

Table 18.1 GTAP Version 3 Income Elasticities of Demand

|                    | AUS  | NZL  | JPN  | KOR  | IDN  | MYS  |
|--------------------|------|------|------|------|------|------|
| Paddy rice         | 0.20 | 0.10 | 0.01 | 0.20 | 0.50 | 0.20 |
| Wheat              | 0.01 | 0.01 | 0.01 | 0.30 | 1.00 | 0.31 |
| Other grains       | 0.01 | 0.01 | 0.01 | 0.20 | 0.10 | 0.17 |
| Nongrain crops     | 0.15 | 0.64 | 0.39 | 0.64 | 0.72 | 0.63 |
| Wool               | 0.48 | 0.48 | 0.48 | 0.48 | 0.48 | 0.48 |
| Other livestock    | 0.20 | 0.01 | 0.70 | 0.64 | 0.86 | 0.36 |
| Forestry           | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Fishing            | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Coal               | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Oil                | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Gas                | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Other minerals     | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Processed rice     | 0.20 | 0.10 | 0.01 | 0.20 | 0.10 | 0.20 |
| Meat products      | 0.20 | 0.01 | 0.70 | 0.64 | 0.86 | 0.36 |
| Milk products      | 0.01 | 0.01 | 0.80 | 0.74 | 1.07 | 0.43 |
| Other food prods   | 0.15 | 0.64 | 0.39 | 0.64 | 0.72 | 0.63 |
| Bevs, tobacco      | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 |
| Textiles           | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.95 |
| Wearing apparel    | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.95 |
| Leather etc.       | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Lumber, wood       | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Pulp, paper etc    | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Petrol. etc. prods | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Chem etc. prods    | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Mineral prods nec  | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Ferrous metals     | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Other metals       | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Metal prods        | 1.25 | 1.40 | 1.28 | 1.40 | 1.59 | 1.46 |
| Transport eqpt     | 1.16 | 1.22 | 1.18 | 1.22 | 1.27 | 1.45 |
| Other machinery    | 1.16 | 1.22 | 1.18 | 1.22 | 1.27 | 1.45 |
| Other mfg          | 1.16 | 1.22 | 1.18 | 1.22 | 1.27 | 1.45 |
| Electricity etc    | 1.12 | 1.15 | 1.13 | 1.15 | 1.17 | 1.34 |
| Construction       | 1.12 | 1.15 | 1.13 | 1.15 | 1.17 | 1.34 |
| Trade, transport   | 1.24 | 1.38 | 1.27 | 1.38 | 1.55 | 1.43 |
| Servs nec, priv.   | 1.19 | 1.21 | 1.22 | 1.31 | 1.45 | 1.31 |
| Servs nec, govt.   | 1.12 | 1.15 | 1.13 | 1.15 | 1.17 | 1.34 |
| Dwellings          | 1.12 | 1.15 | 1.13 | 1.15 | 1.17 | 1.34 |

(Con't)

Table 18.1 GTAP Version 3 Income Elasticities of Demand (continued)

