**The share of ultra-processed foods determines the overall nutritional quality of diet in British vegetarians**

Beatriz Menezes de Albuquerque Torquato1,3, Mariana Madrμga4, Renata Bertazzi Levy1,3, Maria Laura da Costa Louzada1,2, Fernanda Rauber1,3

1Center for Epidemiological Research in Nutrition and Health, University of São Paulo, São Paulo 01246‐904, Brazil.

2Department of Nutrition, School of Public, University of São Paulo, São Paulo 01246‐904, Brazil.

3Department of Preventive Medicine, School of Medicine, University of São Paulo, São Paulo 01246 903, Brazil.

4Department of Acquisition and Distribution of Healthy Foods, National Secretariat for Food and Nutritional Security, Ministry of Development and Social Assistance, Family, and Hunger Combat, Brasília, 70054-906, Brazil.

**Correspondence to**: Fernanda Rauber, [rauber.fernanda@gmail.com](mailto:rauber.fernanda@gmail.com), School of Medicine, University of São Paulo, São Paulo 01246 903, Brazil.

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| **Supplementary Table 1: Recommended values for micronutrient by the European Food Safety Authority (EFSA)** | | | | | | |
| Calcium | | |  | Phosphorus | | |
| Age group | Sex | AR |  | Age group | Sex | AI |
| 1-3 | - | 390 mg/day |  | 1-3 | - | 160 mg/day |
| 4-10 | - | 680 mg/day |  | 4-10 | - | 440 mg/day |
| 11-17 | - | 960 mg/day |  | 11-17 | - | 640 mg/day |
| 18-24 | - | 860 mg/day |  | > 18 y | - | 550 mg/day |
| >25 years | - | 750 mg/day |  |  |  |  |
|  |  |  |  |  |  |  |
| Magnesium | | |  | Selenium | | |
| Age group | Sex | AI |  | Age group | Sex | AI |
| 1-3 | - | 170 mg/day |  | 1-3 | - | 15 μg/day |
| 4-9 | - | 230 mg/day |  | 4-6 | - | 20 μg/day |
| 10-17 | Female | 250 mg/day |  | 7-10 | - | 35 μg/day |
| 10-17 | Male | 300 mg/day |  | 11-14 | - | 55 μg/day |
| >18 | Female | 300 mg/day |  | >15y | - | 70 μg/day |
| >18 y | Male | 350 mg/day |  |  |  |  |
|  |  |  |  |  |  |  |
| Iron | | |  | Copper | | |
| Age group | Sex | AR |  | Age group | Sex | AI |
| 1-6 | - | 5 mg/day |  | 1-2 | - | 0,7 mg/day |
| 7-11 | - | 8 mg/day |  | 3-9 | - | 1 mg/day |
| 12-17 | Male | 8 mg/day |  | 10-17 | Male | 1,3 mg/day |
| 12-39 | Female | 7 mg/day |  | 10-17 | Female | 1,1 mg/day |
| >18 | Male | 6 mg/day |  | >18 | Male | 1,6 mg/day |
| >40y | Female | 6 mg/day |  | > 18 y | Female | 1,3 mg/day |
|  |  |  |  |  |  |  |
| Iodine | | |  | Vitamin B12 | | |
| Age group | Sex | AI |  | Age group | Sex | AI |
| 1-10 | - | 90 μg/day |  | 1-6 | - | 1,5 μg/day |
| 11-14 | - | 120 μg/day |  | 7-10 | - | 2,5 μg/day |
| 15-17 | - | 130 μg/day |  | 11-14 | - | 3,5 μg/day |
| > 18y | - | 150 μg/day |  | >15y | - | 4 μg/day |
|  |  |  |  |  |  |  |
| Sodium | | |  | Vitamin E | | |
| Age group | Sexo | Safe and Adequate Intake |  | Age group | Sex | AI |
| 1-3 | - | 1,1g/day |  | 1-2 | - | 6 mg/day |
| 4-6 | - | 1,3g/day |  | 3-9 | - | 9 mg/day |
| 7-10 | - | 1,7g/day |  | >10 | Male | 13 mg/day |
| >11y | - | 2g/day |  | >10y | Female | 11 mg/day |
|  |  |  |  |  |  |  |
| Zinc | | |  | Vitamin C | | |
| Age group | Sex | AR |  | Age group | Sex | AR |
| 1-3 | - | 3,6 mg/day |  | 1-3 | - | 15 mg/day |
| 4-6 | - | 4,6 mg/day |  | 4-6 | - | 25 mg/day |
| 7-10 | - | 6,2 mg/day |  | 7-10 | - | 40 mg/day |
| 11-14 | - | 8,6 mg/day |  | 11-14 | - | 60 mg/day |
| 15-17 | Male | 11,8 mg/day |  | 15-17 | Male | 85 mg/day |
| 15-17 | Female | 9,9 mg/day |  | 15-17 | Female | 75 mg/day |
| > 18 | Male | 9,3 mg/day |  | >18 | Male | 90 mg/day |
| > 18y | Female | 7,6 mg/day |  | >18y | Female | 80 mg/day |
|  |  |  |  |  |  |  |
| Vitamin A | | |  | Potassium | | |
| Age group | Sex | AR |  | Age group | Sex | AI |
| 1-3 | - | 205 μg RE/ day |  | 1-3 | - | 800 mg/day |
| 4-6 | - | 245 μg RE/ day |  | 4-6 | - | 1100 mg/day |
| 7-10 | - | 320 μg RE/ day |  | 7-10 | - | 1800 mg/day |
| 11-14 | - | 480μg RE/ day |  | 11-14 | - | 2700 mg/day |
| 15-17 | Male | 580 μg RE/ day |  | >15y | - | 3500 mg/day |
| 15-17 | Female | 490 μg RE/ day |  |  |  |  |
| > 18y | Male | 570 μg RE/ day |  |  |  |  |
|  | | |  |  |  |  |
| Vitamin B6 | | |  | Vitamin D | | |
| Age group | Sex | AR |  | Age group | Sex | AI |
| 1-3 | - | 0,5 mg/day |  | >1y | - | 15 μg/day |
| 4-6 | - | 0,6 mg/day |  |  |  |  |
| 7-10 | - | 0,9 mg/day |  |  |  |  |
| 11-14 | - | 1,2 mg/day |  |  |  |  |
| >15 | Male | 1,5 mg/day |  |  |  |  |
| >15y | Female | 1,3 mg/day |  |  |  |  |
| \* AR = Average Requirement | AI = Adequate Intake | | | | | | |