

ABSTRACT

The challenge of open defecation is present in Samburu which poses public health challenges. This study sought to find out the relationship between level of formal education ownership and use of hygiene and sanitation facilities in Samburu Central, Samburu County Kenya. In this context, the study sought to determine the level of formal education among adults in Samburu East Sub-county; Establish the gender difference in level of formal education among adults in Samburu East Sub-county; Examine the relationship between level of education and ownership of latrine in Samburu East Sub-county and Examine the relationship between level of education and use of latrine in Samburu East Sub-county. The study established that majority (61.7%) of the households in Samburu East Sub-County did not own a latrine. In respect to latrine use, a majority of the households went to the bush (57.1%) while 36.5% used their own latrine. The study established that the education level of male does not significantly differ from that of female in Samburu East Sub-County. The study found that the level of education of male affected latrine usage among households in Samburu East Sub-county. The study further found that the level of education of female affected latrine usage among households in Samburu East Sub-county. At the odds ratio is 0.712 (95% C.I 0.623-0.814), the the high levels of education of male meant higher rates of latrine ownership and vice versa. At the odds ratio of 0.686 (95% C.I 0.575-0.816), the higher the education level of female was associated with increase in latrine ownership. Comparing the two odds ratio for male and female in respect their education and latrine ownership, it was established that male were more likely to own a latrine with increase in education (0.712 (95% C.I 0.623-0.814)) as compared to female (0.686 (95% C.I 0.575-0.816)). The study recommends adult education for the residents of Samburu East Sub-County in order to improve their literacy levels.

Key Words: Education Levles, Latrine Ownership, Latrine Use