

Brazilian Iron: Production, Import and Exports 2016~2021

A short overview of events during the COVID19 pandemic.

Main product exported by Brazil between January and November 2021, iron ore is very important to the Brazilian economy. In the period, US\$ 37,092,972,214.15 were exported, which represented 22.30% of the Brazilian GDP.

Iron production and exportation is an indicator of the Brazilian economy. Based on this, we will analyze the variance in production, import and export during the covid epidemic that devastated the world economy from 2019, then we will create forecasts about the Brazilian economic environment for 2022.



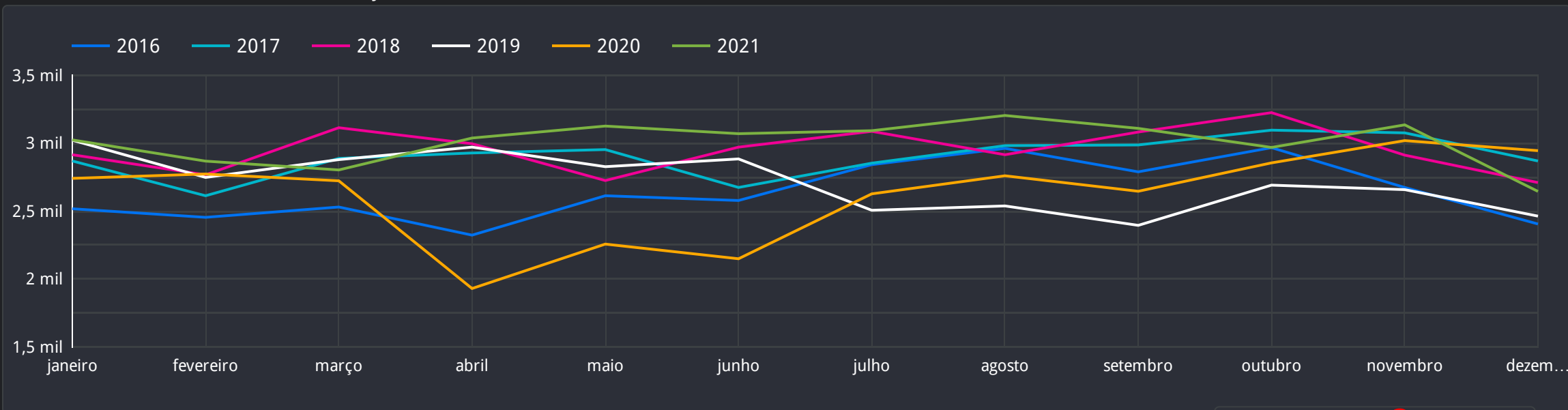
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A short overview of events during the COVID19 pandemic.

Source: Brazilian Steel Institute / Ministry of Economy

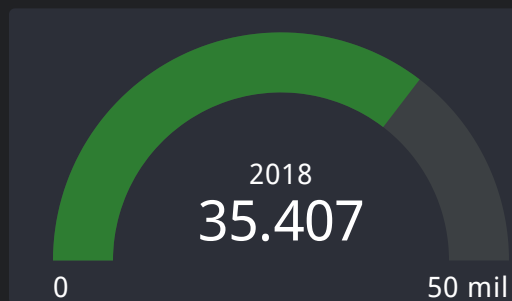
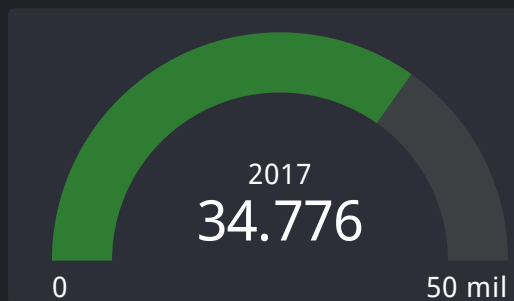
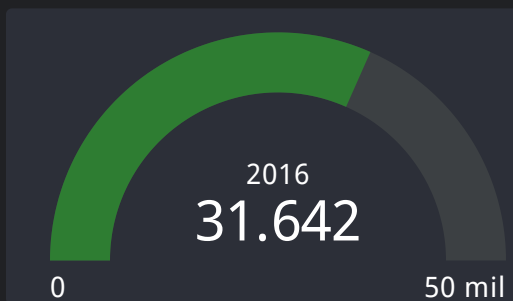
Production: Crude Steel *in thousand tonnes

