

## Faculti Summary

<https://faculti.net/deindustrialization-and-industry-polarization/>

This video discusses the concept of "industry polarization," which refers to the increasing dispersion of manufacturing shares in countries' economic activity over time. The research highlights how, as countries develop, they typically shift economic activity from agriculture to manufacturing and then to services. However, more recent observations indicate that countries today tend to achieve lower peaks in manufacturing employment shares compared to previous decades, a phenomenon referred to as "premature deindustrialization," initially noted by economist Dani Rodrik.

The authors explore the changing landscape of economic structure through a quantitative approach, examining data across various countries and comparing trends over several decades. They identify key factors contributing to this phenomenon, including technological advancements leading to increased productivity in manufacturing but lesser gains in the service sector, and the declining relative prices of manufacturing outputs.

The analysis demonstrates that while technological change accounts for a significant portion of deindustrialization, the increasing concentration of manufacturing production in fewer countries is primarily driven by declining trade costs. The paper emphasizes that trade and technology interact, with trade functioning as a mechanism that amplifies the effects of technological change, contributing to overall structural shifts in economies.

The findings suggest important implications for industrial policy, particularly for lower-income countries entering the global market later. This video concludes by indicating that future research could investigate how trade dynamics influence the development and adoption of new technologies, which could further inform our understanding of structural changes in the global economy.