



Australian Government

Department of Infrastructure and Regional Development

Bureau of Infrastructure, Transport and Regional Economics



Urban Passenger fares

At a Glance

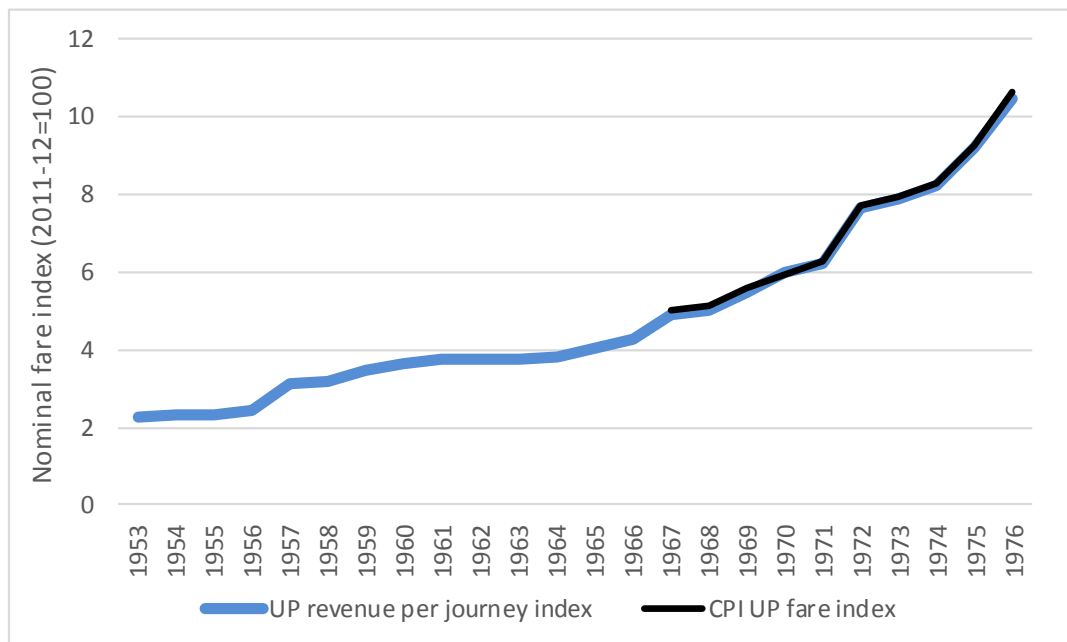
This Information Sheet presents estimates of urban passenger fares in major Australian cities from 1952-53 to 2015-16. A taxi fare index is available separately from 1996-97 to 2015-16, and compares well with data from the Australian Taxi Industry Association.

Urban Passenger Fares

The Australian Bureau of Statistics makes available on-line a quarterly sub-component of the Consumer Price Index measuring *urban passenger fares* by capital city from 1972-73, encompassing urban public transport fares (bus, tram, train and ferry), as well as taxi fares (ABS 2016a). Also available from old ABS publications are: 1) the national average of that subcomponent back to 1966-67 (ABS 1960), and 2) data from 1952-53 to 1971-72 on capital city bus, tram and trolley revenues, passenger journeys and thus average fare per journey (Commonwealth Bureau of Census and Statistics, 1907 to 1974).

As shown in Figure 1, the movement in the national-level CPI subcomponent index for the urban transport fare matches very closely the population-weighted national average of the average fare per journey data from 1966-67 to 1975-76.

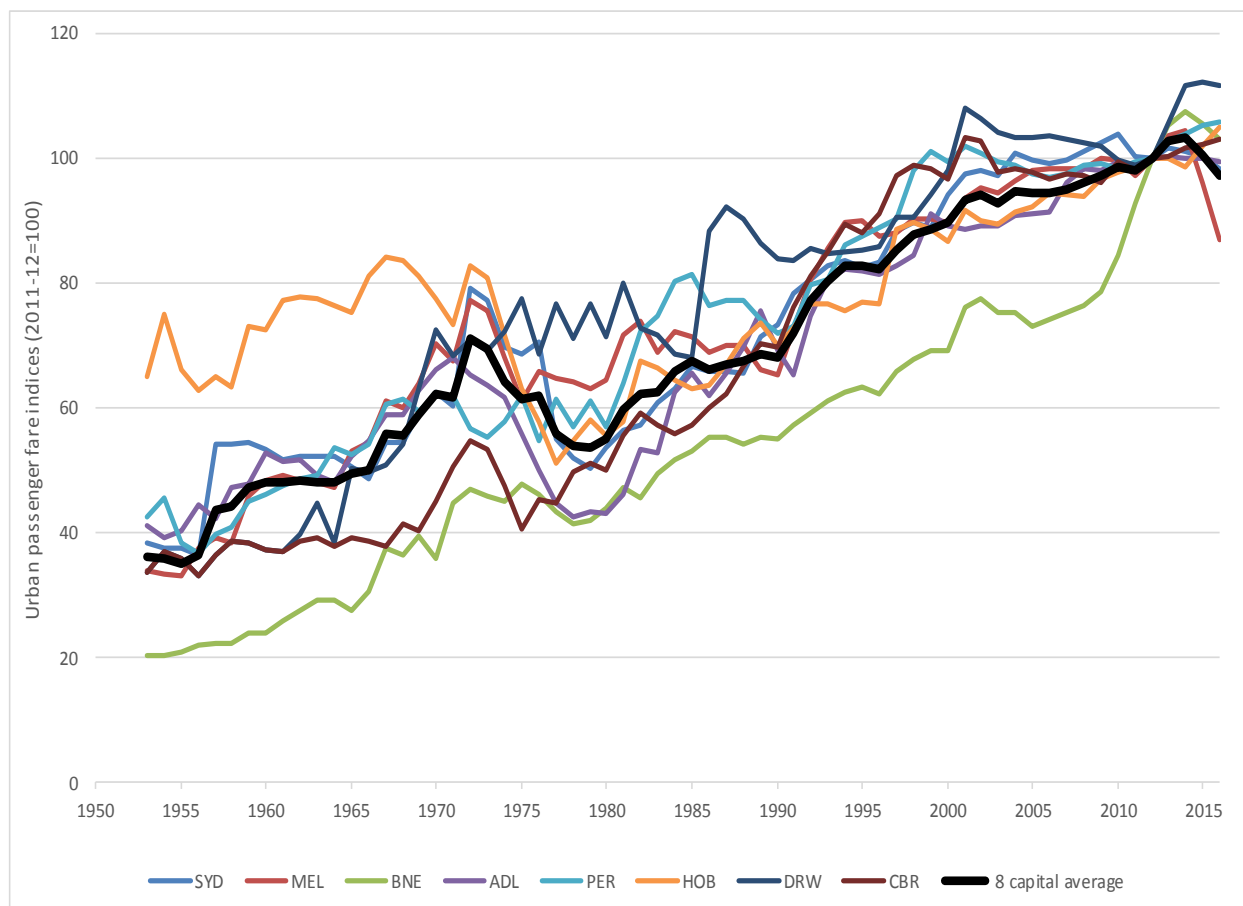
Figure 1 Urban passenger fare indices from the CPI and from average revenue per journey data



