

## Overview

### Nutritional information

**Madagascar is off course to meet the global targets for all indicators analysed with adequate data. There is insufficient target data to assess Madagascar's progress for under-five overweight, under-five wasting, and infant exclusive breastfeeding.**

Although it performs relatively well against other developing countries, Madagascar still experiences a malnutrition burden among its under-five population. As of 2013, the national prevalence of under-five overweight is 1.1%, which has decreased from 6.2% in 2004. The national prevalence of under-five stunting is 48.9%, which is significantly greater than the developing country average of 25%. Conversely, Madagascar's under-five wasting prevalence of 7.9% is less than the developing country average of 8.9%.

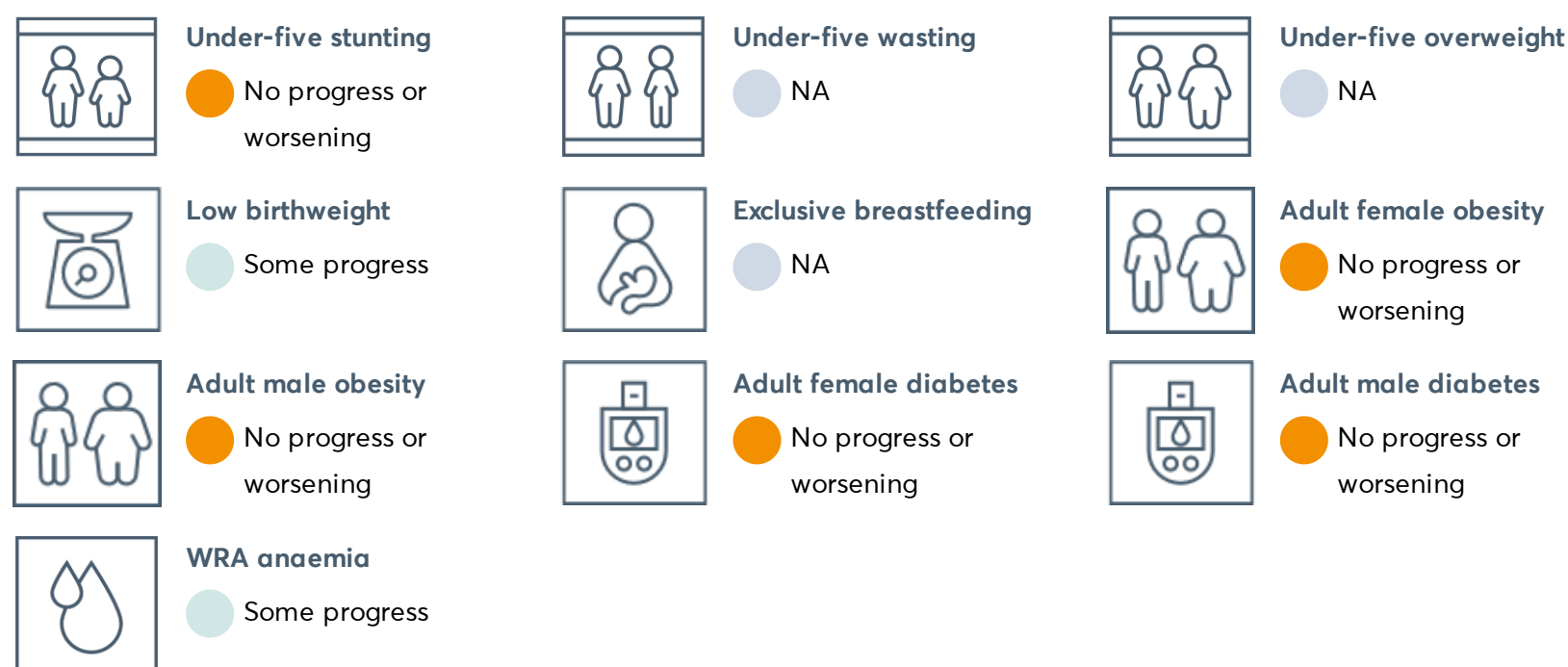
41.9% of infants under 23 months are exclusively breastfed, this is well below the Eastern Africa average of 52.4%. Madagascar's 2015 low birth weight prevalence of 17.1% has decreased slightly from 17.2% in 2014.

Madagascar's adult population also face malnutrition burdens. While there is no prevalence data available for anaemia among women of reproductive age, 6.3% of adult men suffer from diabetes, compared to 4.8% of women. Meanwhile, 7.5% of women and 3% of men suffer from obesity.

Sources: UNICEF/WHO/World Bank Group: Joint child malnutrition estimates, NCD Risk Factor Collaboration, WHO Global Health Observatory.

Notes: Thresholds for a country having the form or not: stunting in children aged under-five years >20%; anaemia in women of reproductive age >20%; overweight (body mass index >25) in adult women aged >18 years >35%.

### Progress against global nutrition targets 2018

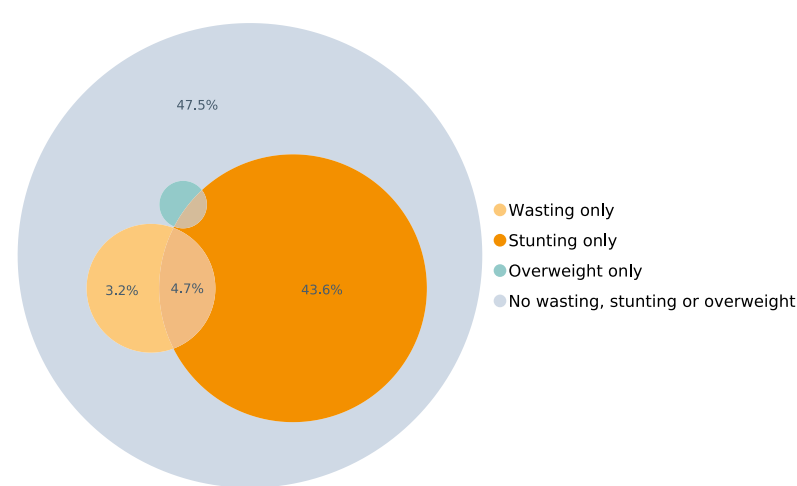


Sources: UNICEF/WHO/World Bank Group: Joint child malnutrition estimates, NCD Risk Factor Collaboration, WHO Global Health Observatory.

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.