|                    | PHL  | SGP  | THA  | CHN  | HKG  | TWN  |
|--------------------|------|------|------|------|------|------|
| Paddy rice         | 0.20 | 0.30 | 0.10 | 0.21 | 0.20 | 0.20 |
| Wheat              | 0.50 | 0.10 | 0.50 | 0.35 | 0.40 | 0.30 |
| Other grains       | 0.20 | 0.01 | 0.10 | 0.09 | 0.01 | 0.20 |
| Nongrain crops     | 0.66 | 0.15 | 0.67 | 0.72 | 0.35 | 0.64 |
| Wool               | 0.48 | 0.48 | 0.48 | 0.51 | 0.48 | 0.48 |
| Other livestock    | 0.66 | 0.56 | 0.40 | 1.08 | 0.38 | 0.64 |
| Forestry           | 1.44 | 1.25 | 1.53 | 1.49 | 1.27 | 1.40 |
| Fishing            | 1.44 | 1.25 | 1.53 | 0.83 | 1.27 | 1.40 |
| Coal               | 1.44 | 1.25 | 1.53 | 0.88 | 1.27 | 1.40 |
| Oil                | 1.44 | 1.25 | 1.53 | 0.88 | 1.27 | 1.40 |
| Gas                | 1.44 | 1.25 | 1.53 | 0.88 | 1.27 | 1.40 |
| Other minerals     | 1.44 | 1.25 | 1.53 | 1.49 | 1.27 | 1.40 |
| Processed rice     | 0.20 | 0.30 | 0.10 | 0.21 | 0.20 | 0.20 |
| Meat products      | 0.66 | 0.56 | 0.40 | 1.08 | 0.38 | 0.64 |
| Milk products      | 0.59 | 0.47 | 0.61 | 0.83 | 0.51 | 0.74 |
| Other food prods   | 0.66 | 0.15 | 0.67 | 0.83 | 0.35 | 0.64 |
| Bevs, tobacco      | 1.02 | 1.02 | 1.02 | 1.07 | 1.02 | 1.02 |
| Textiles           | 0.96 | 0.96 | 0.95 | 1.03 | 0.96 | 0.96 |
| Wearing apparel    | 0.96 | 0.96 | 0.95 | 1.03 | 0.96 | 0.96 |
| Leather etc.       | 1.44 | 1.25 | 1.53 | 1.03 | 1.27 | 1.40 |
| Lumber, wood       | 1.44 | 1.25 | 1.53 | 1.49 | 1.27 | 1.40 |
| Pulp, paper etc    | 1.44 | 1.25 | 1.53 | 1.49 | 1.27 | 1.40 |
| Petrol. etc. prods | 1.44 | 1.25 | 1.53 | 0.88 | 1.27 | 1.40 |
| Chem etc. prods    | 1.44 | 1.25 | 1.53 | 1.49 | 1.27 | 1.40 |
| Mineral prods nec  | 1.44 | 1.25 | 1.53 | 1.49 | 1.27 | 1.40 |
| Ferrous metals     | 1.44 | 1.25 | 1.53 | 1.49 | 1.27 | 1.40 |
| Other metals       | 1.44 | 1.25 | 1.53 | 1.49 | 1.27 | 1.40 |
| Metal prods        | 1.44 | 1.25 | 1.53 | 1.49 | 1.27 | 1.40 |
| Transport eqpt     | 1.23 | 1.16 | 1.52 | 1.49 | 1.17 | 1.22 |
| Other machinery    | 1.23 | 1.16 | 1.52 | 1.49 | 1.17 | 1.22 |
| Other mfg          | 1.23 | 1.16 | 1.52 | 1.49 | 1.17 | 1.22 |
| Electricity etc    | 1.15 | 1.12 | 1.38 | 1.17 | 1.13 | 1.15 |
| Construction       | 1.15 | 1.12 | 1.38 | 1.54 | 1.13 | 1.15 |
| Trade, transport   | 1.41 | 1.24 | 1.49 | 1.17 | 1.26 | 1.38 |
| Servs nec, priv.   | 1.34 | 1.19 | 1.37 | 1.17 | 1.21 | 1.31 |
| Servs nec, govt.   | 1.15 | 1.12 | 1.38 | 1.17 | 1.13 | 1.15 |
| Dwellings          | 1.15 | 1.12 | 1.38 | 1.54 | 1.13 | 1.15 |

(Con't)

Table 18.1 GTAP Version 3 Income Elasticities of Demand (continued)

