

ABSTRACT

The fisheries sector is a potential sector in Central Java. The great potential of fisheries in Central Java can be seen from the production volume and value of Central Java fisheries production which shows an increasing trend. The increase in fuel prices due to the reduction in diesel subsidies will affect the performance of the fisheries sector. Diesel fuel is an important input in the fisheries sector. When fishing and fishing, fishermen need diesel as fuel. This study aims to analyze the economic impact of rising fuel prices on the fisheries sector, inter-sectoral linkages that influence both the future and backward on the fisheries sector, the effect of a multiplier increase in fuel prices on the output of the Central Java fisheries sector, the effect of a multiplier increase in the price of fuel on the creation of fisheries workers in the economy Central Java and the multiplier effect of rising fuel prices on household income in the fisheries sector in the economy of Central Java.

The method of analysis in this study is the Input-Output analysis, by classifying economic activity into 36 and 12 sector matrices from 88 sectors aggregation for Central Java input-output data in 2013. This study analyzes: (i) the economic impact of rising fuel prices on the fisheries sector, (ii) inter-sectoral linkages that influence both the future and backward on the fisheries sector, (iii) the effect of a multiplier increase in fuel prices on the output of the Central Java fisheries sector, (iv) the effect of a multiplier increase in the price of fuel on the creation of fisheries workers in the economy Central Java, and (v) the multiplier effect of rising fuel prices on household income in the fisheries sector in the economy of Central Java.

The results of the analysis indicate that first, the backward linkages in the fisheries sector are greater than the forward linkages with a backward linkage value of 1,23878 and 1,01122 for the forward linkages value. Second, the economic impact of rising fuel prices due to the reduction in diesel subsidies by Rp 500,00 per liter caused diesel prices to rise by Rp 300,00 per liter and increased operational costs for fishing motor boat fishermen per trip by Rp 516.000,00. Third, the increase in fuel prices due to the reduction in diesel subsidies by Rp 500,00 per liter caused the output of the fisheries sector represented by the marine fish sector and other marine products to decrease by Rp 51.823.959.512,00. Fourth, the increase in fuel prices due to the reduction in diesel subsidies by Rp. 500,00 per liter caused employment absorption in the fisheries sector to decrease by 1,717 people. Fifth, the increase in fuel prices due to the reduction in diesel subsidies by Rp. 500,00 per liter resulted in the household income of the fisheries sector represented by the marine fish and other marine products in the Central Java economy which fell by Rp. 7.243.509.352,00.

Keywords: Fisheries Sector, Increase in Fuel Prices, IO Analysis, Central Java