Singapore

Country overview

Malnutrition burden

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

Although it performs well against other countries, Singapore still experiences a malnutrition burden among its under-five population. As of 2000, the national prevalence of under-five overweight is 2.6%. The national prevalence of under-five stunting is 4.4%, which is significantly less than the global average of 21.9%. Singapore's under-five wasting prevalence of 3.6% is also less than the global average of 7.3%.

There is insufficient data on exclusive breastfeeding among infants. Singapore's 2015 low birth weight prevalence of 9.6% has decreased slightly from 9.8% in 2000.

Singapore's adult population also face a malnutrition burden. 22.2% of women of reproductive age have anaemia, and 9.4% of adult men have diabetes, compared to 6.5% of women. Meanwhile, 6.3% of women and 5.8% of men have obesity.

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

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

Progress against global nutrition targets 2018

Under-five stunting

No data

Under-five wasting

No data

Under-five overweight

No data

Low birthweight

No progress or worsening

Exclusive breastfeeding

No data

Adult female obesity

No progress or worsening

Adult male obesity

No progress or worsening

Adult female diabetes

On course

Adult male diabetes

On course

WRA anaemia

No progress or worsening

Sources: UNICEF global databases Infant and Young Child Feeding, UNICEF/WHO/World Bank Group: Joint child malnutrition estimates, NCD Risk Factor Collaboration, WHO Global Health Observatory and Global Burden of Disease, the Institute for Health Metrics and Evaluation.

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

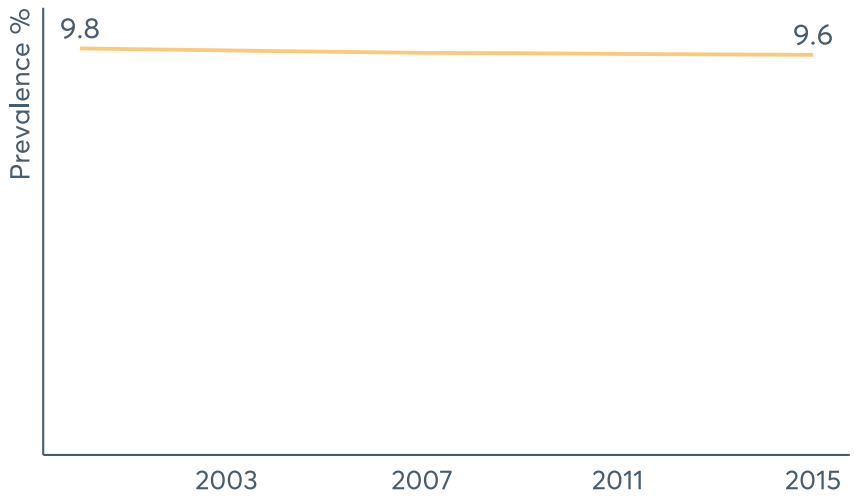
Coexistence of wasting, stunting and overweight

No data

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.

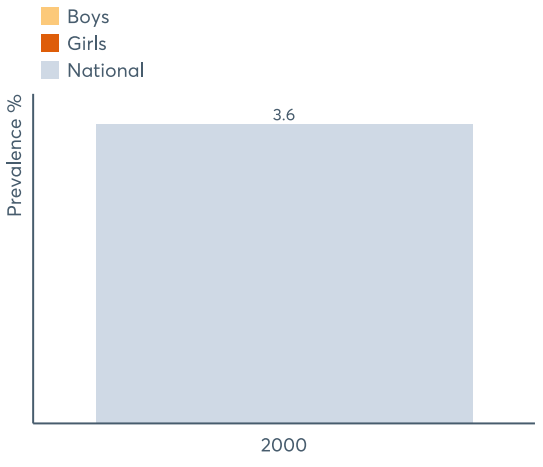
Low birth weight



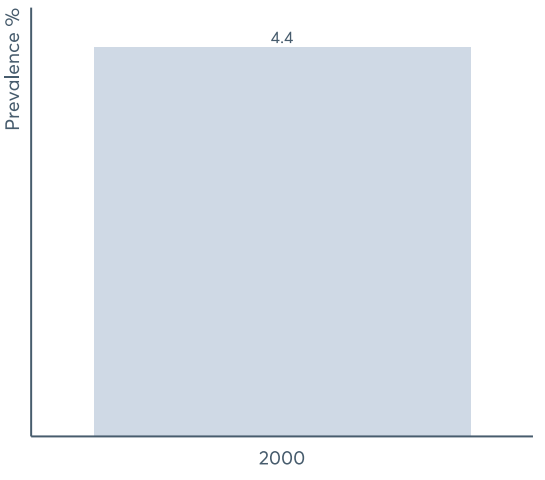
Source: UNICEF/WHO Low birthweight estimates, 2019 edition.

