### **Eastern Africa**

### Subregional overview

### Malnutrition burden

In the Eastern Africa subregion, there has been some progress towards achieving global nutrition targets. The global targets for under-five overweight and under-five wasting each have six countries on course to meet them, infant exclusive breastfeeding has five countries on course, while under-five stunting has one country on course. However, not a single country in the subregion is on course to meet the targets for anaemia in women of reproductive age, low birth weight, male diabetes, female diabetes, male obesity, and female obesity. 14 countries in the subregion have insufficient data to comprehensively assess their progress towards these global targets.

Although it performs relatively well against other subregions, Eastern Africa still experiences a malnutrition burden among its under-five population. The average prevalence of overweight in under-fives is 4.3% - the second lowest compared to other subregions in Africa. The prevalence of stunting in under-fives is 35.2%, this is significantly greater than the global average of 21.9%. Conversely, The Eastern Africa subregion's prevalence of wasting in under-fives of 6% is less than the global average of 7.3%.

Some 58.5% of infants under 23 months in the Eastern Africa subregion are exclusively breastfed, while the subregion's average low birth weight prevalence of 13.4% is less than the global average of 14.6%.

The Eastern Africa subregion's adult population also face a malnutrition burden. An average of 31.3% of women of reproductive age have anaemia, and 5.9% of adult men have diabetes, compared to 5.6% of women. Meanwhile, 10.1% of women and 2.8% 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**

1 On course

8 Off course

9 No data



### Low birthweight

0 On course

12 Off course

6 No data



### **Under-five wasting**

6 On course

2 Off course

10 No data



### Exclusive breastfeeding

5 On course

5 Off course

8 No data



### Under-five overweight

6 On course

2 Off course

10 No data



### Adult female obesity

0 On course

13 Off course

5 No data



### Adult male obesity

0 On course 17 Off course

1 No data



### Adult female diabetes

0 On course17 Off course1 No data



### Adult male diabetes

0 On course17 Off course1 No data



### WRA anaemia

0 On course 18 Off course

0 No data

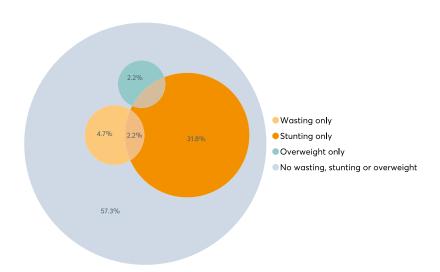
Sources: UNICEF global databases Infant and Young Child Feeding, UNICEF/WHO/World Bank Group: Joint child malnutrition estimates, NCD Risk Factor Collaboration, WHO Global Health Observatory and Global Burden of Disease, the Institute for Health Metrics and Evaluation.

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

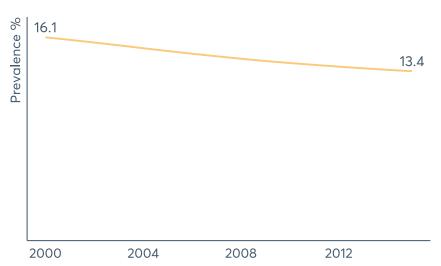
## Coexistence of wasting, stunting and overweight



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



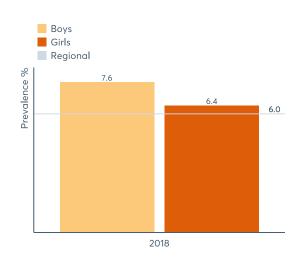
Source: UNICEF/WHO Low birthweight estimates, 2019 edition.