Crude Steel Production: Series Month by Month

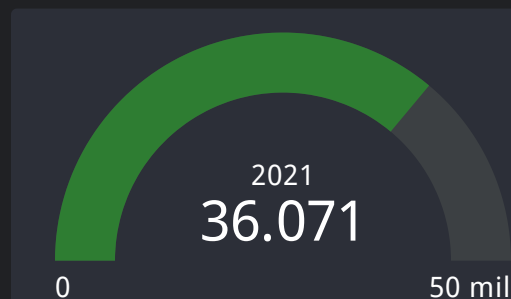
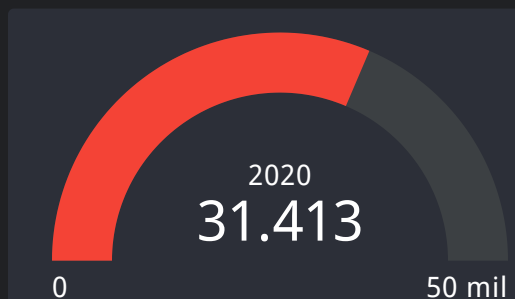
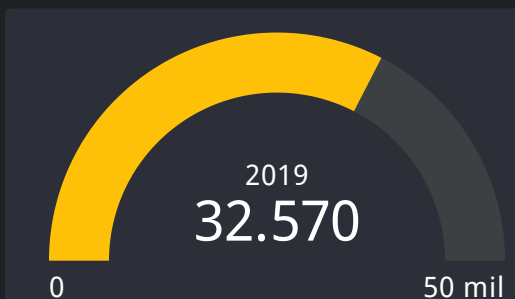


Crude Steel: Annual Series of Brazilian Production

Before COVID-19:



During COVID-19:



2016~2018: Constant growth

2019 - Constant growth stopped and in April started decline rate

2020 - April represented the lowest point in the series, but also represented a recovery in the sector that remains constant until today.

Conclusion:

The market that remained in stable growth before the pandemic, suffered a reduction during the pandemic, but recovered the pre-pandemic growth rate in 2021 and the **trend for 2022/2023 is a constant growth in production.**

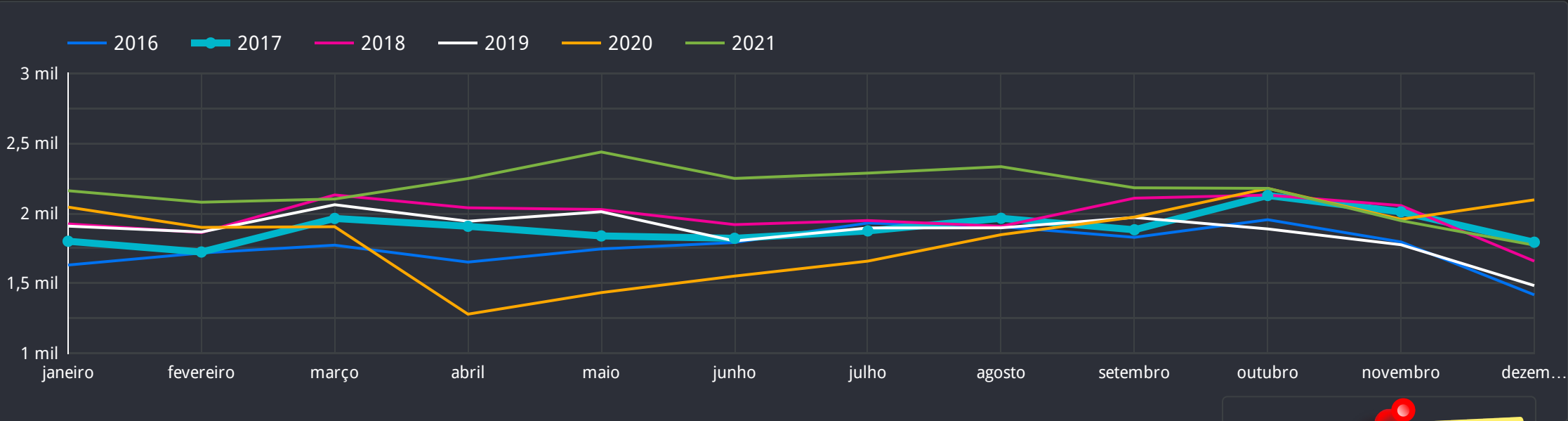
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Source: Brazilian Steel Institute / Ministry of Economy