Thus, assuming the movement between 1971-72 and 1972-73 of each State/Territory is the same as the national subcomponent (which increased in nominal terms only marginally between the two years), an extension of the urban transport fare index for each State-Territory back to 1952-53 is possible. The composite dataset is presented in Table I of the Data Appendix.

When deflated by the national-level CPI index, indices of real urban passenger fares for each capital from 1952-53 to 2015-16 are derived.

Figure 2 Capital city real urban passenger fare indices



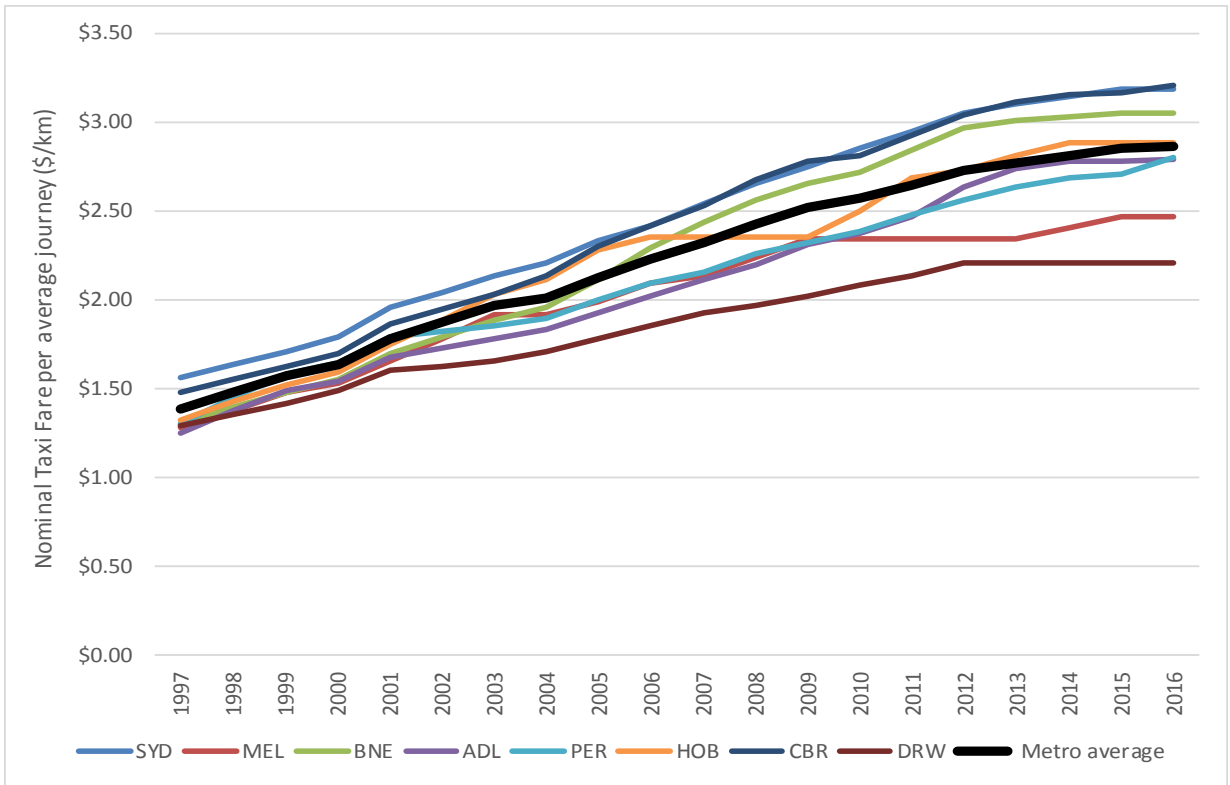
The general trend has been for *rising real urban passenger fares*, except during the period 1973-74 to 1979-80, when real fares fell as nominal fare levels failed to keep up with higher inflation rates. The long-term trend toward rising real fare levels may perhaps be a function of several factors – e.g. rising real wage rates, minimal technology gains, increasing cost of infrastructure investment as city boundaries expand and property values rise, increasing congestion, attempts at greater cost recovery, etc. The rising trend has slowed somewhat since 2000-01.

