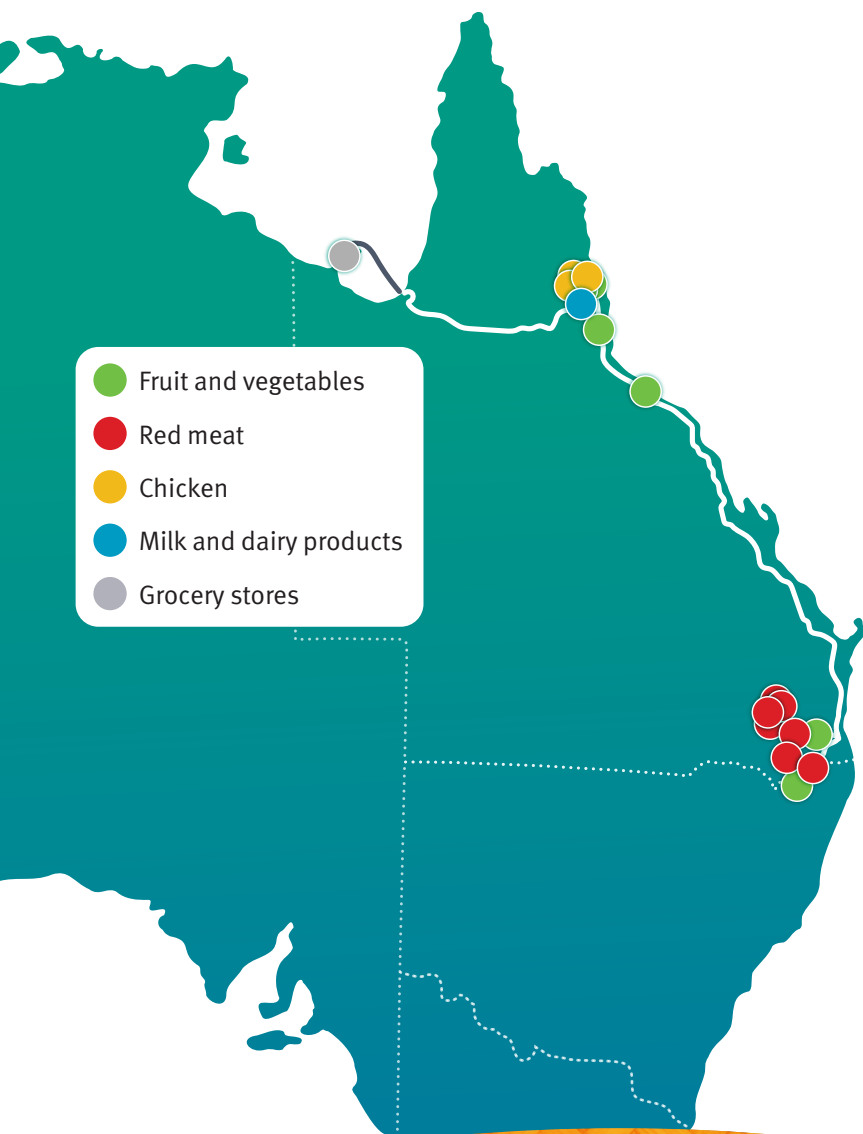


Remote Queensland Healthy Food Supply Chain Study Mornington Island

The Remote Queensland Healthy Food Supply Chain Study aimed to establish the role of supply chains in remote food security and identify opportunities, risks and solutions for their improved performance. The study was led by Health and Wellbeing Queensland in partnership with the Torres and Cape Indigenous Council Alliance (TCICA) and Arup Australia, as part of Gather + Grow.



Distance

Up to 2,815km

Due to community demand, Mornington Island sources fresh food from throughout Queensland. Food arrives in Cairns at various distribution centres before travelling to Mornington Island via road and sea freight.



Time

Up to 5 days

Food to Mornington Island can take up to 5 days to reach community once in the supply chain. As a result, food can arrive closer to its use by or best before date. Currently, a single weekly barge services Mornington Island, meaning that a missed shipment (e.g. due to weather or maintenance) can result in long delays before stores can be re-supplied. For context, supply chains to Brisbane take significantly less time, often 1–2 days.



Handling

Up to 12 touch points

The long supply chains, and in particular the long logistics transport legs, involve significant handling, including aggregation and decanting at depots and hubs. This can increase cost and compromise quality of the Island's food supply.



Disruption

The road transport leg between Cairns and Karumba is particularly prone to disruption in the wet season, resulting in costly workarounds and delayed deliveries, which have a significant flow-on impact to the operations of the store.