### Child (under-five) nutrition status over time

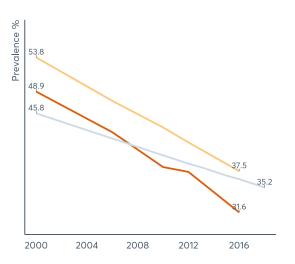
Wasting by gender

Stunting by gender

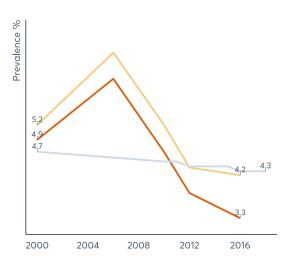
Overweight by gender



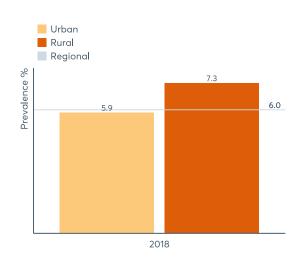
Wasting by location



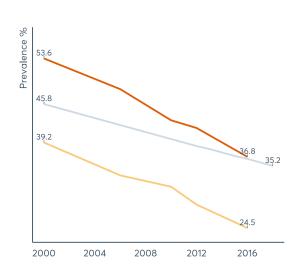
Stunting by location



Overweight by location



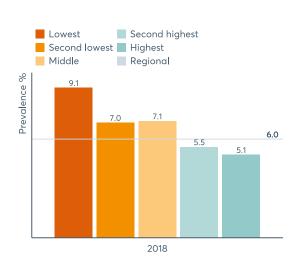
Wasting by income

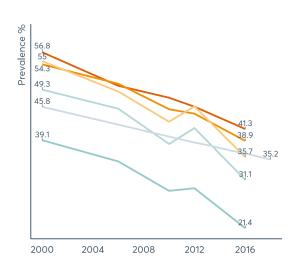


Stunting by income



Overweight by income



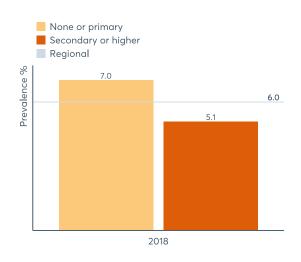


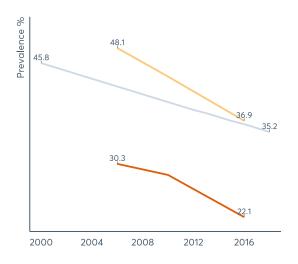


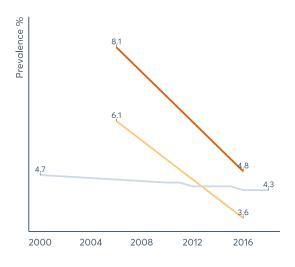
## Wasting by mother's education

## Stunting by mother's education

Overweight by mother's education





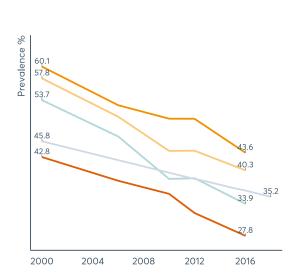


Wasting by age

Stunting by age

Overweight by age







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

Notes: Regional trends (grey line in charts) refer to estimates from UNICEF/WHO/World Bank Group: Joint child malnutrition estimates. Disaggregated data (coloured lines/bars in charts) is based on population weighted means. Estimates are presented only where available data represents at least 50% of the regional population. Based on population weighted means of between 7 and 16 countries.

### Infant and young child feeding over time

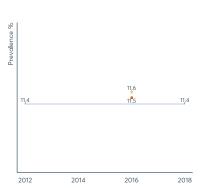
Exclusive breastfeeding by gender



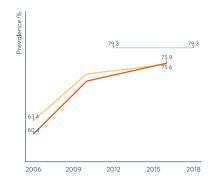
Continued breastfeeding at 1 year by gender



Minimum acceptable diet by gender



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



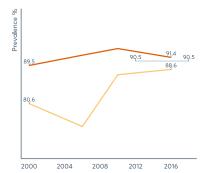
Exclusive breastfeeding by location

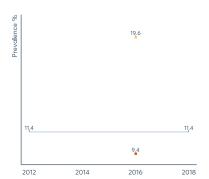


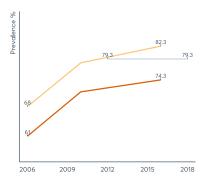
Minimum acceptable diet by location

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







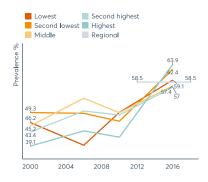


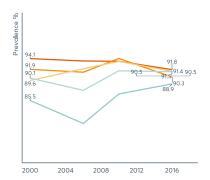
Exclusive breastfeeding by income

Continued breastfeeding at 1 year by income

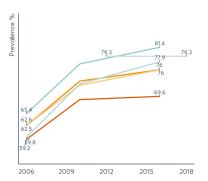
Minimum acceptable diet by income

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

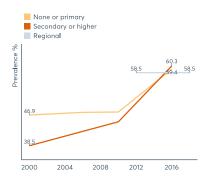




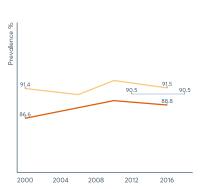




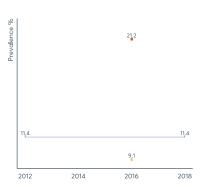
# Exclusive breastfeeding by mother's education