Child (under-five) nutrition status over time

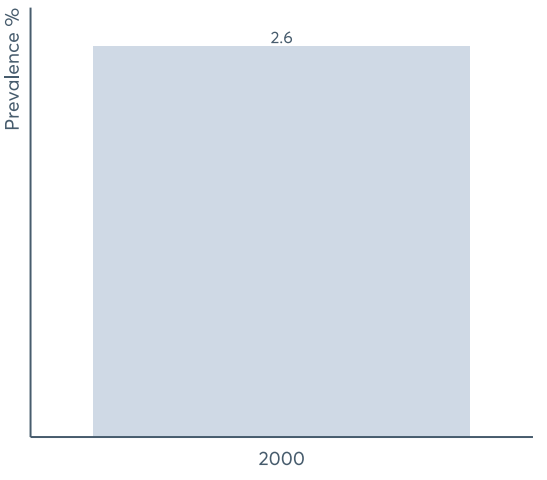
Wasting by gender



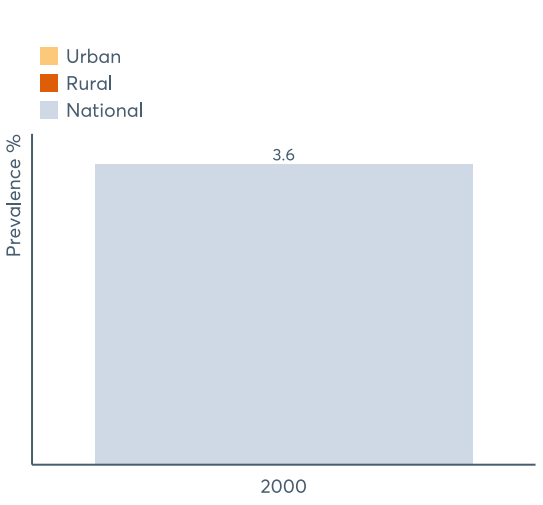
Stunting by gender



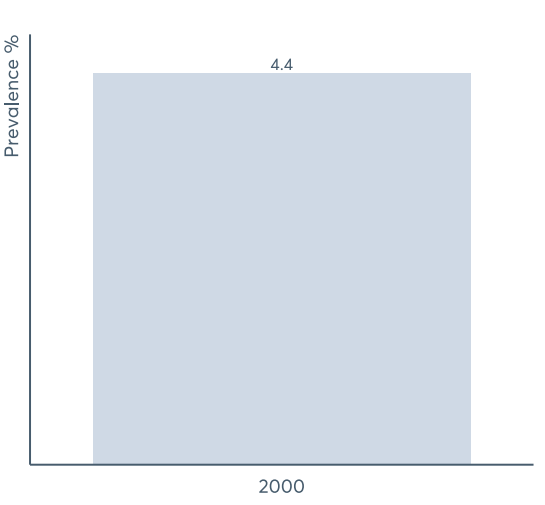
Overweight by gender



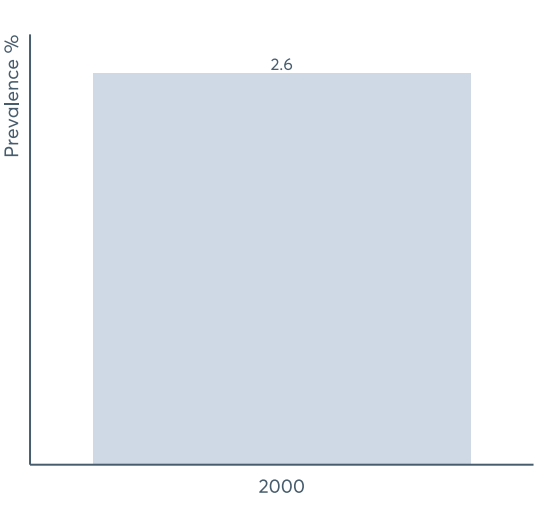
Wasting by location



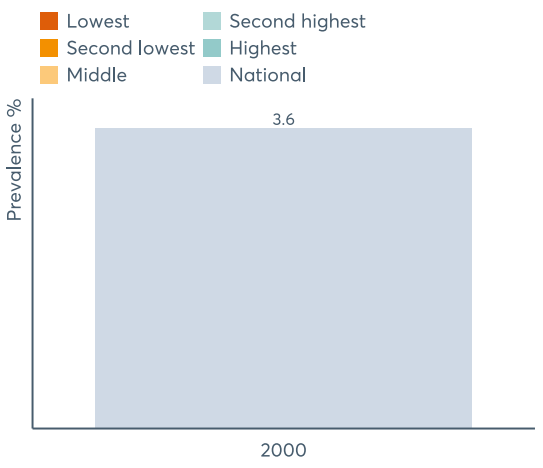
Stunting by location



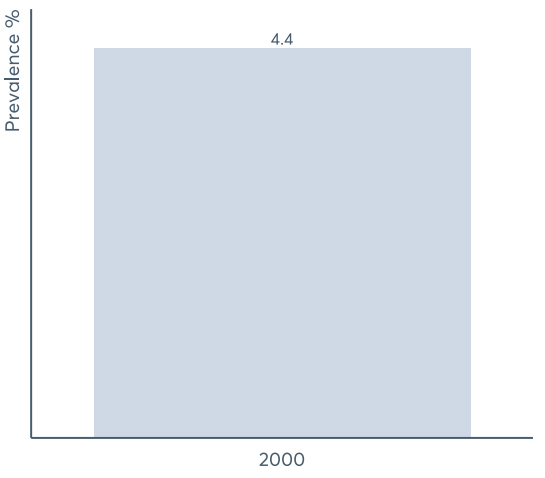
Overweight by location



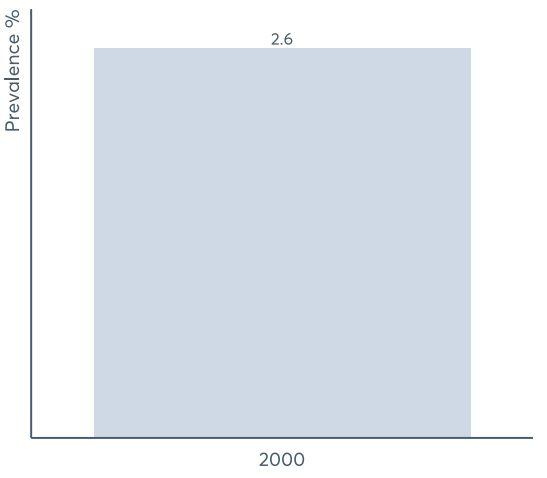
Wasting by income



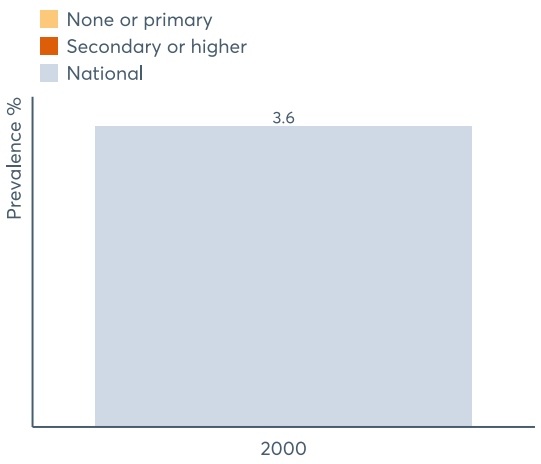
Stunting by income



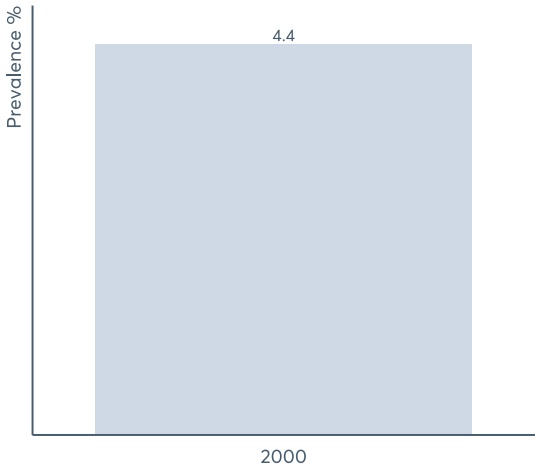
Overweight by income



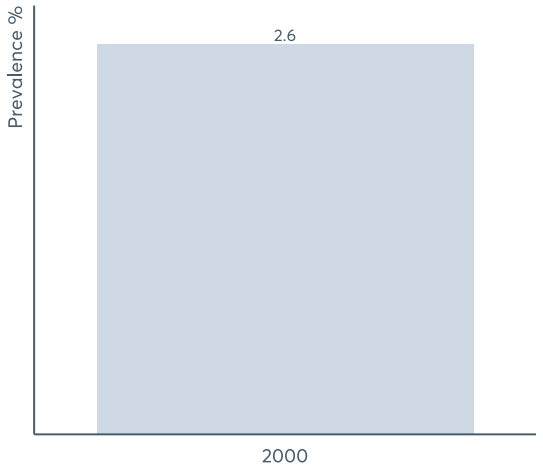
Wasting by mother's education



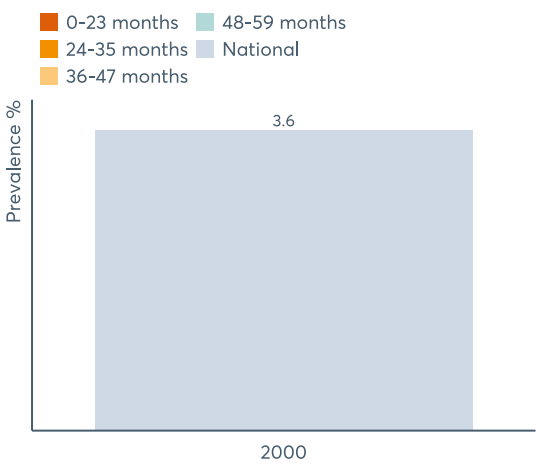
Stunting by mother's education



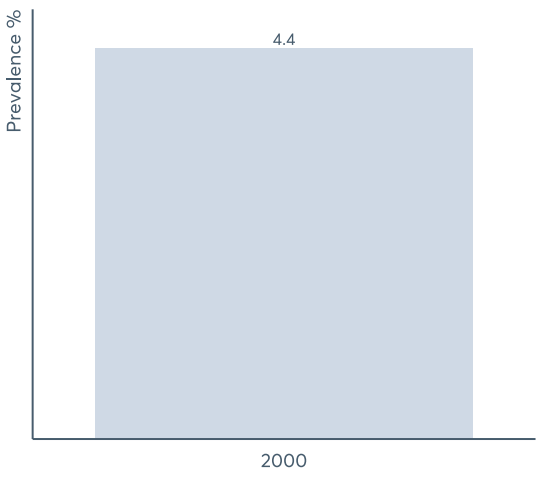
Overweight by mother's education