Taxi Fares

Capital city data on average dollar fares per kilometre from 1997 are available from the Australian Taxi Industry Association (ATIA) and assorted other data sources. These are calculated by working backwards from average dollar fares per journey and dividing by an average journey length (assumed constant over the period, at 7.8 kilometres for Sydney, Brisbane, Adelaide, Perth Hobart and Canberra, 9.7 for Melbourne and 12 for Darwin).

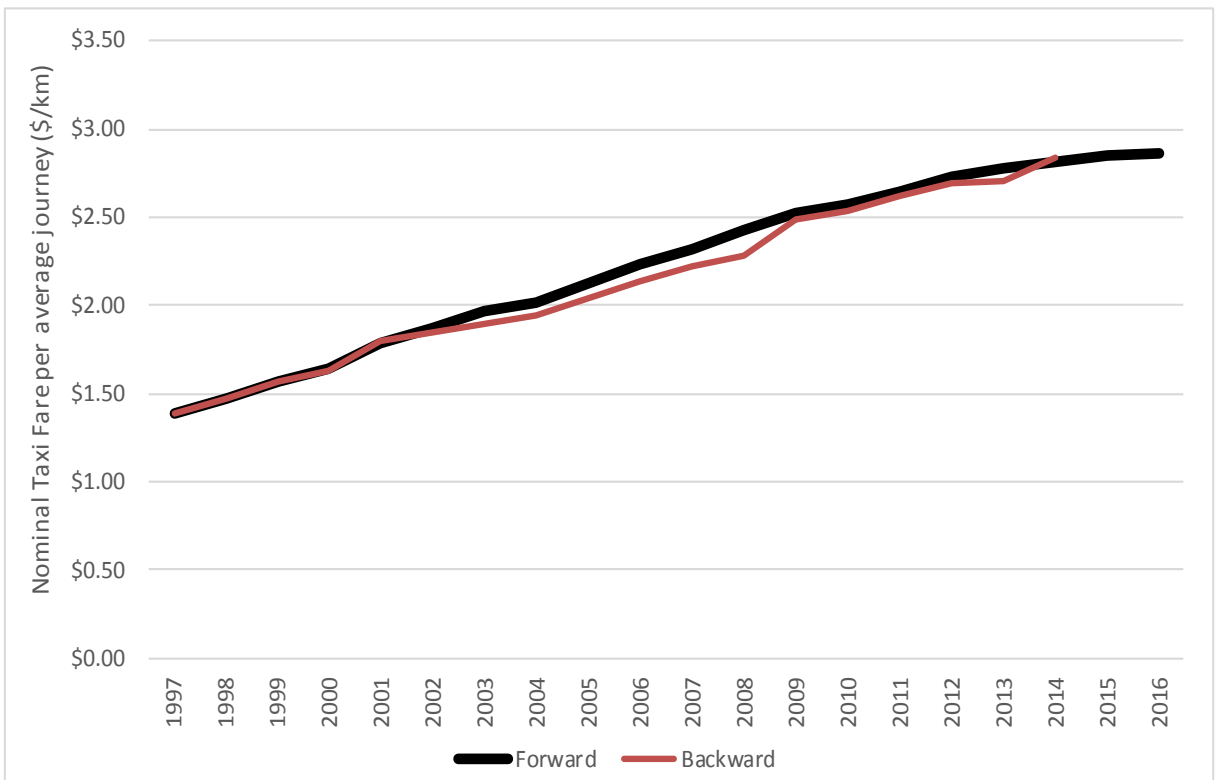
Another set of per kilometre capital city taxi fares is derived by working forward from daytime flag fall charge, plus distance charge times the assumed constant average journey lengths, multiplying by 1.2 to allow for higher night-time fees and then dividing by the distance. The results from this methodology at the capital city level are shown in Figure 3 and Table 2.

Figure 3 Capital city taxi fares calculated forward from flag fall and distance charges



