

# Coronavirus Impact on Global Supply Chains

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## INTRODUCTION

Scope

### COVID-19 IMPACT ON SUPPLY CHAINS

Key findings (1)

Key findings (2)

COVID-19 exposed the risks of global supply chain network

COVID-19 had an extensive impact on supply chains across all regions

China's example shows industrial sector could face double shock

Government coordination will be crucial for recovery

Industries with most sensitive supply chains

Supply chain sensitivity index assumptions

### INDUSTRIES WITH MOST SENSITIVE SUPPLY CHAINS

Pharmaceuticals manufacturers expected to diversify supply chains

Agriculture industry is sensitive to transportation bottlenecks

Automotive companies plan production reshoring to diversify supply

Hi-tech goods companies to accelerate production diversification

Machinery industry's supply chain to become more regionalised

Food products industry to become more localised

### LONG-TERM SUPPLY CHAIN CHANGES

COVID-19 to have a long-lasting impact on supply chains

Digital strategies and better planning are key to prevent future risks

China could lose its central position in the global supply network

Production of critical components to become more regionalised

EU plans to strengthen its supply chains

Production regionalisation would hurt emerging economies

### ROLE OF DIGITAL AND AUTOMATION TOOLS

Companies expected to invest more in e-commerce

COVID-19 outbreak to accelerate investments in automation

Automation could accelerate employment growth in the long term

Network of microfactories could make supply chains more flexible

Case study: GE Appliances expands microfactory network to India

3D printing would help to diversify supply chains

Case study: 3D printing companies help to fight COVID-19

Digital tools to help better track changes in the supply chain

Key takeaways

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