### **Denmark**

### **Country overview**

### Malnutrition burden

Denmark 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 Denmark's progress for under-five overweight, under-five stunting, under-five wasting, and infant exclusive breastfeeding.

Denmark has no prevalence data available for under-five overweight, stunting, or wasting.

There is also insufficient data on exclusive breastfeeding among infants. Denmark's 2015 low birth weight prevalence of 5.3% has increased slightly from 5.1% in 2000.

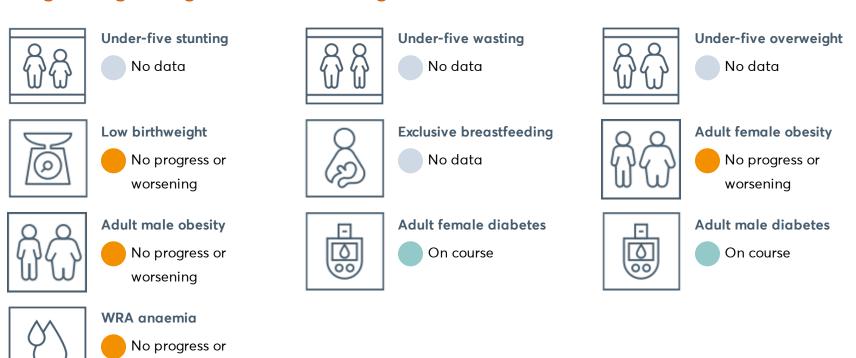
Denmark's adult population face a malnutrition burden. 16.3% of women of reproductive age have anaemia, and 5.4% of adult men have diabetes, compared to 3.3% of women. Meanwhile, 22.3% of men and 17% of women have obesity.

Sources: UNICEF global databases Infant and Young Child Feeding, 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 2019

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.

### Prevalence of under-five stunting

Stunting at subnational level

Stunting at 5km level

No data





Source: Kinyoki, D.K. et al. Mapping child growth failure across low- and middle-income countries. Nature 577, 231–234 (2020) doi:10.1038/s41586-019-1878-8.

Notes: 5 km level map shows prevalence at the  $5 \times 5$ -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.

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| Wasting by mother's education | Stunting by mother's education | Overweight by mother's education |
|-------------------------------|--------------------------------|----------------------------------|
| No data                       | No data                        | No data                          |
| Wasting by age                | Stunting by age                | Overweight by age                |
| No data                       | No data                        | No data                          |

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

### Infant and young child feeding over time

**Exclusive** Continued Minimum Intro. to solid, acceptable diet by semi-solid, soft breastfeeding by breastfeeding at 1 foods by sex year by sex sex sex No data No data No data No data Exclusive Continued Minimum Intro. to solid, breastfeeding by breastfeeding at 1 semi-solid, soft acceptable diet by year by location foods by location location location No data No data No data No data Continued Exclusive Minimum Intro. to solid, breastfeeding by breastfeeding at 1 acceptable diet by semi-solid, soft foods by income year by income income income No data No data No data No data

| Exclusive        | Continued breastfeeding at 1 year by mother's education | Minimum            | Intro. to solid,  |
|------------------|---|--------------------|-------------------|
| breastfeeding by |   | acceptable diet by | semi-solid, soft  |
| mother's         |   | mother's           | foods by mother's |
| education        |   | education          | education         |
| No data          | No data   | No data            | No data           |
| Exclusive        | Continued   | Minimum            | Intro. to solid,  |
| breastfeeding by | breastfeeding at 1                                      | acceptable diet by | semi-solid, soft  |
| age              | year by age   | age                | foods by age      |
| No data          | No data   | No data            | No data           |

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

# No data No data

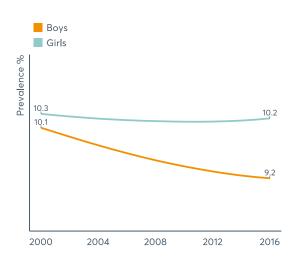
Sources: UNICEF, Division of Data Research and Policy (2019). Global UNICEF Global Databases: Infant and Young Child Feeding: Exclusive breastfeeding, Predominant breastfeeding, New York, May 2019.