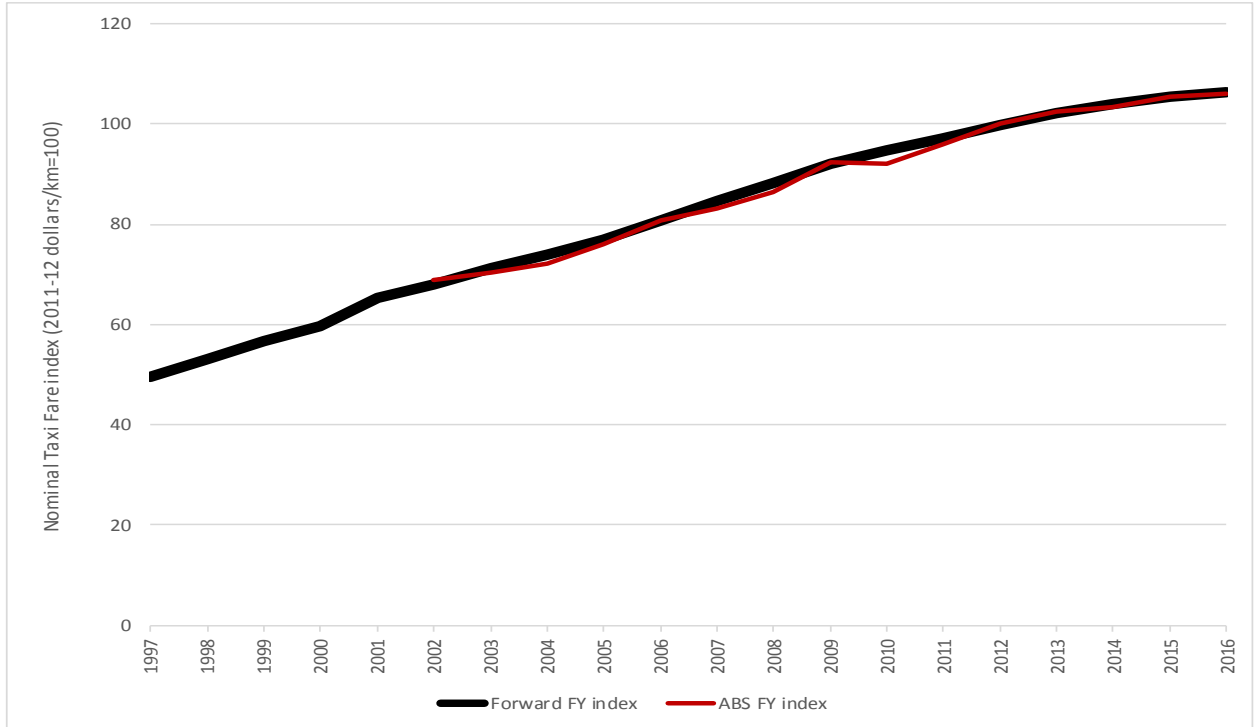
As can be seen from Figure 4, the two methods (forward from flag fall and distance charges and backward from ATIA and other average fare per journey data) result in comparable results at a national level, with the forward-calculated series the smoother series. In addition, data for the forward calculation is readily available for updates, whereas the ATIA data is not available past 2014.

Figure 4 Forward versus backward calculated metro average taxi fare per kilometre



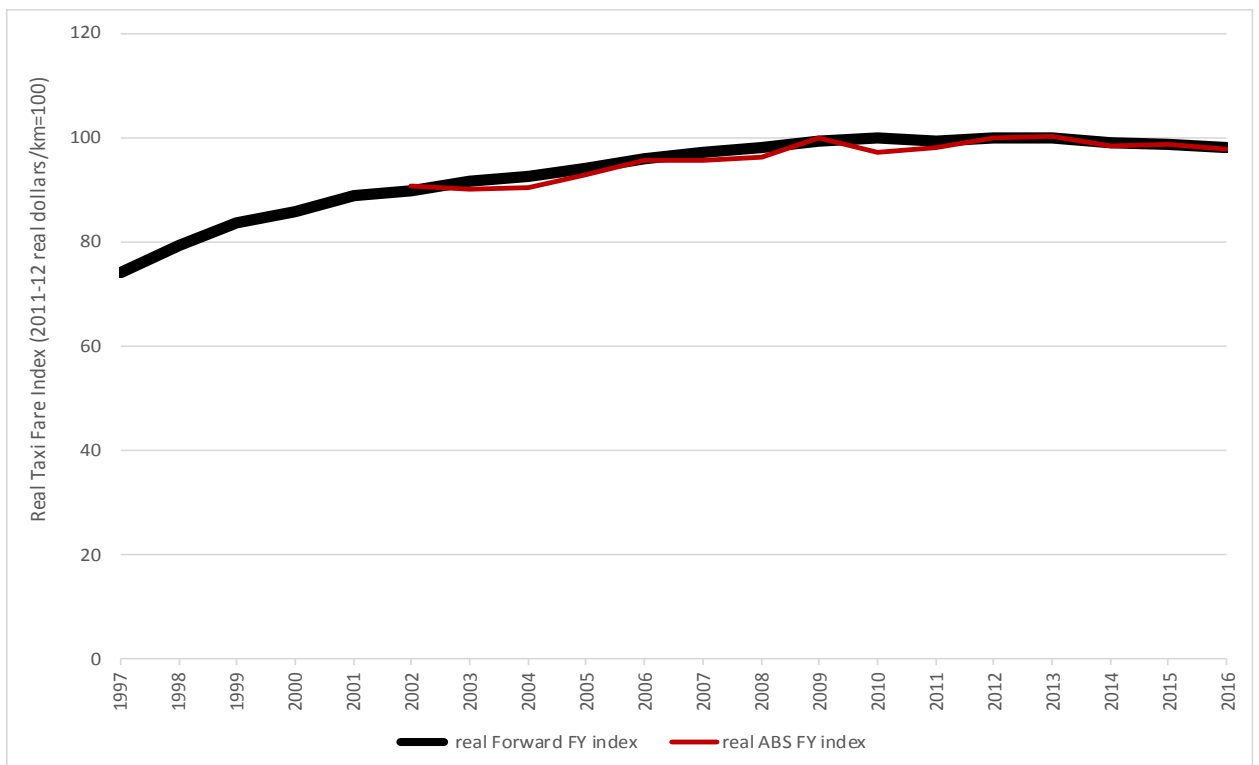
The smoother (forward-calculated) series can be compared to an Australia-level taxi fare series from 2001-02, that is publicly available quarterly from the ABS Producer Price Indices publication (ABS 2016b). As shown in Figure 4, the fit for financial years 2001-02 to 2015-16 is very close.