Production: Rolled Products *in thousand tonnes

Rolled Products Production: Series Month by Month

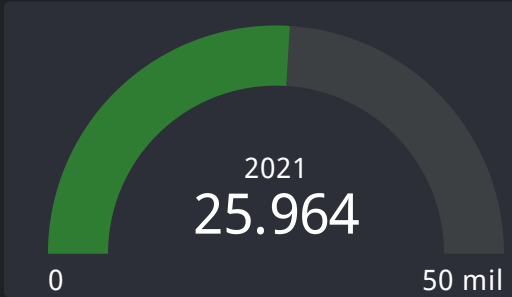
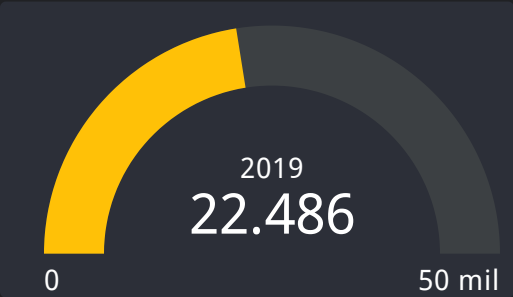


Rolled Products: Annual Series of Brazilian Production

Before COVID-19:



During COVID-19:



2016~2018: Constant growth
2019 - Production stable but it didn't grow. In September, began to decline
2020 - April represented the lowest point in the series, but also represented a recovery in the sector that remains constant until today.

Conclusion:
 The market that remained in stable growth before the pandemic, suffered a reduction during the pandemic, but recovered the pre-pandemic growth rate in 2021 and the **trend for 2022/2023 is a constant growth in production.**

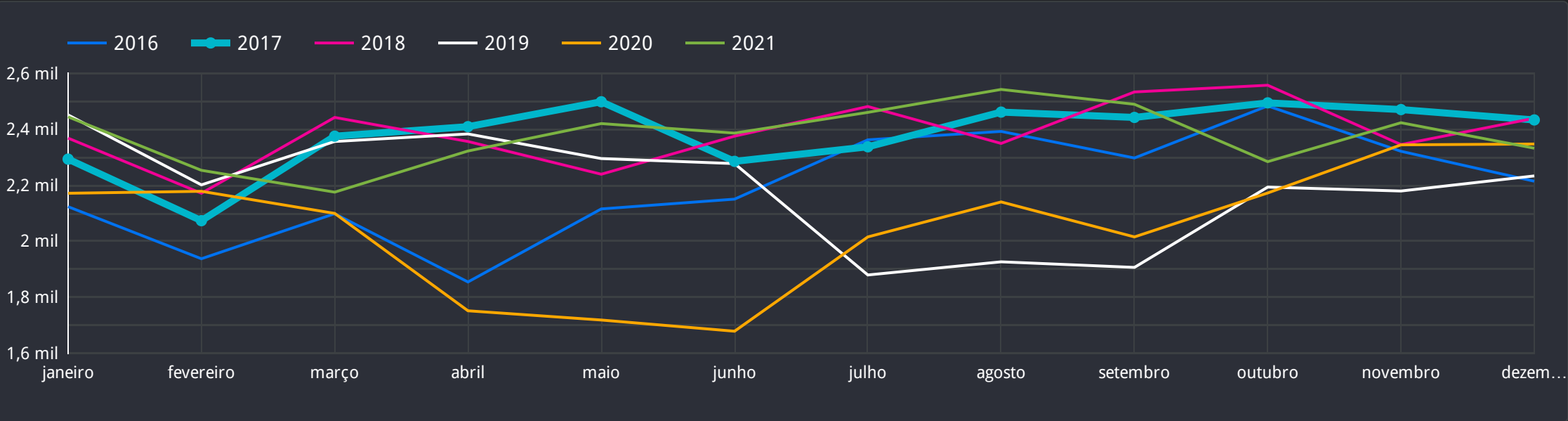
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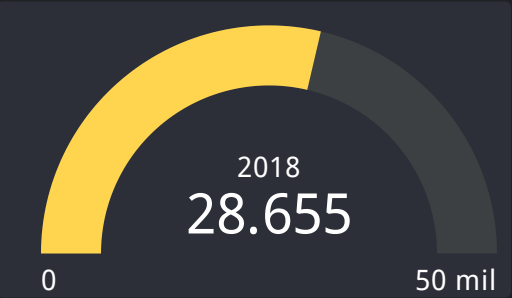
Production: Pig Iron *in thousand tones