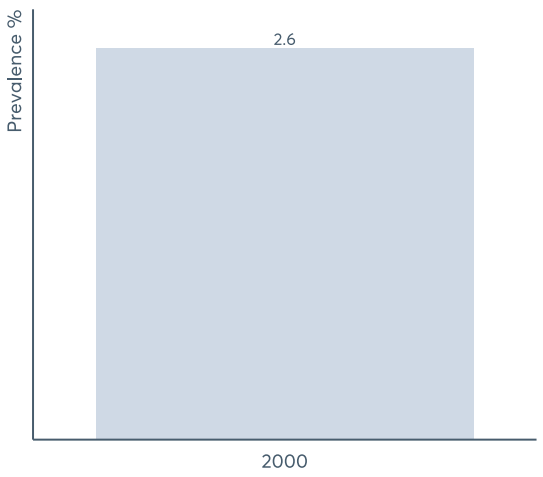
Wasting by age



Stunting by age



Overweight by age



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

Infant and young child feeding over time

Exclusive breastfeeding by gender

No data

Continued breastfeeding at 1 year by gender

No data

Minimum acceptable diet by gender

No data

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

No data

Exclusive breastfeeding by location

No data

Continued breastfeeding at 1 year by location

No data

Minimum acceptable diet by location

No data

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

No data

Exclusive breastfeeding by income

No data

Continued breastfeeding at 1 year by income

No data

Minimum acceptable diet by income

No data

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