Figure 4 Nominal forward-calculated taxi fare index versus nominal ABS taxi fare index



Dividing by the Consumer Price Index lets one see that real taxi fares, after rising rapidly in the late 1990s, have slowed their rise from 2000-01, and even declined 2 per cent since 2012-13. Uber is likely having a restraining effect (see Pocketbook 2017).

Figure 4 Forward-calculated and ABS real taxi fare indices



Conclusions

The general trend has been for rising real urban passenger fares, except during the period 1973-74 to 1979-80, when real fares fell as nominal fare levels failed to keep up with higher inflation rates.

Rises in both real urban passenger fares and real taxi fares slowed after 2000-01.

Real taxi fares have declined since 2012-13 with competition from Uber ride services since 2012.

References

ABS (1960) *Interim Retail Price Index*, Cat. No. 6401.0. Canberra ACT.

ABS (2005) *Australian Consumer Price Index: Concepts, Sources and Methods*, Cat. No. 6461.0. Canberra ACT.

ABS (2016a) *Consumer Price Index Australia*, Cat. No. 6401.0. Canberra ACT.

<http://www.abs.gov.au/ausstats/abs@.nsf/0/938DA570A34A8EDACA2568A900139350?Opendocument>
Downloads, Table 9.

ABS (2016b) *Producer Price Indices Australia*, Cat. No. 6427.0. Canberra ACT.

Australian Taxi Industry Association (ATIA) *Taxi Industry Statistics* <https://www.atia.com.au/taxi-statistics/>

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Table I: Urban Passenger Fare Data

NOMINAL URBAN PASSENGER FARES INDEX (2011-12=100)									
FY	SYD	MEL	BNE	ADL	PER	HOB	DRW	CBR	METRO
1953	2.4	2.1	1.3	2.6	2.7	4.1	2.1	2.1	2.3
1954	2.4	2.2	1.3	2.5	3.0	4.9	2.4	2.4	2.3
1955	2.5	2.2	1.4	2.6	2.5	4.3	2.3	2.3	2.3
1956	2.5	2.5	1.5	3.0	2.5	4.2	2.2	2.2	2.5
1957	3.9	2.8	1.6	3.0	2.8	4.6	2.6	2.6	3.1
1958	3.9	2.8	1.6	3.4	3.0	4.6	2.8	2.8	3.2
1959	4.0	3.4	1.7	3.5	3.3	5.3	2.8	2.8	3.4
1960	4.0	3.6	1.8	4.0	3.5	5.5	2.8	2.8	3.6
1961	4.0	3.8	2.0	4.0	3.7	6.0	2.9	2.9	3.7
1962	4.1	3.8	2.2	4.0	3.8	6.1	3.1	3.0	3.8
1963	4.1	3.8	2.3	3.8	3.8	6.0	3.5	3.1	3.8
1964	4.2	3.8	2.3	3.8	4.3	6.1	3.1	3.0	3.8
1965	4.1	4.4	2.3	4.3	4.3	6.2	4.1	3.2	4.1
1966	4.1	4.6	2.6	4.7	4.6	6.9	4.3	3.3	4.3
1967	4.8	5.4	3.3	5.2	5.3	7.4	4.4	3.3	4.9
1968	4.9	5.4	3.3	5.3	5.6	7.6	4.9	3.8	5.0
1969	5.5	5.9	3.7	5.8	5.5	7.6	5.9	3.7	5.5
1970	6.0	6.7	3.4	6.3	5.9	7.4	7.0	4.3	6.0
