

PPC_Data

BSP

02/12/2021

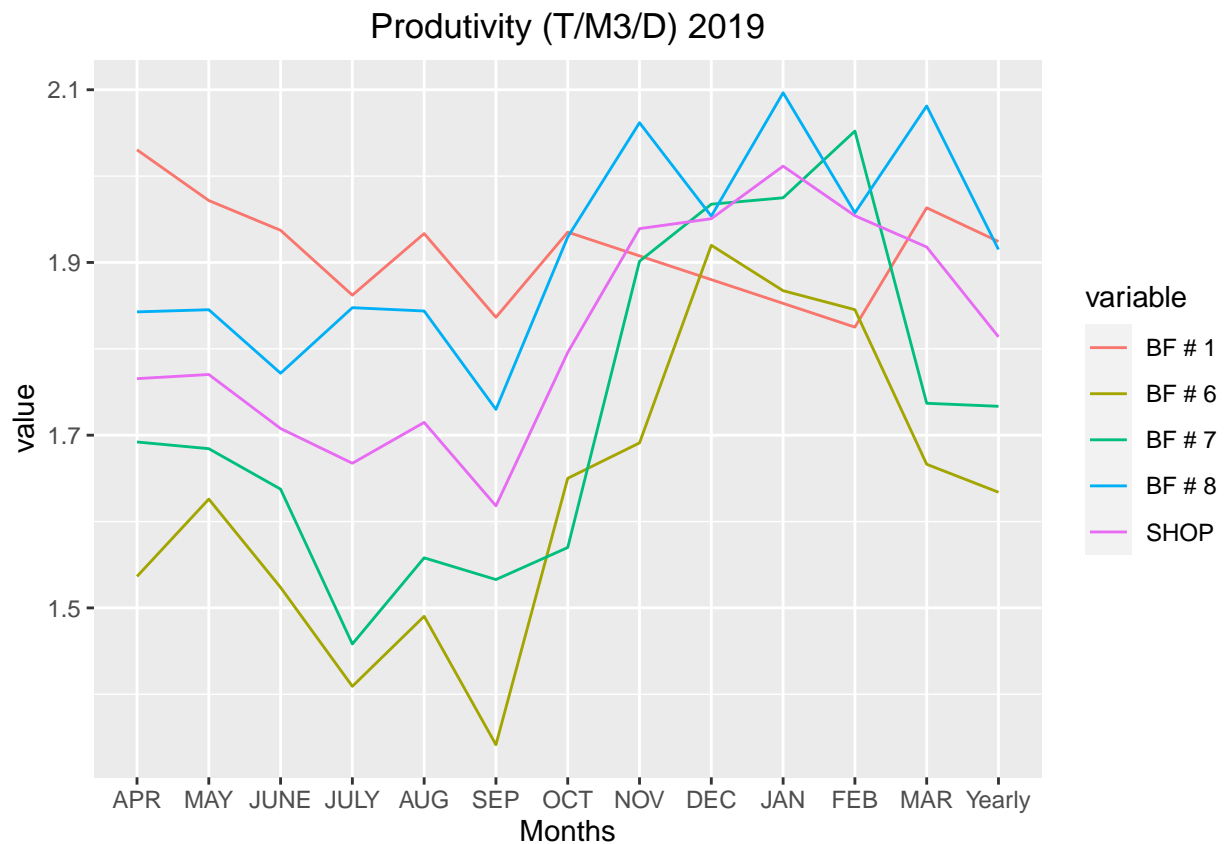
This Report demonstrates important Performance parameters for the Blast furnaces in the years 2019,2020,2021

Productivity

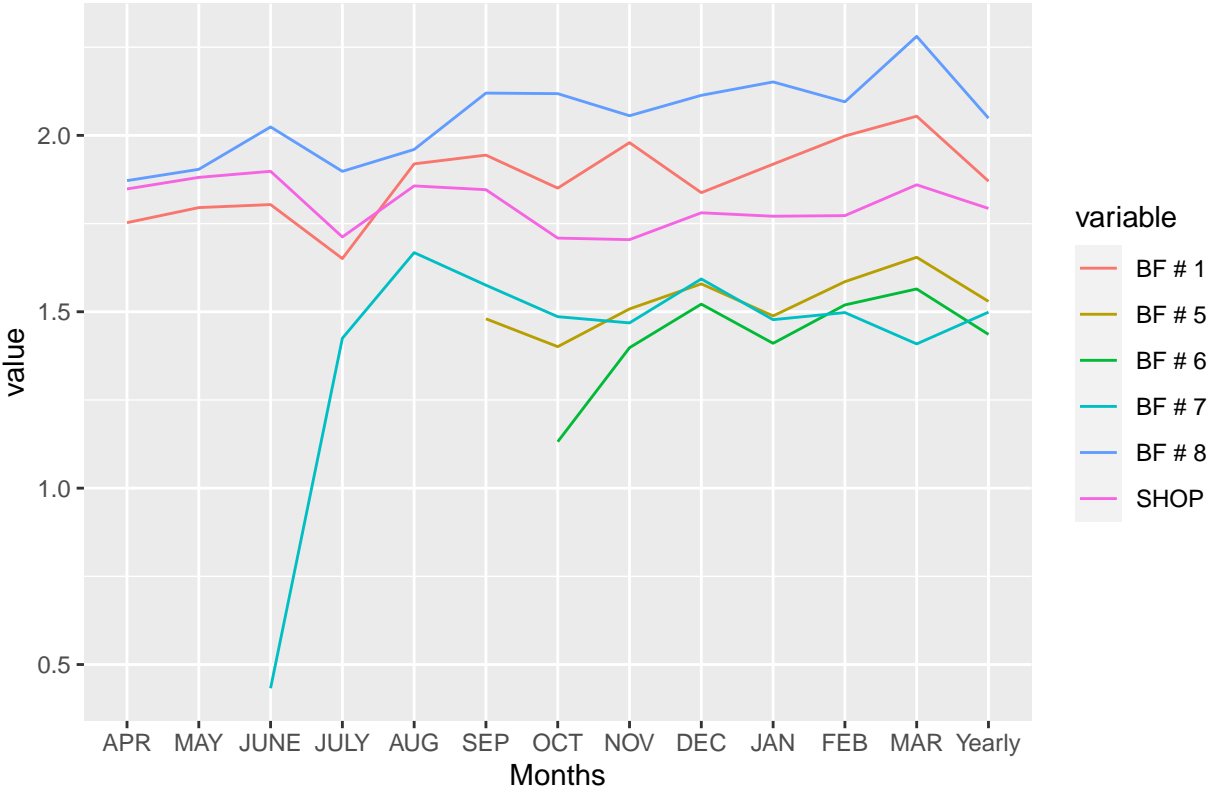
Productivity for the purpose of the report is calculated by the formula

$$\text{PRODUCTIVITY} = \text{HOT METAL PRODUCTION} / \text{USEFUL BF VOLUME}$$

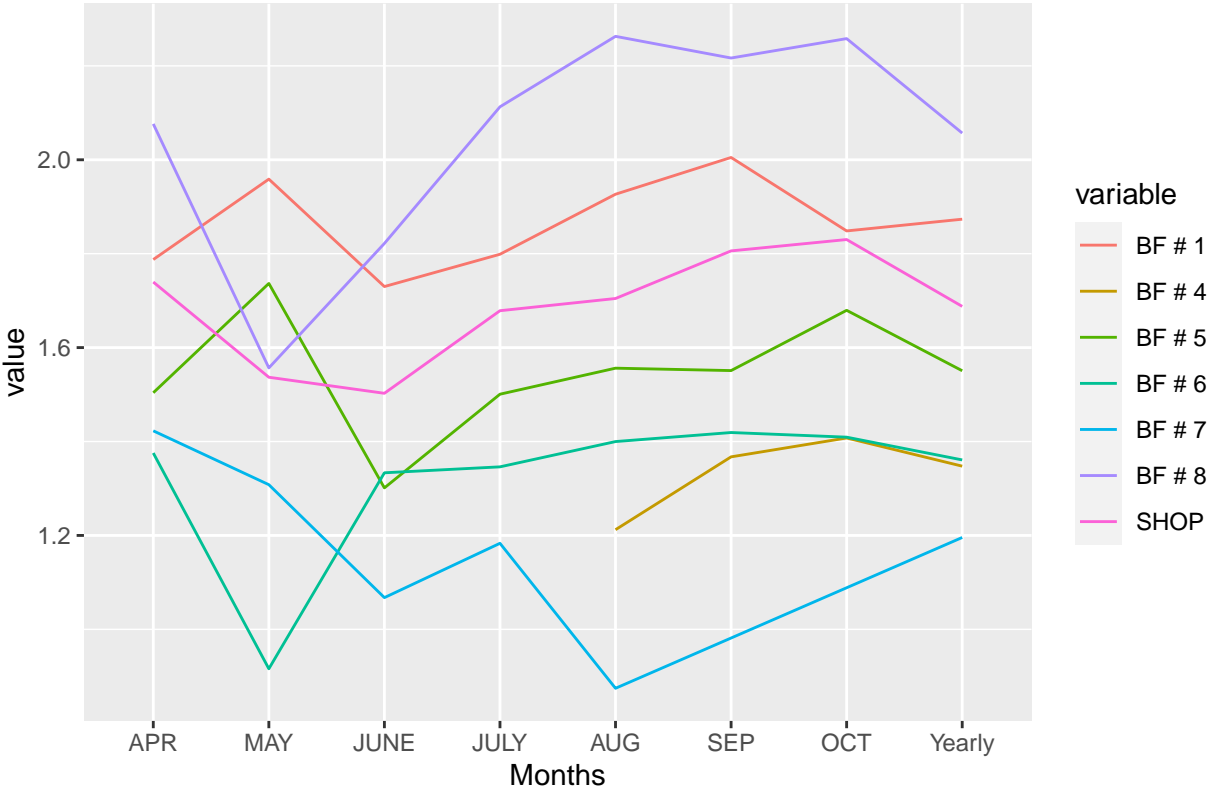
Graphs for productivity for the year 2019,2020,2021