No data

Exclusive breastfeeding by mother's education

No data

Continued breastfeeding at 1 year by mother's education

No data

Minimum acceptable diet by mother's education

No data

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

No data

Exclusive breastfeeding by age

No data

Continued breastfeeding at 1 year by age

No data

Minimum acceptable diet by age

No data

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

No data

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

Infant and young child feeding

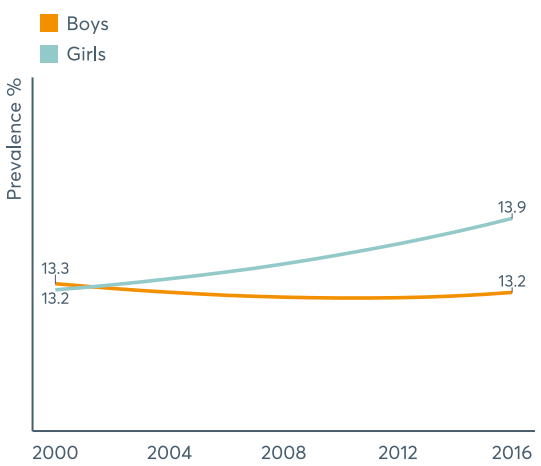
No data

No data

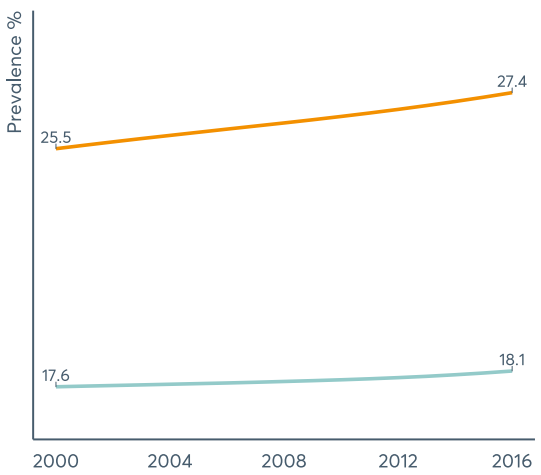
Sources: UNICEF, Division of Data Research and Policy (2019). Global UNICEF Global Databases: Infant and Young Child Feeding: Exclusive breastfeeding, Predominant breastfeeding, New York, May 2019.

