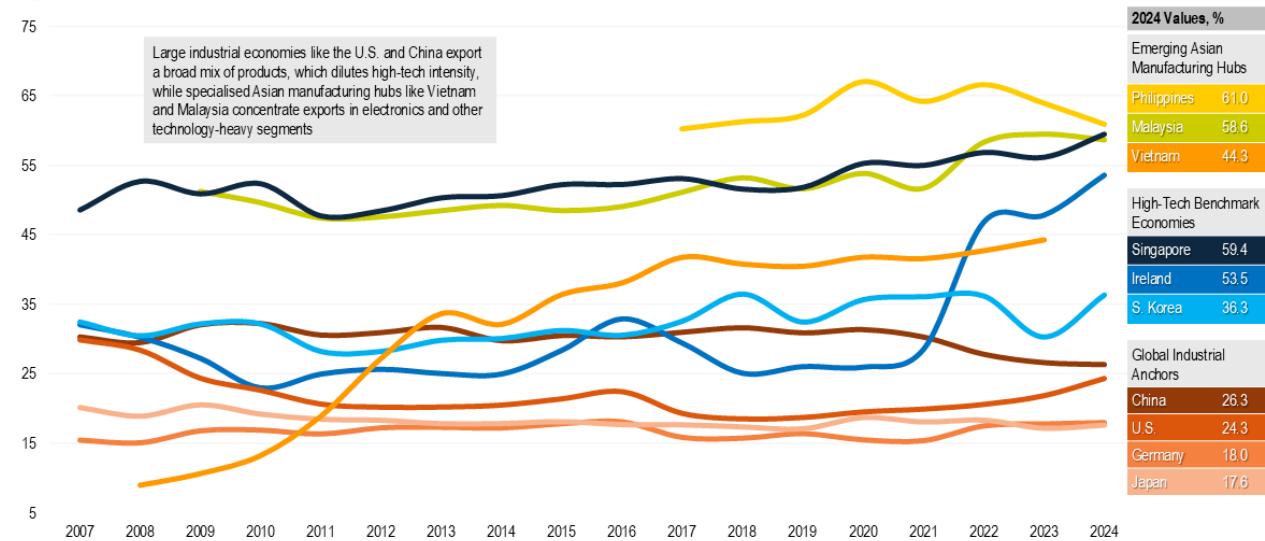




## High-Tech Export Intensity Since 2007 Across Major Manufacturing Economies

*Over the past two decades, manufacturing economies have followed sharply different paths: some, notably emerging Asian hubs, have steadily upgraded to technology-intensive exports, while others have plateaued despite scale.*

High-Tech Exports as % of Manufactured Exports: Selected Economies, % (2007-2024)



Source: World Bank, ANDAMAN PARTNERS Analysis. Note: No data for Malaysia (2007-2008), Philippines (2007-2016), Vietnam (2007, 2024).

Over the last two decades, high-technology export intensity has become a clear marker of how manufacturing economies are positioning themselves within global value chains. Scale alone does not guarantee upgrading: large industrial economies such as China, Germany and the U.S. export across a broad mix of products, which keeps headline high-tech shares structurally lower even as absolute volumes remain vast.

By contrast, several emerging Asian manufacturing hubs, notably Vietnam, Malaysia and the Philippines, have steadily increased their exposure to electronics and other technology-heavy segments, driving a sustained rise in high-tech intensity. The result is a widening divergence in export structures, with implications for resilience, margins and strategic relevance as global trade becomes more technology-driven.

A small group of high-tech benchmark economies, led by Ireland and Singapore, sits persistently at the upper end of the range, reflecting specialisation in technology-intensive exports. These economies serve as a reference point against which both emerging climbers and large industrial economies can be assessed.



Where an economy sits on the trajectory of high-tech export intensity increasingly shapes its competitiveness, its exposure to future trade shocks and the ecosystems in which advanced manufacturing investment will concentrate.

Also by ANDAMAN PARTNERS:

- [The Rise and Fall of China's Trade Intensity: From Export Surge to Economic Rebalancing](#)
- [The Evolution of China's Trade Structure: 1992-2024](#)
- [High-Tech Exports: China Leading, Asia Rising](#)

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