This study examined the effects of various organizational factors on the adoption of ICT by health-related SMEs in Kenya. The sample size was 189 informants comprising of 17 Chief Executive Officers (CEOs) of health-related SMEs and 172 end users. Data was collected using a semi-structured questionnaire and an interview guide. The Logit model was used to predict the effect of Organizational factors on ICT adoption by SMEs. The research findings showed that, quality of ICT systems (X2), information intensity (X3), ICT specialization (X4) and organizational readiness (X6) were the main organizational factors determining ICT adoption.

Key words: SMEs, Information, Communication, Technology, Adoption, Information intensity, Logit model.