

TABLE 5C01 ELASTICITIES OF RAILROAD COST AND FACTOR DEMANDS IN THE USA  
WITH RESPECT TO WAY-AND-STRUCTURES CAPITAL AND  
TECHNOLOGICAL CONDITIONS AT THE POINT OF APPROXIMATION

| <i>Type</i>              | <i>Elasticity<br/>of cost</i> | <i>Equipment</i> | <i>General<br/>labor</i> | <i>Yard &amp;<br/>switching<br/>labor</i> | <i>On-train<br/>labor</i> | <i>Fuel &amp;<br/>materials</i> |
|--------------------------|-------------------------------|------------------|--------------------------|---|---------------------------|---------------------------------|
| Way & structures capital | -0.42678                      | -1.065           | -0.306                   | -0.289                                    | -0.194                    | -0.058                          |
| Low-density route-miles  | 0.29108                       | 0.311            | 0.310                    | 0.442                                     | 0.412                     | 0.078                           |
| Route-miles              | 0.08641                       | 0.485            | -0.153                   | -0.212                                    | -0.261                    | 0.358                           |
| Average length of haul   | -0.55757                      | -1.252           | -0.046                   | -0.449                                    | -0.434                    | -0.602                          |
| Traffic mix              | 0.33977                       | 0.723            | 0.124                    | 0.199                                     | 0.260                     | 0.296                           |
| Passenger service        | 0.11289                       | 0.068            | 0.274                    | 0.312                                     | 0.147                     | -0.166                          |
| Ton-miles                | 1.12192                       | 1.521            | 0.908                    | 0.876                                     | 1.074                     | 1.055                           |

Source Friedlaender & Spady (1981, table B.13, p. 239).