|                    | IDI  | RAS  | CAN  | USA  | MEX  | CAM  |
|--------------------|------|------|------|------|------|------|
| Paddy rice         | 0.32 | 0.35 | 0.20 | 0.20 | 0.30 | 0.21 |
| Wheat              | 0.50 | 0.37 | 0.01 | 0.01 | 0.40 | 0.45 |
| Other grains       | 0.10 | 0.14 | 0.01 | 0.01 | 0.01 | 0.09 |
| Nongrain crops     | 0.76 | 0.69 | 0.15 | 0.14 | 0.51 | 0.62 |
| Wool               | 0.48 | 0.48 | 0.48 | 0.48 | 0.48 | 0.48 |
| Other livestock    | 0.73 | 0.91 | 0.22 | 0.01 | 0.41 | 0.54 |
| Forestry           | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.44 |
| Fishing            | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.42 |
| Coal               | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.42 |
| Oil                | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.42 |
| Gas                | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.42 |
| Other minerals     | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.44 |
| Processed rice     | 0.15 | 0.35 | 0.20 | 0.20 | 0.30 | 0.18 |
| Meat products      | 0.73 | 0.91 | 0.22 | 0.01 | 0.41 | 0.54 |
| Milk products      | 0.47 | 0.56 | 0.01 | 0.01 | 0.57 | 0.57 |
| Other food prods   | 0.76 | 0.69 | 0.15 | 0.14 | 0.51 | 0.63 |
| Bevs, tobacco      | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 |
| Textiles           | 0.96 | 0.96 | 0.96 | 0.96 | 0.95 | 0.96 |
| Wearing apparel    | 0.96 | 0.96 | 0.96 | 0.96 | 0.95 | 0.96 |
| Leather etc.       | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.42 |
| Lumber, wood       | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.44 |
| Pulp, paper etc    | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.44 |
| Petrol. etc. prods | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.42 |
| Chem etc. prods    | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.44 |
| Mineral prods nec  | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.44 |
| Ferrous metals     | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.44 |
| Other metals       | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.44 |
| Metal prods        | 1.89 | 1.50 | 1.25 | 1.25 | 1.35 | 1.44 |
| Transport eqpt     | 1.31 | 1.24 | 1.16 | 1.16 | 1.35 | 1.29 |
| Other machinery    | 1.31 | 1.24 | 1.16 | 1.16 | 1.35 | 1.29 |
| Other mfg          | 1.31 | 1.24 | 1.16 | 1.16 | 1.35 | 1.29 |
| Electricity etc    | 1.19 | 1.16 | 1.12 | 1.12 | 1.28 | 1.20 |
| Construction       | 1.19 | 1.16 | 1.12 | 1.12 | 1.28 | 1.21 |
| Trade, transport   | 1.80 | 1.47 | 1.24 | 1.24 | 1.33 | 1.40 |
| Servs nec, priv.   | 1.70 | 1.39 | 1.19 | 1.19 | 1.23 | 1.32 |
| Servs nec, govt.   | 1.19 | 1.16 | 1.12 | 1.12 | 1.28 | 1.20 |
| Dwellings          | 1.19 | 1.16 | 1.12 | 1.12 | 1.28 | 1.21 |

(Con't)

Table 18.1 GTAP Version 3 Income Elasticities of Demand (continued)

|                    | ARG  | BRA  | CHL  | RAM  | E_U  | EU3  |
|--------------------|------|------|------|------|------|------|
| Paddy rice         | 0.10 | 0.20 | 0.30 | 0.31 | 0.22 | 0.30 |
| Wheat              | 0.01 | 0.40 | 0.20 | 0.33 | 0.01 | 0.01 |
| Other grains       | 0.01 | 0.01 | 0.20 | 0.14 | 0.01 | 0.01 |
| Nongrain crops     | 0.54 | 0.54 | 0.56 | 0.57 | 0.32 | 0.35 |
| Wool               | 0.48 | 0.48 | 0.48 | 0.48 | 0.48 | 0.48 |
| Other livestock    | 0.18 | 0.56 | 0.62 | 0.45 | 0.34 | 0.15 |
| Forestry           | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Fishing            | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Coal               | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Oil                | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Gas                | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Other minerals     | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Processed rice     | 0.10 | 0.20 | 0.20 | 0.31 | 0.22 | 0.30 |
| Meat products      | 0.18 | 0.56 | 0.62 | 0.45 | 0.34 | 0.15 |
| Milk products      | 0.27 | 0.54 | 0.41 | 0.46 | 0.03 | 0.01 |
| Other food prods   | 0.54 | 0.54 | 0.56 | 0.57 | 0.32 | 0.35 |
| Bevs, tobacco      | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 |
| Textiles           | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 |
| Wearing apparel    | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 |
| Leather etc.       | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Lumber, wood       | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Pulp, paper etc    | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Petrol. etc. prods | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Chem etc. prods    | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Mineral prods nec  | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Ferrous metals     | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Other metals       | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Metal prods        | 1.33 | 1.32 | 1.34 | 1.35 | 1.27 | 1.27 |
| Transport eqpt     | 1.20 | 1.19 | 1.20 | 1.20 | 1.17 | 1.17 |
| Other machinery    | 1.20 | 1.19 | 1.20 | 1.20 | 1.17 | 1.17 |
| Other mfg          | 1.20 | 1.19 | 1.20 | 1.20 | 1.17 | 1.17 |
| Electricity etc    | 1.14 | 1.14 | 1.14 | 1.14 | 1.12 | 1.13 |
| Construction       | 1.14 | 1.14 | 1.14 | 1.14 | 1.12 | 1.13 |
| Trade, transport   | 1.31 | 1.31 | 1.33 | 1.34 | 1.26 | 1.26 |
| Servs nec, priv.   | 1.25 | 1.25 | 1.26 | 1.28 | 1.21 | 1.21 |
| Servs nec, govt.   | 1.14 | 1.14 | 1.14 | 1.14 | 1.12 | 1.13 |
| Dwellings          | 1.14 | 1.14 | 1.14 | 1.14 | 1.12 | 1.13 |

