

TABLE 1B07

ESTIMATES OF ELASTICITY OF PETROL CONSUMPTION WITH  
RESPECT TO PETROL PRICE

| <i>Author</i>          | <i>Coverage</i>        | <i>Data</i> | <i>Short run</i> | <i>Long run</i> |
|------------------------|------------------------|-------------|------------------|-----------------|
| Schou & Johnson (1979) | Australia              | 1955-1976   | -0.05            | na              |
| Donnelly (1981)        | NSW                    | 1966-1980   | -0.10            | -0.29           |
|                        | Vic                    |             | -0.10            | -0.34           |
|                        | Qld                    |             | -0.10            | -0.32           |
|                        | SA                     |             | -0.10            | -0.20           |
|                        | WA                     |             | -0.10            | -0.30           |
|                        | Tas                    |             | -0.10            | -0.39           |
| Donnelly (1981)        | NSW                    | 1958-1981   | -0.13            | -0.53           |
|                        | Vic                    |             | -0.11            | -0.47           |
|                        | Qld                    |             | -0.11            | -0.47           |
|                        | SA                     |             | -0.21            | -0.57           |
|                        | WA                     |             | -0.19            | -0.78           |
|                        | Tas                    |             | -0.15            | -0.85           |
| Donnelly (1984)        | NSW                    | 1958-1981   | -0.09            | -0.38           |
|                        | Vic                    |             | -0.09            | -0.38           |
|                        | Qld                    |             | -0.09            | -0.39           |
|                        | SA                     |             | -0.16            | -0.46           |
|                        | WA                     |             | -0.16            | -1.03           |
|                        | Tas                    |             | -0.16            | -1.03           |
|                        | Australia <sup>a</sup> |             | -0.10            | -0.42           |
|                        | Australia <sup>b</sup> |             | -0.12            | -0.67           |
| Hensher & Young (1991) | Sydney                 | 1981-1985   | na               | -0.66           |

na not available.

a. Estimated using a weighted average of State results.

b. Estimated using a single national equation.

Source Luk & Hepburn (1993, table 3.1, p. 8).