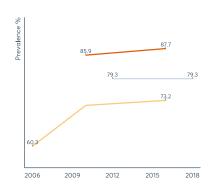
### Continued breastfeeding at 1 year by mother's education



Minimum acceptable diet by mother's education



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

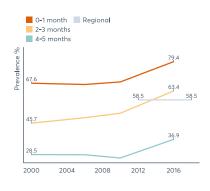


## Exclusive breastfeeding by age



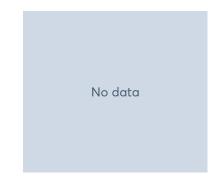
Minimum acceptable diet by age

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





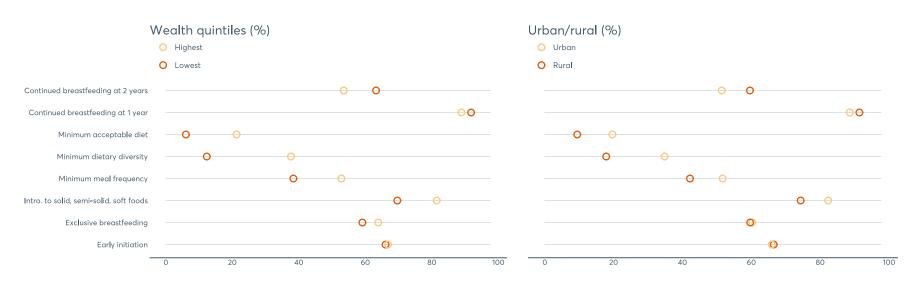




Sources: UNICEF, Division of Data Research and Policy (2019). Global UNICEF Global Databases: Infant and Young Child Feeding, New York, May 2019.

Notes: Regional trends (grey line in charts) refer to estimates from UNICEF/WHO/World Bank Group: Joint child malnutrition estimates. Disaggregated data (coloured lines/bars in charts) is based on population weighted means. Estimates are presented only where available data represents at least 50% of the regional population. Based on population weighted means of between 6 and 10 countries.

### 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.

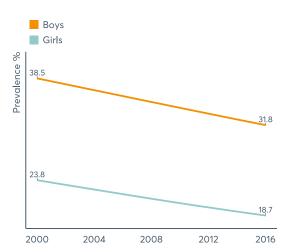
Notes: Based on population weighted means of between 6 and 10 countries.

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

### Underweight by gender

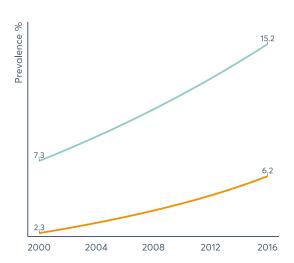
### Overweight by gender

### Obesity by gender

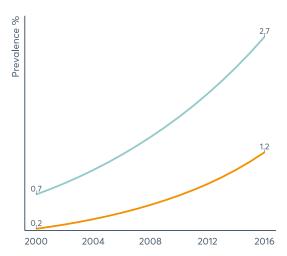


Sources: NCD Risk Factor Collaboration.

Notes: Based on population weighted means of 17 countries.



Notes: Based on population weighted means of 17 countries.



Notes: Based on population weighted means of 17 countries.

### **Adult nutrition status**

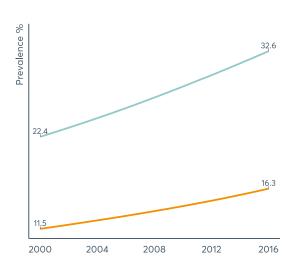
### Diabetes by gender

# Male Female 5,9 5,6 4,3 4.3 2000 2004 2008 2012

Sources: NCD Risk Factor Collaboration.

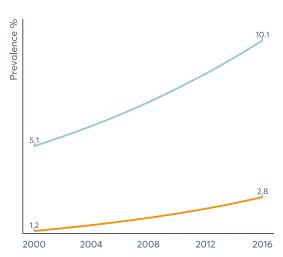
Notes: Based on population weighted means of 17 countries.