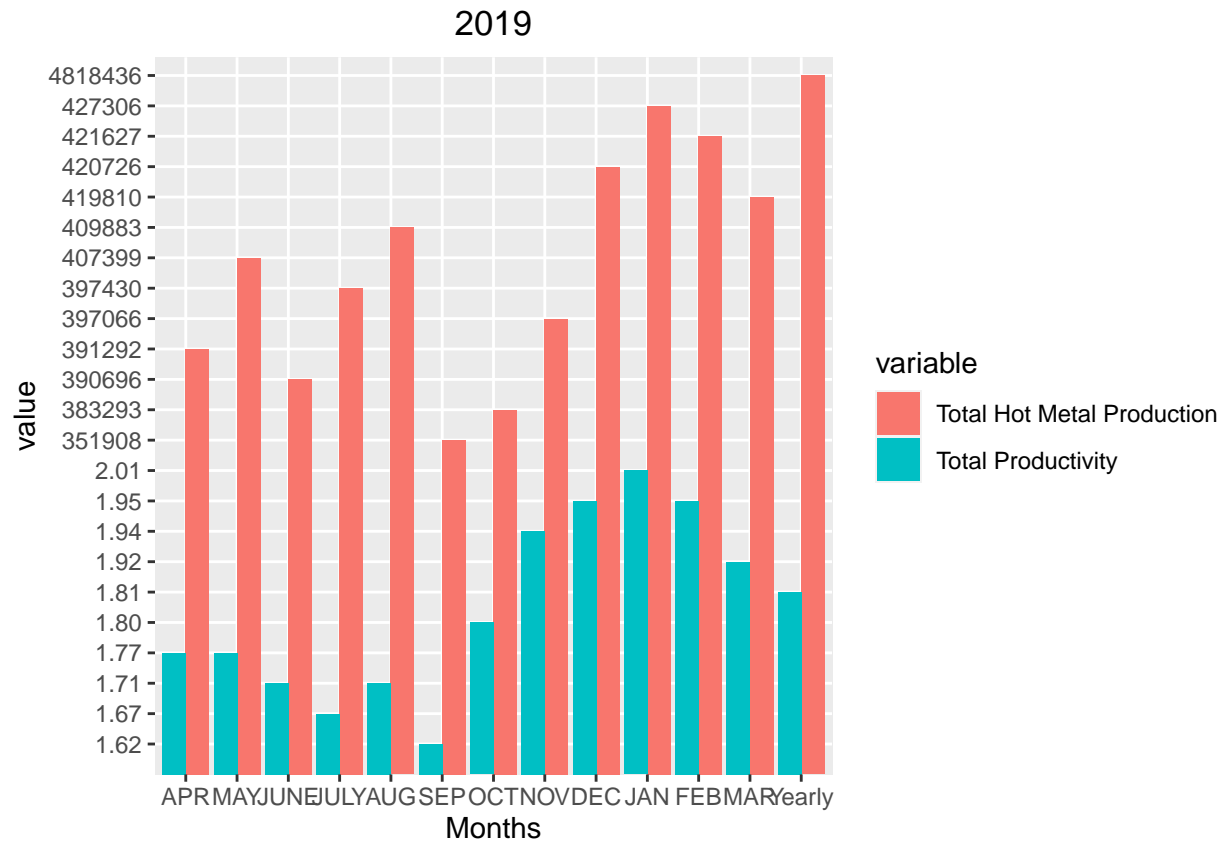
Produtivity (T/M3/D) 2020

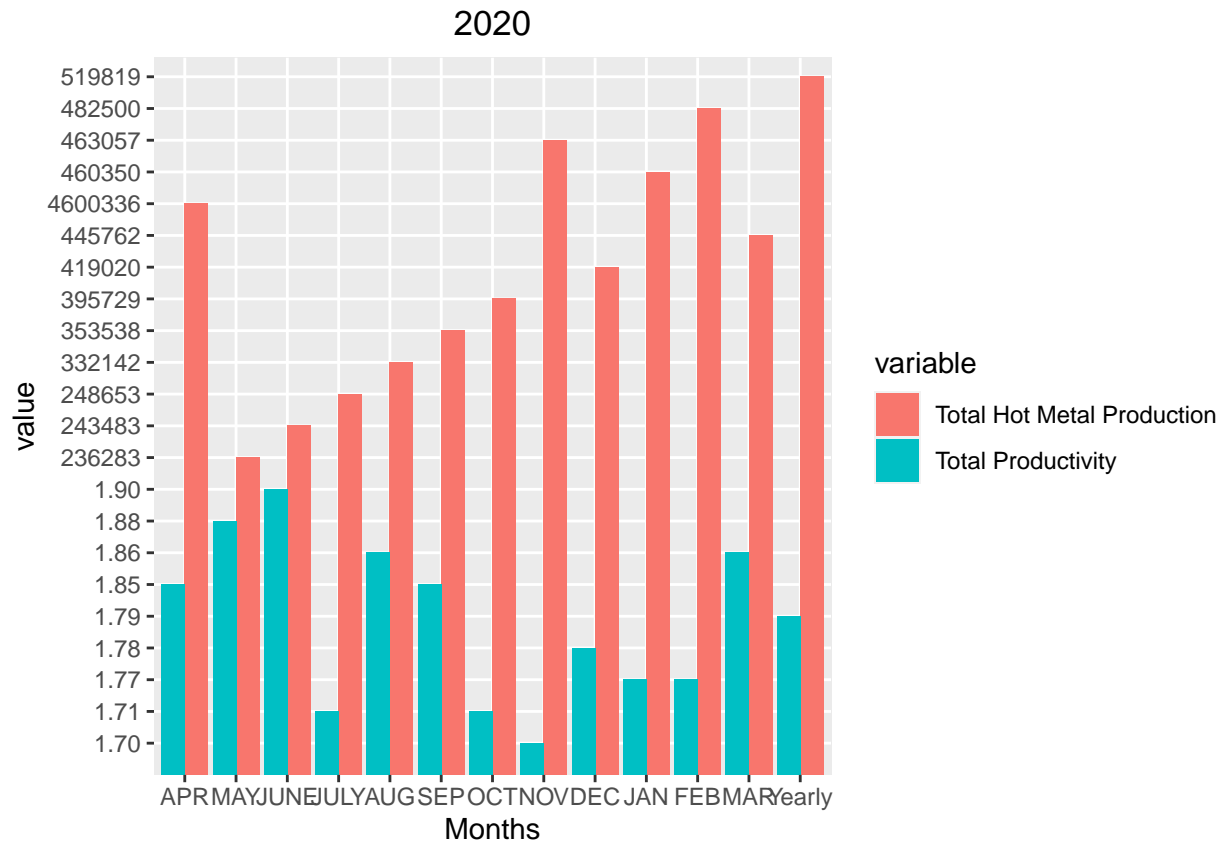


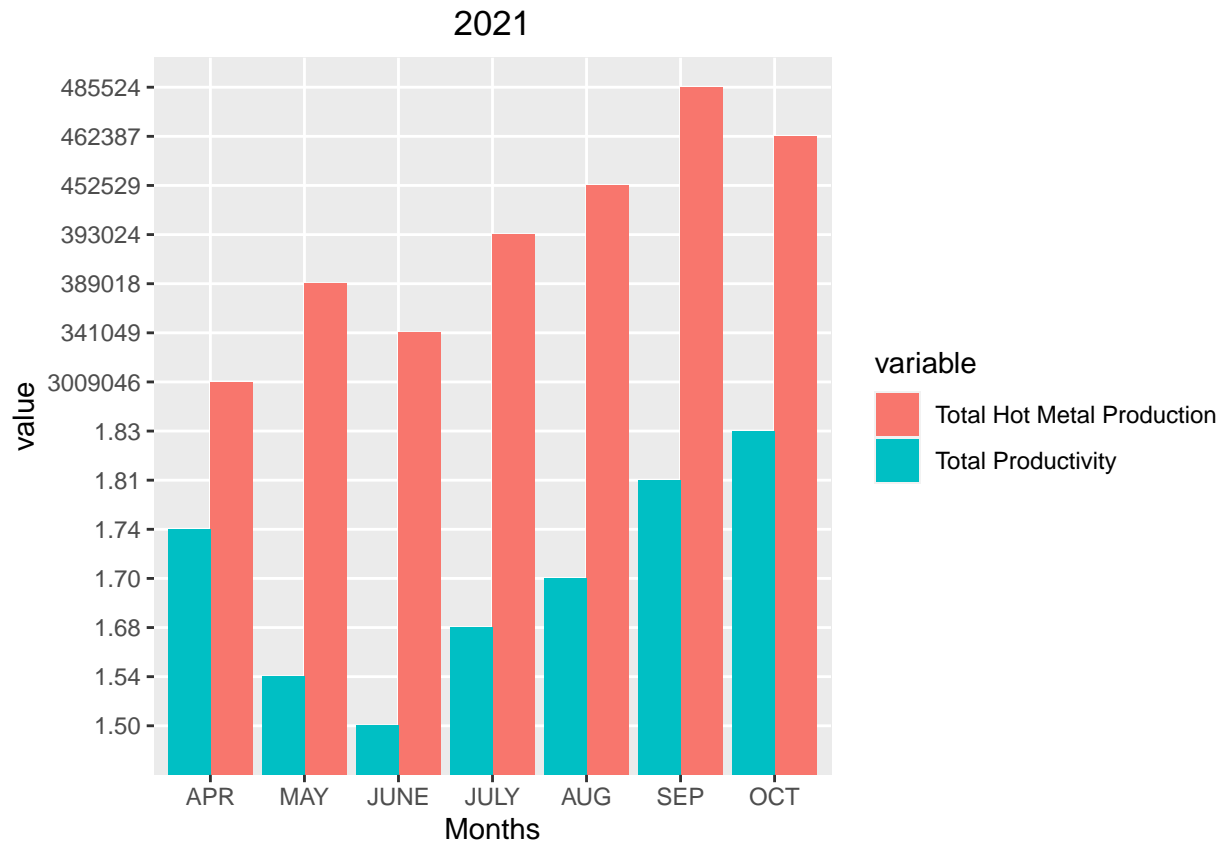
Produtivity (T/M3/D) 2021