Child and adolescent (aged 5-19) nutrition status

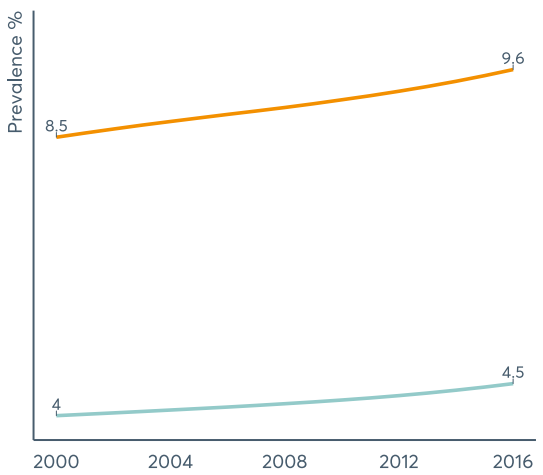
Underweight by gender



Overweight by gender



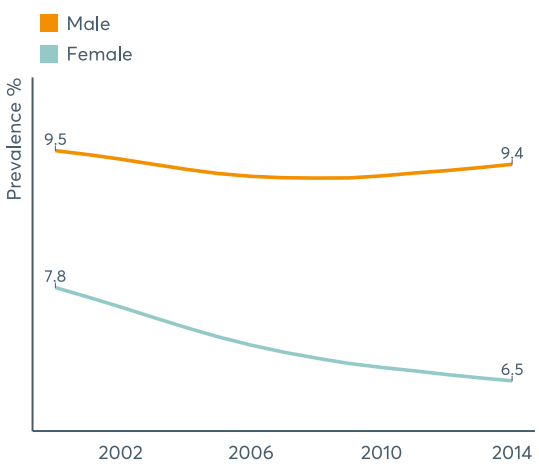
Obesity by gender



Sources: NCD Risk Factor Collaboration.

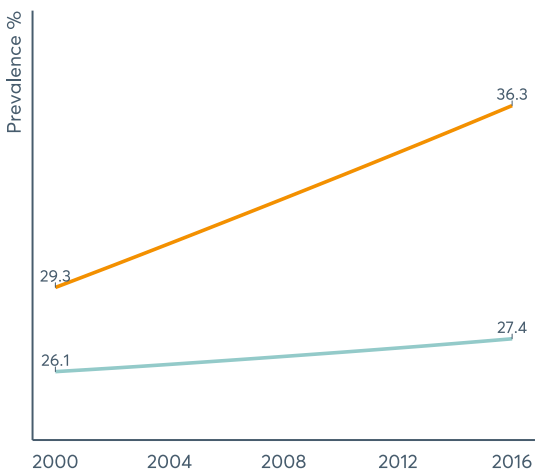
Adult nutrition status

Diabetes by gender

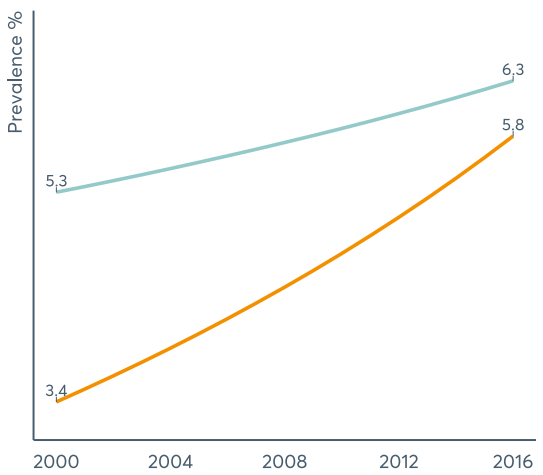


Sources: NCD Risk Factor Collaboration.

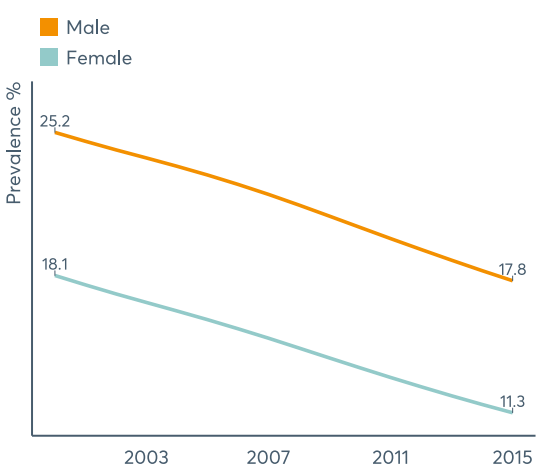
Overweight by gender



Obesity by gender

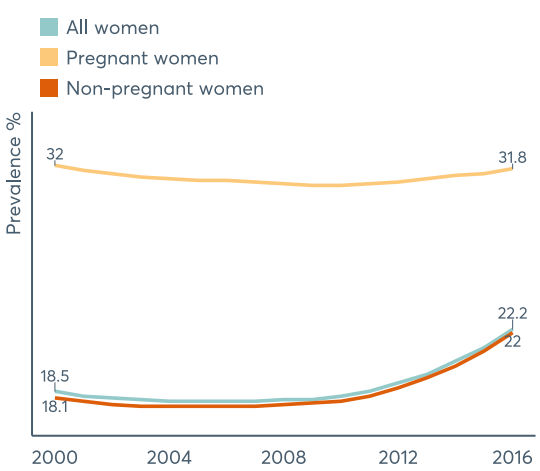


Raised blood pressure by gender



Sources: NCD Risk Factor Collaboration.