Pig Iron Production: Series Month by Month



Pig Iron: Annual Series of Brazilian Production

Before COVID-19:



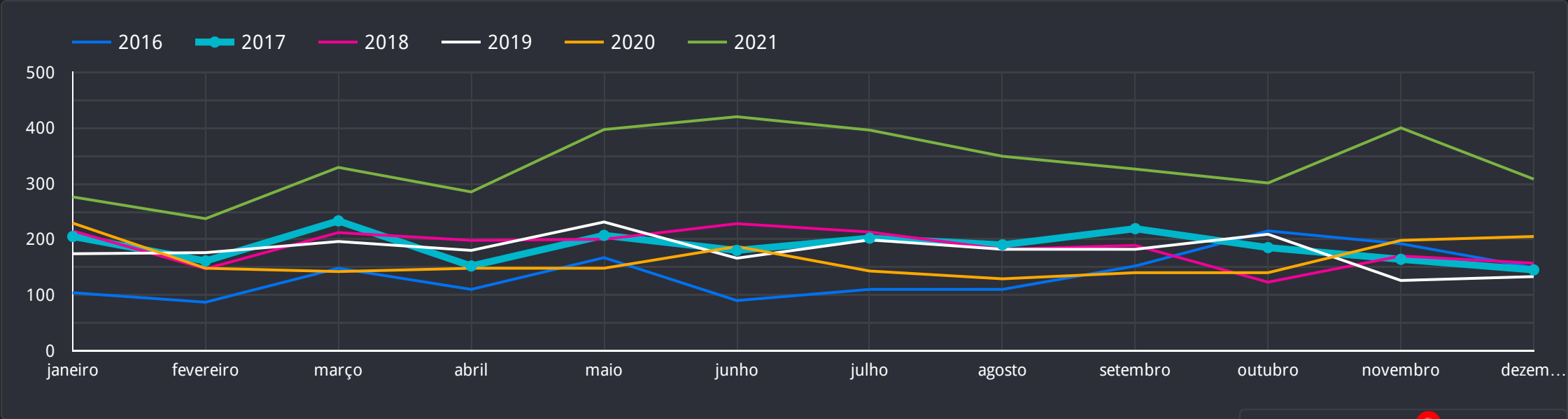
During COVID-19:



2016~2018: Constant growth
2019 - Production stable but it didn't grow. In May, began to decline
2020 - June represented the lowest point in the series, but also represented a recovery in the sector
2021 - Abrupt reduction in production in October
2022 - Lower than expected growth

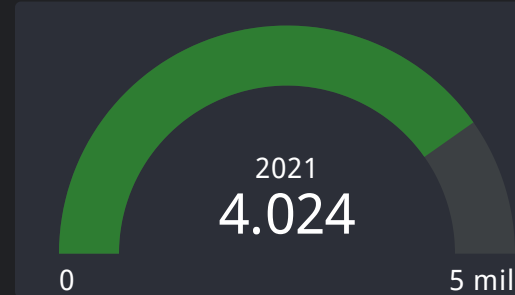
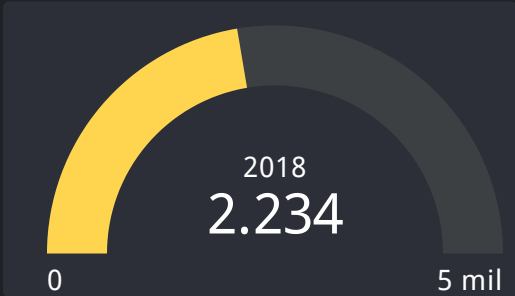
Conclusion:
 The market that remained in stable growth before the pandemic, suffered a reduction during the pandemic, in 2021 production started to grow again but at a slow pace, **in 2022 a result close to that of 2021 is expected.**

Imports: Rolled Products *in thousand tones



Rolled Products: Annual Series of Brazilian Imports

Before COVID-19:



- 2016~2018: Constant growth
- 2019 - Constant growth stopped
- 2020 - Decrease in imports
- 2021 - Great resumption in imports

Conclusion:
The pandemic had a negative impact, imports that were rising from 2016 to 2018 had a sharp drop in 2019 and 2020, but there was a recovery in the sector in 2021



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