Total Production Vs Productivity





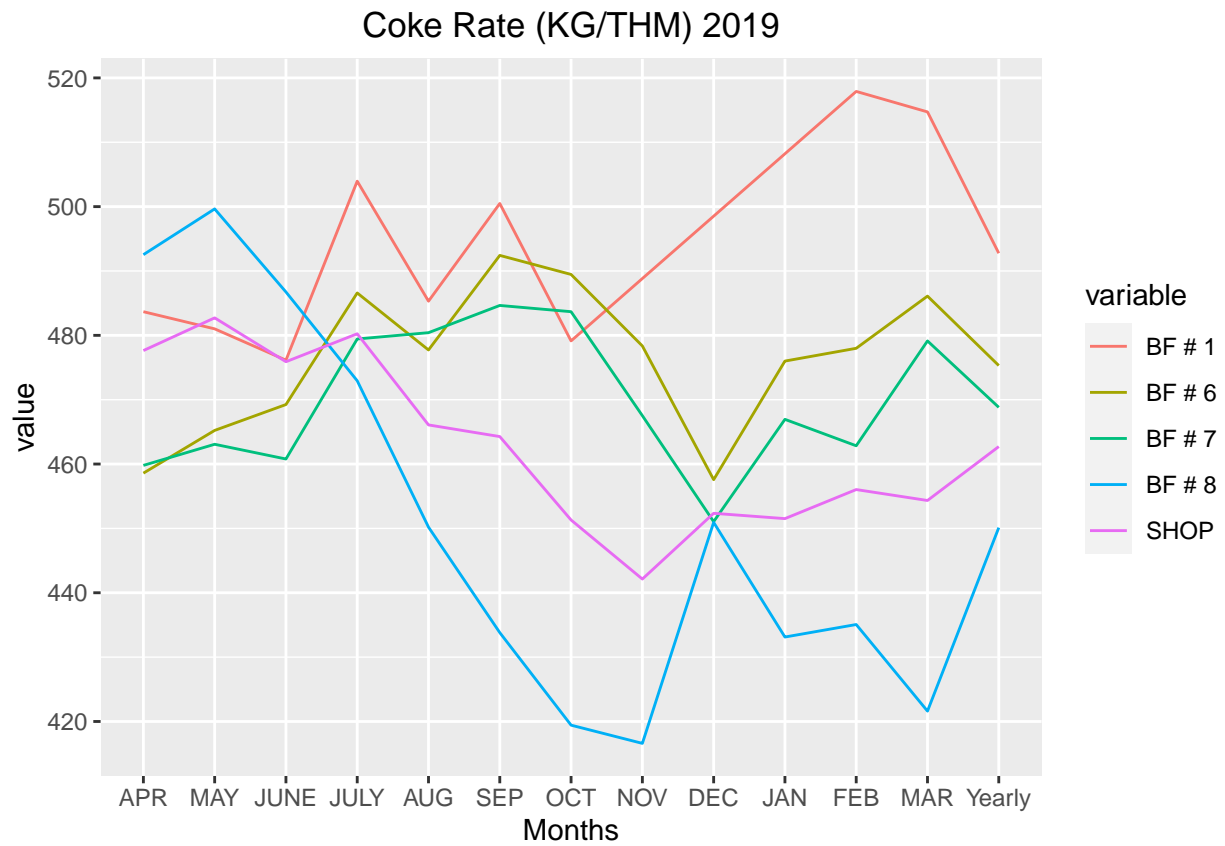


Coke Rate

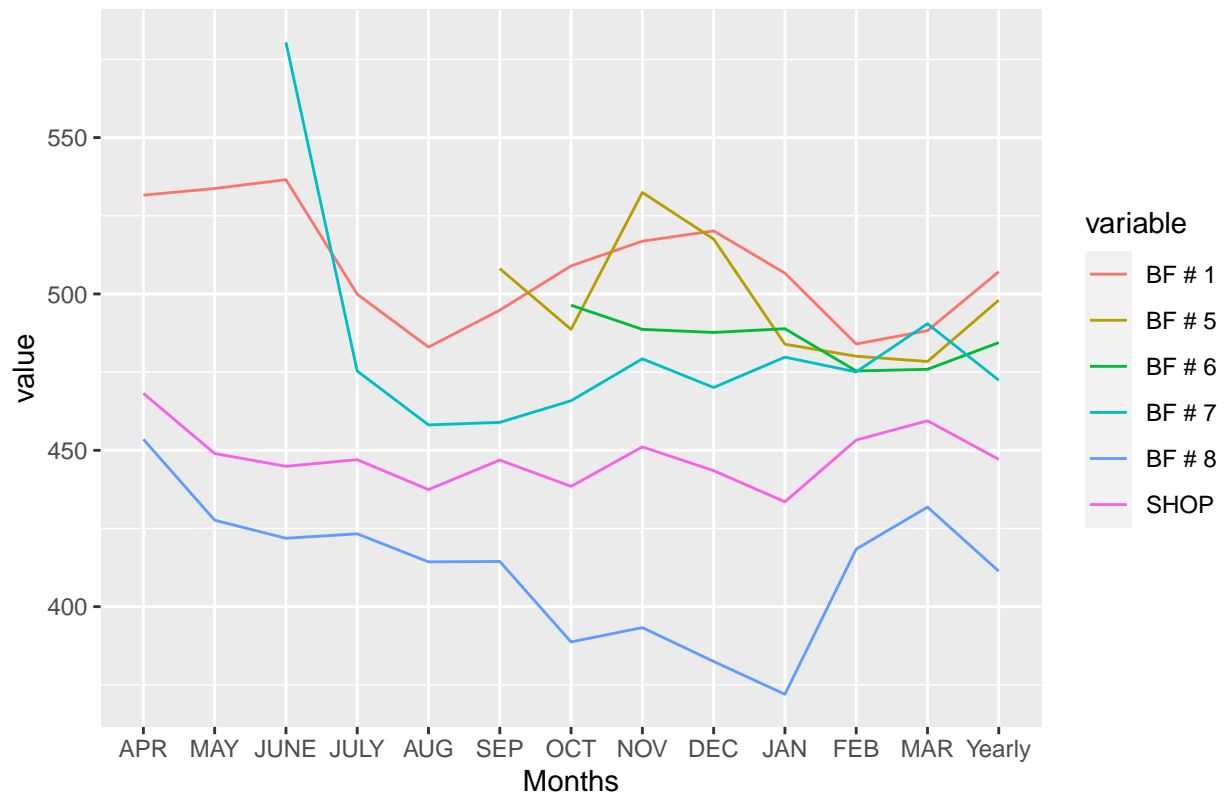
Coke Rate for the purpose of the report is calculated by the formula