1971	6.0	6.8	4.5	6.8	6.2	7.4	6.9	5.1	6.2
1972	8.5	8.3	5.0	7.0	6.1	8.9	7.6	5.9	7.6
1973	8.8	8.6	5.2	7.3	6.3	9.2	7.9	6.1	7.9
1974	9.0	8.7	5.8	7.9	7.4	9.2	9.3	6.1	8.2
1975	10.3	9.2	7.2	8.4	9.3	9.5	11.6	6.1	9.2
1976	12.0	11.2	7.8	8.5	9.3	9.8	11.6	7.7	10.5
1977	10.6	12.5	8.4	8.7	11.8	9.9	14.8	8.6	10.8
1978	11.0	13.6	8.8	9.0	12.1	11.6	15.1	10.6	11.4
1979	11.5	14.4	9.6	9.9	14.0	13.3	17.5	11.7	12.3
1980	13.5	16.3	11.1	10.9	14.4	14.0	18.0	12.6	13.9
1981	15.6	19.7	13.1	12.7	17.6	15.9	22.0	15.3	16.4
1982	17.4	22.5	13.9	16.3	22.0	20.5	22.2	18.0	18.9
1983	20.7	23.4	16.8	17.9	25.3	22.5	24.3	19.4	21.2
1984	22.8	26.2	18.8	22.7	29.1	23.3	24.9	20.3	23.9
1985	25.2	27.0	20.1	24.8	30.8	23.8	25.7	21.7	25.5
1986	27.0	28.3	22.6	25.4	31.3	26.0	36.2	24.6	27.1
1987	29.5	31.4	24.7	29.4	34.6	29.9	41.3	27.8	30.0
1988	31.6	33.7	26.1	33.6	37.1	34.1	43.4	32.1	32.4
1989	36.8	34.2	28.5	38.9	38.2	37.9	44.6	36.2	35.5
1990	40.9	36.5	30.7	38.5	40.1	39.0	46.7	38.9	38.0
1991	45.9	42.6	33.6	38.3	42.9	42.7	49.1	44.7	42.3
1992	48.2	48.1	35.5	44.7	47.6	45.9	51.1	48.5	46.1
1993	50.1	51.6	36.9	48.6	48.6	46.3	51.2	51.4	48.5
1994	51.4	55.1	38.4	50.6	52.9	46.5	52.2	54.9	50.8
1995	52.4	57.1	40.3	52.0	55.5	48.8	54.2	55.9	52.5
1996	55.1	57.9	41.2	53.8	58.9	50.7	56.7	60.4	54.4
1997	59.2	59.0	44.1	55.6	60.4	59.4	60.7	65.3	57.1
1998	60.2	60.4	45.5	56.6	65.8	60.1	60.7	66.3	58.8
1999	60.3	61.2	47.0	61.8	68.6	60.2	63.9	66.7	60.0
2000	65.5	62.4	48.1	62.0	69.2	60.3	68.1	67.1	62.4
2001	71.8	69.0	56.1	65.4	75.2	67.6	79.6	76.1	68.8
2002	74.4	72.2	58.6	67.6	76.4	68.3	80.5	77.9	71.3
2003	75.9	73.7	58.8	69.6	77.5	69.9	81.3	76.2	72.5
2004	80.5	77.1	60.2	72.5	79.0	73.0	82.5	78.5	75.6
2005	81.7	80.2	59.8	74.6	79.8	75.5	84.6	79.9	77.2
2006	83.8	83.1	62.7	77.2	81.8	79.8	87.6	81.7	79.7
2007	86.7	85.6	65.6	83.6	84.7	82.0	89.6	84.8	82.7
2008	90.8	88.5	68.6	88.5	88.9	84.4	92.1	87.3	86.3
2009	94.9	92.6	72.9	90.9	92.0	89.6	94.6	89.2	90.1
2010	98.6	94.6	80.1	94.4	93.3	92.7	94.6	94.4	93.5
2011	98.1	95.1	90.7	96.5	97.4	96.6	96.6	95.8	95.9
2012	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2013	104.1	106.0	107.6	102.6	105.3	102.3	108.1	102.6	105.1
2014	106.2	109.8	113.0	105.1	109.1	103.5	117.5	106.7	108.6
2015	107.1	102.6	112.9	106.8	112.5	108.9	119.9	109.4	107.5
2016	106.5	94.3	111.7	107.9	114.7	113.9	121.0	111.7	105.3

