant)

Fig. (10): Study of positive cases according to residence.

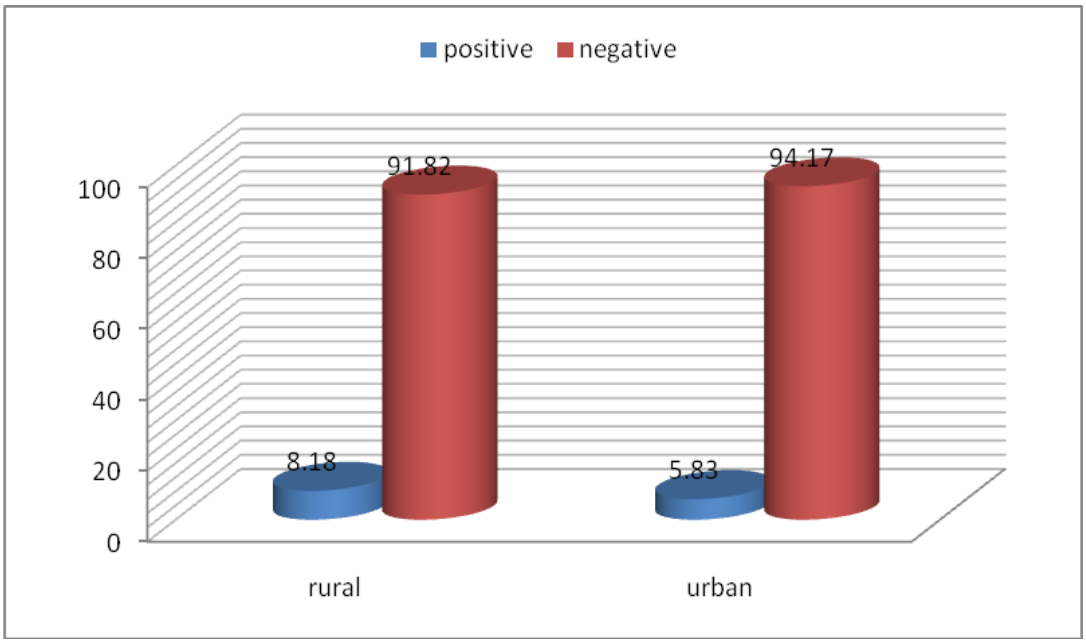

Fig. (11): Study of positive cases according to seasons.

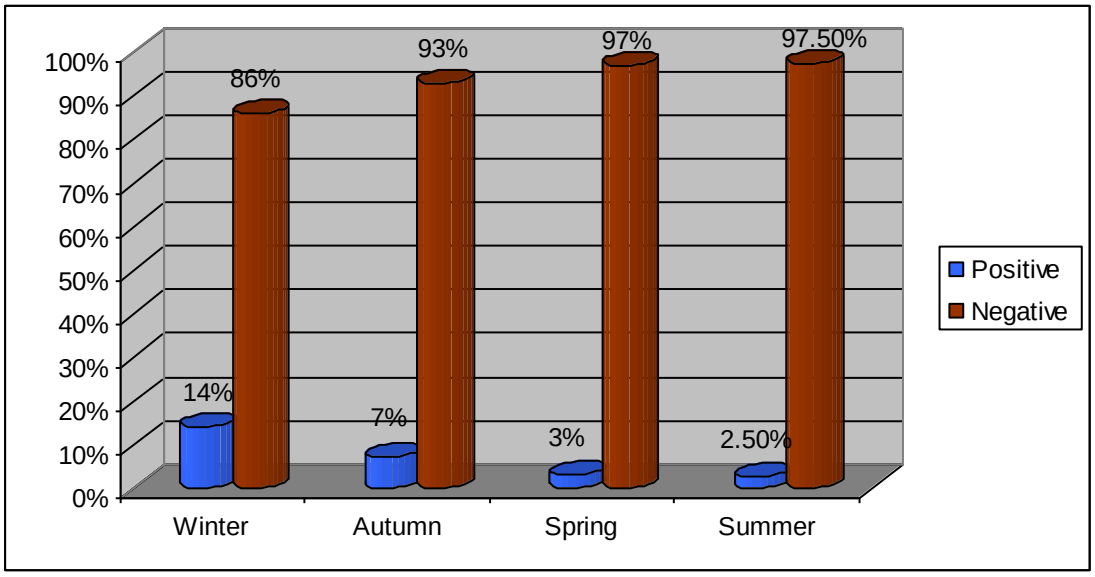

Table (12) : Antibiotic susceptibility test for the isolated strains

Antibiotic	Total number	Sensitive		Resistant	
		No.	%	No.	%
Penicillin	25	25	100	0	0
Amoxicillin	25	25	100	0	0
Erythromycin	25	21	84	4	16
Azithromycin	25	23	92	2	8
Clindamycin	25	22	88	3	12

Fig. (12): Antibiotic susceptibility test for the isolated strains