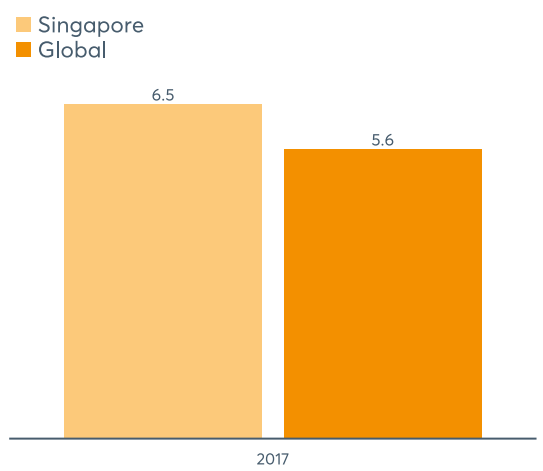
Anaemia in WRA



Source: WHO Global Health Observatory.

Notes: WRA = women of reproductive age.

Salt 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

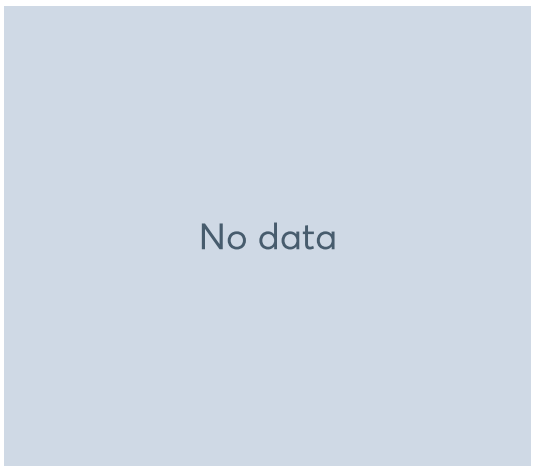
Coverage/practice indicator	Total (%)	Boy (%)	Girl (%)	Year
Children 0-59 months with diarrhoea who received zinc treatment	No data	No data	No data	No data
Children 6-59 months who received vitamin A supplements in last 6 months	No data	No data	No data	No data
Children 6-59 months given iron supplements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

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.

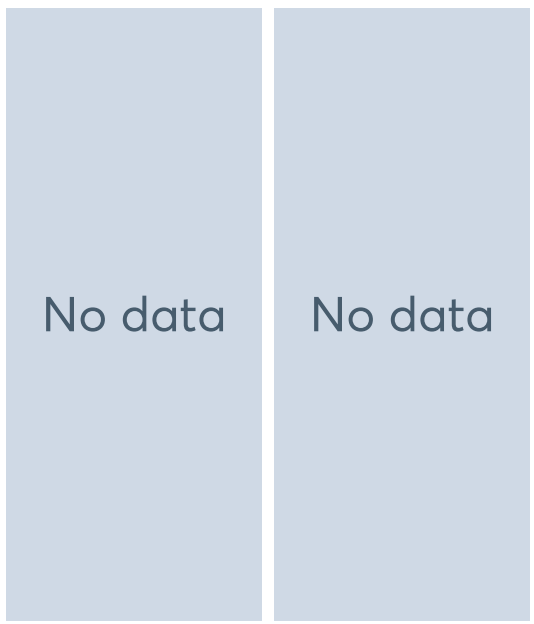
Determinants

Undernourishment



Source: FAOSTAT 2018.

Food supply



Source: FAOSTAT 2018.

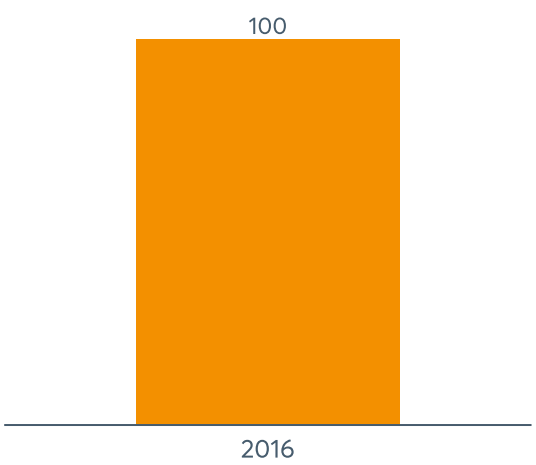
Gender-related determinants

Early childbearing births by age 18 (%)[1]	No data	No data
Gender Inequality Index (score*)[2]	0.07	2017
Gender Inequality Index (country rank)[2]	12	2017

Sources: [1] UNICEF 2018; [2] UNDP 2018.

