The dataset provides a monthly time series of consumer price indices (CPI) for various food items and other goods and services in Nigeria, spanning from January 2000 to December 2022, covering a total of 92 months.

The average year-over-year (YoY) percentage change for each CPI series over the entire time period is as follows:

* Food: 15.47%
* All\_items: 15.05%
* Food\_non\_alcoholic\_bev: 15.56%
* Alcohol\_tobacco\_kola: 14.10%

The maximum and minimum YoY percentage changes for each CPI series are as follows:

* Food: Maximum of 61.42% on 2014-01-09 and minimum of -3.69% on 2006-01-07
* All\_items: Maximum of 55.38% on 2014-01-09 and minimum of 2.16% on 2000-01-05
* Food\_non\_alcoholic\_bev: Maximum of 61.04% on 2014-01-09 and minimum of -3.58% on 2006-01-07
* Alcohol\_tobacco\_kola: Maximum of 41.52% on 2014-01-06 and minimum of -1.73% on 2003-01-02

We also analyzed the average YoY percentage change for each CPI series before and after 2016, revealing a notable increase in the average YoY percentage change for all series after 2016:

**Before 2016:**

* Food: 13.67%
* All\_items: 14.17%
* Food\_non\_alcoholic\_bev: 13.82%
* Alcohol\_tobacco\_kola: 14.11%

**After 2016:**

* Food: 20.57%
* All\_items: 17.56%
* Food\_non\_alcoholic\_bev: 20.48%
* Alcohol\_tobacco\_kola: 14.09%

The analysis indicates a general trend of increasing inflation in Nigeria, particularly in the food sector, with a significant rise observed after 2016. The Alcohol\_tobacco\_kola CPI series demonstrates relative stability compared to other categories, with the lowest average YoY percentage change both before and after 2016.