

ABSTRACT

Kenya being among the developing countries, the country has been experiencing a challenge of infant and child mortality as the country strives to ensure healthy lives and promote wellbeing for all at all ages as stated in the Sustainable Development Goals (SDGS) goal number 3. This study carried out a time series analysis of the infant and child mortality at Narok Referral Hospital in Narok from January 2013 to December 2018. The data that was used is secondary. When highest numbers were recorded and when lowest numbers were recorded. Model ARIMA (1, 1, 1) adequately fitted infant and child mortality and was used to forecast the mortality rate at Narok Referral Hospital for the year 2019 and 2024. Study can be used by hospital to forecast future mortality rate and develop policies programs and projects to reduce infant and child mortality in future