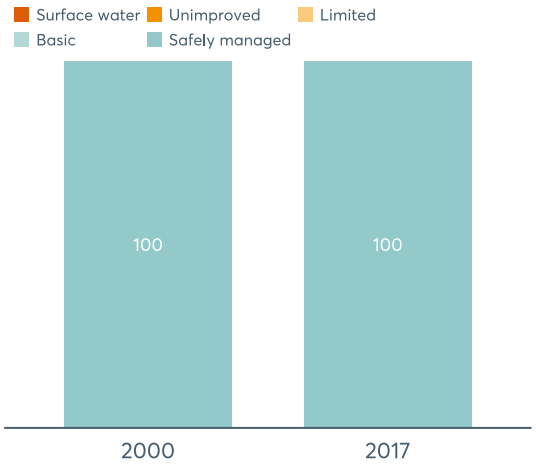
Notes: * 0 = low inequality, 1 = high inequality.

Female secondary education enrolment (net, % population)



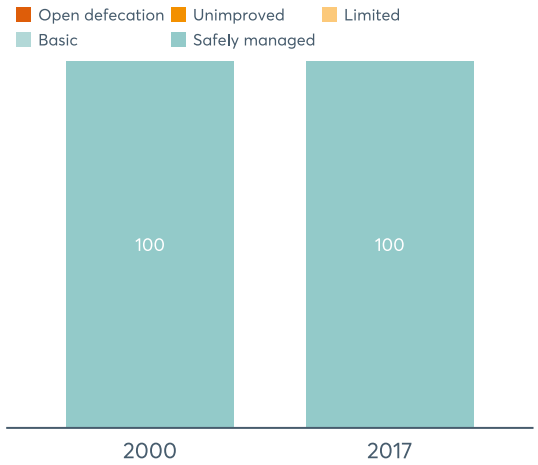
Source: UNESCO Institute for Statistics 2018.

Drinking water coverage (% population)



Source: WHO/UNICEF Joint Monitoring Programme 2019.

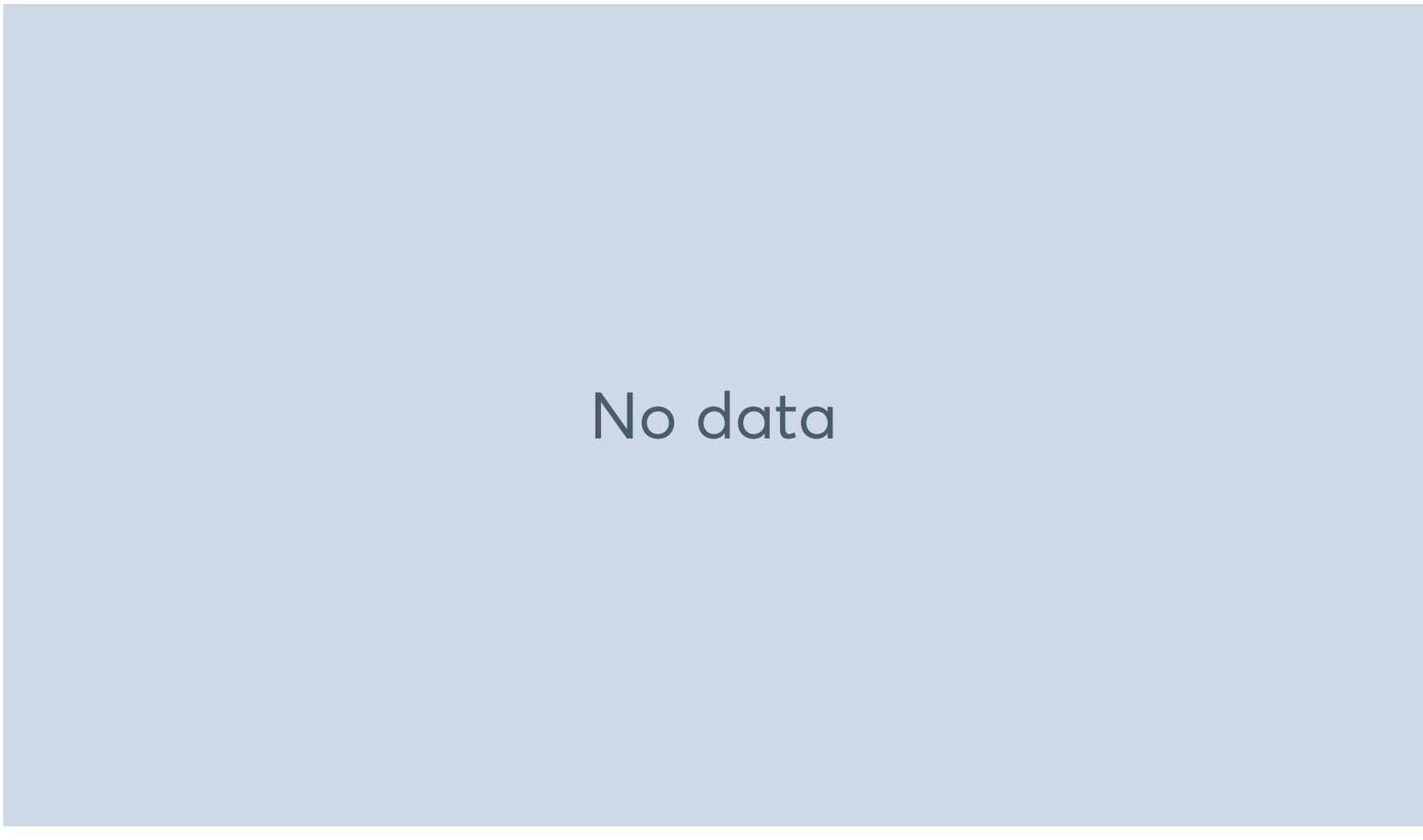
Sanitation coverage (% population)



