



Australian Government

Department of Infrastructure and Regional Development

Bureau of Infrastructure, Transport and Regional Economics



Australian road freight estimates: 2016 update

At a glance

This Information Sheet presents estimates of the road freight task in Australia between 1969-70 and 2015-16. Estimates are available by state for interstate, intrastate and capital city road freight.

In the period 1969-70 to 2015-16 total road freight estimate in Australia increased from 23 billion tonne-kilometres (tkm) in 1969-70 to 212 billion tkm in 2014-15 (an average 5 per cent annual growth rate).

Western Australia had the highest historical growth rate for total interstate road freight, averaging 6 per cent per annum from 1969-70 to 2014-15.

Brisbane experienced the highest historical growth rate for capital city road freight at 6 ½ per cent per annum from 1969-70 to 2014-15.

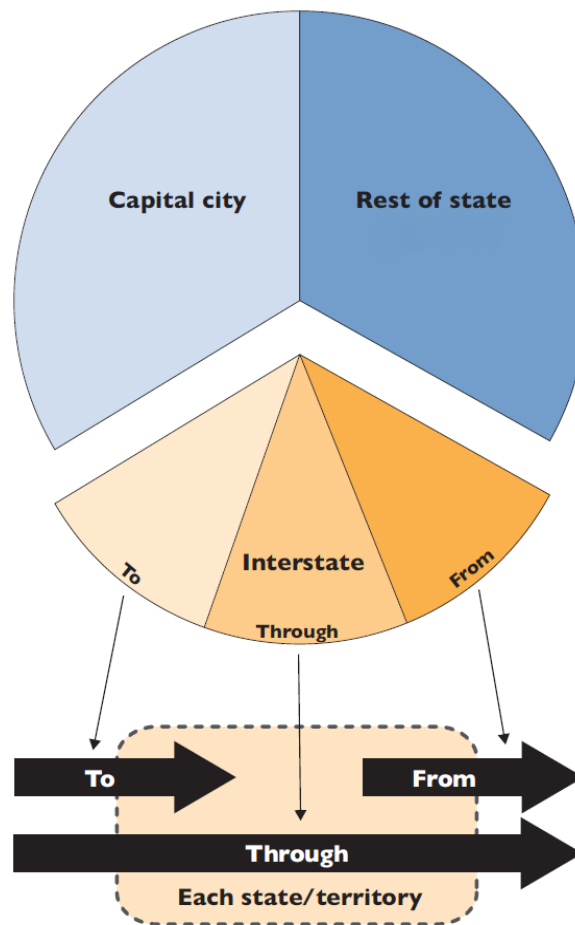
I. Introduction

BITRE (2010) presents a methodology for estimating the road freight task in Australia in each state and territory.

The current analysis uses this methodology to update the values presented in BITRE (2010) to reflect new data from the 2012 and 2014 issues of the Australian Bureau of Statistics' Survey of Motor Vehicle Use (SMVU, ABS 2015a). In addition, the availability of a 2014 Freight Movements Survey (FMS, ABS 2015b) allowed new trend estimates of conversion factors from an SMVU 'State of registration' freight data basis to an FMS 'State of origin' basis over the years 2001 to 2014. The result is an update of estimates of the road freight task for each state, territory and capital city between financial years 1969-70 and 2014-15.

Figure I is a schematic representation of the estimates made for each state and territory, which include interstate (to, from and through), capital city and rest of state estimates.

Figure 1: Schematic diagram showing components of road freight estimates in a given state/territory



Source: Modified from figure F2.1 in BITRE (2010).

2. Methodology

A key data source for the update of road freight estimates is the ABS Survey of Motor Vehicle Use (SMVU). SMVU data are available for those years when the survey was conducted. From 1971 to 1995, the survey (SMVU) was conducted every three to five years. From 1998 to 2007 it was conducted annually. It was not conducted in 2008 and 2009 but since 2010 it is conducted every two years.

The analysis starts with the derivation of Australia-level aggregates for each of the SMVU years. However, there is no overlap between the samples selected in consecutive years since the survey has not been specifically designed to measure the change between years. The ABS warns that 'Caution must be used when using the SMVU to measure change'. To derive SMVU-based time series estimates of road freight BITRE has developed methods for adjusting the raw SMVU data:

- To improve consistency in estimates over time;
- To adjust the interstate road freight task, which is defined by ABS as the amount of tonne-kilometres done by other States' trucks on a State's roads. But this definition is limited to 'freight carried by trucks registered in other states on a state's roads'. A transition to an 'origin-destination' definition is achieved using conversion factors based on the 2001 and 2014 ABS Freight Movements Surveys:
- To correct for the overstating of vehicle kilometres travelled in recall surveys before 1998; and
- To correct the proportion of laden vehicles (especially in 1998 and 1999).

The development of these methods has been reported elsewhere (see Gargett, Hossain & Cosgrove (2006) Soames, Hossain & Gargett (2007), Gargett and Hossain (2008), and BITRE (2006, 2010)).