# Infant and child (under-five) status

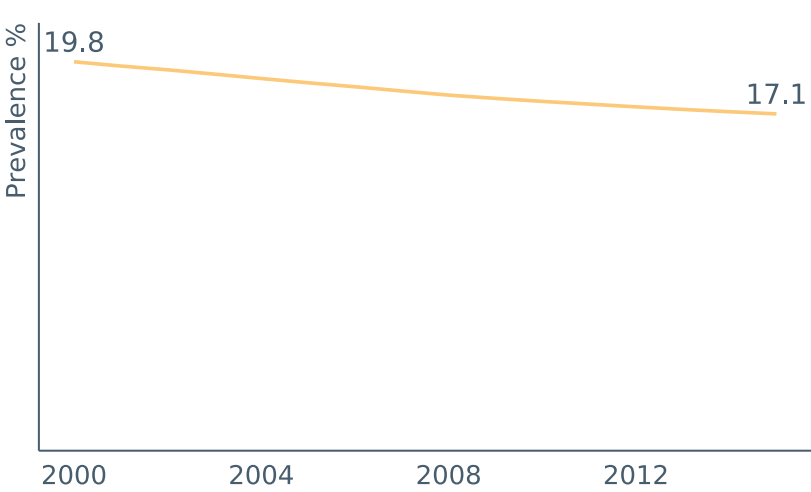
## Under-five coexistence of wasting, stunting and overweight



Sources: UNICEF, Division of Data Research and Policy (2019). UNICEF Global Databases: Overlapping Stunting, Wasting and Overweight, January 2019, New York.

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

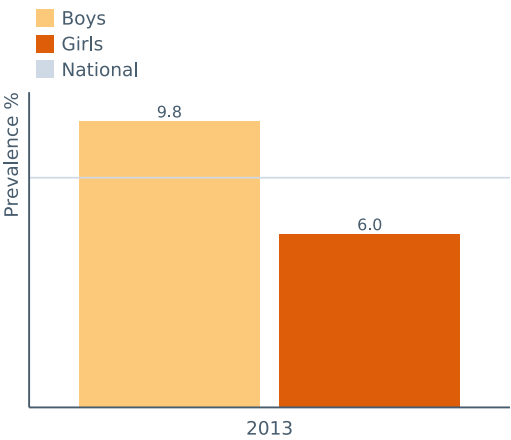
## Low birth weight (%)



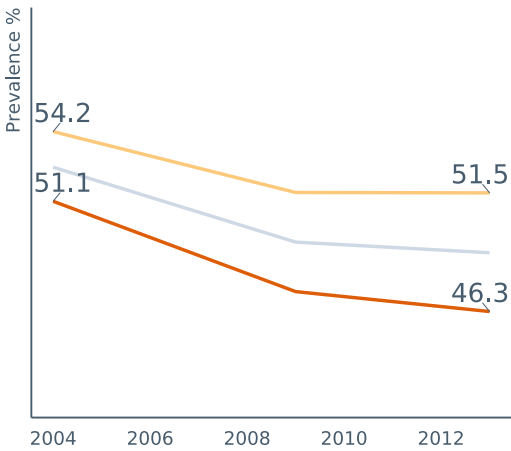
Source: UNICEF/WHO Low birthweight estimates, 2019 edition.

# Children (under-five) nutrition status

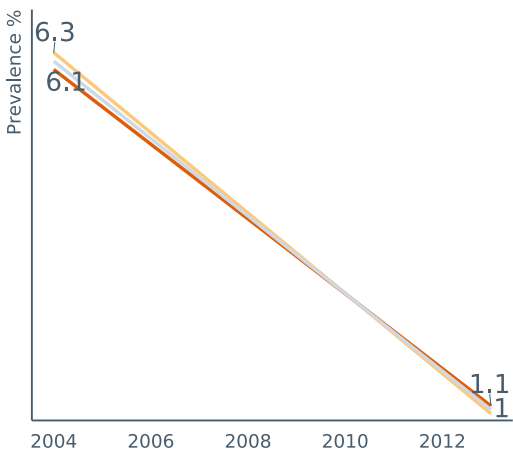
Wasting by gender (%)



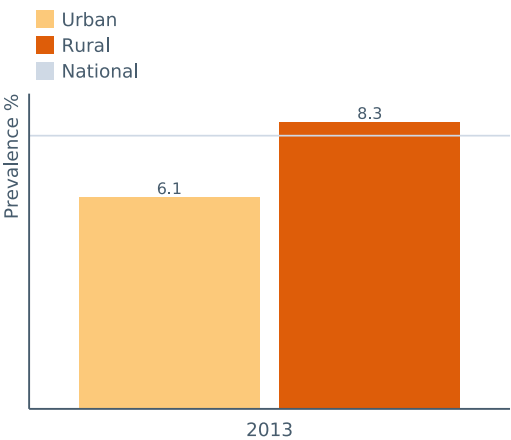
Stunting by gender (%)



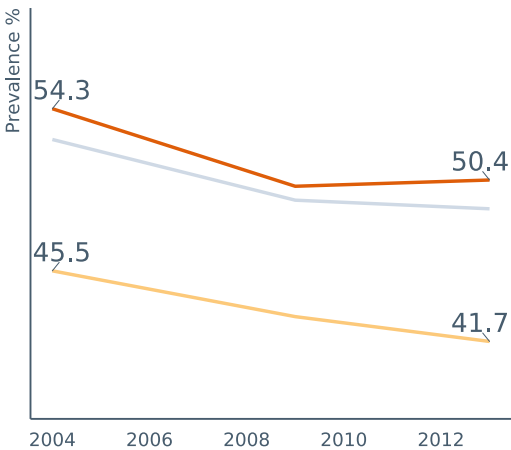
Overweight by gender (%)



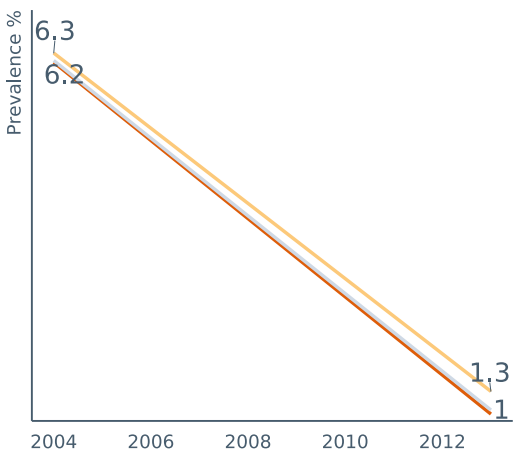
Wasting by location (%)



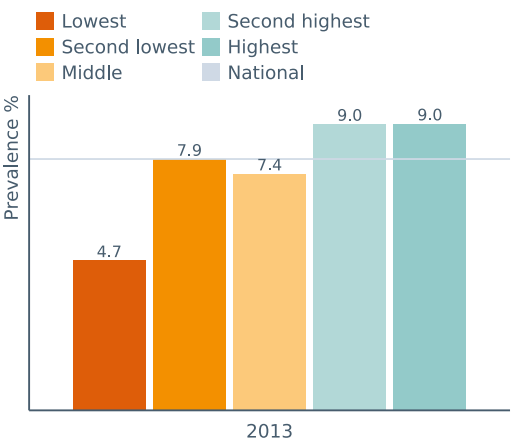
Stunting by location (%)



