Country overview

Malnutrition burden

Paraguay is on course to meet the global targets for under-five stunting and under-five wasting, but is off course to meet the targets for all other indicators analysed with adequate data.

Although it performs relatively well against other developing countries, Paraguay still experiences a malnutrition burden among its under-five population. As of 2016, the national prevalence of under-five overweight is 12.4%, which has increased slightly from 11.3% in 2012. The national prevalence of under-five stunting is 5.6%, which is significantly less than the developing country average of 25%. Paraguay’s under-five wasting prevalence of 1% is also less than the developing country average of 8.9%.

In Paraguay, 29.6% of infants under 6 months are exclusively breastfed, this is well below the South America average of 57.3%. Paraguay’s 2015 low birth weight prevalence of 8.1% has decreased slightly from 8.6% in 2000.

Paraguay’s adult population also face a malnutrition burden. 22.8% of women of reproductive age have anaemia, and 8.3% of adult women have diabetes, compared to 8% of men. Meanwhile, 23.4% of women and 17.1% of men have obesity.


Notes: Data on the adult indicators are based on modelled estimates.

Progress against global nutrition targets 2019


Notes: WRA = Women of a reproductive age; NA = not applicable. The methodologies for tracking differ between targets. Data on the adult indicators are based on modelled estimates.
**Child (under-five) nutrition status**

**Coexistence of wasting, stunting and overweight**

[Image: Circle diagram showing percentages of children experiencing different nutritional statuses.]


Notes: Percentage of children under-five years of age who experience different and overlapping forms of malnutrition.

**Low birth weight**

[Image: Map indicating no data available.]


---

**Prevalence of under-five stunting**

**Stunting at subnational level**

**Stunting at 5km level**

[Images: Maps showing stunting prevalence at subnational and 5km levels.]


Notes: 5 km level map shows prevalence at the 5 x 5-km resolution. Prevalence is the 2017 estimated prevalence, based on a model using a range of surveys between 1998-2018. See source paper for full methods.
Child (under-five) nutrition status over time

Wasting by sex

Stunting by sex

Overweight by sex

Wasting by location

Stunting by location

Overweight by location

Wasting by income

Stunting by income

Overweight by income
Wasting by mother’s education

Stunting by mother’s education

Overweight by mother’s education

Wasting by age

Stunting by age

Overweight by age

Infant and young child feeding over time

Exclusive breastfeeding by sex

Continued breastfeeding at 1 year by sex

Minimum acceptable diet by sex

Intro. to solid, semi-solid, soft foods by sex

Exclusive breastfeeding by location

Continued breastfeeding at 1 year by location

Minimum acceptable diet by location

Intro. to solid, semi-solid, soft foods by location

Exclusive breastfeeding by income

Continued breastfeeding at 1 year by income

Minimum acceptable diet by income

Intro. to solid, semi-solid, soft foods by income

Infant and young child feeding

Child and adolescent (aged 5-19) nutrition status

Underweight by sex

Sources: NCD Risk Factor Collaboration.

Overweight by sex

Obesity by sex

Sources: NCD Risk Factor Collaboration.
Adult nutrition status

Diabetes by sex

Sources: NCD Risk Factor Collaboration.

Overweight by sex

Obesity by sex

Raised blood pressure by sex

Anaemia in WRA

Sodium intake (grams per day)

Sources: NCD Risk Factor Collaboration.

Note: WRA = women of reproductive age.

Sources: WHO Global Health Observatory.

Source: Global Burden of Disease, the Institute for Health Metrics and Evaluation.
## Dietary needs

**Consumption of food groups and components, 2016**

<table>
<thead>
<tr>
<th>Midpoint of TMREL</th>
<th>0%/5g of TMREL</th>
<th>200% of TMREL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium</td>
<td>1.3g</td>
<td></td>
</tr>
<tr>
<td>Fruit</td>
<td>250g</td>
<td></td>
</tr>
<tr>
<td>Legumes</td>
<td>60g</td>
<td></td>
</tr>
<tr>
<td>Milk</td>
<td>482g</td>
<td></td>
</tr>
<tr>
<td>Nuts and seeds</td>
<td>20.5g</td>
<td></td>
</tr>
<tr>
<td>Omega 3</td>
<td>0.3g</td>
<td></td>
</tr>
<tr>
<td>Polyunsaturated fat</td>
<td></td>
<td>1%</td>
</tr>
</tbody>
</table>

**Processed meat**
- 2g

**Red meat**
- 22.5g

**Saturated fat**
- 7%

**Sodium**
- 2g

**Sugar-sweetened beverages**
- 2.5g

**Trans fat**
- 0.5%

**Vegetables**
- 360g

**Whole grain**
- 120g

Sources: Global Burden of Disease, the Institute for Health Metrics and Evaluation.

Notes: TMREL = theoretical minimum risk of exposure level. Men and women aged 25 and older.