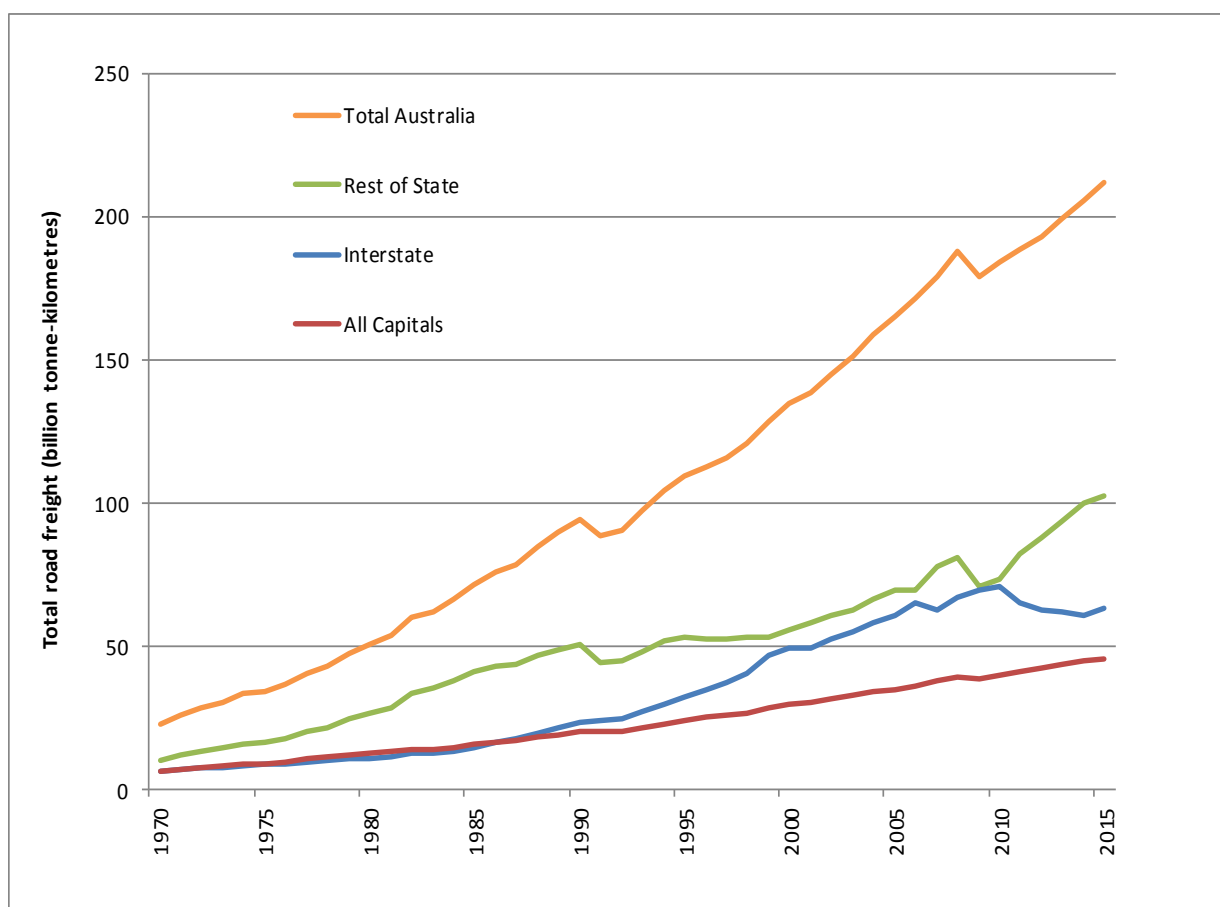
3. Total road freight estimates for Australia by state/ territory

Figure 2.1 shows the growth in Australia's total road freight split into interstate, capital city and rest of state (intrastate minus capital city).

The global financial crisis dampened total road freight growth only slightly and for a short time.

However, interstate freight went into a longer decline, with the slack being taken up by rest of state freight. This perhaps represents the results of the decline in domestic manufacturing, with the accompanying increase in imports through capital city ports – freight which is distributed within the state.

Figure 2.1 Road freight estimates by interstate, capital cities and rest of state, Australia, 1969-70 to 2014-15



Source: BITRE estimates.

Table 2.1 presents the Australian total national road freight. In the period from 1969-70 to 2014-15 the total road freight estimate for Australia increased from 23 billion tkm in 1969-70 to 212 billion tkm in 2014-15 (Figure 2.1 and Table 2.1). Each of the three components that make up the total also increased as follows:

- Australia's total interstate freight estimate increased from 6 billion tkm to 63 billion tkm;
- the total road freight estimate in the eight capital cities increased from 6 billion tkm to 46 billion tkm; and
- the rest of state (i.e. within the state) road freight estimate increased from 10 billion tkm to 103 billion tkm.

Tables 2.2 to 2.9 show the road freight estimates of interstate ('from', 'to', 'through', and 'total'), 'capital city', 'rest of state' and 'total state' (i.e. sum of interstate, capital city and rest of state) for each state and territory.