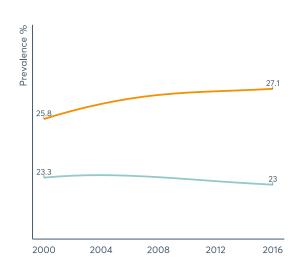
### Child and adolescent (aged 5-19) nutrition status

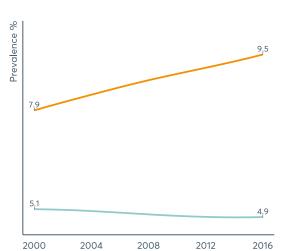
Underweight by sex

Overweight by sex

Obesity by sex







Sources: NCD Risk Factor Collaboration.

### **Adult nutrition status**

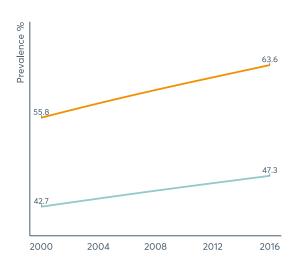
### Diabetes by sex

# Male Female 5.6 5.4 3.8

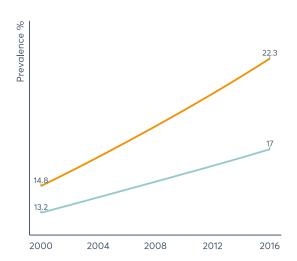
Sources: NCD Risk Factor Collaboration.

2014

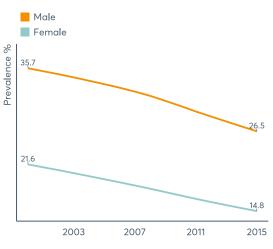
### Overweight by sex



### Obesity by sex

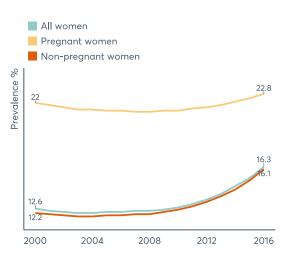


# Raised blood pressure by sex



Sources: NCD Risk Factor Collaboration.

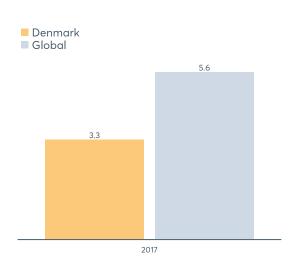
### Anaemia in WRA



Source: WHO Global Health Observatory.

Notes: WRA = women of reproductive age.

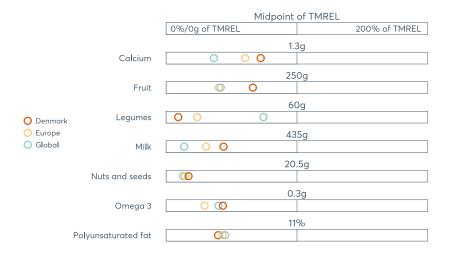
# Sodium intake (grams per day)

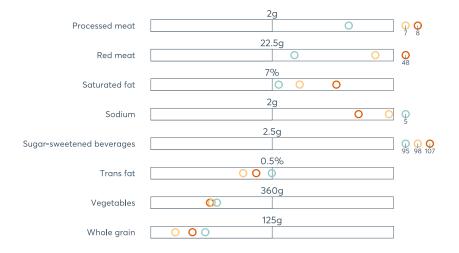


Source: Global Burden of Disease, the Institute for Health Metrics and Evaluation.

### **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

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

Sources: Huestis A. and Kothari M., based on 2016 Global Nutrition Report.

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

### **Determinants**

### Undernourishment

# 

### Food supply



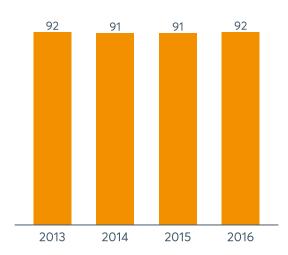
Source: FAOSTAT 2018.

