**SUPPLEMENTARY MATERIAL**

| Table – Availability of foods in non-commercial food services, commercial food services and vending machines in municipal hospitals assessed, according to SDI of district in which they are located. Rio de Janeiro, 2019. |
| --- |
| **Availability of foods** | **High SDI area\*** | **Low SDI area\*** | **Total** |
| N | % | 95% CI | N | % | 95% CI | N | % | 95% CI |
| **NON-COMMERCIAL FOOD SERVICE** |  |  |  |  |  |  |  |  |  |
| ***Fresh or minimally-processed foods and culinary preparations***  |  |  |  |  |  |  |  |  |  |
| Raw vegetables | 11 | 91.7 | 52.5-99.1 | 9 | 75.0 | 40.9-92.9 | 20 | 83.3 | 61.7-93.9 |
| Cooked vegetables | 12 | 100.0 | -- | 8 | 66.7 | 34.2-88.5 | 20 | 83.3 | 61.7-93.9 |
| Legumes | 11 | 91.7 | 52.5-99.1 | 9 | 75.0 | 40.9-92.9 | 20 | 83.3 | 61.7-93.9 |
| Whole grain rice | 4 | 33.3 | 11.5-65.8 | 4 | 33.3 | 11.5-65.8 | 8 | 33.3 | 17.0-55.0 |
| Fruit | 9 | 75.0 | 40.9-92.9 | 3 | 25.0 | 7.1-59.1 | 12 | 50.0 | 30.1-69.9 |
| Fruit salads | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Fresh juice | 10 | 83.3 | 47.6-96.5 | 6 | 50.0 | 21.9-78.1 | 16 | 66.7 | 44.9-83.0 |
|  Fruit smoothie | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Coconut water | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Coffee  | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Crepe/Wrap | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Toasted bread roll | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| ***Ultra-processed foods and beverages*** |  |  |  |  |  |  |  |  |  |
| Cereal bar | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Sweet filled biscuits (Creams) | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Sweet biscuits | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Savory biscuits  | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Bagged savory snacks | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Fried or roasted snacks | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Sandwich | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Soft drinks | 2 | 16.7 | 3.5-52.4 | 0 | 0 | -- | 2 | 8.3 | 1.9-29.5 |
| Artificial juices | 7 | 58.3 | 27.8-83.6 | 7 | 58.3 | 27.8-83.6 | 14 | 58.3 | 37.3-76.7 |
| Nectars | 3 | 25.0 | 7.1-59.1 | 1 | 8.3 | 0.9-47.5 | 4 | 16.7 | 6.1-38.3 |
| Ready teas | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Electrolyte/sport drinks | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Energy drinks | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Natural Guarana | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Soy-based drinks | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Milk and dairy | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Cappuccino or hot chocolate | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Individual chocolates and chocolate | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Candy | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Ice-cream or popsicle | 2 | 16.7 | 3.5-52.4 | 1 | 8.3 | 0.9-47.5 | 3 | 12.5 | 3.8-33.9 |
| Other confectionary | 3 | 25.0 | 7.1-59.1 | 0 | 0 | -- | 3 | 12.5 | 3.8-33.9 |
| **COMMERCIAL FOOD SERVICE** |  |  |  |  |  |  |  |  |  |
| ***Fresh or minimally-processed foods and culinary preparations*** |  |  |  |  |  |  |  |  |  |
| Raw vegetables | 5 | 41.7 | 16.4-72.2 | 0 | 0 | -- | 5 | 20.8 | 8.5-42.7 |
| Cooked vegetables | 4 | 33.3 | 11.5-65.8 | 1 | 8.3 | 0.9-47.5 | 5 | 20.8 | 8.5-42.7 |
| Legumes | 5 | 41.7 | 16.4-72.2 | 0 | 0 | -- | 5 | 20.8 | 8.5-42.7 |
