

Table 1: Knowledge of students on water, sanitation and hygiene (WASH)

Statement	Urban(n=126)		Rural(n= 94)	
	No.	Percent	No.	Percent
Knowledge of the students on				
Water borne disease	109	86.5	70	74.5
Route of transmission of water borne disease	44	34.9	15	16
• Through contaminated water	32	25.3	5	5.3
Diarrhea is water borne disease	94	74.6	60	63.8
water borne disease got from school	111	88	54	57.4
Quality of water effects health	84	66.6	60	63.8
Effects of unsafe drinking water on human health is				
• Diarrhoea	94	74.6	28	29.8
Suffering due to unsafe drinking water among				
• family members	39	30.9	34	36.2
• friends	30	23.8	26	27.7
Prevention of water borne disease	114	90.4	87	92.6
Boiling kills germs	120	95.2	90	95.7
Water container needs cleaning and covering	118	93.6	92	97.9
Human faeces contain germs	89	70.6	87	92.6
Importance of handwashing				
• after defecation	47	37.3	79	84
• during all critical handwashing	45	35.7	0	0
• before meals	28	22.2	11	11.7
Reasons of handwashing				
• Health	87	69	87	92.6
• Hygiene	31	24.6	3	3.2

Table 2. Knowledge Score of the Students

Knowledge	Location		Total	P value
	Urban	Rural		
Poor	29	47	76	<0.001
Good	96	47	143	
Total	125	94	219	

Table.3 Practices of the students on Water, sanitation and hygiene (WASH)

Statement	Urban		Rural	
	No.	Percent	No.	Percent
Practices of the students on				
Drinking water storage container				
• Narrow mouth closed	73	57.9	53	56.4
Cleaning water storing container				
• Everyday	66	52.3	59	62.8
• Before fetching water	36	28.5	32	34
Method use to make water safe				
• Boil	91	72.2	15	16
• Strain through cloth	24	19	25	26.6
• chlorine	9	7.1	36	38.3
Consume boil water	95	75.3	17	18.1
Reason for not practicing any methods of treatment				
• water is already clean and safe	8	6.3	18	19.1
• treated water do not taste good	1	0.7	5	5.3
Materials use for handwashing				
• soap and water	119	94.4	84	89.4
• water only	6	4.7	9	9.6
• Ash	1	0.7	1	1.1
Handwashing before meals	122	96.8	93	98.9
Handwashing				
• In all critical handwashing	66	52.3	38	40.4
• After defecation	31	24.6	31	33

Table.4 The situation of water and sanitation facilities among schools under study

checklist	Urban(2)	Rural(2)
Availability of water supply source	No.	No.
Available ground water	2	1
Available surface water	-	1
Availability of water storage		
Underground tank	1	1
Underground and top tank	1	-
Reserve plastic tank		1
Availability of treated water		
Available	2	-
Not available	-	2
Availability of handwashing facility		
Available	2	-
Not available	-	2
Availability of water at handwashing facility		
Available	2	-
Not available	-	2
Availability of soap at handwashing facility		
Available	-	-
Not available	2	2
Availability of sufficient toilets		
Available	2	-
Not available	-	2
Accessibility of toilets		
Accessible	2	1
Not accessible	-	1
Availability of improved toilets		
Available	2	2
Not available	-	-