## Intervention coverage

<table>
<thead>
<tr>
<th>Coverage/practice indicator</th>
<th>Total (%)</th>
<th>Boy (%)</th>
<th>Girl (%)</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Children 0-59 months with diarrhoea who received zinc treatment</td>
<td>No data</td>
<td>No data</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Children 6-59 months who received vitamin A supplements in last 6 months</td>
<td>No data</td>
<td>No data</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Children 6-59 months given iron supplements in past 7 days</td>
<td>No data</td>
<td>No data</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Women with a live birth in the five years preceding the survey who received iron tablets or syrup during antenatal care</td>
<td>No data</td>
<td>NA</td>
<td>NA</td>
<td>No data</td>
</tr>
<tr>
<td>Household consumption of any iodised salt</td>
<td>No data</td>
<td>NA</td>
<td>NA</td>
<td>No data</td>
</tr>
</tbody>
</table>


Notes: NA = not applicable. Data is compiled using STATcompiler and taken from country Demographic and Health Surveys for 2005-2018.
Determinants

Undernourishment

Source: FAOSTAT 2018.

Food supply

Source: FAOSTAT 2018.

Gender-related determinants

| Early childbearing births by age 18 (%) | No data | No data |
| Gender Inequality Index (score) | 0.47 | 2017 |
| Gender Inequality Index (country rank) | 113 | 2017 |

Sources: 1. UNICEF 2018; 2. UNDP 2018.
Notes: *0 = low inequality, 1 = high inequality.

Female secondary education enrolment (net, % population)


Drinking water coverage (% population)


Sanitation coverage (% population)

Sources: Development Initiatives based on OECD Development Assistance Committee (DAC) Creditor Reporting System (CRS).

Notes: ODA = official development assistance. Amounts based on gross ODA disbursements, constant 2017 prices. Figure includes ODA grants and loans, but excludes other official flows and private grants.
### National policies

<table>
<thead>
<tr>
<th>Policy</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mandatory legislation for salt iodisation</td>
<td>Yes</td>
</tr>
<tr>
<td>Sugar-sweetened beverage tax</td>
<td>Yes</td>
</tr>
<tr>
<td>Food-based dietary guidelines</td>
<td>Yes</td>
</tr>
<tr>
<td>Policy to reduce salt consumption</td>
<td>Yes</td>
</tr>
<tr>
<td>Operational policy, strategy or action plan to reduce unhealthy diet related to NCDs</td>
<td>Yes</td>
</tr>
<tr>
<td>Operational, multisectoral national NCD policy, strategy or action plan</td>
<td>Yes</td>
</tr>
<tr>
<td>Operational policy, strategy or action plan for diabetes</td>
<td>Yes</td>
</tr>
<tr>
<td>Policy to reduce the impact on children of marketing of foods and beverages high in saturated fats, trans-fatty acids, free sugars or salt</td>
<td>No</td>
</tr>
<tr>
<td>Policy to limit saturated fatty acids and virtually eliminate industrially produced trans-fats</td>
<td>No</td>
</tr>
</tbody>
</table>


Notes: NA = not applicable; NCD = non-communicable disease.
<table>
<thead>
<tr>
<th>Target</th>
<th>Yes</th>
<th>No</th>
<th>Yes</th>
<th>Yes</th>
<th>Yes</th>
<th>Yes</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stunting</td>
<td>Yes</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low birth weight</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anaemia</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Child overweight</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exclusive breastfeeding</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wasting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salt intake</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overweight adults and adolescents</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multisectoral comprehensive nutrition plan</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Economics and demography

Poverty rates (%) and GDP (PPP$)

Notes: PPP = purchasing power parity.

Under-five mortality (per 1,000 live births)

Source: UN Inter-agency Group for Child Mortality Estimation 2018.

Government revenues ($m)

Sources: IMF Article IV staff reports (country specific) and IMF World Economic Outlook Database (April 2019).

Income inequality

<table>
<thead>
<tr>
<th>Year</th>
<th>Gini index score</th>
<th>Gini index rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>49</td>
<td>144</td>
</tr>
</tbody>
</table>

Sources: World Bank 2019.
Notes: $0 = perfect equality, 100 = perfect inequality. Countries are ranked from most equal (1) to most unequal (159).

Population

<table>
<thead>
<tr>
<th>Year</th>
<th>Population (thousands)</th>
<th>Under-five population (thousands)</th>
<th>Rural (%)</th>
<th>&gt;65 years (thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>6,956</td>
<td>698</td>
<td>38</td>
<td>466</td>
</tr>
</tbody>
</table>

Sources: World Bank 2019, UN Population Division Department of Economic and Social Affairs 2019.

Population density of health workers per 1,000 people

<table>
<thead>
<tr>
<th>Health workers</th>
<th>Physicians</th>
<th>Nurses and midwives</th>
<th>Community health workers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>1.29</td>
<td>1.05</td>
<td>No data</td>
</tr>
</tbody>
</table>

Sources: WHO’s Global Health Workforce Statistics, OECD, supplemented by country data.