**Supplementary Table 1** Water-scarcity footprint of individual foods in the Australian food system calculated using a multi-model ensemble of three water-scarcity models. Individual model results are reported in Ridoutt et al. (13). Results are reported relative to water use at the global average level of water scarcity.

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| Food | Description | Water scarcity footprint  L-eq/kg |
| Almond | Edible portion | 5053 |
| Almond beverage |  | 158 |
| Apple juice |  | 64 |
| Apple pie |  | 52 |
| Apples | Edible portion | 41 |
| Apricot (Dried) | Dried, edible | 4081 |
| Aquaculture salmon | Edible portion | 52 |
| Arrowroot biscuit |  | 99 |
| Avocado | Edible portion | 174 |
| Barley | Uncooked | 24 |
| Balsamic vinegar |  | 44 |
| Beef meat | Fresh, without bone | 143 |
| Beef offal | Fresh | 81 |
| Beer |  | 7 |
| Biscuit, chocolate and cream filling |  | 341 |
| Biscuit, savoury, corn cake |  | 139 |
| Biscuit, savoury, white wheat flour |  | 25 |
| Bread, wheat, white |  | 14 |
| Bread, wheat, wholemeal |  | 12 |
| Breakfast cereal, puffed rice, chocolate |  | 987 |
| Breakfast cereal mix grain |  | 243 |
| Breakfast cereal, corn flakes |  | 121 |
| Breakfast cereal, frosted corn flakes |  | 101 |
| Breakfast cereal, oat cluster fruit |  | 321 |
| Breakfast cereal, oat cluster nut |  | 458 |
| Breakfast cereal, puffed rice |  | 1445 |
| Breakfast cereal, wheat biscuit |  | 18 |
| Brown Rice | Uncooked | 1598 |
| Butter |  | 1058 |
| Cake or cupcake, chocolate | Sugar based icing | 84 |
| Cake, fruit, commercial, un-iced |  | 1036 |
| Cake, lamington | Unfilled | 141 |
| Canola oil | Refined, edible | 143 |
| Cheese |  | 794 |
| Chips (crisps), potato |  | 546 |
| Chocolate and malt powder | Unmixed | 762 |
| Cider |  | 66 |
| Citrus fruit | Edible portion | 361 |
| Cocoa powder | Unsweetened | 585 |
| Coconut, desiccated |  | 632 |
| Coffee | Roasted bean | 1045 |
| Cone for ice-cream | Cone only | 76 |
| Cordial, 50% juice, citrus | Concentrate, unmixed | 182 |
| Cordial, lime flavouring | Concentrate, unmixed | 29 |
| Corn flour |  | 130 |
| Corn chips |  | 260 |
| Cream |  | 591 |
| Crispbread, wheat based, refined |  | 58 |
| Crispbread, wholegrain |  | 76 |
| Croissant |  | 256 |
| Custard |  | 143 |
| Danish pastry with custard |  | 92 |
| Eggs | Whole, without shell | 168 |
| Extruded cheese snack |  | 768 |
| Flavoured milk, chocolate |  | 156 |
| Flavoured milk, other |  | 150 |
| Game meat |  | 5 |
| Grape juice |  | 425 |
| Grapes | Edible portion | 319 |
| Hazelnut spread |  | 1027 |
| Honey |  | 0.6 |
| Ice-cream regular fat |  | 252 |
| Iced doughnut |  | 117 |
| Jam, stone fruit |  | 343 |
| Juice, fruit & vegetable blend |  | 321 |
| Lamb meat | Fresh, without bone | 72 |
| Lamb offal | Fresh | 33 |
| Liquorice |  | 33 |
| Lobster | Edible portion | 8 |
| Lolly, jube type |  | 66 |
| Madeira cake |  | 80 |
| Margarine |  | 235 |
| Mayonnaise | Regular fat | 721 |
| Meat pie |  | 61 |
| Milk chocolate |  | 655 |
| Muesli or snack bar, with chocolate chips or coating |  | 463 |
| Muesli, natural with dried fruit (nut free) |  | 579 |
| Muffin, cake-style, berry, commercial, un-iced |  | 276 |
| Muesli bar with fruit/nut |  | 915 |
| Muesli bar with nuts/seeds |  | 415 |
| Oat biscuit, sweet |  | 229 |
| Oats | Uncooked | 25 |
| Olive oil |  | 3507 |
| Orange juice |  | 650 |
| Other citrus juice |  | 722 |
| Other nut | Edible portion | 3384 |
| Palm oil |  | 4 |
| Pasta from wheat | Dry, uncooked | 19 |
| Pastry (shortcrust) |  | 41 |
| Pasty, filled with vegetables & meat |  | 99 |
| Peanut | Edible portion | 776 |
| Peanut oil | Refined, edible | 1437 |
| Pears | Edible portion | 34 |
| Pig meat | Fresh, without bone | 125 |
| Pig offal | Fresh | 24 |
| Pineapple juice |  | 212 |
| Plantation fruit | Edible portion | 42 |
| Popcorn |  | 214 |
| Poultry meat | Fresh, without bone | 118 |
| Poultry offal | Fresh | 60 |
| Prawn | Edible portion | 9 |
| Processed beef products |  | 150 |
| Processed lamb products |  | 79 |
| Processed pig meat products |  | 132 |
| Processed poultry products |  | 124 |
| Quiche Lorraine |  | 284 |
| Reduced fat milk |  | 109 |
| Rice cake, wholegrain |  | 1589 |
| Rice cracker, plain |  | 1805 |
| Rice flour |  | 1827 |
| Rice milk |  | 230 |
| Rum |  | 26 |
| Rye flour |  | 22 |
| Safflower oil | Refined, edible | 153 |
| Sauce, tomato, commercial |  | 123 |
| Sausage, beef |  | 212 |
| Sausage, chicken |  | 193 |
| Sausage, lamb |  | 159 |
| Sausage, pork |  | 198 |
| Soft drink, diet |  | 0.9 |
| Soft drink, sugar sweetened |  | 9 |
| Soy milk |  | 39 |
| Soy sauce |  | 105 |
| Soybean oil | Refined, edible | 1115 |
| Sports drink |  | 6 |
| Starchy root veg | Edible portion | 106 |
| Stone fruit | Edible portion, includes berries | 785 |
| Sugar | Refined | 71 |
| Sultana (Dried grape) | Dried, edible | 1499 |
| Sunflower oil | Refined, edible | 1085 |
| Sweet biscuit with cream filling |  | 45 |
| Tea | Dried leaves | 3389 |
| Tofu |  | 122 |
| Tropical stone fruit | Edible portion | 183 |
| Veg, excluding starchy roots and avocado | Edible portion | 118 |
| Water, bottled |  | 0.7 |
| Water, tap |  | 0.4 |
| Wheat bran |  | 25 |
| Wheat flour, white |  | 19 |
| Wheat flour, wholegrain |  | 16 |
| White rice | Uncooked | 1827 |
| Whole milk |  | 156 |
| Whole milk powder |  | 1214 |
| Wild capture fish | Edible portion | 15 |
| Wine | Red or white | 457 |
| Winter legumes | Lupin, chickpea, faba,  Lentil (canned/soaked) | 7 |
| Yogurt, plain |  | 171 |
| Yogurt, sweetened |  | 165 |