

## ABSTRACT

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*Foodstuffs in the city of Bandung continue to experience unstable price fluctuations, Forecasting the inflation rate allows an area to have an optimal inventory level to make appropriate production decisions and maintain the efficiency of operational activities. Forecasting is an important tool for local governments to plan more effectively and efficiently in improving quality and productivity, especially in the health sector. The purpose of this study is to find out the best forecasting method to predict the level of consumer consumption in the health sector, namely data from previous years to predict the following year. This research is descriptive research using time series forecasting method. The error rate generated from the forecasting method is known by calculating the error consisting of the mean absolute deviation (MAD), the mean squared error (MSE), and the mean absolute percentage error (MAPE). So with this, an area determines which forecasting numbers are best to use, so that the accumulation of raw materials, as well as regular cash flows in an inventory will not happen again, especially in the tragedy that occurred in Indonesia in 2020, namely covid-19 which caused a material shortage. whose urgency is sudden so that the existence of this system will minimize the occurrence of inflation, especially in the health sector in the city of Bandung.*

*Keywords: Inflation, Forecasting, Health.*