The purpose of this study is to see the extent of the influence of education, economic growth and the gini ratio against the open unemployment rate in Yogyakarta the period of 2010-2015. Type data used in this research is from secondary data is data the panel are taken according to the district/city in the whole area Special Region of Yogyakarta.

Methods of data analysis which used in this research is to use the panel which data analysis model of fixed effect model (FEM). The results of the analysis of panel data model shows that the independent variable is positive and influential gini ratio was not significant. While the variable levels of education and economic growth are both negative and significant effect against the open unemployment rate in the Special Region of Yogyakarta the period 2010-2015.

Keywords: Open unemployment rate (TPT), level of education (PNDS), economic growth (PE) ratio and gini (GINI)