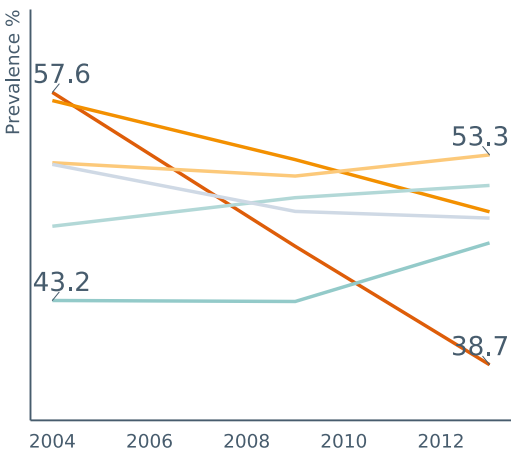
Overweight by location (%)



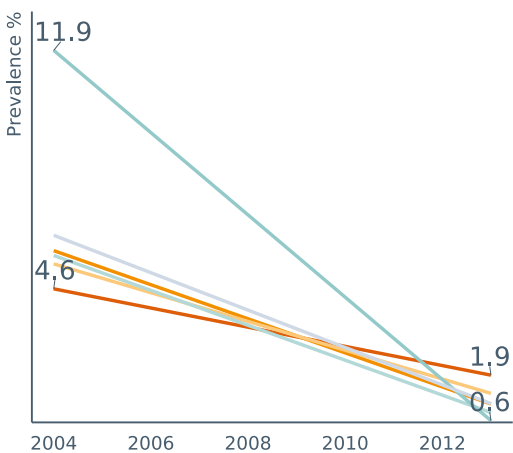
Wasting by income (%)



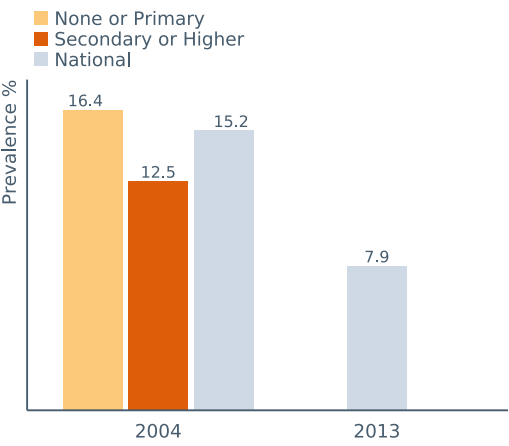
Stunting by income (%)



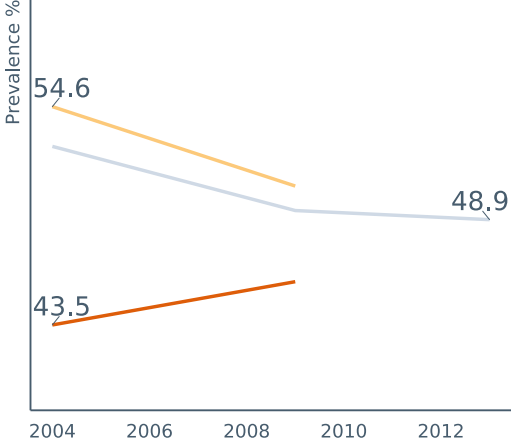
Overweight by income (%)



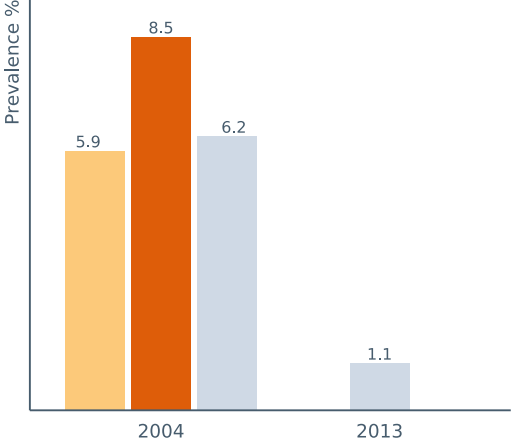
Wasting by education (%)



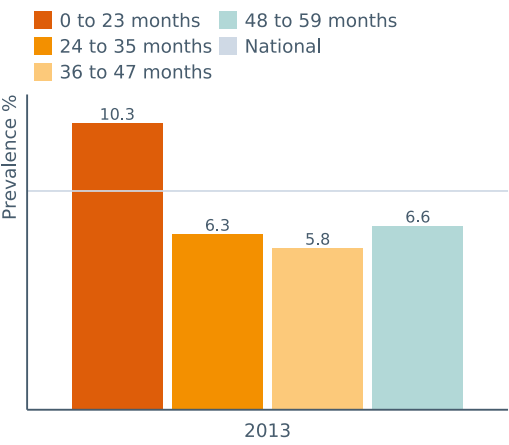
Stunting by education (%)



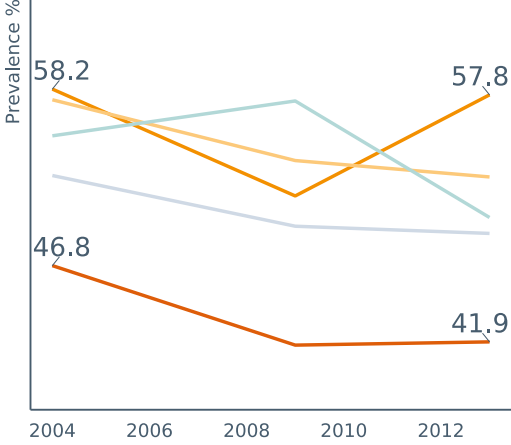
Overweight by education (%)



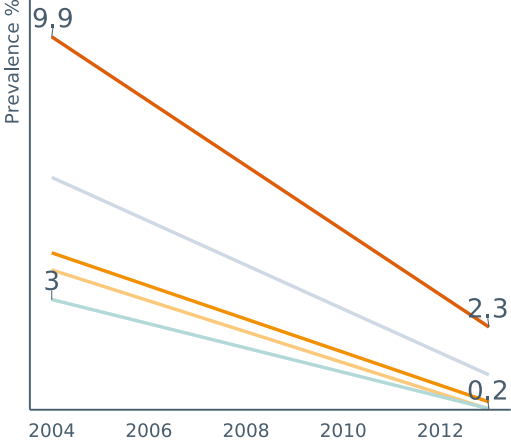
Wasting by age (%)



Stunting by age (%)



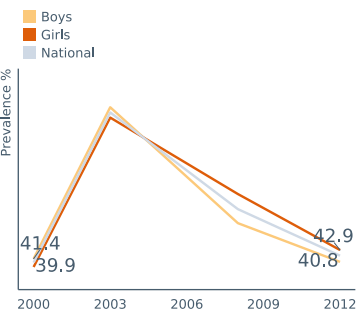
Overweight by age (%)



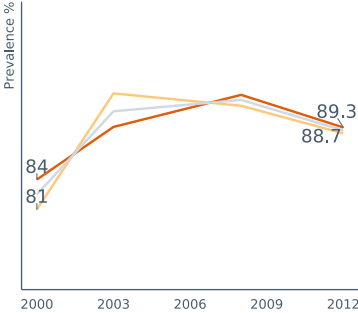
Sources: UNICEF/WHO/World Bank Group: Joint child malnutrition estimates.

