

A Study of the Primary School Environment in a Local Government Area, South West Nigeria

Oladele S Olatunya^{1,*}, Saheed B Oseni², Olorunfemi Ogundele³ and Oyeku A Oyelami²

¹*Department of Paediatrics, College of Medicine, Ekiti State University, Ado –Ekiti, Ekiti State, Nigeria*

²*Department of Paediatrics, Obafemi Awolowo University, Ile – Ife, Osun State, Nigeria*

³*Department of Community Medicine Obafemi Awolowo University Teaching Hospital Complex, Ile – Ife, Osun State, Nigeria*

***Corresponding author:** Olatunya Oladele Simeon, Department of Paediatrics, College of Medicine, Ekiti State University, P.O. BOX 2267, Ado-Ekiti, Ekiti State, Nigeria, Tel: +2348038617705; E-mail: ladeletunya@yahoo.com

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Hospitals Complex Ile Ife. This focal local government was selected by convenience sampling and all the Private and Public primary schools in the Local Government Area were studied.

Location of water sources: Thirty four (75.6%) of the schools with water supply had their water sources located within the school premises. Eleven (24.4%) had theirs outside the school premises.

Sewage Disposal: Twelve (18.7%) schools had no toilet facilities. Majority of them were public schools 10 (29.4%) vs 2 (6.7%), ($p=0.045$). Majority of the schools 44 (68.8%) used pit latrines to dispose their sewage materials. Only private schools used water closet and it was found in eight (12.5%) of them. No school used bucket method of sewage disposal.

Toilet to pupil ratio: In the schools with toilet facilities, the toilet to pupil ratio was 1:10. The mean ratio was 1:10. The range was 1:5 to 1:20.

Teachers

100% seated	18 (52.9)	27 (90.0)	45 (70.3)	8.785	0.003
<100% seated	16 (47.1)	3 (10.0)	19 (29.7)	8.785	0.003

(b) Food service area

Available	34 (100.0)	17 (56.7)	51 (79.7)	18.489	0
Not available	0 (0.0)	13(43.3)	13 (20.3)	18.489	0

(c) Safety measures

Safety patrol team	0 (0.0)	4 (13.3)	4 (6.3)	*4.836	0.028
School fence	5 (14.7)	14 (46.7)	19 (29.7)	7.799	0.005
Fire extinguisher	0 (0.0)	1(3.33)	1 (1.6)	*0.004	0.95
Fire alarm	0 (0.0)	0 (0.0)	0 (0.0)	-	-
No measure(s)	29 (85.3)	11 (36.7)	40 (62.5)	16.079	0

(d) Health hazards

Industrial population including major road/ markets	18 (52.9)	19 (63.3)	37 (57.8)	0.706	0.401
Dangerous/ grazing animals	28 (82.4)	15 (50.0)	43 (67.2)	7.567	0.006
Animal droppings in classrooms	23 (67.6)	14 (46.7)	37 (57.8)	2.876	0.009
Floods/open drainages	18 (52.9)	16 (53.3)	34 (53.1)		

Gross inadequacies were noted in the toilet-pupil ratio with only 58% of the schools meeting the recommended ratio of one toilet to

4 Ofove GE, Ofili AN (2007) Knowledge, attitude and practice of school