Table 2.1: Estimates of Australian national road freight (billion tkm)

Financial year	Interstate	Capital cities	Rest of Australia	Total Australia
1970	6.2	6.3	10.4	22.9
1971	6.9	7.0	12.0	25.9
1972	7.5	7.6	13.1	28.2
1973	8.0	8.1	14.3	30.4
1974	8.6	8.8	16.2	33.5
1975	8.8	9.0	16.4	34.2
1976	9.3	9.6	17.7	36.6
1977	9.8	10.6	20.4	40.8
1978	10.0	11.2	21.8	43.0
1979	10.6	12.3	24.9	47.7
1980	11.1	12.8	26.5	50.4
1981	11.6	13.4	28.5	53.6
1982	12.5	14.0	33.8	60.3
1983	12.5	13.9	35.7	62.1
1984	13.6	14.7	38.0	66.2
1985	14.9	15.7	41.0	71.6
1986	16.3	16.6	42.9	75.8
1987	17.6	17.3	43.9	78.7
1988	19.7	18.4	47.0	85.1
1989	21.5	19.3	48.9	89.7
1990	23.3	20.1	50.7	94.1
1991	24.1	20.2	44.5	88.7
1992	25.0	20.4	45.2	90.7
1993	27.3	21.7	48.4	97.4
1994	29.9	23.0	51.6	104.5
1995	32.5	24.3	53.0	109.8
1996	34.8	25.1	52.8	112.7
1997	37.3	25.9	52.6	115.8
1998	40.4	26.9	53.2	120.5
1999	46.8	28.3	53.1	128.2
2000	49.6	29.5	55.6	134.8
2001	49.7	30.3	58.3	138.2
2002	52.7	31.6	60.8	145.0
2003	55.4	32.7	62.8	150.9
2004	58.2	33.9	66.5	158.6
2005	60.8	34.9	69.4	165.2
2006	64.9	36.4	69.9	171.2
2007	62.9	38.2	78.0	179.1
2008	67.2	39.5	80.8	187.6
2009	69.8	38.8	70.7	179.3
2010	70.9	39.8	73.6	184.3
2011	65.1	41.1	82.3	188.4
2012	62.6	42.5	87.9	193.0
2013	61.8	43.7	93.8	199.3
2014	61.0	44.8	99.9	205.7
2015	63.4	45.9	102.7	212.0

Source: BITRE estimates.

Table 2.2: Estimates of Australian national road freight: New South Wales (billion tkm)

Financial Year	Interstate			Total	Sydney	Rest of State	Total NSW
	From	To	Through				
1970	1.16	1.23	0.97	3.35	2.52	3.01	8.88
1971	1.31	1.38	1.05	3.74	2.78	3.50	10.02
1972	1.46	1.53	1.12	4.11	2.98	3.85	10.93
1973	1.53	1.59	1.18	4.30	3.16	4.22	11.68
1974	1.64	1.68	1.25	4.57	3.39	4.81	12.76
1975	1.66	1.68	1.29	4.63	3.47	4.88	12.99
1976	1.74	1.74	1.35	4.83	3.67	5.29	13.79
1977	1.83	1.81	1.41	5.06	3.96	6.16	15.18
1978	1.85	1.81	1.45	5.11	4.13	6.62	15.86
1979	1.95	1.90	1.52	5.37	4.43	7.64	17.44
1980	2.03	1.96	1.59	5.57	4.59	8.15	18.31
1981	2.11	2.03	1.66	5.80	4.77	8.78	19.35
1982	2.29	2.18	1.75	6.22	4.94	10.45	21.61
1983	2.28	2.17	1.75	6.20	4.87	11.07	22.14
1984	2.50	2.37	1.86	6.74	5.11	11.75	23.60
1985	2.78	2.64	2.01	7.42	5.43	12.69	25.54
1986	3.10	2.88	2.15	8.14	5.70	13.24	27.08
1987	3.39	3.09	2.28	8.76	5.88	13.53	28.18
1988	3.86	3.46	2.49	9.82	6.24	14.47	30.53
1989	4.28	3.77	2.68	10.73	6.49	15.04	32.26
1990	4.72	4.09	2.86	11.66	6.71	15.58	33.95
1991	4.89	4.17	2.92	11.98	6.69	13.60	32.27
1992	5.11	4.29	3.01	12.41	6.75	13.81	32.97
1993	5.65	4.67	3.22	13.55	7.14	14.76	35.45
1994	6.26	5.09	3.46	14.82	7.55	15.72	38.08
1995	6.90	5.53	3.70	16.13	7.95	16.09	40.17
1996	7.41	5.93	3.90	17.25	8.18	15.99	41.42
1997	7.96	6.36	4.11	18.43	8.41	15.88	42.71
1998	8.64	6.90	4.37	19.91	8.71	15.99	44.61
1999	10.23	8.17	4.95	23.35	9.04	15.08	47.47
2000	10.96	8.75	5.20	24.92	9.28	15.48	49.68
2001	11.00	8.79	5.21	25.00	9.49	15.71	50.20
2002	11.77	9.42	5.48	26.67	9.70	16.33	52.70
2003	12.49	9.99	5.72	28.20	9.98	15.97	54.14
2004	13.42	10.74	6.04	30.20	10.21	16.35	56.76
2005	14.25	11.39	6.32	31.96	10.43	16.48	58.86
2006	15.04	12.57	6.58	34.18	10.69	15.46	60.34
2007	14.53	12.15	6.40	33.08	10.88	15.83	59.79
2008	15.66	13.07	6.78	35.51	11.15	16.53	63.19
2009	16.30	13.71	6.96	36.97	10.84	14.34	62.16
2010	16.82	13.54	7.11	37.47	11.02	15.06	63.56
2011	14.40	12.29	6.82	33.51	11.31	17.02	61.83
2012	13.29	11.70	6.86	31.84	11.66	18.22	61.72
2013	13.17	12.09	6.55	31.81	12.02	18.84	62.67
2014	13.05	12.46	6.23	31.75	12.39	19.41	63.54
2015	13.62	12.96	6.43	33.01	12.67	19.96	65.65

Source: BITRE estimates.