# Infant and child (under-five) feeding over time

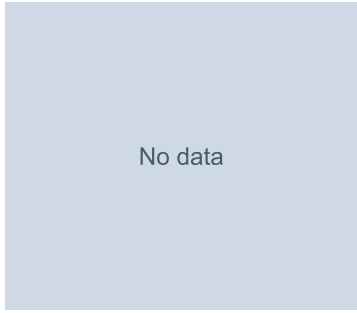
Exclusive breastfeeding by gender



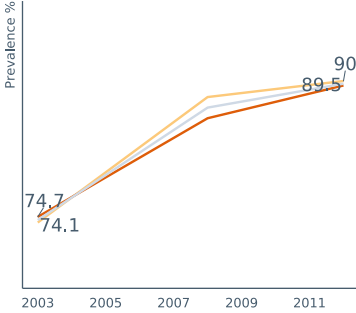
Continued breastfeeding at 1 year by gender



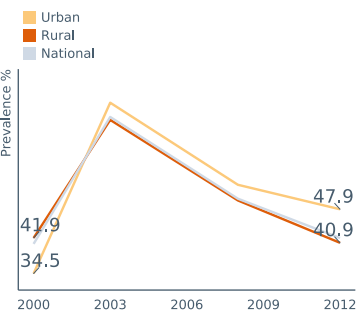
Minimum acceptable diet by gender



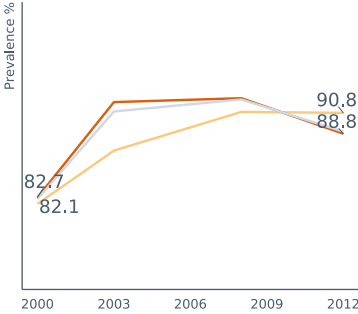
Introduction to solid, semi-solid or soft foods by gender



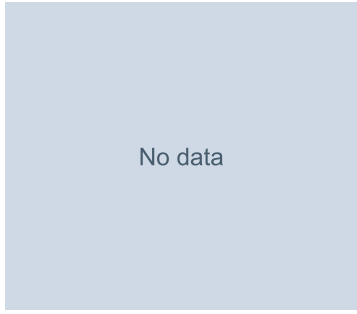
Exclusive breastfeeding by location



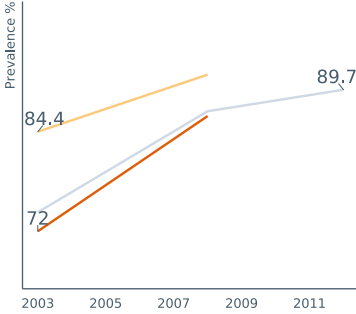
Continued breastfeeding at 1 year by location



Minimum acceptable diet by location



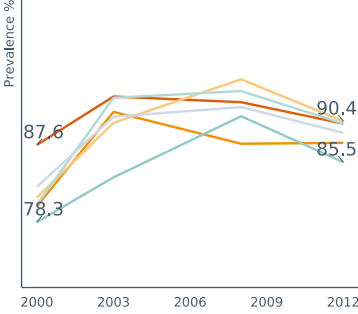
Introduction to solid, semi-solid or soft foods by location



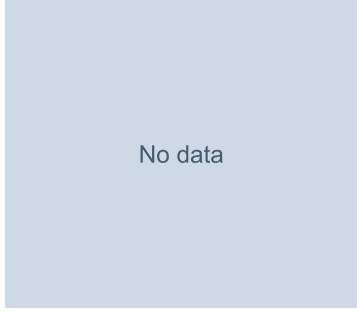
Exclusive breastfeeding by income



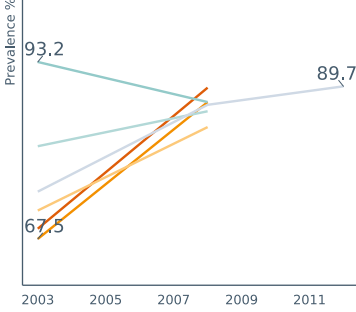
Continued breastfeeding at 1 year by income



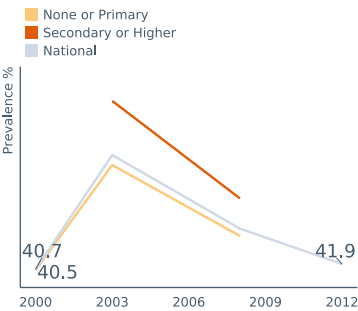
Minimum acceptable diet by income



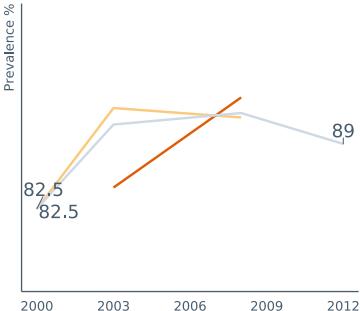
Introduction to solid, semi-solid or soft foods by income



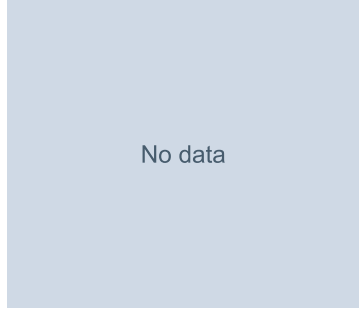
Exclusive breastfeeding by mother's education



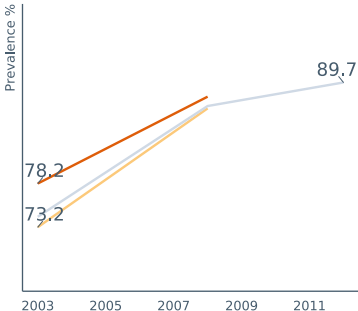
Continued breastfeeding at 1 year by mother's education



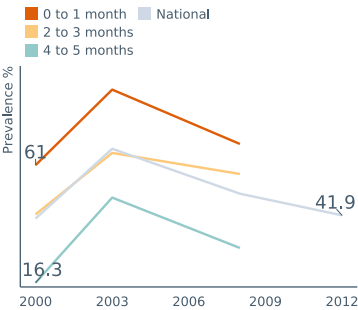
Minimum acceptable diet by mother's education



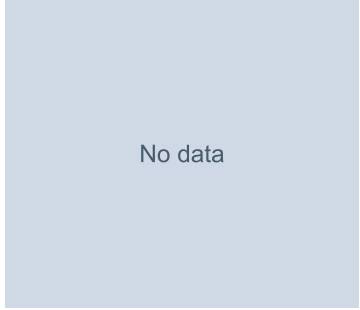
Introduction to solid, semi-solid or soft foods by mother's education



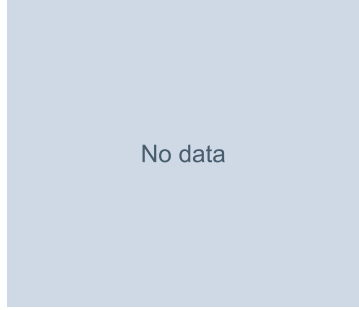
Exclusive breastfeeding by age



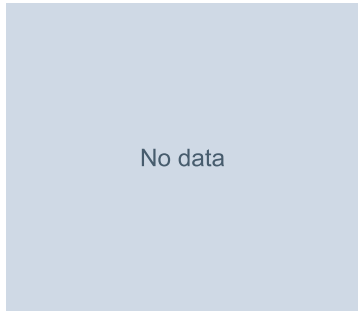
Continued breastfeeding at 1 year by age