# Gender-related determinants

| Early childbearing<br>births by age 18 (%) <sup>1</sup> | No<br>data | No<br>data |
|---|------------|------------|
| Gender Inequality<br>Index (score *) <sup>2</sup>       | 0.04       | 2017       |
| Gender Inequality<br>Index (country rank) <sup>2</sup>  | 2          | 2017       |

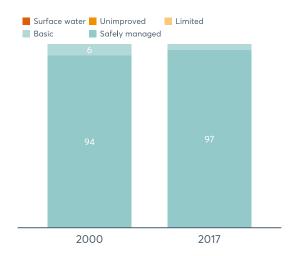
Sources: <sup>1</sup> UNICEF 2018; <sup>2</sup> UNDP 2018. Notes: \*0 = low inequality, 1 = high inequality.

# Female secondary education enrolment (net, % population)



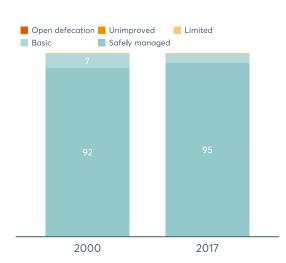
Source: UNESCO Institute for Statistics 2018.

# Drinking water coverage (% population)



Source: WHO/UNICEF Joint Monitoring Programme 2019.

# Sanitation coverage (% population)



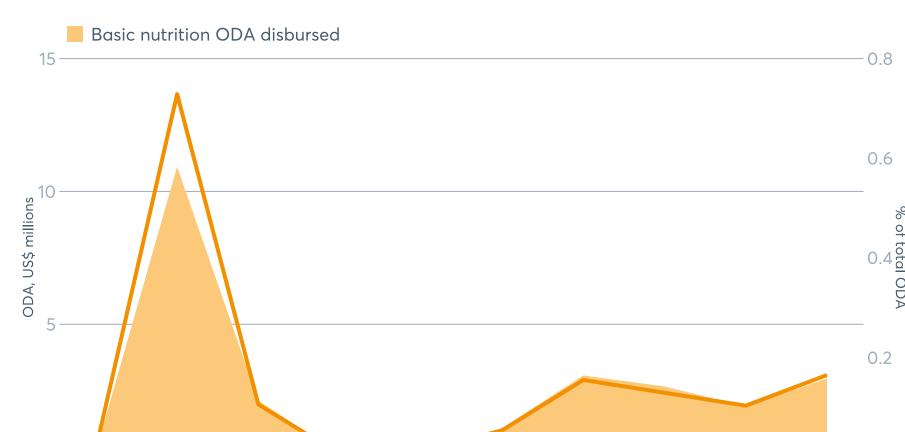
Source: WHO/UNICEF Joint Monitoring Programme 2019.

### Resources, policies and targets

### Development assistance

- % of total ODA

2008



2014

0.0

2017

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

2011

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  | Yes |
|--|-----|
| Sugar-sweetened beverage tax   | No  |
| Food-based dietary guidelines  | Yes |
| 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  | 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 | 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.

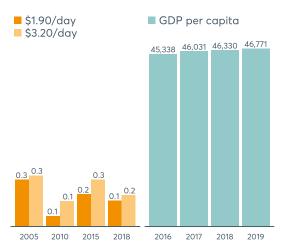
### Targets included in national (nutrition or other) plan

| 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<br>score <sup>1</sup> | Gini index<br>rank <sup>2</sup> | Year |
|----------------------------------|---------------------------------|------|
| 28                               | 15                              | 2015 |

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 (159).

### **Population**

| Population<br>(thousands)               | 5,797 | 2018 |
|---|-------|------|
| Under-five<br>population<br>(thousands) | 302   | 2019 |
| Rural (%)                               | 12    | 2018 |
| >65 years (thousands)                   | 1,152 | 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               | 3.65       | 2014       |
|--------------------------|------------|------------|
| Nurses and<br>midwives   | 17.01      | 2014       |
| Community health workers | No<br>data | No<br>data |

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