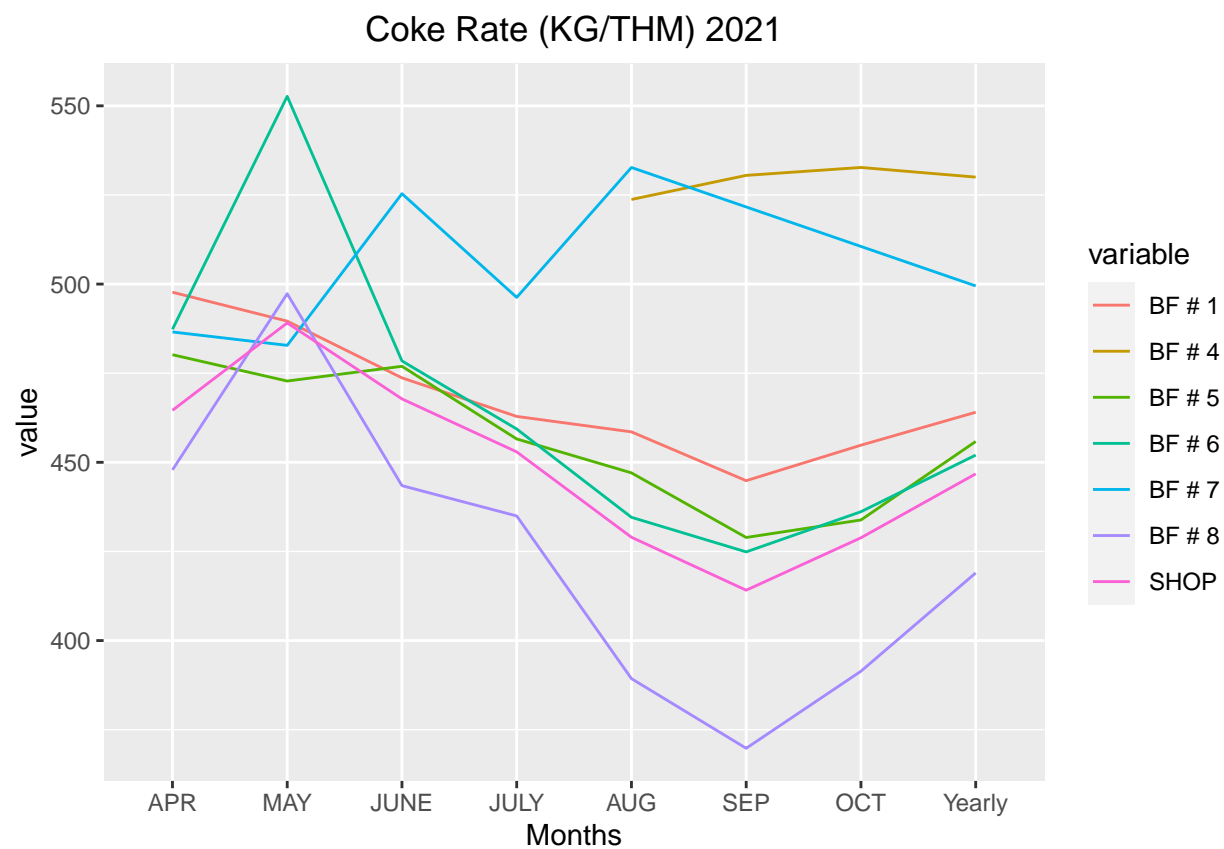
$$\text{Coke Rate} = \text{Coke} / \text{THM}$$