(Con't)

Table 18.1 GTAP Version 3 Income Elasticities of Demand (continued)

|                    | EFTA | CEA  | FSU  | MEA  | SSA  | ROW  |
|--------------------|------|------|------|------|------|------|
| Paddy rice         | 0.01 | 0.17 | 0.17 | 0.14 | 0.23 | 0.20 |
| Wheat              | 0.01 | 0.01 | 0.01 | 0.29 | 0.39 | 0.42 |
| Other grains       | 0.01 | 0.01 | 0.01 | 0.06 | 0.14 | 0.06 |
| Nongrain crops     | 0.34 | 0.54 | 0.54 | 0.59 | 0.67 | 0.59 |
| Wool               | 0.48 | 0.48 | 0.48 | 0.48 | 0.48 | 0.48 |
| Other livestock    | 0.22 | 0.45 | 0.45 | 0.32 | 0.58 | 0.56 |
| Forestry           | 1.27 | 1.32 | 1.32 | 1.44 | 1.57 | 1.39 |
| Fishing            | 1.27 | 1.32 | 1.32 | 1.43 | 1.48 | 1.39 |
| Coal               | 1.27 | 1.32 | 1.32 | 1.43 | 1.49 | 1.39 |
| Oil                | 1.27 | 1.32 | 1.32 | 1.43 | 1.49 | 1.39 |
| Gas                | 1.27 | 1.32 | 1.32 | 1.43 | 1.49 | 1.39 |
| Other minerals     | 1.27 | 1.32 | 1.32 | 1.44 | 1.57 | 1.39 |
| Processed rice     | 0.01 | 0.17 | 0.17 | 0.11 | 0.18 | 0.19 |
| Meat products      | 0.22 | 0.45 | 0.45 | 0.32 | 0.58 | 0.56 |
| Milk products      | 0.01 | 0.44 | 0.44 | 0.43 | 0.51 | 0.53 |
| Other food prods   | 0.34 | 0.54 | 0.54 | 0.59 | 0.69 | 0.59 |
| Bevs, tobacco      | 1.02 | 1.02 | 1.02 | 1.02 | 1.03 | 1.02 |
| Textiles           | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 |
| Wearing apparel    | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 |
| Leather etc.       | 1.27 | 1.32 | 1.32 | 1.43 | 1.51 | 1.39 |
| Lumber, wood       | 1.27 | 1.32 | 1.32 | 1.44 | 1.57 | 1.39 |
| Pulp, paper etc    | 1.27 | 1.32 | 1.32 | 1.44 | 1.57 | 1.39 |
| Petrol. etc. prods | 1.27 | 1.32 | 1.32 | 1.43 | 1.49 | 1.39 |
| Chem etc. prods    | 1.27 | 1.32 | 1.32 | 1.44 | 1.57 | 1.39 |
| Mineral prods nec  | 1.27 | 1.32 | 1.32 | 1.44 | 1.57 | 1.39 |
| Ferrous metals     | 1.27 | 1.32 | 1.32 | 1.44 | 1.57 | 1.39 |
| Other metals       | 1.27 | 1.32 | 1.32 | 1.44 | 1.57 | 1.39 |
| Metal prods        | 1.27 | 1.32 | 1.32 | 1.44 | 1.57 | 1.39 |
| Transport eqpt     | 1.17 | 1.19 | 1.19 | 1.34 | 1.39 | 1.22 |
| Other machinery    | 1.17 | 1.19 | 1.19 | 1.34 | 1.39 | 1.22 |
| Other mfg          | 1.17 | 1.19 | 1.19 | 1.34 | 1.39 | 1.22 |
| Electricity etc    | 1.13 | 1.14 | 1.14 | 1.24 | 1.25 | 1.16 |
| Construction       | 1.13 | 1.14 | 1.14 | 1.24 | 1.30 | 1.16 |
| Trade, transport   | 1.26 | 1.31 | 1.31 | 1.41 | 1.48 | 1.37 |
| Servs nec, priv.   | 1.21 | 1.25 | 1.25 | 1.31 | 1.39 | 1.30 |
| Servs nec, govt.   | 1.13 | 1.14 | 1.14 | 1.24 | 1.25 | 1.16 |
| Dwellings          | 1.13 | 1.14 | 1.14 | 1.24 | 1.30 | 1.16 |