Table 2.3: Estimates of Australian national road freight: Victoria (billion tkm)

Financial Year	Interstate			Total	Melbourne	Rest of State	Total VIC
	From	To	Through				
1970	0.80	0.62	0.07	1.50	1.75	2.28	5.52
1971	0.88	0.69	0.08	1.65	1.93	2.64	6.22
1972	0.94	0.76	0.09	1.78	2.08	2.88	6.74
1973	1.00	0.80	0.10	1.89	2.23	3.13	7.25
1974	1.08	0.85	0.10	2.04	2.41	3.54	7.98
1975	1.12	0.88	0.11	2.10	2.49	3.56	8.16
1976	1.18	0.92	0.11	2.22	2.66	3.83	8.71
1977	1.26	0.97	0.12	2.35	2.91	4.41	9.67
1978	1.30	0.99	0.13	2.41	3.09	4.68	10.18
1979	1.39	1.04	0.14	2.57	3.36	5.34	11.27
1980	1.46	1.09	0.14	2.69	3.52	5.66	11.87
1981	1.55	1.14	0.15	2.84	3.70	6.05	12.59
1982	1.65	1.22	0.16	3.03	3.87	7.19	14.09
1983	1.66	1.22	0.16	3.04	3.85	7.58	14.47
1984	1.79	1.32	0.17	3.28	4.09	7.99	15.36
1985	1.96	1.45	0.19	3.59	4.39	8.57	16.55
1986	2.12	1.61	0.20	3.93	4.69	8.84	17.46
1987	2.25	1.76	0.21	4.23	4.93	8.92	18.08
1988	2.48	2.00	0.24	4.72	5.31	9.43	19.47
1989	2.68	2.22	0.25	5.15	5.61	9.70	20.46
1990	2.87	2.44	0.27	5.59	5.89	9.93	21.41
1991	2.95	2.55	0.28	5.78	5.97	8.42	20.16
1992	3.05	2.69	0.29	6.02	6.09	8.47	20.58
1993	3.29	2.97	0.31	6.57	6.51	8.98	22.06
1994	3.56	3.29	0.33	7.18	6.96	9.48	23.61
1995	3.83	3.62	0.35	7.81	7.41	9.55	24.77
1996	4.04	3.98	0.37	8.39	7.67	9.36	25.42
1997	4.26	4.37	0.39	9.03	7.92	9.16	26.11
1998	4.53	4.88	0.42	9.82	8.25	9.10	27.17
1999	5.13	5.62	0.47	11.22	8.70	8.72	28.64
2000	5.40	5.95	0.49	11.84	9.13	9.28	30.25
2001	5.41	5.97	0.49	11.87	9.32	9.80	30.99
2002	5.69	6.33	0.51	12.53	9.73	10.10	32.36
2003	5.94	6.65	0.53	13.12	9.95	10.02	33.08
2004	6.26	6.72	0.56	13.54	10.18	9.90	33.62
2005	6.55	6.77	0.59	13.90	10.34	10.70	34.93
2006	7.36	7.08	0.61	15.05	10.69	11.15	36.90
2007	7.17	6.88	0.59	14.65	11.07	12.59	38.30
2008	7.61	7.32	0.63	15.56	11.39	12.51	39.47
2009	7.95	7.57	0.65	16.17	11.14	10.07	37.37
2010	7.63	7.93	0.66	16.22	11.37	10.01	37.61
2011	7.46	7.12	0.59	15.17	11.60	11.12	37.89
2012	7.26	6.65	0.55	14.46	11.89	11.54	37.88
2013	7.48	6.90	0.51	14.89	12.17	11.25	38.30
2014	7.69	7.14	0.48	15.31	12.43	10.85	38.60
2015	7.95	7.19	0.51	15.65	12.72	11.18	39.55

Source: BITRE estimates.

Table 2.4: Estimates of Australian national road freight: Queensland (billion tkm)