Graphs for Coke Rate for the year 2019,2020,2021

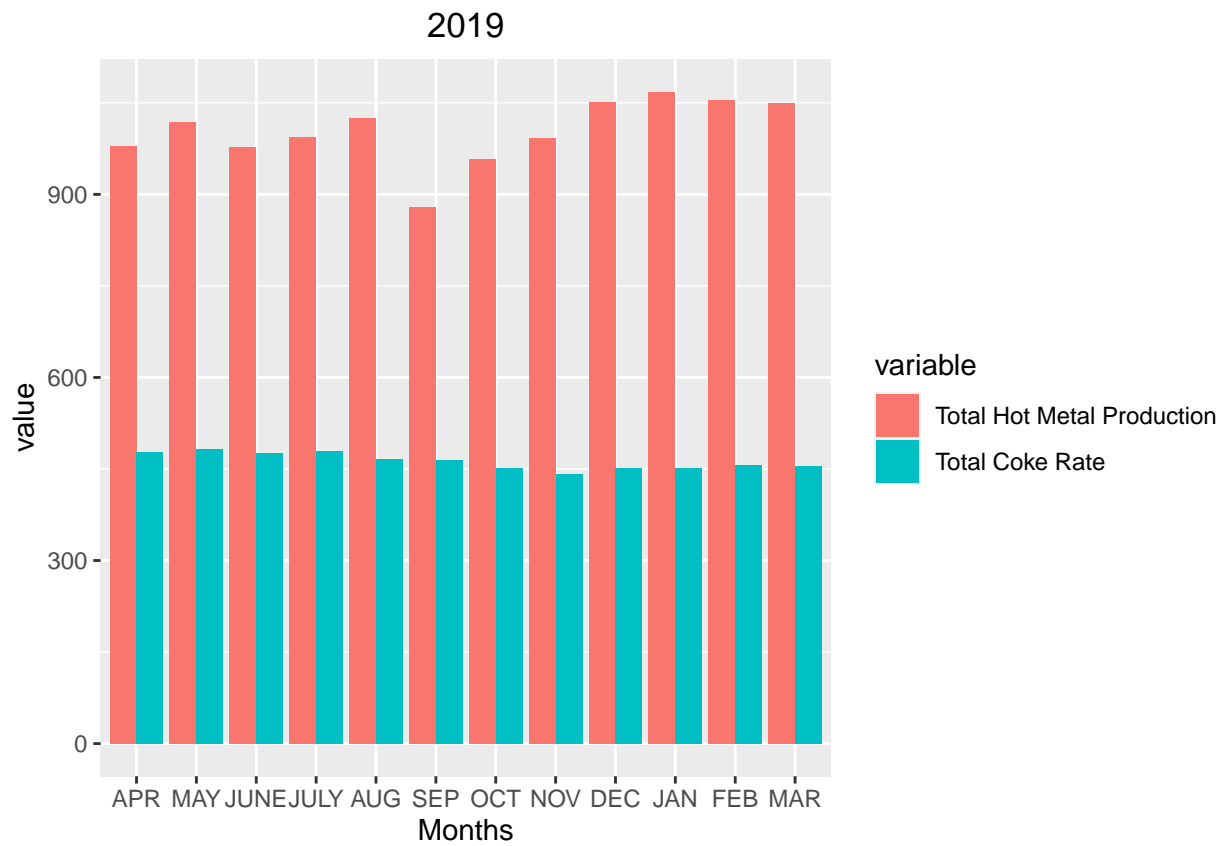


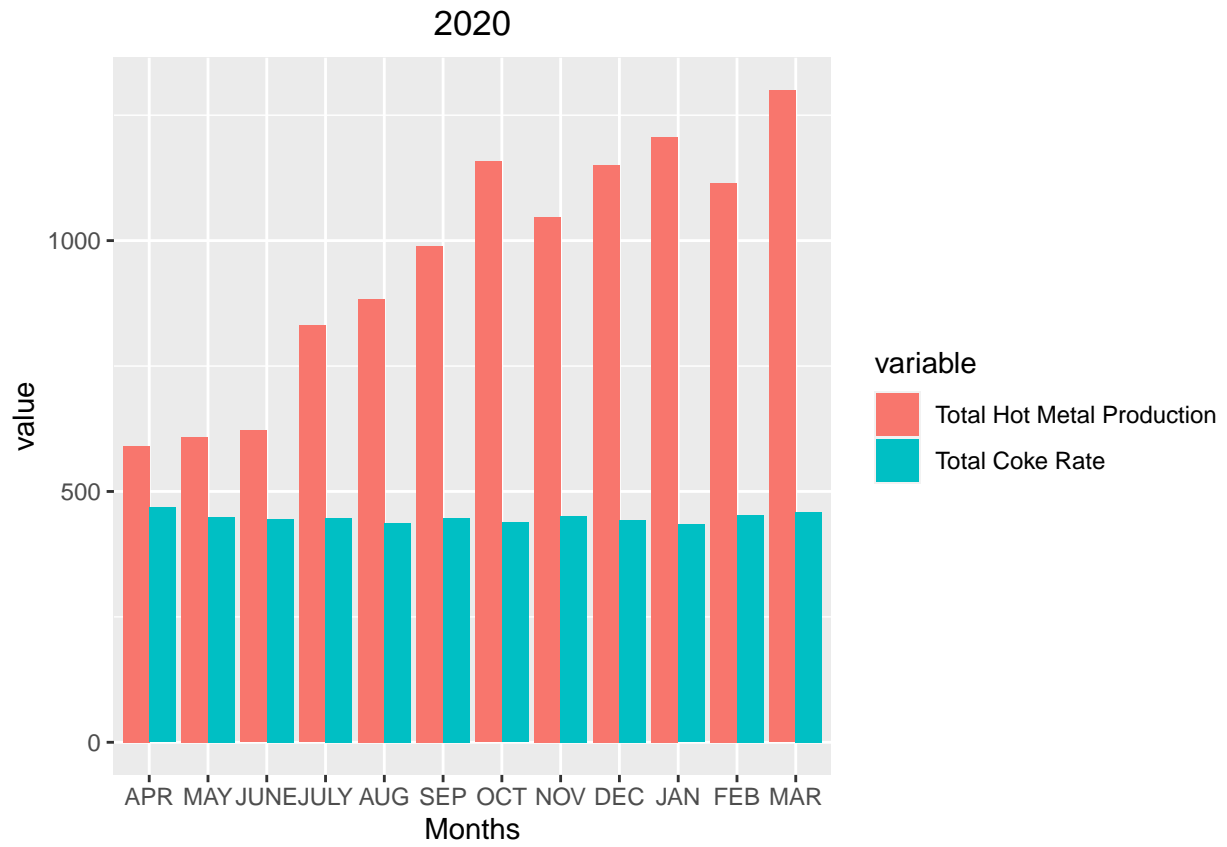
Coke Rate (KG/THM) 2020

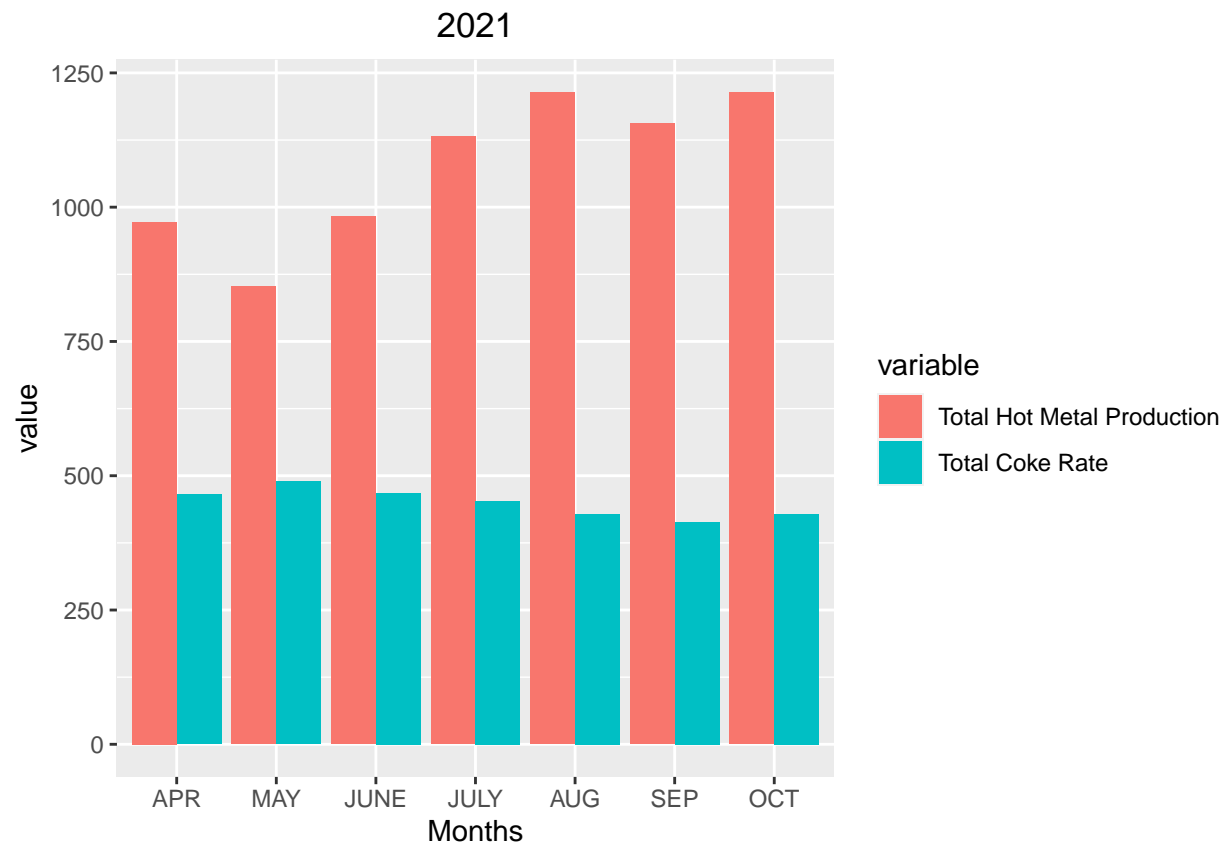




Total Production Vs Coke Rate







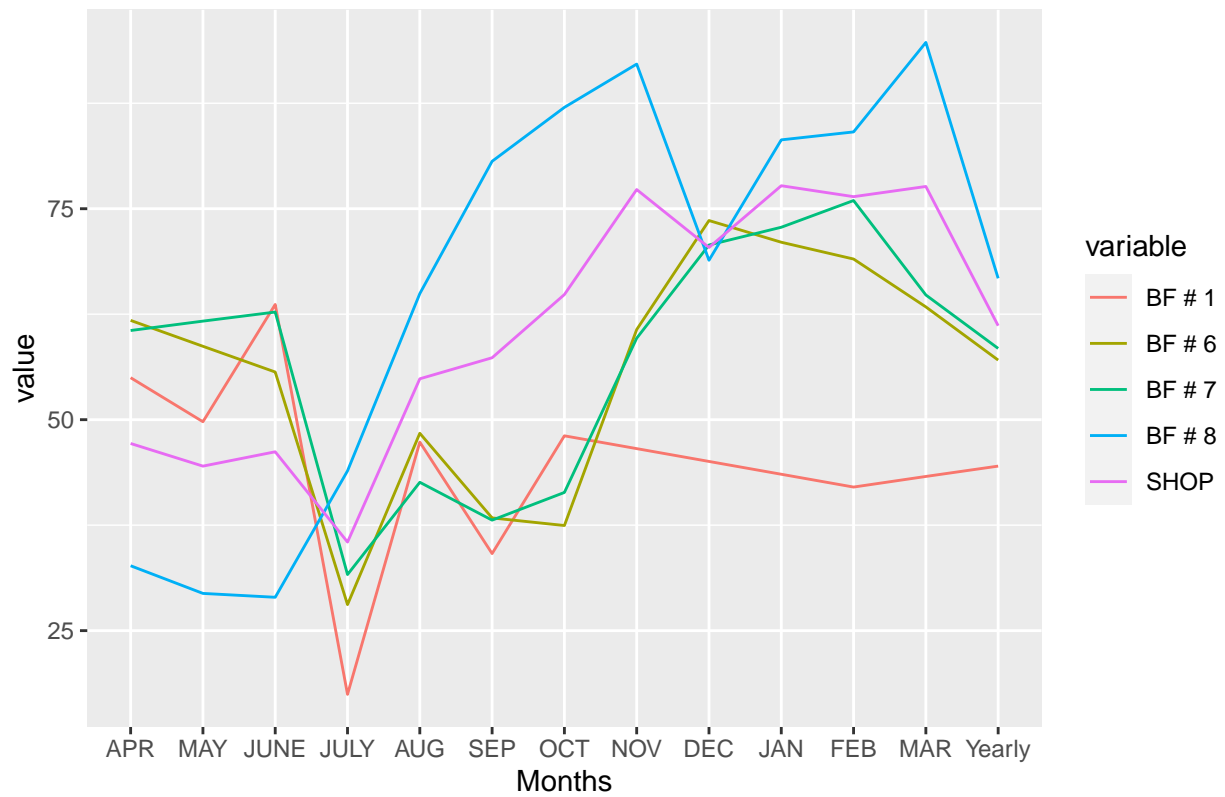