### Overweight by gender



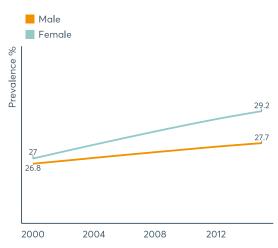
Notes: Based on population weighted means of 17 countries.

### Obesity by gender



Notes: Based on population weighted means of 17 countries.

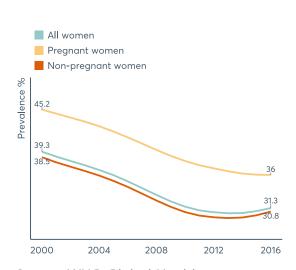
## Raised blood pressure by gender



Sources: NCD Risk Factor Collaboration.

Notes: Based on population weighted means of 17 countries.

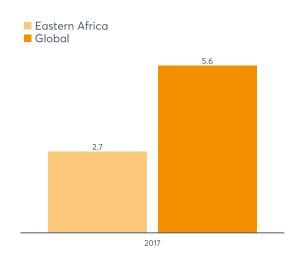
### Angemia in WRA



Source: WHO Global Health Observatory.

Notes: WRA = women of reproductive age. Based on population weighted means of 18 countries.

## Salt intake (grams per day)

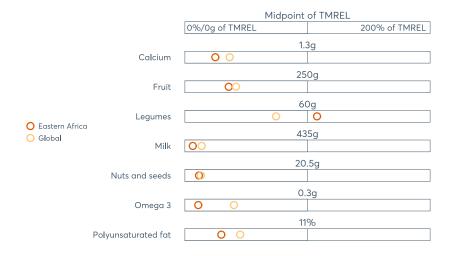


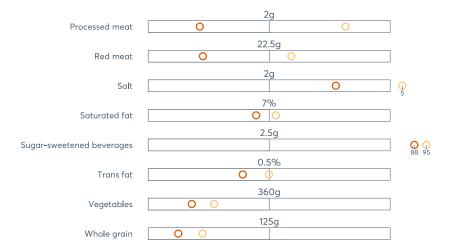
Source: Global Burden of Disease, the Institute for Health Metrics and Evaluation.

Notes: Based on population weighted means of 18 countries.

### **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. Based on population weighted means of 18 countries.

### 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 and UNICEF global databases, 2019.

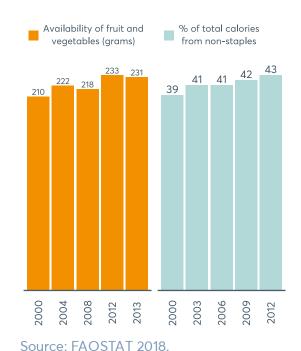
Notes: NA = not applicable. Data is compiled using STATcompiler and taken from country Demographic and Health Surveys for 2005-2018.

### **Determinants**

### Undernourishment



### Food supply



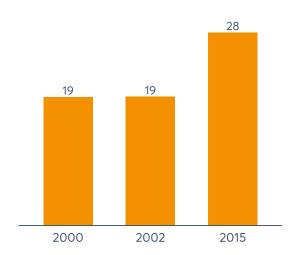
## Gender-related determinants

| Early childbearing births<br>by age 18 (%) <sup>1</sup> | NA | NA |
|---|----|----|
| Gender Inequality Index (score*) <sup>2</sup>           | NA | NA |
| Gender Inequality Index<br>(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.

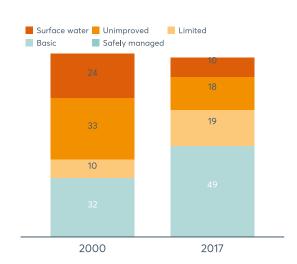
# Female secondary education enrolment (net, % population)



Source: UNESCO Institute for Statistics 2018

Notes: Based on population weighted means of between 8 and 11 countries.

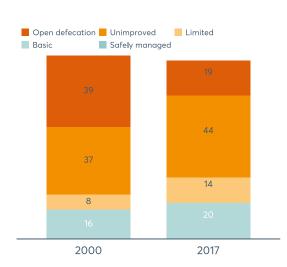
## Drinking water coverage (% population)



Source: WHO/UNICEF Joint Monitoring Programme 2019.

Notes: Based on population weighted means of between 16 and 18 countries.

