

Appendix F – Freight facts and projections (source: *Freight Futures*)

Freight today	Freight future
Victoria's total freight task has reached 560 million tonnes across all modes.	By 2020 the Victorian freight task will total 820 million tonnes, a 47% increase from today. By 2030 the task will have grown to over 1,100 million tonnes, a 97% increase from today.
Approximately \$14 billion in airfreight handled through Melbourne Airport per annum.	By 2020 the Air Freight Task value will approach \$20 billion, an increase of 42%.
91 million tonnes of freight is carried on Victoria's key regional freight corridors (Hume, South West, North West, Western, Gippsland).	By 2020 nearly 160 million tonnes in freight will be carried on Victoria's key regional freight corridors, an increase of over 70%.
There is over 12 billion tonne kilometres of freight moving within metropolitan Melbourne per annum.	17 billion tonne kilometres of freight will be moving within metropolitan Melbourne by 2020, an increase of over 40%.
The economic cost of congestion in metropolitan Melbourne to all network users is estimated to be between \$1.3 – \$2.6 billion pa.	By 2020, with no substantial intervention, cost of congestion will have doubled to at least \$2.6 – \$5.2 billion annually.
There are 31.5 billion kilometres travelled per annum within metropolitan Melbourne by private cars.	In 2020, there will be 38.5 billion kilometres travelled by private cars, an increase of 22%.
There are 5.5 billion kilometres travelled per annum within metropolitan Melbourne by freight vehicles.	By 2020 total kilometres travelled by freight vehicles is forecast to have grown to 9.7 billion kilometres, an increase of 77%.
Freight traffic accounts for 15% of total vehicle kilometres travelled within metropolitan Melbourne.	By 2020 freight traffic kilometres will account for 20% of total vehicle kilometres travelled within metropolitan Melbourne.
Melbourne's metropolitan road freight task by weight around 210 million tonnes per annum.	Metropolitan road task by weight will be 425 million tonnes by 2030, an increase of 102%.
Approximately 606,000 freight vehicles are registered in Victoria.	By 2030, there will be approximately 1.12 million freight vehicles registered in Victoria, an increase of 85%.
Approximately 490,000 Light Commercial Vehicles are registered in Victoria.	By 2030, Victoria's LCV population alone will be approaching one million vehicles, an increase of 104%.
Approximately 22,250 articulated trucks are registered in Victoria.	By 2030 there will be over 40,000 articulated trucks registered in Victoria, an increase of 80%.
Over 2 million twenty foot equivalent containers (TEUs) move through the Port of Melbourne annually.	By 2030, approximately 6.8 million TEUs will be traded through the Port of Melbourne, a 210% increase on today.
The average size of ships visiting the Port of Melbourne is approximately 2,400 TEU.	Average ship size through the Port of Melbourne in 2030 will be over 4,500 TEU, an 88% increase.
Approximately 3,500 ships visit the Port of Melbourne per annum.	By 2030 there are forecast to be 5,500 ship visits to the Port of Melbourne per annum, an increase of 57%.

Source: *Freight Futures* after BTRE 2006, 2007, (Special date series), Port of Melbourne Corporation, (Special date series) ABS: SMVU 9208.0 Various Years, 2006-2008), Victorian AirFreight Council, VCEC Congestion Inquiry, DOI 2002.