

Time Series models and Statistical Control Charts applied in strategic Indicator for the
Epidemiological Surveillance system of the Ministry of Health

ABSTRACT

The central purpose of Epidemiological Surveillance is to provide permanent and current technical guidance for professionals diagnose an initial epidemic situation for adoption of control measures. It was proposed the use of Time Series models and Statistical Control Charts in strategic Indicator for the Ministry of Health.

Keywords: Time Series, Control Chart, EWMA, SARIMA, Epidemiological Surveillance, Influenza.