Minimum acceptable diet by age

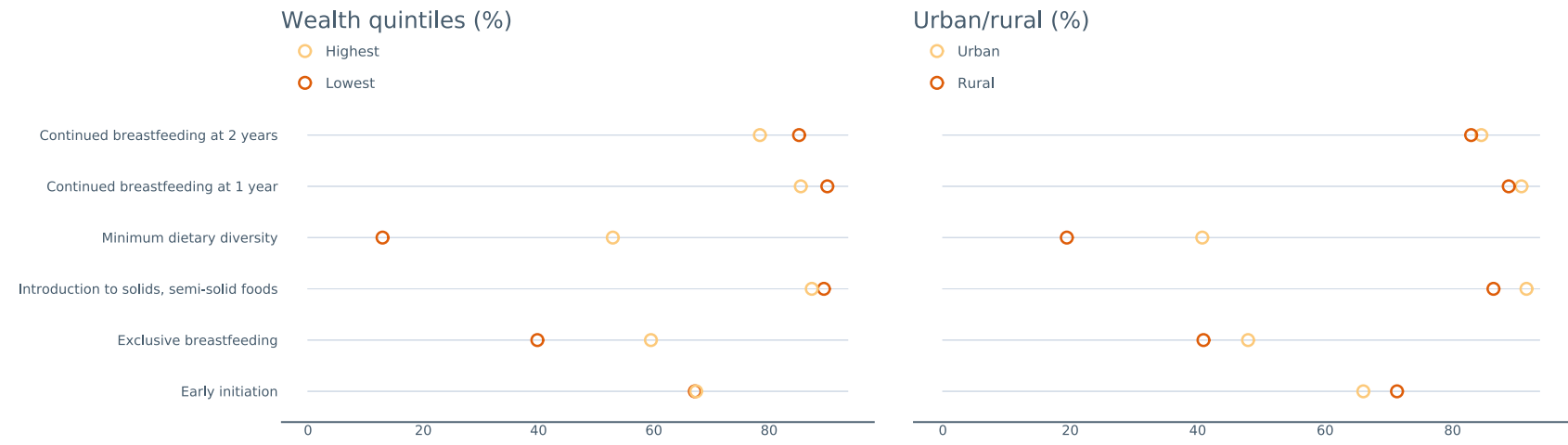


Introduction to solid, semi-solid or soft foods by age



Sources: UNICEF, Division of Data Research and Policy (2019). Global UNICEF Global Databases: Infant and Young Child Feeding: Exclusive breastfeeding, Predominant breastfeeding, New York, May 2019.

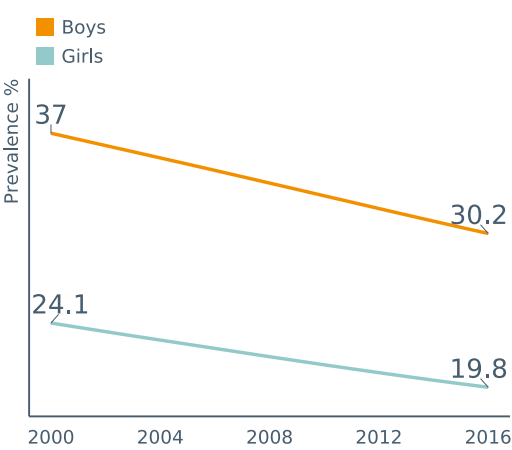
Infant and young child feeding



Sources: UNICEF, Division of Data Research and Policy (2019). Global UNICEF Global Databases: Infant and Young Child Feeding: Exclusive breastfeeding, Predominant breastfeeding, New York, May 2019.

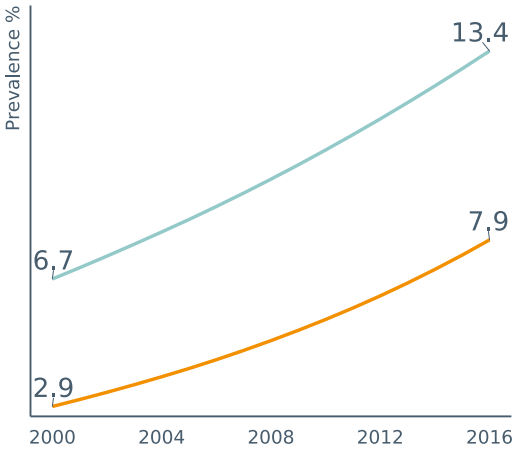
# Children and adolescent (aged 5-19) nutrition status

Ages 5-19 by gender:  
underweight (%)

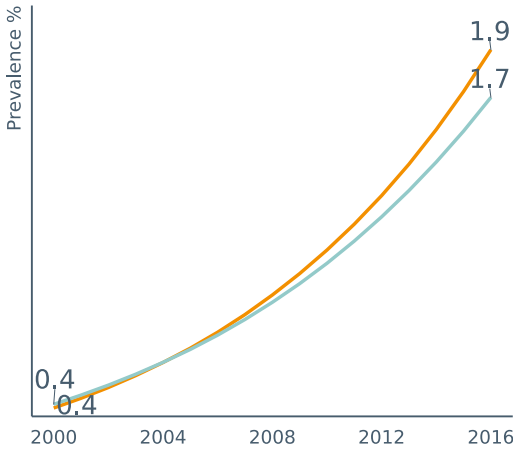


Sources: NCD Risk Factor  
Collaboration.

Ages 5-19 by gender:  
overweight (%)

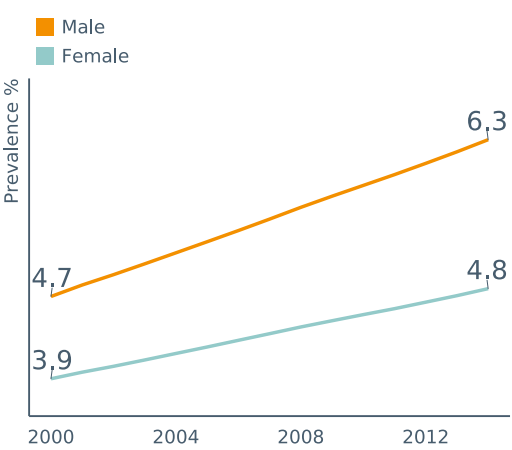


Ages 5-19 by gender:  
obesity (%)