Source: WHO/UNICEF Joint Monitoring Programme 2019.

Resources, policies and targets

Development assistance



Sources: Development Initiatives based on OECD Development Assistance Commitee (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

Mandatory legislation for salt iodisation	No
Sugar-sweetened beverage tax	No
Food-based dietary guidelines	No data
Policy to reduce salt consumption	Yes
Operational policy, strategy or action plan to reduce unhealthy diet related to NCDs	Yes
Operational, multisectoral national NCD policy, strategy or action plan	No
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	Yes
Policy to limit saturated fatty acids and virtually eliminate industrially produced trans-fats	Yes

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

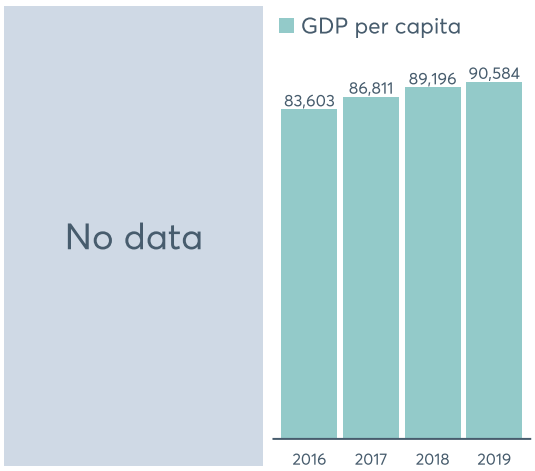
Targets included in national (nutrition or other) plan

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

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

Economics and demography

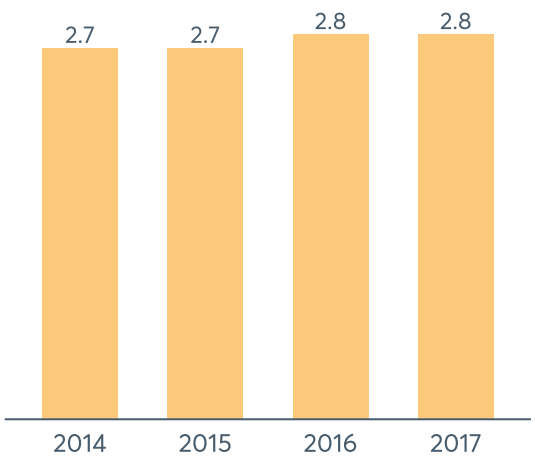
Poverty rates (%) and GDP (PPP$)



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

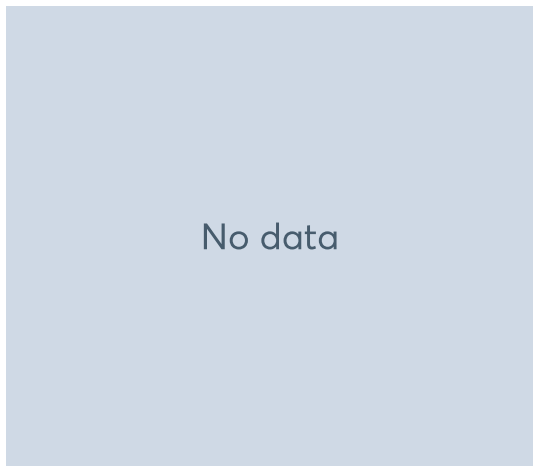
Notes: PPP = purchasing power parity.

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[1]	Gini index rank[2]	Year
No data	No data	No data

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)	5,639	2018
Under-five population (thousands)	250	2019
Rural (%)	0	2018
>65 years (thousands)	719	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	2.28	2016
Nurses and midwives	7.12	2016
Community health workers	0.5	2016

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