CDI RATE

CDI Rate for the purpose of the report is calculated by the formula

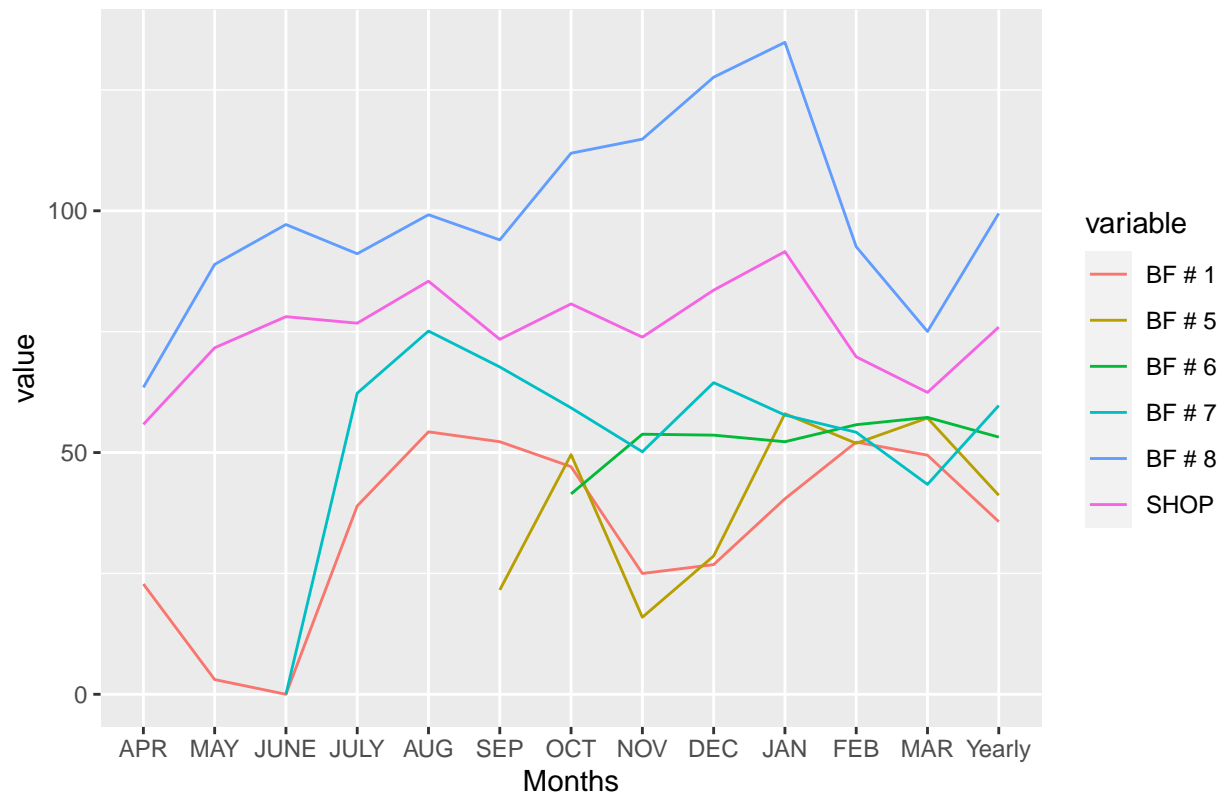
$$\text{CDI Rate} = \text{CDI} / \text{THM}$$

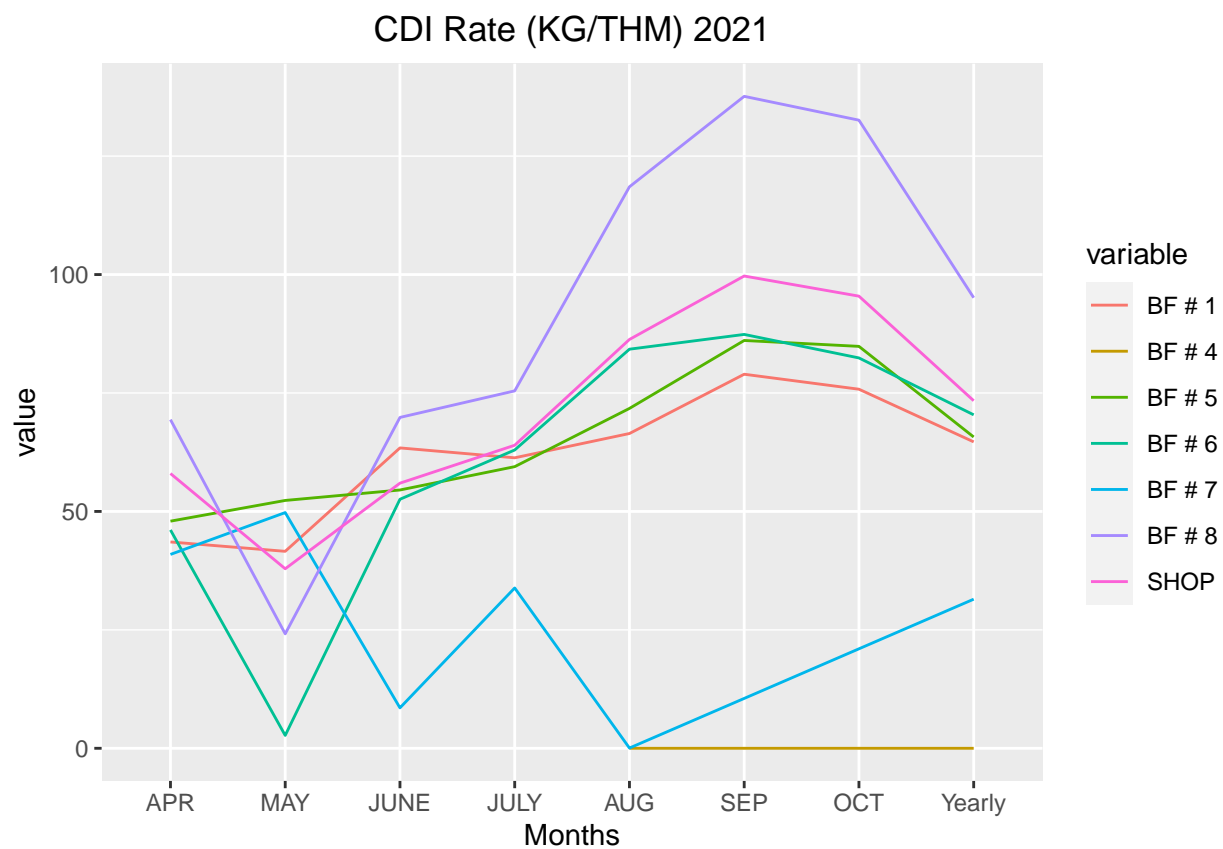
Graphs for CDI Rate for the year 2019,2020,2021

