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Consumer Price Index is an which portrait price mahogany of goods or service consumed by public. CPI commodity watched of price change grouped to some, one of them is transportation. Transportation is very needed by all life aspect, so changes in transportation price is influencing another aspect.

Transportation activity very depend on fuel. Fuel is a principal component in transportation activity. So, fuel price escalation in form of increase or decrease will give a big impact towards transportation price change. Problem is how big the fuel price escalation impact towards CPI transportation value escalation and how is the change patterns.

So research is needed about fuel price escalation impact towards CPI transportation value. This research done for getting how big the change of CPI transportation value because of fuel price change. Also, on this research is want to see the change in CPI transportation pattern because of fuel price change.

Method in this research is analysis method which using value changes based time series. Time series analysis using in this research is intervention analysis. Intervention model will show the impact about intervention towards data used in research period. Also, this model can show change pattern in researched data because of an intervention.

From this research result, fuel price increment at October 2000 give smallest impact about 5,70 point at CPI transportation value increasing. And biggest impact occurs on fuel price increment at October 2005 about 41,30 point. Every fuel price increase or decrease at particular month will shortly responded by CPI transportation at the month.

There’s a tendency that CPI transportation value change because of the fuel price change occurs at day 1 did not need any delay to reach stable position. But fuel price change occurs after day 1 will need time delay 1 or 2 month for CPI transportation value to become stable.

Keywords : Consumer Price Index (CPI), CPI Transportation, Intervention Model.