Financial Year	Interstate			Total	Brisbane	Rest of State	Total QLD
	From	To	Through				
1970	0.19	0.28	0.00	0.47	0.55	2.13	3.15
1971	0.22	0.31	0.00	0.53	0.61	2.44	3.58
1972	0.26	0.33	0.00	0.59	0.68	2.65	3.92
1973	0.26	0.35	0.00	0.61	0.75	2.87	4.23
1974	0.28	0.37	0.00	0.65	0.84	3.20	4.69
1975	0.28	0.37	0.00	0.65	0.89	3.25	4.79
1976	0.29	0.39	0.00	0.67	0.98	3.49	5.14
1977	0.30	0.40	0.00	0.70	1.15	3.94	5.79
1978	0.30	0.40	0.00	0.70	1.31	4.15	6.16
1979	0.31	0.42	0.00	0.73	1.53	4.66	6.92
1980	0.32	0.43	0.00	0.76	1.69	4.90	7.34
1981	0.33	0.45	0.00	0.78	1.86	5.21	7.85
1982	0.36	0.48	0.00	0.84	2.04	6.06	8.94
1983	0.36	0.48	0.00	0.84	2.03	6.43	9.31
1984	0.40	0.52	0.00	0.92	2.16	6.87	9.96
1985	0.45	0.57	0.00	1.02	2.32	7.47	10.82
1986	0.51	0.63	0.00	1.13	2.46	7.87	11.46
1987	0.56	0.67	0.00	1.23	2.56	8.13	11.91
1988	0.64	0.76	0.00	1.40	2.73	8.76	12.89
1989	0.71	0.83	0.00	1.54	2.85	9.20	13.59
1990	0.79	0.90	0.00	1.69	2.97	9.62	14.28
1991	0.81	0.93	0.00	1.74	2.97	8.59	13.30
1992	0.85	0.96	0.00	1.81	3.03	8.76	13.60
1993	0.94	1.05	0.00	2.00	3.24	9.41	14.64
1994	1.05	1.16	0.00	2.20	3.45	10.06	15.72
1995	1.16	1.26	0.00	2.42	3.67	10.38	16.47
1996	1.25	1.35	0.00	2.60	3.86	10.40	16.85
1997	1.35	1.44	0.00	2.79	4.04	10.41	17.24
1998	1.47	1.56	0.00	3.04	4.27	10.55	17.85
1999	1.76	1.85	0.00	3.61	4.69	11.74	20.04
2000	1.89	1.98	0.00	3.87	5.01	12.65	21.52
2001	1.90	1.98	0.00	3.88	5.27	13.37	22.53
2002	2.04	2.12	0.00	4.17	5.69	14.28	24.14
2003	2.17	2.25	0.00	4.43	6.08	14.68	25.19
2004	2.35	2.42	0.00	4.77	6.46	15.89	27.12
2005	2.50	2.57	0.00	5.07	6.83	16.98	28.88
2006	2.65	2.71	0.00	5.36	7.13	18.01	30.49
2007	2.55	2.62	0.00	5.17	7.69	20.29	33.15
2008	2.76	2.82	0.00	5.58	8.04	20.89	34.51
2009	2.88	2.92	0.00	5.80	7.97	18.29	32.06
2010	2.98	3.00	0.00	5.98	8.27	18.87	33.12
2011	2.65	2.70	0.00	5.35	8.62	20.84	34.81
2012	2.57	2.63	0.00	5.20	9.03	22.04	36.27
2013	2.51	2.53	0.00	5.05	9.14	23.54	37.72
2014	2.46	2.43	0.00	4.89	9.23	25.05	39.17
2015	2.57	2.51	0.00	5.08	9.45	25.74	40.27

Source: BITRE estimates.

Table 2.5: Estimates of Australian national road freight: South Australia (billion tkm)

Financial Year	Interstate			Total	Adelaide	Rest of State	Total SA
	From	To	Through				
1970	0.22	0.22	0.08	0.53	0.60	0.07	1.20
1971	0.25	0.25	0.09	0.58	0.66	0.10	1.34
1972	0.27	0.26	0.11	0.64	0.71	0.12	1.47
1973	0.28	0.28	0.13	0.69	0.75	0.15	1.59
1974	0.31	0.30	0.16	0.76	0.81	0.19	1.77
1975	0.32	0.32	0.18	0.81	0.83	0.19	1.84
1976	0.33	0.34	0.21	0.88	0.89	0.22	1.98
1977	0.36	0.36	0.24	0.96	0.96	0.29	2.21
1978	0.37	0.37	0.27	1.01	1.01	0.32	2.34
1979	0.39	0.40	0.30	1.09	1.09	0.41	2.60
1980	0.41	0.43	0.33	1.17	1.06	0.54	2.77
1981	0.43	0.45	0.36	1.25	1.03	0.68	2.96
1982	0.46	0.49	0.39	1.34	0.99	0.96	3.29
1983	0.46	0.49	0.41	1.37	0.98	1.05	3.40
1984	0.50	0.54	0.44	1.47	1.04	1.12	3.63
1985	0.54	0.60	0.46	1.60	1.12	1.22	3.93
1986	0.60	0.67	0.49	1.75	1.18	1.27	4.20
1987	0.65	0.73	0.51	1.90	1.23	1.29	4.42
1988	0.73	0.83	0.55	2.11	1.31	1.39	4.82
1989	0.81	0.93	0.58	2.31	1.37	1.46	5.14
1990	0.88	1.03	0.61	2.52	1.42	1.52	5.46
1991	0.92	1.09	0.63	2.64	1.42	1.27	5.33
1992	0.97	1.15	0.65	2.78	1.44	1.30	5.51
1993	1.06	1.28	0.69	3.04	1.52	1.41	5.96
1994	1.17	1.43	0.72	3.32	1.61	1.51	6.45
1995	1.29	1.59	0.75	3.62	1.70	1.54	6.86
1996	1.45	1.68	0.79	3.91	1.76	1.51	7.19
1997	1.63	1.77	0.83	4.23	1.82	1.49	7.54
1998	1.87	1.89	0.86	4.62	1.89	1.49	8.00
1999	2.15	2.15	0.90	5.20	1.95	1.86	9.00
2000	2.27	2.27	0.91	5.44	1.99	2.45	9.88
2001	2.28	2.28	0.85	5.41	2.01	3.03	10.45
2002	2.41	2.40	0.83	5.64	2.08	3.29	11.01
2003	2.53	2.52	0.81	5.85	2.18	3.61	11.64
2004	2.45	2.54	0.82	5.81	2.25	4.15	12.21
2005	2.38	2.66	0.82	5.86	2.37	4.27	12.50
2006	2.49	2.77	0.85	6.10	2.45	4.28	12.82
2007	2.42	2.70	0.83	5.94	2.57	4.60	13.12
2008	2.57	2.78	0.89	6.24	2.67	4.66	13.57
2009	2.65	2.82	0.91	6.38	2.63	3.94	12.95
2010	2.84	2.88	0.92	6.65	2.70	4.00	13.35
2011	2.79	2.63	1.07	6.49	2.79	4.33	13.60
2012	2.80	2.55	1.17	6.52	2.89	4.44	13.86
2013	2.71	2.38	0.91	6.00	2.95	4.58	13.53
2014	2.62	2.22	0.64	5.49	3.00	4.72	13.20
2015	2.59	2.29	0.87	5.74	3.06	4.85	13.66