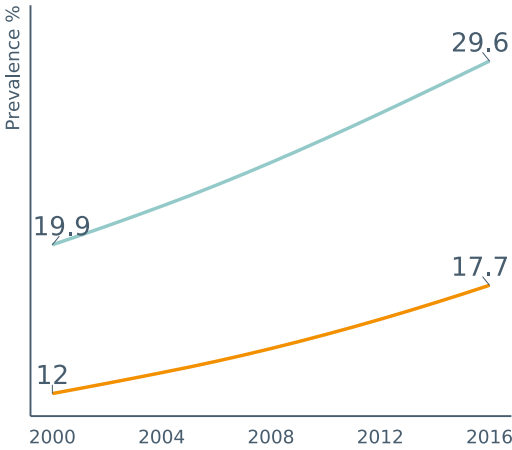
## Adult nutrition status

Adult by gender:  
diabetes (%)

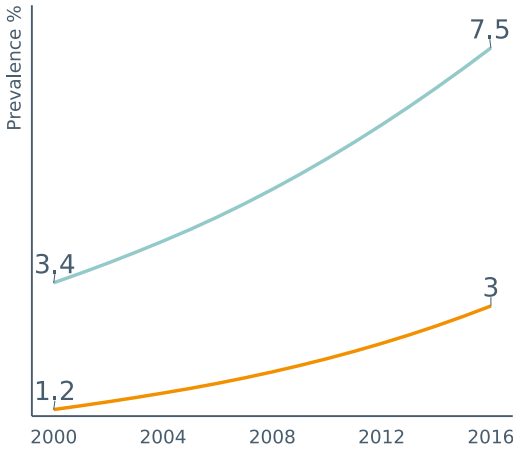


Sources: NCD Risk Factor  
Collaboration.

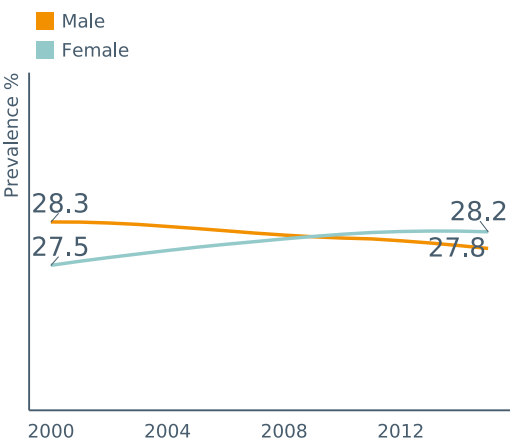
Adult by gender:  
overweight (%)



Adult by gender: obesity  
(%)

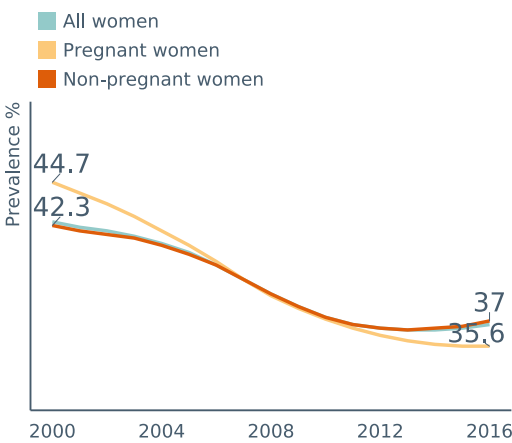


## Adult by gender: raised blood pressure (%)



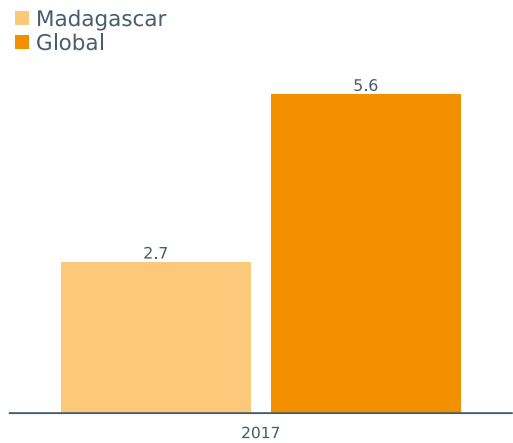
Sources: NCD Risk Factor Collaboration.

## Adult: anaemia in WRA (%)



Source: WHO Global Health Observatory.  
Notes: WRA = women of reproductive age.

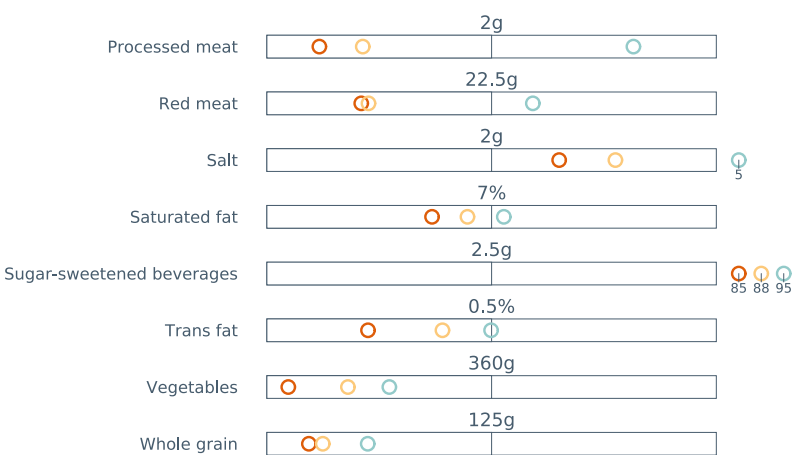
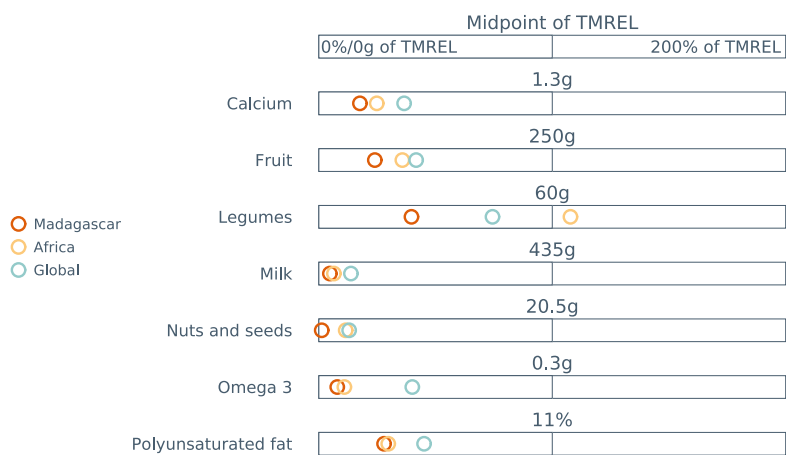
## Adult: sodium intake (grams per day)



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

# Dietary needs

## Consumption of food groups and components, 2016



Sources: TMREL = theoretical minimum risk of exposure level. Global Burden of Disease, the Institute for Health Metrics and Evaluation.

Notes: Men and women aged 25 and older.