| Whole grain rice | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Fruit  | 2 | 16.7 | 3.5-52.4 | 1 | 8.3 | 0.9-47.5 | 3 | 12.5 | 3.8-33.9 |
| Fruit salads | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Fresh juice | 6 | 50.0 | 21.9-78.1 | 1 | 8.3 | 0.9-47.5 | 7 | 29.2 | 14.0-51.0 |
| Fruit smoothie | 4 | 33.3 | 11.5-65.8 | 1 | 8.3 | 0.9-47.5 | 5 | 20.8 | 8.5-42.7 |
| Coconut water | 4 | 33.3 | 11.5-65.8 | 2 | 16.7 | 3.5-52.4 | 6 | 25.0 | 11.2-46.9 |
| Coffee  | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Crepe/Wrap | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Toasted bread roll | 6 | 50.0 | 21.9-78.1 | 2 | 16.7 | 3.5-52.4 | 8 | 33.3 | 17.0-55.0 |
| ***Ultra-processed foods and beverages*** |  |  |  |  |  |  |  |  |  |
| Cereal bar | 4 | 33.3 | 11.5-65.8 | 2 | 16.7 | 3.5-52.4 | 6 | 25.0 | 11.2-46.9 |
| Sweet filled biscuits (Creams) | 7 | 58.3 | 27.8-83.6 | 2 | 16.7 | 3.5-52.4 | 9 | 37.5 | 20.1-58.9 |
| Sweet biscuits | 5 | 41.7 | 16.4-72.2 | 2 | 16.7 | 3.5-52.4 | 7 | 29.2 | 14.0-51.0 |
| Savory biscuits | 6 | 50.0 | 21.9-78.1 | 1 | 8.3 | 0.9-47.5 | 7 | 29.2 | 14.0-51.0 |
| Bagged savory snacks | 6 | 50.0 | 21.9-78.1 | 2 | 16.7 | 3.5-52.4 | 8 | 33.3 | 17.0-55.0 |
| Fried or roasted snacks | 6 | 50.0 | 21.9-78.1 | 2 | 16.7 | 3.5-52.4 | 8 | 33.3 | 17.0-55.0 |
| Sandwich | 5 | 41.7 | 16.4-72.2 | 0 | 0 | -- | 5 | 20.8 | 8.5-42.7 |
| Soft drinks | 7 | 58.3 | 27.8-83.6 | 2 | 16.7 | 3.5-52.4 | 9 | 37.5 | 20.1-58.9 |
| Artificial juices | 2 | 16.7 | 3.5-52.4 | 1 | 8.3 | 0.9-47.5 | 3 | 12.5 | 3.8-33.9 |
| Nectars | 5 | 41.7 | 16.4-72.2 | 2 | 16.7 | 3.5-52.4 | 7 | 29.2 | 14.0-51.0 |
| Ready teas | 5 | 41.7 | 16.4-72.2 | 2 | 16.7 | 3.5-52.4 | 7 | 29.2 | 14.0-51.0 |
| Electrolyte/sport drinks | 4 | 33.3 | 11.5-65.8 | 0 | 0 | -- | 4 | 16.7 | 6.1-38.3 |
| Energy drinks | 4 | 33.3 | 11.5-65.8 | 1 | 8.3 | 0.9-47.5 | 5 | 20.8 | 8.5-42.7 |
| Natural Guarana | 7 | 58.3 | 27.8-83.6 | 2 | 16.7 | 3.5-52.4 | 9 | 37.5 | 20.1-58.9 |
| Soy-based drinks | 3 | 25.0 | 7.1-59.1 | 0 | 0 | -- | 3 | 12.5 | 3.8-33.9 |
| Milk and dairy | 3 | 25.0 | 7.1-59.1 | 2 | 16.7 | 3.5-52.4 | 5 | 20.8 | 8.5-42.7 |
| Cappuccino or hot chocolate | 1 | 8.3 | 0.9-47.5 | 0 | 0 | -- | 1 | 4.2 | 0.5-26.5 |
| Individual chocolates and chocolate | 7 | 58.3 | 27.8-83.6 | 0 | 0 | -- | 7 | 29.2 | 14.0-51.0 |
| Candy | 6 | 50.0 | 21.9-78.1 | 2 | 16.7 | 3.5-52.4 | 8 | 33.3 | 17.0-55.0 |
| Ice-cream or popsicle | 6 | 50.0 | 21.9-78.1 | 0 | 0 | -- | 6 | 25.0 | 11.2-46.9 |
| Other confectionary | 6 | 50.0 | 21.9-78.1 | 2 | 16.7 | 3.5-52.4 | 8 | 33.3 | 17.0-55.0 |
| **VENDING MACHINES** |  |  |  |  |  |  |  |  |  |
| Soft drinks | 2 | 16.7 | 3.5-52.4 | 2 | 16.7 | 3.5-52.4 | 4 | 16.7 | 6.1-38.3 |
| Other sugary drinks | 1 | 8.3 | 0.9-47.5 | 3 | 25.0 | 7.1-59.1 | 4 | 16.7 | 6.1-38.3 |
| Vegetables | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Fruit, juice, or fruit salad | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Low-calorie drink | 1 | 8.3 | 0.9-47.5 | 1 | 8.3 | 0.9-47.5 | 2 | 8.3 | 1.9-29.5 |
| Still water | 1 | 8.3 | 0.9-47.5 | 1 | 8.3 | 0.9-47.5 | 2 | 8.3 | 1.9-29.5 |
| Convention items | 2 | 16.7 | 3.5-52.4 | 3 | 25.0 | 7.1-59.1 | 5 | 20.8 | 8.5-42.7 |
| Cereal bar | 1 | 8.3 | 0.9-47.5 | 1 | 8.3 | 0.9-47.5 | 2 | 8.3 | 1.9-29.5 |
| Chocolate bar | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Bagged savory snacks | 2 | 16.7 | 3.5-52.4 | 3 | 25.0 | 7.1-59.1 | 5 | 20.8 | 8.5-42.7 |

\*SDI. Social Development Index.