

TABLE 1D04 SUMMARY OF INDUSTRY COMMISSION SURVEY OF CAR TRAVEL 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>					
Car travel demand with respect to					
- variable car costs	-0.09 to -0.24	-0.22 to -0.31	-0.13 to -0.52	2	Aust, USA; UK
- petrol price	-0.04 to -0.20	-0.30	na	3	Aust; UK
Petrol demand with respect to					
- petrol price	-0.14 to -0.30	-0.49 to -1.40	na	4	Aust; USA; UK
<i>Cross price elasticities</i>					
Car travel demand with respect to					
- public transport fares	0.01 to 0.06	na	na	2	Aust
- rail fares	0.04 to 0.19	na	na	2	Aust
- bus fares	1.01	na	na	1	Aust
- difference between car & public transport costs	0.09	na	na	1	Aust
<i>Own-time elasticities</i>					
Car travel demand with respect to					
- car in-vehicle time	-0.17	na	na	1	Aust
<i>Cross time elasticities</i>					
Car travel demand with respect to					
- public transport					
(i) in-vehicle time	0.04	na	na	1	Aust
(ii) out-of-vehicle time	0.06	na	na	1	Aust
- bus in-vehicle time	0.36 (peak) 0.26 (offpeak)	na	na	1	USA

.. not available.

Source: Industry Commission (1993, tables B.3, p. 42; B.6, p. 44; B.8, p. 46; B.9, p. 46).