Source: BITRE estimates.

Table 2.6: Estimates of Australian national road freight: Western Australia (billion tkm)

Financial Year	Interstate			Total	Perth	Rest of State	Total WA
	From	To	Through				
1970	0.13	0.08	0.00	0.22	0.70	2.32	3.23
1971	0.15	0.09	0.00	0.24	0.77	2.65	3.67
1972	0.16	0.11	0.00	0.28	0.84	2.91	4.02
1973	0.17	0.15	0.00	0.32	0.90	3.17	4.39
1974	0.19	0.18	0.00	0.37	0.97	3.56	4.90
1975	0.19	0.21	0.00	0.40	1.01	3.64	5.05
1976	0.20	0.25	0.00	0.45	1.07	3.93	5.46
1977	0.22	0.29	0.00	0.50	1.18	4.52	6.21
1978	0.22	0.32	0.00	0.54	1.25	4.85	6.65
1979	0.24	0.36	0.00	0.60	1.37	5.54	7.51
1980	0.25	0.40	0.00	0.65	1.43	5.92	8.01
1981	0.27	0.44	0.00	0.71	1.50	6.38	8.59
1982	0.28	0.48	0.00	0.77	1.57	7.45	9.79
1983	0.28	0.51	0.00	0.79	1.54	7.88	10.21
1984	0.31	0.54	0.00	0.85	1.61	8.43	10.90
1985	0.34	0.57	0.00	0.91	1.71	9.17	11.79
1986	0.37	0.61	0.00	0.98	1.81	9.65	12.44
1987	0.40	0.64	0.00	1.04	1.89	9.95	12.88
1988	0.45	0.68	0.00	1.13	2.02	10.71	13.86
1989	0.49	0.72	0.00	1.21	2.13	11.20	14.55
1990	0.54	0.76	0.00	1.30	2.24	11.67	15.21
1991	0.55	0.79	0.00	1.34	2.27	10.50	14.11
1992	0.57	0.82	0.00	1.39	2.30	10.71	14.40
1993	0.63	0.86	0.00	1.49	2.45	11.49	15.43
1994	0.69	0.91	0.00	1.59	2.61	12.29	16.49
1995	0.75	0.95	0.00	1.70	2.76	12.72	17.18
1996	0.80	1.00	0.00	1.80	2.86	12.83	17.48
1997	0.85	1.05	0.00	1.91	2.95	12.93	17.79
1998	0.92	1.10	0.00	2.02	3.07	13.21	18.30
1999	1.08	1.16	0.00	2.24	3.20	12.80	18.25
2000	1.16	1.17	0.00	2.33	3.38	12.42	18.12
2001	1.16	1.10	0.00	2.26	3.47	12.85	18.57
2002	1.24	1.08	0.00	2.32	3.63	13.59	19.54
2003	1.31	1.05	0.00	2.36	3.75	15.59	21.71
2004	1.28	1.08	0.00	2.36	4.03	16.94	23.33
2005	1.36	1.09	0.00	2.44	4.14	17.77	24.36
2006	1.43	1.12	0.00	2.55	4.51	18.20	25.26
2007	1.38	1.10	0.00	2.48	5.11	21.52	29.11
2008	1.41	1.19	0.00	2.59	5.35	23.02	30.96
2009	1.37	1.27	0.00	2.64	5.31	21.22	29.16
2010	1.33	1.42	0.00	2.75	5.50	22.70	30.95
2011	1.30	1.50	0.00	2.80	5.75	26.07	34.63
2012	1.24	1.65	0.00	2.89	6.04	28.80	37.73
2013	1.11	1.30	0.00	2.41	6.38	32.61	41.40
2014	1.00	0.96	0.00	1.95	6.73	36.68	45.36
2015	1.02	1.28	0.00	2.30	6.89	37.67	46.86

Source: BITRE estimates.

