**10-Year Treasury Constant Maturity - 3Month Treasury Constant Maturity**

From the graph, it can be viewed that the 10year – 3 year …treasure constant maturity, follows a cyclic pattern with repeated increase and decrease pattern. Just before recession ,the factor reaches the lowest and tends to increase during the recession period. The same cycle has been observed to repeat every recession.

#### Effective Fund Rate

Effective fund rate, as observed takes a dip during recession and tends to increase later on .The only difference followed in this pattern is the effective fund rate after the 2008 recession where the factor stayed low , almost close to zero till 2015 and then began to rise and is now decreasing. The close to zero fund rate is a policy adopted by the governments to stimulate growth , but many economists have suggested it may have a bad economic impact down the line due to liquidity traps.

#### Consumer Price Index

The consumer price index which is a measure of inflation have followed a pattern of constantly increasing and this trend is always followed except during the 2008 recession, where it fell by 4 % after July 2008 . After December 2018, the consumer price index began to rise again . Its interesting to note that the only time the factor went down was during the 2008 recession. The house prices are back on the rise now.

#### 10 Year and 5 year Treasury Rate

Treasury rates shows the debt obligations provided by the government, having a maturity for a time period. These graphs provide the treasury rates for 10 and 5 year duration and these both can be seen to have similar pattern in 10year – 3month treasury maturity. After recession, the treasury rates tend to decrease.

#### National House Price Index

The national house price index which can be seen to have been increasing took a hit on 2008 recession and fell by almost 24%. As one of the primary reason for the 2008 recession was the decrease in house price due to the bulk house – real estate acquisition as bank offered loans at reduced amount and while demanding less security.