Note: Yellow areas interpolated or joined.

Table I (cont'd)

REAL URBAN PASSENGER FARES INDEX (2011-12=100)									
FY	SYD	MEL	BNE	ADL	PER	HOB	DRW	CBR	METRO
1953	38.4	34.1	20.3	41.3	42.6	65.1	33.7	33.7	36.2
1954	37.7	33.5	20.4	39.2	45.7	75.0	37.2	37.2	36.0
1955	37.6	33.1	20.9	40.3	38.4	66.2	35.9	35.9	35.2
1956	36.4	37.6	22.1	44.6	36.8	62.8	33.2	33.2	36.5
1957	54.1	39.2	22.3	42.3	39.9	65.0	36.5	36.5	43.8
1958	54.3	38.5	22.2	47.2	41.0	63.5	38.8	38.8	44.2
1959	54.6	46.1	24.0	47.8	45.0	73.1	38.5	38.5	47.3
1960	53.5	48.4	24.1	53.0	46.2	72.7	37.4	37.4	48.2
1961	51.8	49.2	25.9	51.6	47.5	77.4	37.2	37.2	48.1
1962	52.2	48.5	27.6	51.8	48.7	77.9	39.7	38.7	48.3
1963	52.5	48.3	29.2	49.2	49.3	77.5	44.7	39.2	48.3
1964	52.2	47.4	29.4	48.2	53.8	76.4	38.4	37.8	48.1
1965	50.6	53.1	27.6	52.2	52.7	75.5	50.2	39.2	49.5
1966	48.7	54.4	30.8	54.7	54.4	81.2	50.0	38.7	50.0
1967	54.6	61.3	37.7	59.0	60.5	84.2	50.8	37.8	56.0
1968	54.5	60.2	36.5	58.9	61.5	83.6	54.1	41.5	55.6
1969	59.3	63.9	39.6	62.8	59.5	81.2	63.2	40.3	59.0
1970	62.6	70.4	35.9	66.1	62.0	77.6	72.6	45.2	62.4
1971	60.3	67.5	44.9	68.2	61.9	73.5	68.5	50.7	61.8
1972	79.2	77.4	47.0	65.3	56.7	82.8	70.9	54.7	71.2
1973	77.4	75.6	45.9	63.7	55.4	80.9	69.2	53.4	69.5
1974	69.8	68.0	45.0	61.8	57.9	71.7	72.4	47.6	64.1
1975	68.7	61.3	47.8	55.8	62.0	63.2	77.5	40.7	61.5
1976	70.6	65.9	46.1	50.2	54.9	57.9	68.7	45.3	62.0
1977	55.1	64.9	43.5	44.9	61.4	51.2	76.8	44.8	56.1
1978	52.0	64.1	41.4	42.6	57.0	54.8	71.3	49.9	54.0
1979	50.4	63.1	42.1	43.4	61.3	58.1	76.7	51.2	53.8
1980	53.6	64.6	43.9	43.1	57.1	55.7	71.4	50.0	55.1
1981	56.5	71.6	47.5	46.2	64.0	57.8	80.0	55.6	59.7
1982	57.4	74.0	45.7	53.5	72.4	67.5	72.9	59.2	62.3
1983	61.0	69.0	49.4	52.8	74.7	66.4	71.8	57.2	62.6
1984	63.1	72.3	51.8	62.7	80.4	64.4	68.8	56.0	66.0
1985	66.6	71.5	53.2	65.6	81.5	63.0	68.0	57.4	67.5
1986	66.0	69.1	55.3	62.1	76.5	63.6	88.5	60.0	66.3
1987	65.9	70.2	55.3	65.7	77.4	66.9	92.3	62.2	67.2
1988	65.7	70.1	54.4	69.9	77.3	71.1	90.4	66.7	67.5
1989	71.5	66.3	55.3	75.5	74.2	73.6	86.6	70.3	68.8
1990	73.5	65.5	55.2	69.2	72.1	70.0	83.8	69.8	68.3
1991	78.3	72.7	57.3	65.4	73.2	72.8	83.8	76.2	72.1
1992	80.7	80.5	59.4	74.9	79.7	76.8	85.6	81.2	77.3
1993	83.0	85.5	61.1	80.5	80.6	76.8	84.9	85.2	80.3
1994	83.6	89.7	62.5	82.4	86.1	75.7	85.0	89.4	82.8
1995	82.6	90.1	63.5	82.0	87.5	77.0	85.5	88.2	82.8
1996	83.3	87.6	62.3	81.4	89.1	76.7	85.8	91.3	82.3
1997	88.3	88.0	65.8	83.0	90.2	88.7	90.6	97.4	85.2
1998	89.9	90.2	67.9	84.5	98.2	89.8	90.7	99.0	87.8
1999	88.9	90.3	69.3	91.1	101.1	88.8	94.2	98.4	88.6
2000	94.3	89.9	69.2	89.3	99.6	86.9	98.1	96.7	89.8
2001	97.5	93.7	76.3	88.8	102.1	91.8	108.2	103.4	93.5
2002	98.2	95.3	77.4	89.3	100.9	90.2	106.3	102.9	94.1
2003	97.3	94.5	75.3	89.3	99.4	89.6	104.2	97.7	92.9
2004	100.8	96.6	75.4	90.8	98.9	91.4	103.3	98.3	94.7
2005	99.9	98.1	73.1	91.2	97.5	92.3	103.5	97.7	94.4
2006	99.3	98.4	74.2	91.5	96.9	94.5	103.8	96.8	94.4
2007	99.8	98.4	75.5	96.2	97.4	94.3	103.1	97.6	95.2
2008	101.1	98.5	76.4	98.5	98.9	94.0	102.6	97.2	96.1
2009	102.5	99.9	78.7	98.1	99.4	96.7	102.1	96.3	97.3
2010	104.0	99.8	84.5	99.6	98.4	97.8	99.8	99.6	98.7
2011	100.4	97.3	92.8	98.8	99.6	98.8	98.8	98.0	98.1
2012	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2013	101.8	103.7	105.2	100.4	102.9	100.0	105.7	100.4	102.8
2014	101.1	104.5	107.5	100.1	103.9	98.5	111.8	101.6	103.4
2015	100.2	96.0	105.7	100.0	105.3	101.9	112.2	102.4	100.6
2016	98.4	87.0	103.1	99.6	105.9	105.2	111.7	103.1	97.3

Table I (cont'd)

