

## **ABSTRACT**

*The activities that occur in the transportation sector infrastructure service facilities and the large availability of transportation sector infrastructure in Central Java Province are not proportional to the contribution of the transportation sector to GRDP and the absorption of labor in the transportation sector of Central Java Province which is still relatively small. This requires investment support in the transportation sector of Central Java Province to have a positive impact on the Central Java economy in terms of output, income and employment. The purpose of this study is to analyze forward and backward linkages, the impact of distribution, the output multiplier, household income and employment opportunities, as well as the impact of infrastructure investment in the transportation sector.*

*The analytical method used in this research is Input-Output analysis using Domestic Transaction Input-Output Table on the basis of Producer Price Classification of 52 and 17 sectors for Central Java Input-Output Table data in 2016. Input-Output Table describes the interrelationships between sectors in the economy that are useful for development planning and analysis. The tool used to analyze and process input-output data is using Microsoft Excel.*

*The results study showed that the largest total forward linkage value was in the transportation sector that is the land transportation sector at 1,95645, while the largest of total backward linkage value was in the transportation sector that is the sea transportation sector at 1,68385. The dispersion sensitivity 5 of 6 transportation sector has value less than one and the dispersion coefficient 4 of 6 transportation sector has value greater than one, which means that the transportation sector infrastructure has the ability to increase the growth of its upstream sector rather than encourage it downstream sector. All transportation sector has a positive multiplier effect on other economic sectors. The impact of infrastructure investment in the transportation sector on the creation of output, household income and employment opportunities for all sectors is Rp 81.825.081.447, Rp 16.716.771.133 and 92 people.*

*Keywords: Transportation Sector Infrastructure, Impact Investment, Input-Output Analysis, Central Java*