

The Supply Chain: Before, During, and After COVID-19

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ABSTRACT

The complex supply and demand relationship is partly due to the globalization and internet availability that has connected millions of individuals in commerce and trade geographical distance. As a result of the interconnectedness, an interruption in the supply chain impacts many business entities. This study examines the supply chain management methods in the pre-COVID-19, the issues that emerged during the pandemic, such as distribution failure and the second section's ripple effect, and finally emerging changes post COVID-19. The COVID-19 pandemic was not the only challenge facing the supply chain networks. Instead, it amplified and exacerbated the existing challenges, and thus the industry experienced an interruption of product deliveries forcing some business entities to shut down. In spite of the challenges experienced in the pre-COVID-19 and throughout the pandemic, the future looks promising, with significant changes and opportunities in policy reforms, big data analytics, and intelligent logistics. Leaders can refine the lessons discovered during the pandemic through prescriptive analytics to support decision-making processes in future related challenges. In short, the magnitude of COVID-19's effect on SCM is undeniable the largest source of data that will shape policy reform debates and re-define international collaboration in research and development like witnessed during the manufacturing of the COVID-19 vaccines. The present study recommends that further studies establish the actual extent of the impact caused by COVID-19 on SCM.

Keywords: Pandemic, Covid-19, Supply Chain, Supply Chain Management, Commerce