

## **ABSTRACT**

*Health can be seen as one of the vital components of growth and development, Purwomanggung's government is required to be able to provide optimal health facilities and services. This study aims to analyze the level of efficiency of local government health sector spending during the Covid-19 pandemic and productivity in the health sector.*

*The measurement of efficiency and productivity values was obtained using the Data Envelopment Analysis (DEA) and Malmquist Productivity Index (MPI) analysis methods. The assumptions used are variable return to scale (VRS) and output oriented.*

*The results of the study show that there is 1 district/city in the Purwomanggung area that is not yet efficient both technically in cost and technically in the health system. The total factor productivity change indicates that in MPI 1 there were 3 regencies/cities in the Purwomanggung area that were productive during the study period, and in MPI 2 only 1 district/city was productive during the study period.*

*Keywords: Covid-19; Health Sector Expenditure; Malmquist Productivity Index; Technical Efficiency; Productivity*