

TABLE 2D07

LONG DISTANCE RAIL TRAVEL DEMAND ELASTICITIES

<i>Author</i>		<i>Elasticities of demand with respect to</i>				
		<i>Income</i>	<i>Own price</i>	<i>Airfares</i>	<i>Frequency of service</i>	<i>Type of model</i>
Smith BTE (1977)	Perth-Sydney					
	Total trips	ne	-0.43	1.12	0.35	Time series
	First class	ne	-0.67	1.56	0.35	Time series
	Economy	ne	-0.14	0.68	0.35	Time series
BTE (1980)	Sydney-Canberra	ne	ne	4.87 ¹	0.512	Cross section
Tulpule & Powell (1978)	All Australia	0.40 ²	ne	ne	ne	Time series
Meagher et al (1983)	All Australia	0.38 ²	-0.21	ne	ne	Time series

na not estimated.

1. this value is for the price of air travel relative to rail travel.

2. this is an expenditure elasticity defined as the percentage change in the expenditure on railway transport for a 1 percent change in total expenditure.

Source Lubulwa (1986, table 2, p. 206).