

TABLE 1D05 SUMMARY OF INDUSTRY COMMISSION SURVEY OF PUBLIC TRANSPORT ELASTICITIES

	<i>Short run</i>	<i>Long run</i>	<i>Undefined</i>	<i>No. of studies</i>	<i>Countries</i>
<i>Own price elasticities</i>					
Public transport demand with respect to					
- all fares	-0.10 to -0.60	na	-0.15 (peak) -0.34 (offpeak)	5	Many incl Aust, US
Bus demand with respect to bus fares	-0.13 to -0.34	-0.57	-0.04 to -0.58	5	Many incl Aust, US, UK
Rail demand with respect to rail fares	-0.23 to -0.62	-1.59	-0.15 to -0.79	6	Many incl Aust, US, UK
<i>Cross price elasticities</i>					
Public Transport demand with respect to					
- petrol price	0.07	na	0.34	2	UK; Aust
Bus demand with respect to					
- variable car costs	0.01	na	na	1	Aust
Rail demand with respect to					
Petrol price	0.17 to 0.18	na	na	2	USA
(i) variable car costs	0.02 to 0.11	1.13	na	2	USA; Aust
(ii) fixed car costs	1.05	2.69	na	1	USA
<i>Own time elasticities</i>					
Public transport demand with respect to					
(i) Public transport in-vehicle time	-0.30 to -0.50	na	na	2	Many
(ii) wait time	-0.03 to -0.11	na	na	1	Aust
Bus demand with respect to					
- bus in-vehicle time	-0.68	na	na	1	USA
Rail demand with respect to					
- rail in-vehicle time	-0.16 to -0.70	-0.42	na	2	USA; UK
<i>Cross time elasticities</i>					
Pub. Transport demand with respect to					
- car in-vehicle time	0.32	na	na	1	Aust
Bus demand with respect to					
- car in- vehicle time	0.14 (peak) 0.07 (off peak)	na	na	1	USA

na not available.

Source Industry Commission (1993, tables B.5, p. 44; B.7, p. 45; B.8, p. 46; B.9, p. 46).