Table 2.7: Estimates of Australian national road freight: Tasmania (billion tkm)

Financial Year	Interstate			Total	Hobart	Rest of State	Total TAS
	From	To	Through				
1970	0.00	0.00	0.00	0.00	0.10	0.40	0.50
1971	0.00	0.00	0.00	0.00	0.11	0.46	0.57
1972	0.00	0.00	0.00	0.00	0.12	0.49	0.62
1973	0.00	0.00	0.00	0.00	0.14	0.53	0.67
1974	0.00	0.00	0.00	0.00	0.15	0.59	0.74
1975	0.00	0.00	0.00	0.00	0.16	0.59	0.75
1976	0.00	0.00	0.00	0.00	0.18	0.63	0.81
1977	0.00	0.00	0.00	0.00	0.20	0.71	0.91
1978	0.00	0.00	0.00	0.00	0.21	0.75	0.96
1979	0.00	0.00	0.00	0.00	0.23	0.84	1.08
1980	0.00	0.00	0.00	0.00	0.24	0.90	1.14
1981	0.00	0.00	0.00	0.00	0.25	0.96	1.20
1982	0.00	0.00	0.00	0.00	0.25	1.11	1.36
1983	0.00	0.00	0.00	0.00	0.26	1.15	1.41
1984	0.00	0.00	0.00	0.00	0.29	1.20	1.48
1985	0.00	0.00	0.00	0.00	0.32	1.27	1.59
1986	0.00	0.00	0.00	0.00	0.33	1.33	1.66
1987	0.00	0.00	0.00	0.00	0.33	1.36	1.69
1988	0.00	0.00	0.00	0.00	0.34	1.46	1.80
1989	0.00	0.00	0.00	0.00	0.35	1.51	1.86
1990	0.00	0.00	0.00	0.00	0.36	1.57	1.92
1991	0.00	0.00	0.00	0.00	0.35	1.40	1.75
1992	0.00	0.00	0.00	0.00	0.33	1.43	1.76
1993	0.00	0.00	0.00	0.00	0.33	1.54	1.87
1994	0.00	0.00	0.00	0.00	0.33	1.65	1.99
1995	0.00	0.00	0.00	0.00	0.33	1.72	2.05
1996	0.00	0.00	0.00	0.00	0.31	1.74	2.05
1997	0.00	0.00	0.00	0.00	0.29	1.77	2.05
1998	0.00	0.00	0.00	0.00	0.27	1.82	2.08
1999	0.00	0.00	0.00	0.00	0.27	1.85	2.13
2000	0.00	0.00	0.00	0.00	0.28	2.19	2.47
2001	0.00	0.00	0.00	0.00	0.29	2.43	2.71
2002	0.00	0.00	0.00	0.00	0.30	2.43	2.72
2003	0.00	0.00	0.00	0.00	0.31	2.34	2.65
2004	0.00	0.00	0.00	0.00	0.33	2.76	3.10
2005	0.00	0.00	0.00	0.00	0.34	2.79	3.13
2006	0.00	0.00	0.00	0.00	0.35	2.44	2.79
2007	0.00	0.00	0.00	0.00	0.37	2.90	3.26
2008	0.00	0.00	0.00	0.00	0.38	3.02	3.40
2009	0.00	0.00	0.00	0.00	0.38	2.73	3.11
2010	0.00	0.00	0.00	0.00	0.39	2.85	3.24
2011	0.00	0.00	0.00	0.00	0.40	2.78	3.18
2012	0.00	0.00	0.00	0.00	0.42	2.59	3.01
2013	0.00	0.00	0.00	0.00	0.43	2.66	3.08
2014	0.00	0.00	0.00	0.00	0.43	2.72	3.15
2015	0.00	0.00	0.00	0.00	0.44	2.79	3.24

Source: BITRE estimates.

Table 2.8: Estimates of Australian national road freight: Northern Territory(billion tkm)

Financial Year	Interstate			Total	Darwin	Rest of State	Total NT
	From	To	Through				
1970	0.04	0.08	0.00	0.11	0.04	0.24	0.39
1971	0.05	0.09	0.00	0.13	0.04	0.27	0.45
1972	0.05	0.09	0.00	0.15	0.05	0.30	0.49
1973	0.05	0.10	0.00	0.15	0.05	0.32	0.53
1974	0.06	0.11	0.00	0.17	0.06	0.36	0.58
1975	0.06	0.11	0.00	0.18	0.06	0.36	0.60
1976	0.07	0.12	0.00	0.19	0.06	0.39	0.64
1977	0.07	0.13	0.00	0.20	0.06	0.45	0.72
1978	0.08	0.13	0.00	0.21	0.06	0.49	0.76
1979	0.08	0.14	0.00	0.22	0.06	0.56	0.84
1980	0.09	0.15	0.00	0.24	0.09	0.56	0.89
1981	0.09	0.16	0.00	0.25	0.13	0.56	0.95
1982	0.10	0.17	0.00	0.27	0.17	0.62	1.07
1983	0.10	0.17	0.00	0.27	0.17	0.65	1.10
1984	0.11	0.19	0.00	0.30	0.19	0.69	1.17
1985	0.12	0.21	0.00	0.34	0.20	0.74	1.28
1986	0.14	0.24	0.00	0.37	0.21	0.78	1.36
1987	0.15	0.26	0.00	0.41	0.21	0.81	1.42
1988	0.17	0.29	0.00	0.46	0.21	0.87	1.55
1989	0.18	0.33	0.00	0.51	0.22	0.91	1.64
1990	0.20	0.36	0.00	0.56	0.24	0.94	1.73
1991	0.21	0.37	0.00	0.57	0.24	0.83	1.65
1992	0.21	0.38	0.00	0.60	0.23	0.86	1.68
1993	0.24	0.42	0.00	0.65	0.23	0.93	1.82
1994	0.26	0.46	0.00	0.72	0.23	1.01	1.96
1995	0.28	0.50	0.00	0.79	0.23	1.05	2.07
1996	0.30	0.54	0.00	0.84	0.23	1.06	2.13
1997	0.32	0.58	0.00	0.90	0.24	1.07	2.20
1998	0.35	0.62	0.00	0.97	0.24	1.09	2.30
1999	0.41	0.73	0.00	1.14	0.23	1.12	2.49
2000	0.44	0.78	0.00	1.21	0.23	1.12	2.56
2001	0.44	0.78	0.00	1.22	0.21	1.07	2.50
2002	0.47	0.83	0.00	1.30	0.19	0.81	2.30
2003	0.49	0.88	0.00	1.37	0.18	0.63	2.18
2004	0.53	0.94	0.00	1.46	0.19	0.55	2.21
2005	0.56	0.99	0.00	1.55	0.21	0.45	2.21
2006	0.59	1.04	0.00	1.62	0.27	0.31	2.20
2007	0.57	1.01	0.00	1.57	0.26	0.25	2.08
2008	0.61	1.08	0.00	1.68	0.29	0.20	2.17
2009	0.63	1.12	0.00	1.74	0.29	0.11	2.15
2010	0.65	1.15	0.00	1.80	0.32	0.07	2.19
2011	0.61	1.08	0.00	1.69	0.31	0.14	2.14
2012	0.61	1.07	0.00	1.68	0.30	0.21	2.20
2013	0.59	1.04	0.00	1.63	0.30	0.33	2.26
2014	0.57	1.00	0.00	1.57	0.30	0.46	2.32
2015	0.58	1.03	0.00	1.61	0.31	0.47	2.39