# Intervention coverage

| Coverage/practice indicator                                      | Total (%) | Boy (%) | Girl (%) | Year |
|--|-----------|---------|----------|------|
| Children 0-59 months with diarrhoea who received zinc treatment  | 1         | 2       | 0        | 2008 |
| Children 6-59 months who received A supplements in last 6 months | 72        | 72      | 73       | 2008 |



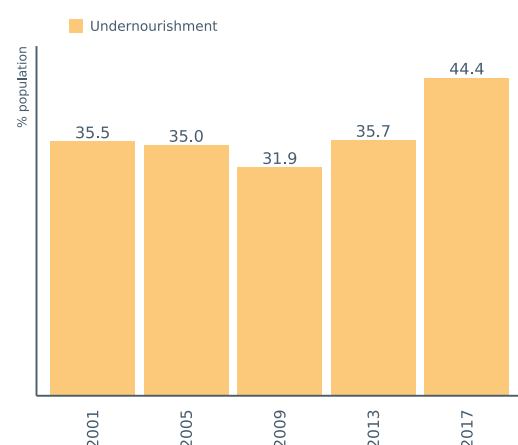
| Coverage/practice indicator   | Total (%) | Boy (%) | Girl (%) | Year |
|---|-----------|---------|----------|------|
| Children 6-59 months given iron supplements in past 7 days  | 4         | 4       | 4        | 2008 |
| Women with a live birth in the five years preceding the survey who received iron tablets or syrup during antenatal care | 59        |         |          | 2008 |
| Household consumption of any iodised salt   | 71        | NA      | NA       | 2008 |

Sources: Huestis A. and Kothari M., based on *2016 Global Nutrition Report* and UNICEF global databases, 2019.

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

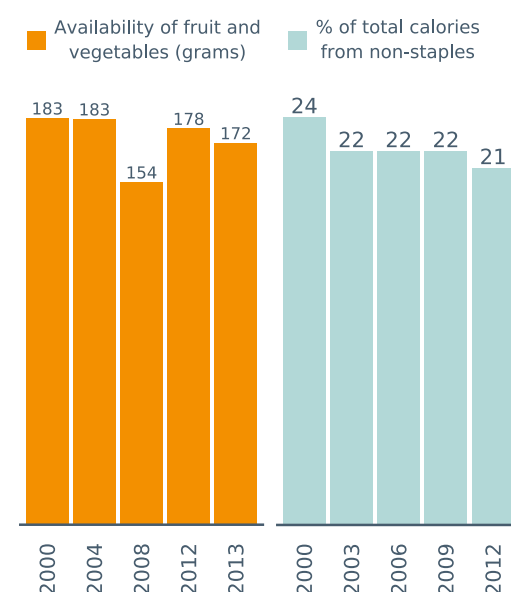
## Determinants

### Undernourishment (% population)



Source: FAOSTAT 2018.

### Food supply



Source: FAOSTAT 2018.

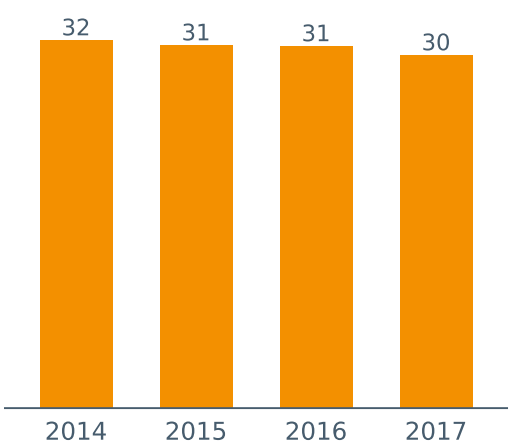
### Gender-related determinants

|  |    |      |
|--|----|------|
| Early childbearing: births by age 18 (%) <sup>1</sup>      | 36 | 2013 |
| Gender Inequality Index (score <sup>*</sup> ) <sup>2</sup> | NA | NA   |
| Gender Inequality Index (country rank) <sup>2</sup>        | NA | NA   |

Sources: <sup>1</sup> UNICEF 2018; <sup>2</sup> UNDP 2018.

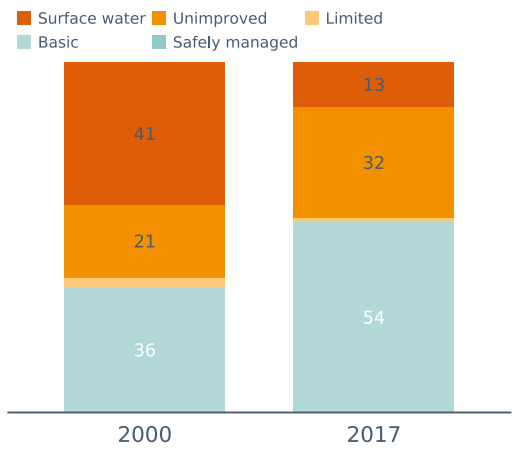
Notes: \* 0 = low inequality, 1 = high inequality.

## Female secondary education enrolment (net, % population)



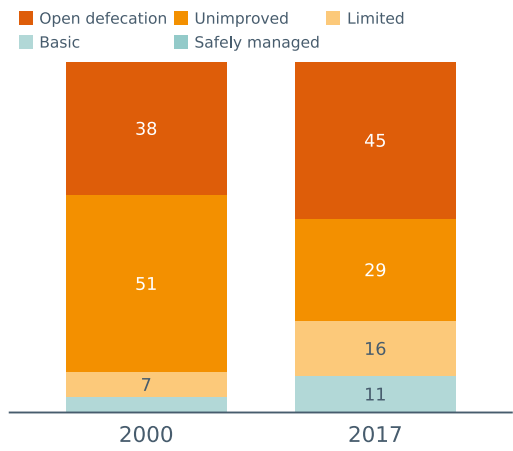
Source: UNESCO Institute for Statistics 2018.

## Drinking water coverage (% population)



Source: WHO/UNICEF Joint Monitoring Programme 2019.