City populations (000s)										
FY	SYD	MEL	BNE	ADL	PER	HOB	DRW	CBR	METRO	
1950	1922.4	1437.9	537.0	486.3	345.7	95.0	9.2	25.8	4859.2	
1951	1969.3	1490.0	558.4	502.1	360.7	100.3	9.9	27.0	5017.7	
1952	2004.7	1542.7	580.5	516.5	375.4	104.2	10.1	28.6	5162.8	
1953	2031.9	1586.7	601.4	530.5	390.8	107.3	10.5	31.0	5290.1	
1954	2067.6	1638.3	620.5	545.5	407.1	109.5	11.1	32.8	5432.4	
1955	2118.3	1693.7	637.6	565.0	421.8	112.0	11.9	35.5	5595.9	
1956	2169.1	1752.3	654.6	588.1	437.4	114.5	12.6	38.1	5766.7	
1957	2223.9	1804.2	675.4	607.9	450.9	119.5	13.1	41.1	5936.0	
1958	2279.6	1857.5	692.0	625.7	463.3	121.5	13.9	44.6	6098.1	
1959	2330.7	1913.7	708.7	644.9	476.9	126.2	15.0	49.8	6266.1	
1960	2386.7	1973.6	724.3	663.5	488.4	129.5	16.0	56.4	6438.5	
1961	2435.2	2022.9	749.8	684.3	503.2	131.7	16.8	62.9	6606.8	
1962	2491.6	2073.2	766.6	700.3	520.7	134.4	17.7	70.6	6775.0	
1963	2543.2	2127.8	784.9	724.1	540.5	137.1	18.5	77.9	6953.9	
1964	2594.8	2187.8	807.0	751.2	559.1	139.3	19.5	85.2	7143.8	
1965	2652.6	2244.6	828.6	780.8	576.0	141.5	21.8	93.6	7339.5	
1966	2712.0	2301.8	850.7	806.1	596.7	143.6	24.5	101.7	7537.1	
1967	2765.1	2361.6	869.3	820.3	623.3	145.9	26.4	109.9	7721.9	
1968	2824.4	2417.5	888.8	832.2	653.6	148.5	29.6	119.0	7913.6	
1969	2897.3	2484.6	910.6	848.4	687.0	152.0	32.8	129.3	8142.0	
1970	2963.7	2550.3	931.6	866.9	718.0	154.3	36.7	139.4	8360.9	
1971	3015.9	2606.9	957.9	883.9	744.6	157.1	39.0	149.3	8554.6	
1972	3053.9	2651.6	977.8	894.9	767.2	158.3	43.2	158.0	8704.9	
1973	3079.6	2686.4	1000.7	905.5	782.0	160.1	46.9	171.6	8832.8	
1974	3108.5	2722.4	1024.9	915.5	803.7	162.4	51.7	184.6	8973.7	
1975	3129.0	2746.2	1042.1	933.2	826.4	165.2	35.3	197.4	9074.8	
1976	3143.8	2764.1	1058.1	940.1	845.7	166.9	47.3	206.2	9172.2	
1977	3168.1	2782.6	1073.7	951.3	866.1	168.3	51.0	212.2	9273.3	
1978	3197.7	2800.7	1090.1	960.7	884.5	169.6	54.9	216.6	9374.8	
1979	3226.8	2816.3	1105.9	964.8	899.2	171.0	57.2	219.5	9460.7	
1980	3257.5	2835.5	1126.1	970.9	917.0	172.3	59.6	223.0	9561.9	
1981	3279.5	2857.9	1154.7	979.9	941.5	174.1	62.1	225.6	9675.4	
1982	3319.3	2887.7	1190.8	989.5	973.5	175.2	67.1	231.2	9834.4	
1983	3351.1	2916.5	1213.6	1001.2	998.6	176.5	70.8	237.2	9965.5	
1984	3385.0	2942.8	1227.5	1013.4	1017.9	178.8	75.0	243.4	10083.8	
1985	3424.6	2970.6	1245.1	1024.3	1041.6	181.2	79.1	249.8	10216.3	
1986	3471.5	2996.7	1265.1	1035.0	1076.0	182.8	82.8	257.4	10367.3	
1987	3526.2	3035.2	1286.5	1043.9	1106.9	183.8	85.0	264.0	10531.6	
1988	3588.0	3075.9	1313.0	1054.5	1139.5	184.4	84.0	270.7	10710.0	
1989	3621.3	3121.0	1349.7	1067.9	1178.1	186.0	84.6	275.0	10883.6	
1990	3642.8	3163.6	1382.5	1080.1	1207.7	189.1	85.7	280.9	11032.2	
1991	3672.9	3194.7	1411.8	1093.5	1226.1	191.6	86.4	288.1	11165.2	
1992	3708.3	3217.8	1435.6	1101.0	1247.5	193.5	87.8	293.7	11285.2	
1993	3728.4	3231.6	1464.5	1103.9	1266.7	194.9	89.6	298.6	11378.2	
1994	3758.8	3243.5	1494.7	1108.3	1289.8	195.9	91.4	301.8	11484.4	
1995	3802.8	3268.9	1527.9	1111.7	1316.7	196.8	94.4	305.5	11624.6	
1996	3856.6	3304.9	1560.3	1116.2	1343.4	197.1	97.2	309.3	11785.1	
1997	3905.1	3336.1	1584.1	1122.5	1366.7	196.9	100.5	310.2	11922.1	
1998	3945.1	3369.0	1607.4	1129.5	1388.8	196.5	102.4	311.2	12049.8	
1999	3992.0	3407.3	1632.2	1136.4	1411.1	196.6	104.3	313.8	12193.7	
2000	4041.7	3450.1	1660.7	1142.7	1432.1	197.0	106.4	316.9	12347.6	
2001	4102.6	3500.2	1693.6	1148.0	1455.4	197.4	108.3	321.2	12526.6	
2002	4135.6	3545.6	1735.7	1155.0	1474.5	197.7	108.7	324.3	12677.1	
2003	4162.6	3594.0	1780.7	1162.3	1496.0	199.8	108.4	327.0	12830.8	
2004	4184.8	3642.0	1823.5	1168.5	1520.2	201.8	109.2	328.6	12978.6	
2005	4217.6	3697.4	1866.2	1177.3	1545.0	203.3	111.4	331.1	13149.2	
2006	4256.2	3760.8	1908.3	1189.2	1576.9	204.8	113.5	334.9	13344.4	
2007	4325.5	3841.8	1958.9	1204.2	1628.5	206.6	116.9	342.4	13624.8	
2008	4409.6	3931.4	2012.2	1219.5	1682.9	209.2	121.2	348.1	13934.0	
2009	4492.4	4031.8	2068.5	1237.4	1739.3	212.1	125.3	354.5	14261.2	
2010	4555.5	4105.9	2108.3	1253.1	1781.1	214.7	127.8	361.4	14507.9	
2011	4608.9	4169.4	2147.4	1264.1	1833.6	216.3	129.1	367.6	14736.4	
2012	4676.1	4252.5	2193.3	1278.6	1904.9	216.9	132.3	374.8	15029.4	
2013	4756.4	4344.7	2236.0	1291.4	1972.8	218.0	137.4	380.9	15337.6	
2014	4840.6	4440.3	2274.6	1304.6	2021.2	219.2	140.4	385.6	15626.6	
2015	4926	4535	2316	1319	2064	221	143	391	15914	

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