Source: BITRE estimates.

Table 2.9: Estimates of Australian national road freight: ACT (billion tkm)

Financial Year	Interstate			Total	Canberra	Rest of State	Total ACT
	From	To	Through				
1970	0.00	0.00	0.00	0.00	0.09	0.00	0.09
1971	0.00	0.00	0.00	0.00	0.10	0.00	0.10
1972	0.00	0.00	0.00	0.01	0.11	0.00	0.11
1973	0.00	0.00	0.00	0.01	0.11	0.00	0.12
1974	0.00	0.00	0.00	0.01	0.12	0.00	0.13
1975	0.00	0.00	0.00	0.01	0.13	0.00	0.13
1976	0.00	0.00	0.00	0.01	0.14	0.00	0.14
1977	0.00	0.00	0.00	0.01	0.15	0.00	0.16
1978	0.00	0.01	0.00	0.01	0.16	0.00	0.16
1979	0.00	0.01	0.00	0.01	0.17	0.00	0.18
1980	0.00	0.01	0.00	0.01	0.18	0.00	0.19
1981	0.00	0.01	0.00	0.01	0.19	0.00	0.19
1982	0.00	0.01	0.00	0.01	0.19	0.00	0.20
1983	0.00	0.01	0.00	0.01	0.19	0.00	0.20
1984	0.00	0.01	0.00	0.01	0.20	0.00	0.21
1985	0.00	0.01	0.00	0.01	0.22	0.00	0.23
1986	0.00	0.01	0.00	0.01	0.23	0.00	0.24
1987	0.00	0.01	0.00	0.01	0.24	0.00	0.25
1988	0.00	0.01	0.00	0.01	0.25	0.00	0.27
1989	0.00	0.01	0.00	0.02	0.27	0.00	0.28
1990	0.00	0.01	0.00	0.02	0.28	0.00	0.29
1991	0.00	0.01	0.00	0.02	0.28	0.00	0.30
1992	0.00	0.01	0.00	0.02	0.26	0.00	0.28
1993	0.01	0.02	0.00	0.02	0.26	0.00	0.28
1994	0.01	0.02	0.00	0.02	0.25	0.00	0.28
1995	0.01	0.02	0.00	0.02	0.25	0.00	0.27
1996	0.01	0.02	0.00	0.03	0.25	0.00	0.27
1997	0.01	0.02	0.00	0.03	0.24	0.00	0.27
1998	0.01	0.02	0.00	0.03	0.24	0.00	0.27
1999	0.01	0.03	0.00	0.03	0.24	0.00	0.27
2000	0.01	0.03	0.00	0.04	0.25	0.00	0.29
2001	0.01	0.03	0.00	0.04	0.23	0.00	0.27
2002	0.01	0.03	0.00	0.04	0.24	0.00	0.28
2003	0.01	0.03	0.00	0.04	0.25	0.00	0.29
2004	0.01	0.03	0.00	0.05	0.26	0.00	0.31
2005	0.01	0.04	0.00	0.05	0.28	0.00	0.32
2006	0.01	0.04	0.00	0.05	0.30	0.00	0.35
2007	0.01	0.04	0.00	0.05	0.26	0.00	0.31
2008	0.01	0.04	0.00	0.05	0.26	0.00	0.32
2009	0.01	0.04	0.00	0.05	0.25	0.00	0.31
2010	0.01	0.04	0.00	0.05	0.26	0.00	0.31
2011	0.01	0.04	0.00	0.05	0.28	0.00	0.33
2012	0.01	0.04	0.00	0.05	0.31	0.00	0.36
2013	0.01	0.04	0.00	0.05	0.32	0.00	0.37
2014	0.01	0.04	0.00	0.04	0.33	0.00	0.38
2015	0.01	0.04	0.00	0.05	0.34	0.00	0.39

Source: BITRE estimates.

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