Country overview

Malnutrition burden

The Democratic People’s Republic of Korea is on course to meet the global targets for under-five stunting, under-five wasting, infant exclusive breastfeeding, and female diabetes, but is off course to meet the targets for under-five overweight, anaemia in women of reproductive age, male diabetes, male obesity, and female obesity. There is insufficient target data to assess the Democratic People’s Republic of Korea’s progress for low birth weight.

Although it performs well against other developing countries, the Democratic People’s Republic of Korea still experiences a malnutrition burden among its under-five population. As of 2017, the national prevalence of under-five overweight is 2.3%, which has increased slightly from 0% in 2009. The national prevalence of under-five stunting is 19.1%, which is less than the developing country average of 25%. The Democratic People’s Republic of Korea’s under-five wasting prevalence of 2.5% is also less than the developing country average of 8.9%.

In the Democratic People’s Republic of Korea, 71.4% of infants under 6 months are exclusively breastfed, this is well above the Eastern Asia average of 22%. There is insufficient data on low birth weight.

The Democratic People’s Republic of Korea’s adult population also face a malnutrition burden. 32.5% of women of reproductive age have anaemia, and 5.9% of adult women have diabetes, compared to 5.8% of men. Meanwhile, 7.3% of women and 6.1% of men have obesity.


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

Progress against global nutrition targets 2019

<table>
<thead>
<tr>
<th>Target</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under-five stunting</td>
<td>On course</td>
</tr>
<tr>
<td>Under-five wasting</td>
<td>On course</td>
</tr>
<tr>
<td>Under-five overweight</td>
<td>No progress or worsening</td>
</tr>
<tr>
<td>Low birthweight</td>
<td>No data</td>
</tr>
<tr>
<td>Exclusive breastfeeding</td>
<td>On course</td>
</tr>
<tr>
<td>Adult female obesity</td>
<td>No progress or worsening</td>
</tr>
<tr>
<td>Adult male obesity</td>
<td>No progress or worsening</td>
</tr>
<tr>
<td>WRA anaemia</td>
<td>No progress or worsening</td>
</tr>
<tr>
<td>Adult female diabetes</td>
<td>On course</td>
</tr>
<tr>
<td>Adult male diabetes</td>
<td>No progress or worsening</td>
</tr>
</tbody>
</table>


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


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

Low birth weight

No data


Prevalence of under-five stunting

Stunting at subnational level

Stunting at 5km level

No data

No data


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
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
Exclusive breastfeeding by mother’s education

Continued breastfeeding at 1 year by mother’s education

Minimum acceptable diet by mother’s education

Intro. to solid, semi-solid, soft foods by mother’s education

Exclusive breastfeeding by age

Continued breastfeeding at 1 year by age

Minimum acceptable diet by age

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


Infant and young child feeding

Wealth quintiles (%)

Urban/rural (%)

Child and adolescent (aged 5-19) nutrition status

Underweight by sex

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**

Sources: NCD Risk Factor Collaboration.

**Anaemia in WRA**

Source: WHO Global Health Observatory.

Notes: WRA = women of reproductive age.

**Sodium intake (grams per day)**

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

Consumption of food groups and components, 2016

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

- **Availability of fruit and vegetables (grams):**
  - 2000: 851
  - 2004: 579
  - 2008: 545
  - 2012: 503
  - 2016: 499

- **% of total calories from non-staples:**
  - 2000: 32
  - 2003: 33
  - 2006: 32
  - 2009: 32
  - 2012: 32

Source: FAOSTAT 2018.

### Gender-related determinants

- **Early childbearing births by age 18 (%):**
  - No data

- **Gender Inequality Index (score):**
  - No data

- **Gender Inequality Index (country rank):**
  - No data

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)

Resources, policies and targets

Development assistance

- Basic nutrition ODA received
- % of total ODA

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.
<table>
<thead>
<tr>
<th>National policies</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mandatory legislation for salt iodisation</td>
<td>No</td>
</tr>
<tr>
<td>Sugar-sweetened beverage tax</td>
<td>No</td>
</tr>
<tr>
<td>Food-based dietary guidelines</td>
<td>No data</td>
</tr>
<tr>
<td>Policy to reduce salt consumption</td>
<td>No</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>Don’t know</td>
</tr>
<tr>
<td>Policy to limit saturated fatty acids and virtually eliminate industrially produced trans-fats</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>


Notes: NA = not applicable; NCD = non-communicable disease.
## Targets included in national (nutrition or other) plan

<table>
<thead>
<tr>
<th>Stunting</th>
<th>Anaemia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Low birth weight</td>
<td>Child overweight</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Exclusive breastfeeding</td>
<td>Wasting</td>
</tr>
<tr>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Salt intake</td>
<td>Overweight adults and adolescents</td>
</tr>
<tr>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Multisectoral comprehensive nutrition plan</td>
<td></td>
</tr>
<tr>
<td>Yes</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>Gini index score</th>
<th>Gini index rank</th>
<th>Year</th>
<th>No data</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data</td>
<td>No data</td>
<td>No data</td>
<td></td>
</tr>
</tbody>
</table>

Sources: World Bank 2019.
Notes: 1 0 = perfect equality, 100 = perfect inequality. 2 Countries are ranked from most equal (1) to most unequal (159).

Population

Population (thousands) 25,550 2018
Under-five population (thousands) 1,743 2019
Rural (%) 38 2018
>65 years (thousands) 2,376 2019

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>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physicians</td>
<td>3.51 2014</td>
</tr>
<tr>
<td>Nurses and midwives</td>
<td>4.09 2011</td>
</tr>
<tr>
<td>Community health workers</td>
<td>No data No data</td>
</tr>
</tbody>
</table>

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

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