

SUPPLY CHAINS

BY THE NUMBERS • PART 2



THE FUEL
SECTOR HAS A
TOTAL FREIGHT
VALUE OF OVER

\$84 

BILLION

THE LIVESTOCK
SECTOR HAS A
TOTAL FREIGHT
VALUE OF OVER

\$50 

BILLION

THE MINING
SECTOR HAS A
TOTAL FREIGHT
VALUE OF OVER

\$165 

BILLION

Indicated by CSIRO TraNSIT modelling: <https://www.csiro.au/en/research/technology-space/it/transport-logistics-transit>

IN 2019-20, TOTAL
INTERNATIONAL AIR
FREIGHT VALUE
IN AUSTRALIA WAS

\$113.7

BILLION

<https://www.statista.com/statistics/1034108/australia-total-air-freight-trade-value/>

IN 2018-19, THE
VALUE OF
AUSTRALIA'S
MARITIME EXPORTS WAS

\$333.8

BILLION

<https://www.bitre.gov.au/sites/default/files/documents/asf-2018-19.pdf>

DID YOU
KNOW?

10%

OF HEAVY VEHICLES
CARRY
WASTE 

<https://www.freightaustralia.gov.au/sites/default/files/documents/international-comparison-of-australias-freight-and-supply-chain-performance.pdf>

BETWEEN 2018 AND 2040

TOTAL FREIGHT
ACTIVITY IN AUSTRALIA
HAS BEEN FORECAST
TO GROW BY APPROX.

25%

ROAD FREIGHT
ACTIVITY IN AUSTRALIA
HAS BEEN FORECAST
TO GROW BY APPROX.

56%

CAPITAL CITY ROAD
FREIGHT IN AUSTRALIA
HAS BEEN FORECAST
TO GROW BY APPROX.

62%

Urban Freight Demand Modelling guidelines: <https://www.atap.gov.au/tools-techniques/urban-freight-demand-modelling/index>

"...Our estimates show that for every \$1 billion increase in online sales, this generates approximately 85,000 sqm of demand for warehouse space. With online retail sales expected to grow by around \$31 billion over the next five years, demand of 520,000 sqm per annum from online retail groups alone is expected to be required over the period..."

- Luke Crawford, Director, Industrial Research, Colliers Research
https://www.nswports.com.au/sites/default/files/4%2021082%20Att2%20NSW%20Ports%20GSC%20Future%20of%20Freight%20Submission_20210820_vDIST.pdf

ONLINE SHOPPING
GROWTH FOR THE
2020-21 FINANCIAL
YEAR LANDED AT
31.8%

https://auspost.com.au/content/dam/auspost_corp/media/documents/inside-australian-online-shopping-update-july-2021.pdf

9 MILLION
HOUSEHOLDS MADE
ONLINE PURCHASES
IN THE 2020-21
FINANCIAL YEAR.
THAT'S 82% OF ALL
HOUSEHOLDS

AUSTRALIANS SPENT
\$50.46
BILLION
ONLINE 
IN 2020

https://auspost.com.au/content/dam/auspost_corp/media/documents/ecommerce-industry-report-2021.pdf

IN THE ABS HOUSEHOLD
IMPACTS OF COVID-19 SURVEY

A THIRD
OF RESPONDENTS
INDICATED THEY PREFER
TO SHOP ONLINE NOW
MORE THAN THEY DID
BEFORE THE PANDEMIC

<https://www.abs.gov.au/statistics/people/people-and-communities/household-impacts-covid-19-survey/jun-2021#key-statistics>

NEARLY 3 IN 4
SMALL AND MEDIUM
BUSINESS REPORTED
HAVING TO CHANGE HOW
THEY OPERATE, RETHINK
SUPPLY CHAINS AND
PARTNER
WITH LOCAL
SUPPLIERS 

https://auspost.com.au/content/dam/auspost_corp/media/documents/ecommerce-industry-report-2021.pdf

**ROAD FREIGHT IN
CAPITAL CITIES AND
MAJOR PROVINCIAL
URBAN CENTRES
ACCOUNTS FOR
30-40%**
OF TOTAL ROAD
FREIGHT KILOMETRES

<https://www.atap.gov.au/tools-techniques/urban-freight-demand-modelling/index>

IN 2018, AUSTRALIA'S
ROAD NETWORK
MEASURED TO A
TOTAL LENGTH OF
877.7
THOUSAND
KILOMETRES



<https://www.statista.com/statistics/1030909/australia-length-of-roads-by-state>

AUSTRALIA HAS
AN ESTIMATED
32 900
ROUTE-KILOMETRES
OF OPERATIONAL
HEAVY RAILWAYS



https://www.bitre.gov.au/sites/default/files/documents/train_008.pdf

INTERSTATE
ROAD FREIGHT
REPRESENTS CLOSE TO
A THIRD
OF ALL ROAD
FREIGHT MOVEMENTS



<https://www.bitre.gov.au/publications/2020/australian-infrastructure-statistics-yearbook-2020>



Visit www.bitre.gov.au, www.datahub.freightaustralia.gov.au or
www.freightaustralia.gov.au for more statistics and information.