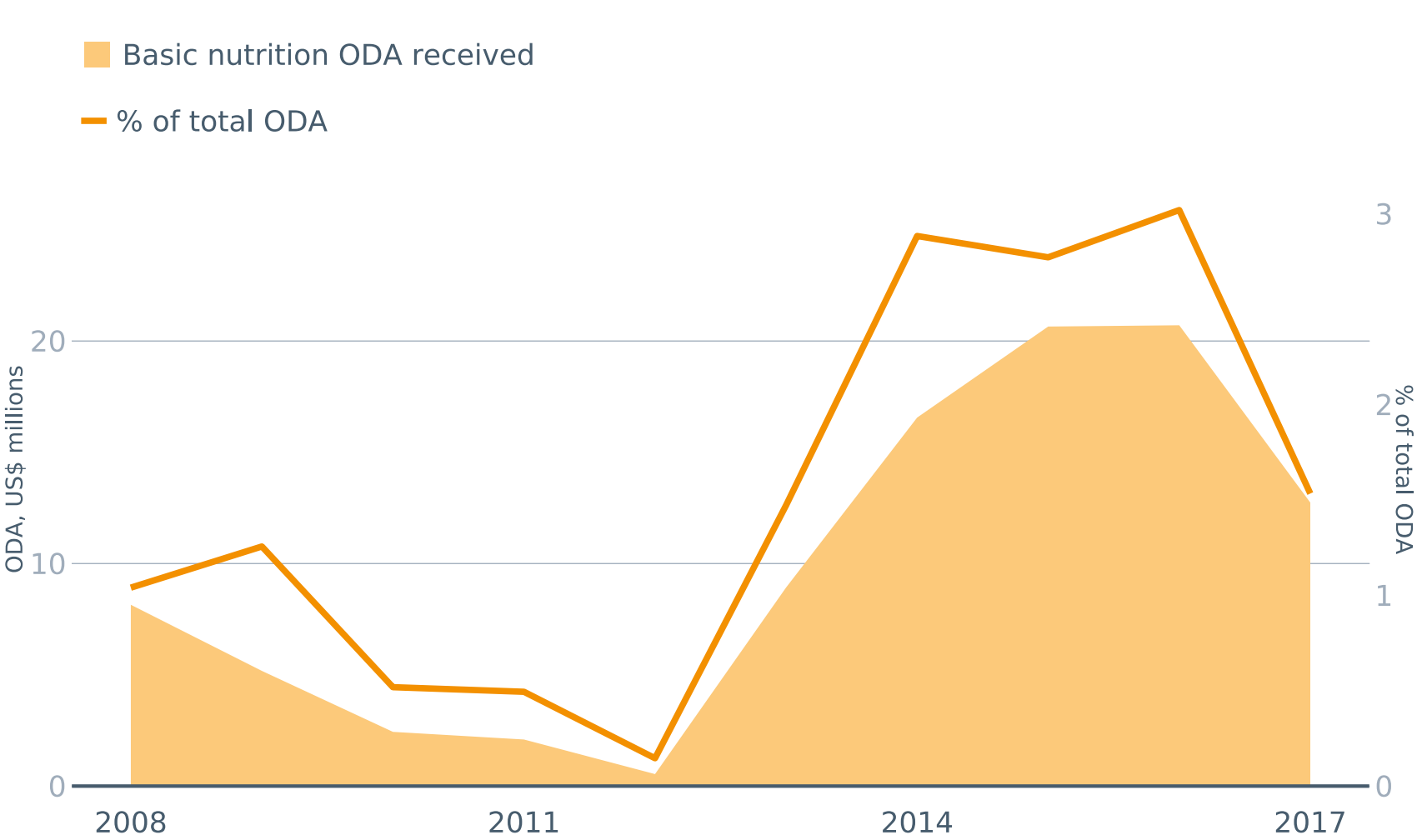
## Sanitation coverage (% population)



Source: WHO/UNICEF Joint Monitoring Programme 2019.

# Resources, policies and targets

## Development assistance



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 exlcudes other official flows and private grants.

## National policies

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

Sources: Global Fortification Data Exchange 2018; Sugar-sweetened data prepared using data from the NOURISHING database, academic references and market reports; FAO 2018; WHO Global database on the Implementation of Nutrition Action (GINA), 2nd Global Nutrition Policy Review, WHO Global Health Observatory.

Notes: Add note: NA = not applicable; NCD = non-communicable disease.

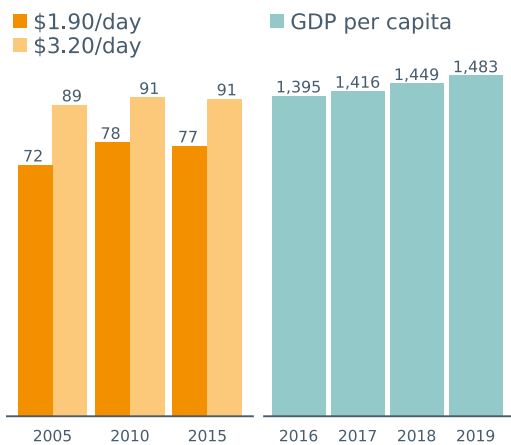
Targets included in national (nutrition or other) plan

| Stunting                                   | Anaemia                           |
|--|-----------------------------------|
| Yes  | Yes                               |
| Low birth weight                           | Child overweight                  |
| Yes  | Yes                               |
| Exclusive breastfeeding                    | Wasting                           |
| Yes  | Yes                               |
| Salt intake                                | Overweight adults and adolescents |
| No   | Yes                               |
| Multisectoral comprehensive nutrition plan |                                   |
| Yes  |                                   |

Sources: WHO Global database on the Implementation of Nutrition Action (GINA), 2nd Global Nutrition Policy Review.

Economics and demography

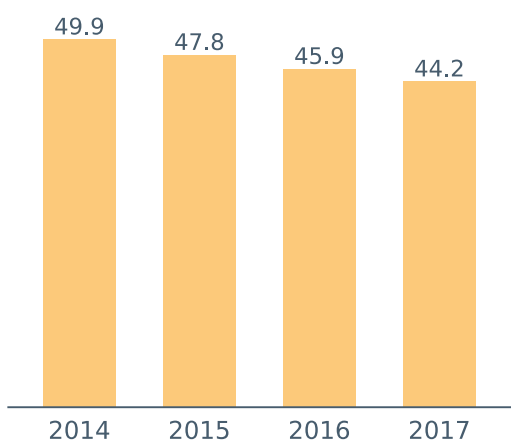
Poverty rates (%) and GDP (PPP\$)



Sources: World Bank 2019, IMF World Economic Outlook Database 2019.

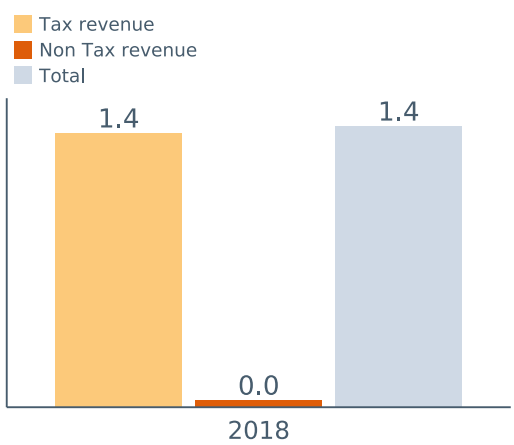
Notes: PPP = purchasing power parity.

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

| Gini index score <sup>1</sup> | Gini index rank <sup>2</sup> | Year |
|-------------------------------|------------------------------|------|
| 43                            | 117                          | 2012 |

Sources: World Bank 2019.

Notes: <sup>1</sup> 0 = perfect equality, 100 = perfect inequality.<sup>2</sup> Countries are ranked from most equal (1) to most unequal (120).

## Population

|                             |            |      |
|-----------------------------|------------|------|
| Population (000)            | 26,262,368 | 2018 |
| Under-five population (000) | 4,023      | 2019 |
| Rural (%)                   | 63         | 2018 |
| >65 years (000)             | 821        | 2019 |

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

## Population density of health workers per 1,000 people

|                          |      |      |
|--------------------------|------|------|
| Physicians               | 0.14 | 2012 |
| Nurses and midwives      | 0.22 | 2012 |
| Community health workers | NA   | NA   |

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