CDI Rate (KG/THM) 2019



CDI Rate (KG/THM) 2020





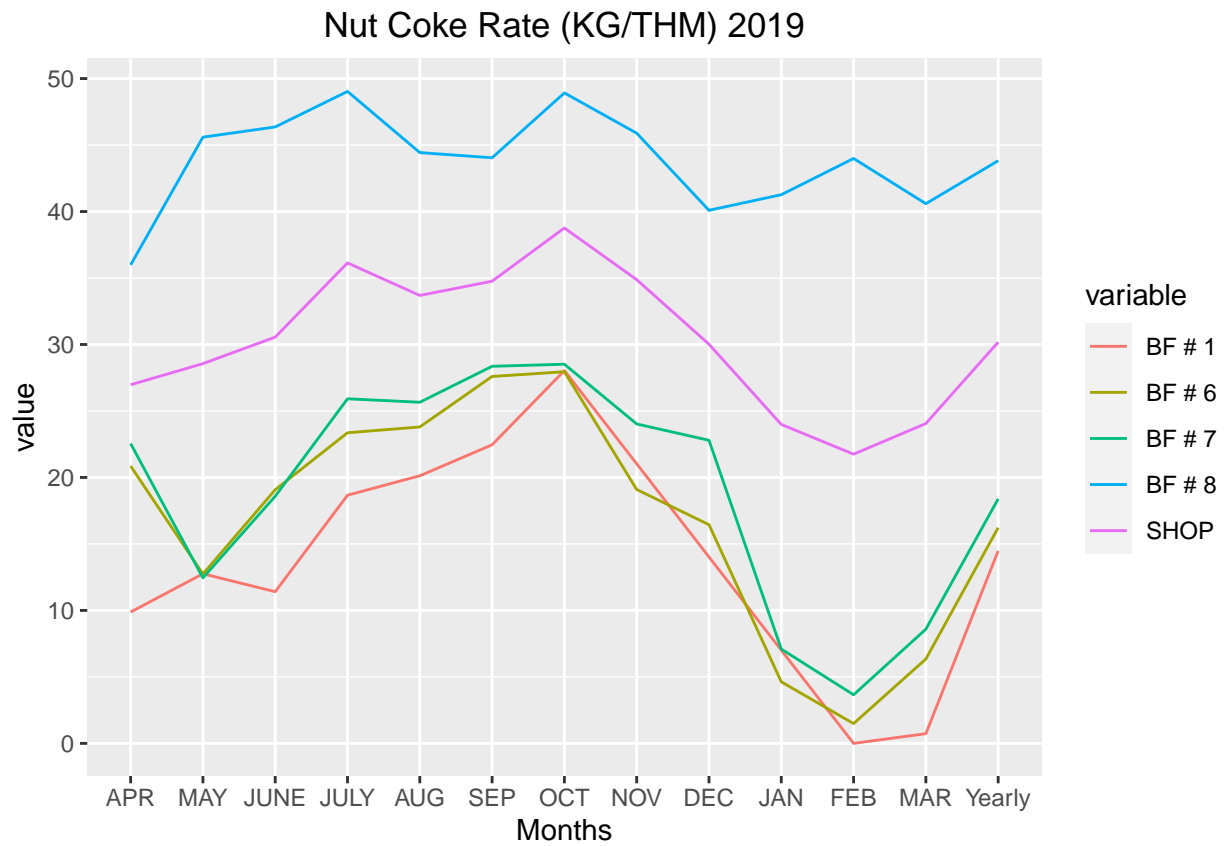
Total Production Vs CDI Rate

Nut Coke Rate

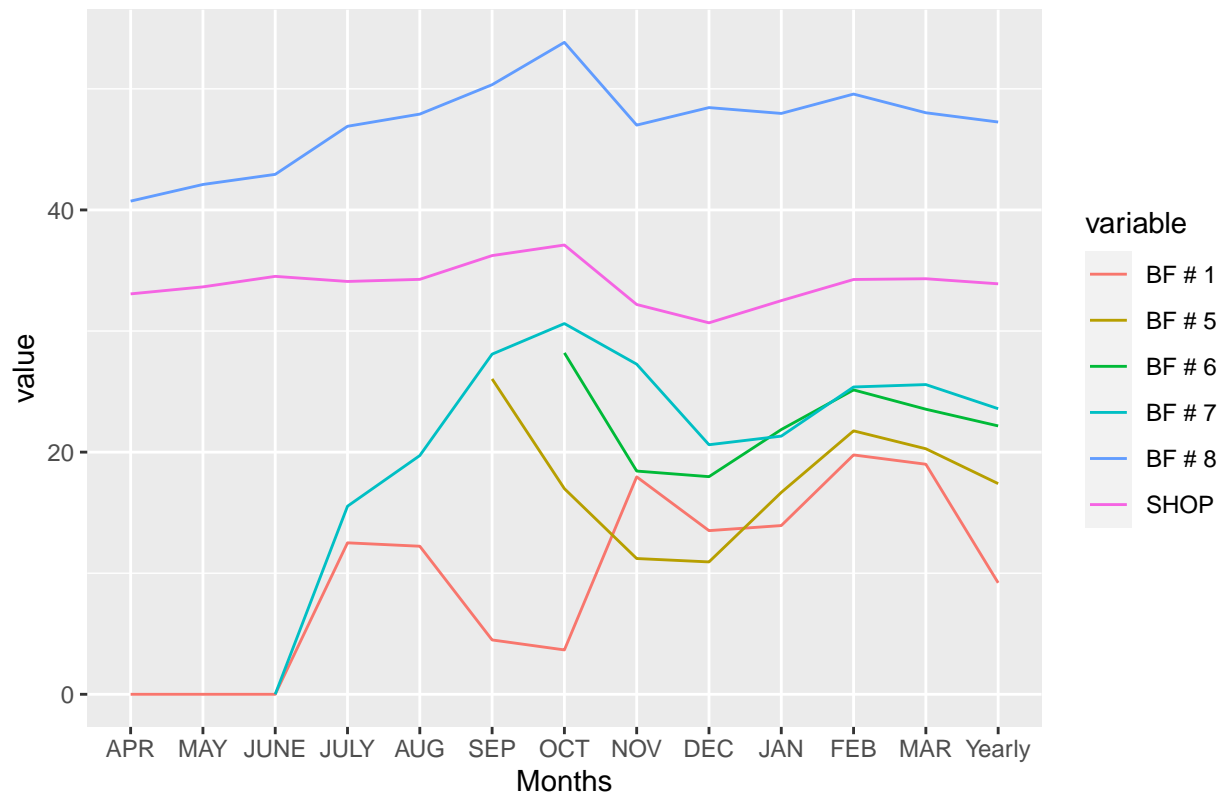
Nut Coke Rate for the purpose of the report is calculated by the formula

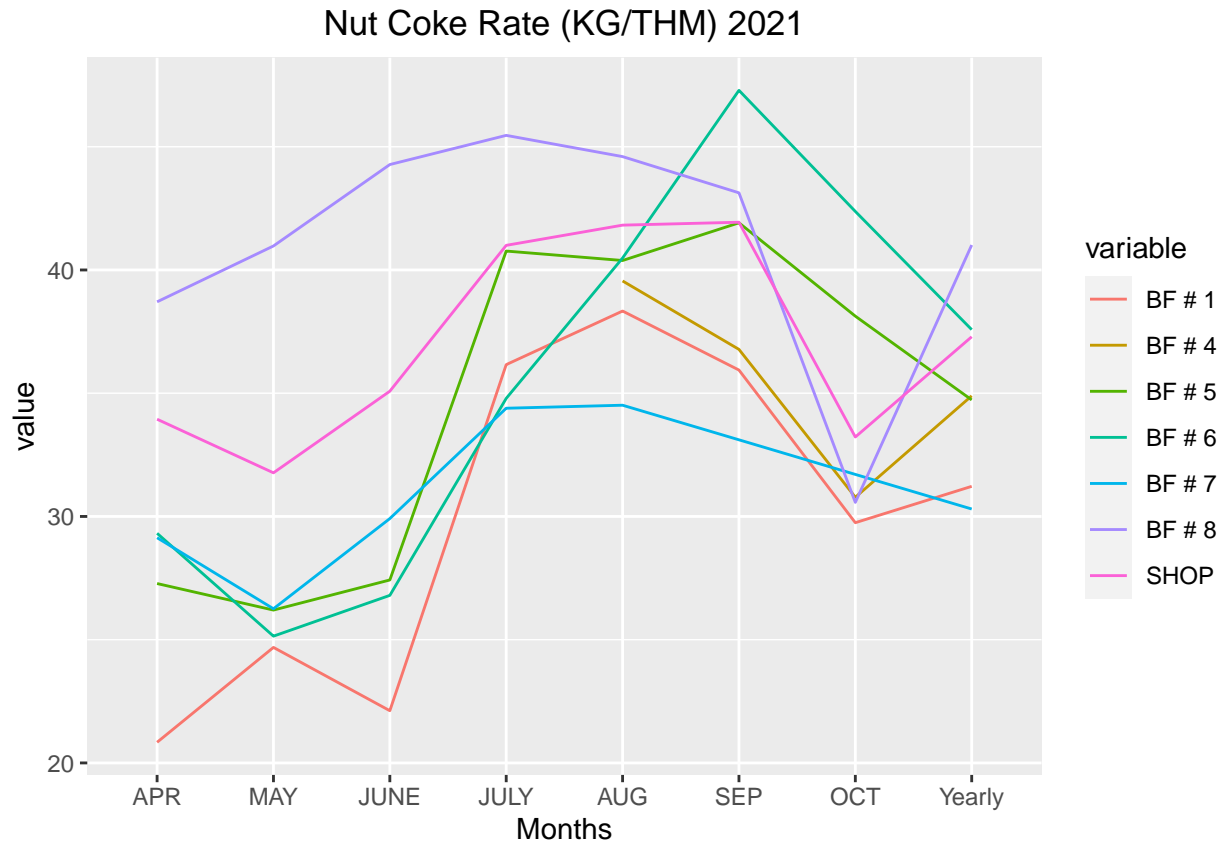
$$\text{Nut Coke Rate} = \text{Nut Coke} / \text{THM}$$

