

# Supply Chain Benchmarking Dashboard

Providing insights into the performance of Australian supply chains.



**Supply chains are essential** for moving around 2.3 billion tonnes of road freight and 1.4 billion tonnes of rail freight across Australia annually, often over 1000 kilometres between production and markets.



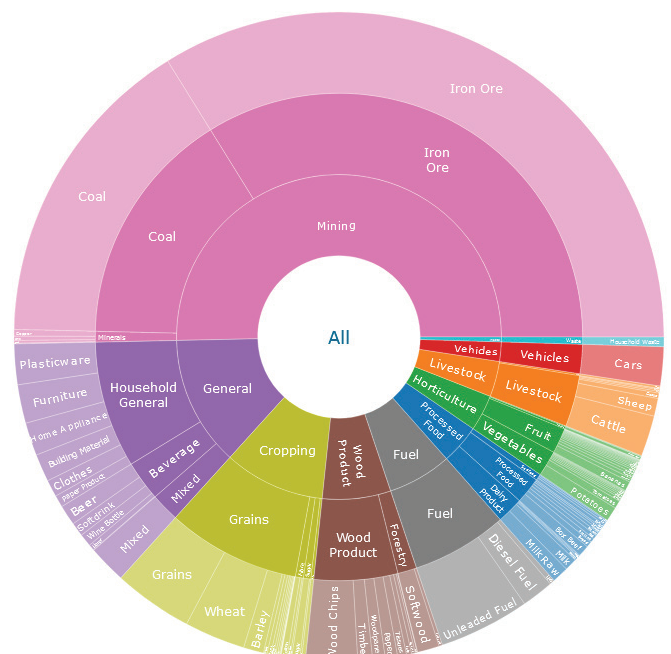
**Benchmarking is a key action under the National Freight and Supply Chain Strategy** to evaluate the performance of Australian supply chains.



**The Supply Chain Benchmarking Dashboard** will provide the capability to analyse the relative efficiency of transport and logistics across the supply chains of commodities at different locations.

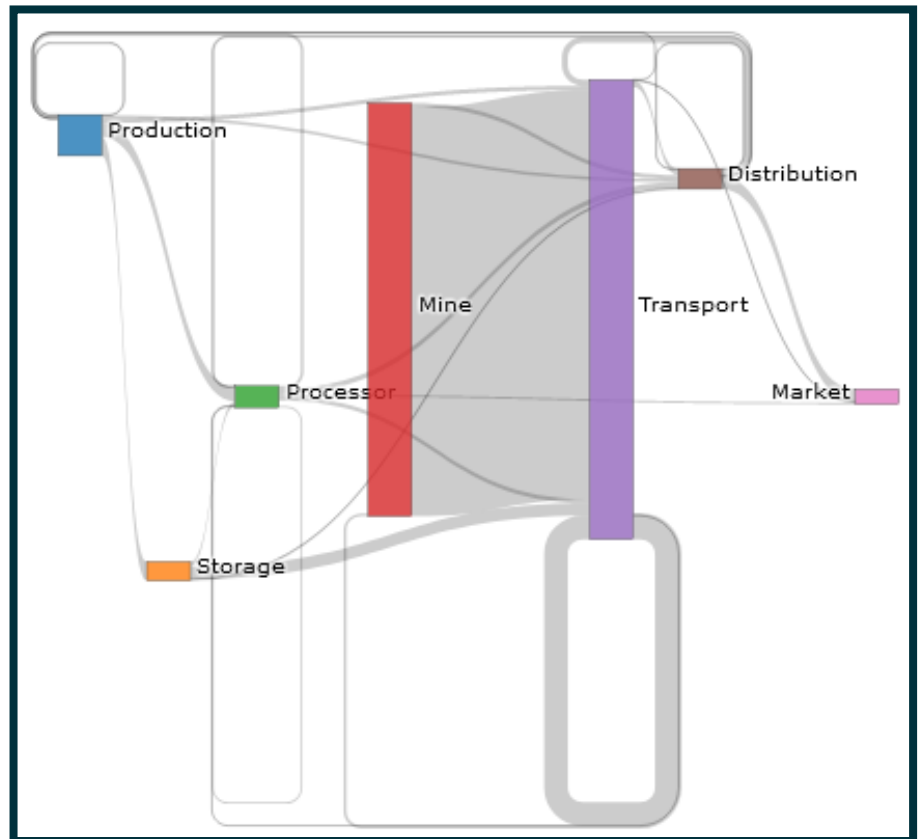
Australia's national science agency, the CSIRO, and the Department of Infrastructure, Transport, Regional Development and Communications are collaborating on supply chain benchmarking. This initiative delivers on industry calls for benchmarks and fills a gap in supply chain performance evaluation.

The interactive web tool allows benchmarking of Australian supply chains across commodities, regions and modes of transportation to measure performance and identify potential strengths, weaknesses, and opportunities. It will provide benchmarking indicators and insights as part of an online iterative tool for the National Freight Data Hub. The modelling, based on aggregated outputs from TraNSIT, will provide industry and governments with a common picture of supply chain performance for evaluation and identification of potential areas for action or collaboration.



## What does it provide?

- Domestic transport (or materials movement) costs, volumes, and other key indices for different 'target commodities', mapping where possible, and separating out costs of different journey types (i.e. producer-distributor; distributor-port).
- A means for users to compare supply chain costs between commodities, mode of transport, transportation paths, regions or locations.
- The opportunity to explore relevant international modelling and data or standards, for consideration of potential harmonisation to support future international comparison.



## Tell me more about TraNSIT

CSIRO, with the support of industry and the Australian Government, developed the Transport Network Strategic Investment Tool (TraNSIT) to provide a comprehensive view of transport logistics costs and benefits due to infrastructure investments and regulatory changes in freight supply chains.

TraNSIT optimises transport routes and vehicle selections between origin points (for example farms, manufacturers, mines, ports) and their domestic and export markets, providing valuable input to informing infrastructure investment decisions.

From an initial focus on agricultural commodities, TraNSIT has evolved to cover over 150 commodities representing more than 25 million vehicle and 200,000 rail trips per annum, and includes commodities like fuels, wood products, vehicles, waste, mining and general freight. Other commodities and modes of transport such as sea freight are being included over time.

The CSIRO benchmarking tool uses TraNSIT to provide insights and indicators for supply chain performance evaluation. This offers a robust evidence base to inform decision making and identify priority areas for further research or comparison.

### For more information

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