Graphs for Nut Coke Rate for the year 2019,2020,2021



Nut Coke Rate (KG/THM) 2020





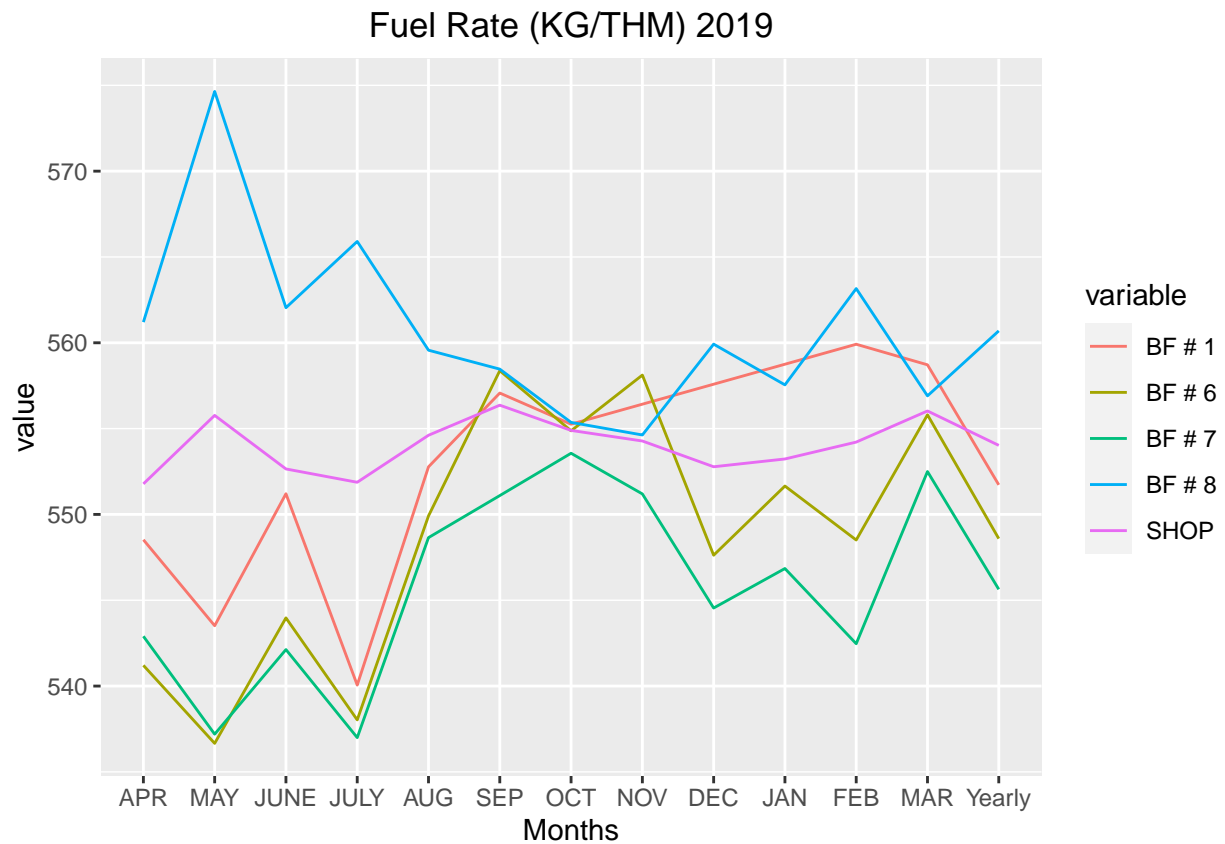
Total Production Vs CDI Rate

Fuel Rate

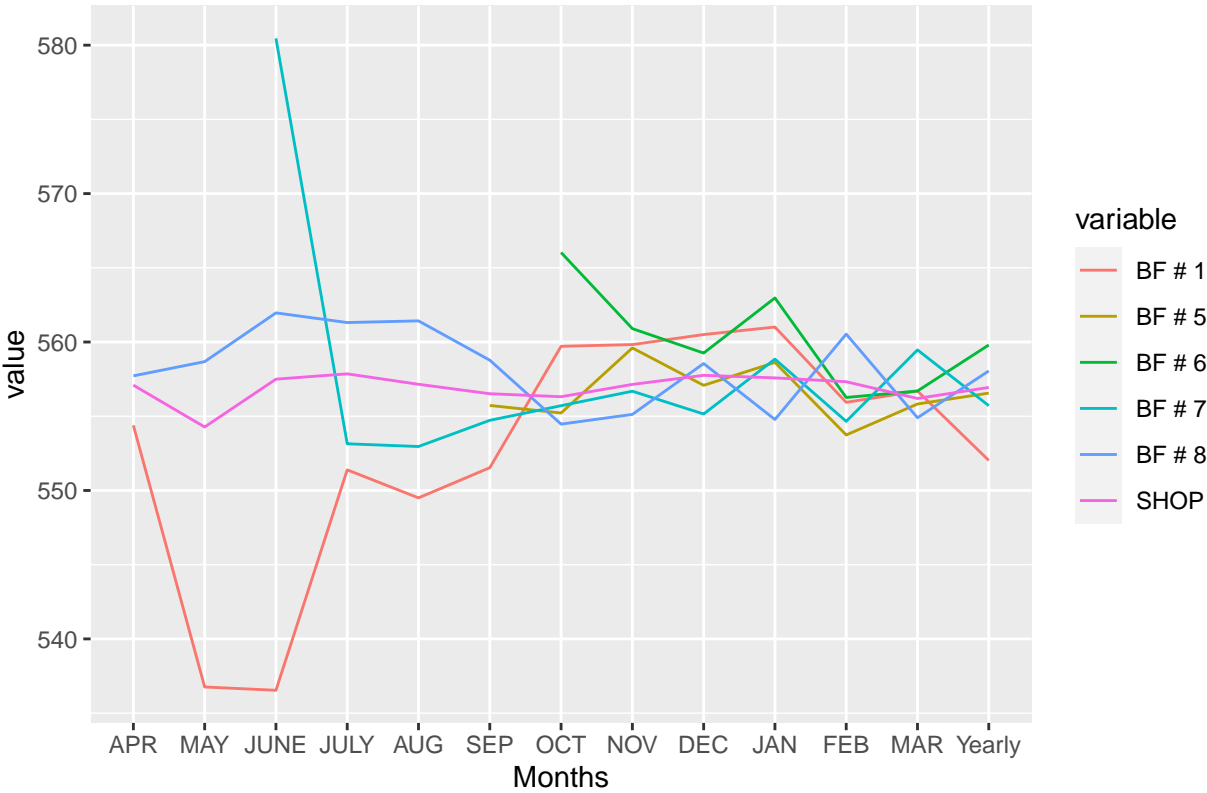
Fuel Rate for the purpose of the report is calculated by the formula

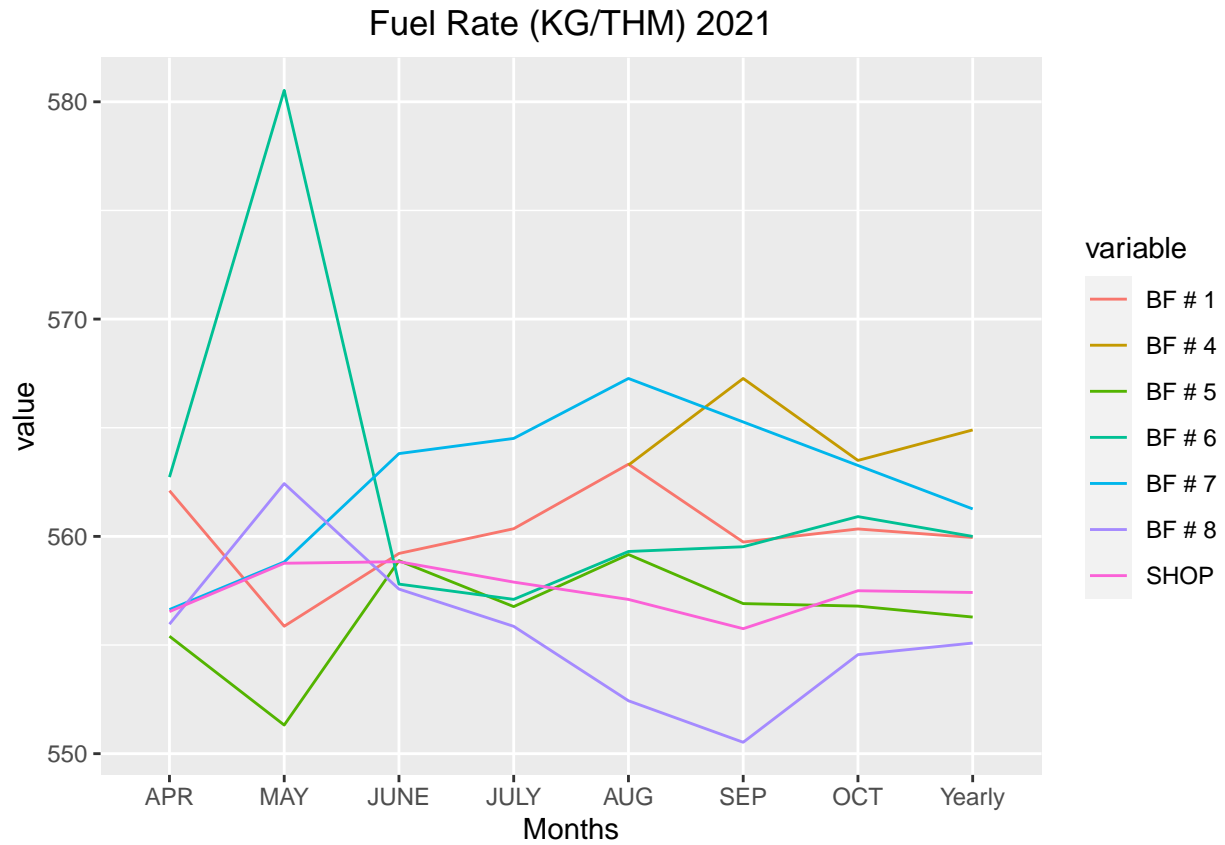
$$\text{Fuel Rate} = \text{Coke Rate} + \text{CDI Rate} + \text{Nut Coke Rate}$$

Graphs for Fuel Rate for the year 2019,2020,2021



Fuel Rate (KG/THM) 2020





Total Production Vs CDI Rate

PS:Some of the Blast furnaces were not operational during the calculation of the data and hence the gaps.