## Sanitation coverage (% population)



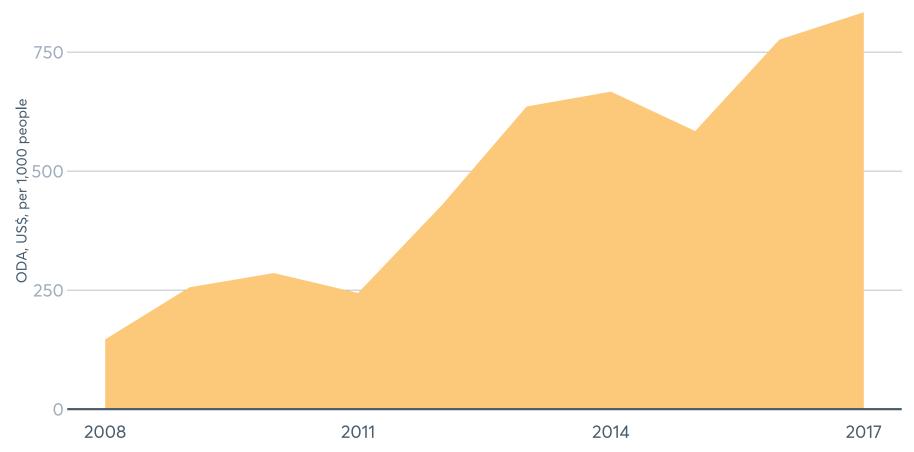
Source: WHO/UNICEF Joint Monitoring Programme 2019.

Notes: Based on population weighted means of between 17 and 18 countries.

### Resources, policies and targets

### Development assistance

Basic nutrition ODA received



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

| Mandatory legislation for salt iodisation  | 10/18 |
|--|-------|
| Sugar-sweetened beverage tax   | 1/18  |
| Food-based dietary guidelines  | 2/18  |
| Policy to reduce salt consumption  | 2/18  |
| Operational policy, strategy or action plan to reduce unhealthy diet related to NCDs   | 12/18 |
| Operational, multisectoral national NCD policy, strategy or action plan  | 5/18  |
| Operational policy, strategy or action plan for diabetes   | 11/18 |
| Policy to reduce the impact on children of marketing of foods and beverages high in saturated fats, trans-fatty acids, free sugars or salt | 1/18  |
| Policy to limit saturated fatty acids and virtually eliminate industrially produced trans-fats   | 1/18  |

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: Value refers to the number of countries with policy. NA = not applicable; NCD = non-communicable disease.

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

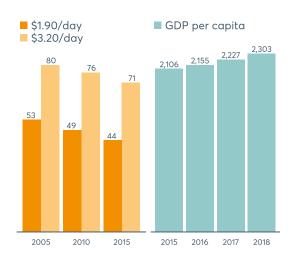
| Stunting                                   | Anaemia                           |
|--|-----------------------------------|
| 15/18                                      | 12/18                             |
| Low birth weight                           | Child overweight                  |
| 12/18                                      | 7/18                              |
| Exclusive breastfeeding                    | Wasting                           |
| 15/18                                      | 14/18                             |
| Salt intake                                | Overweight adults and adolescents |
| 6/18                                       | 9/18                              |
| Multisectoral comprehensive nutrition plan |                                   |
| 11/18                                      |                                   |

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

Notes: Value refers to the number of countries with target.

### **Economics and demography**

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

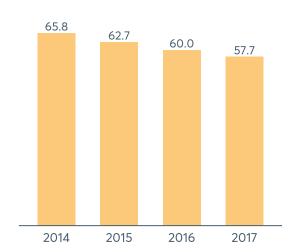


Sources: World Bank 2019, IMF World Economic Outlook Database 2019.

Notes: PPP = purchasing power parity.

Based on population weighted means of between 15 and 17 countries.

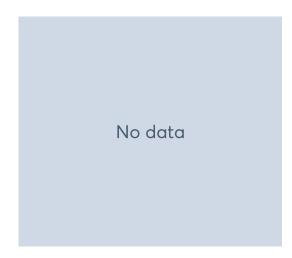
## Under-five mortality (per 1,000 live births)



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

Notes: Based on population weighted means of 18 countries.

## 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 |
|----------------------------------|---------------------------------|------|
| NA                               | NA                              | NA   |

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               | 53,367 | 2018 |
|--------------------------|--------|------|
| (thousands)              | ,      |      |
| Under-five<br>population | 66,973 | 2019 |
| (thousands)              |        |      |
| Rural (%)                | 72     | 2018 |
| >65 years<br>(thousands) | 12,583 | 2019 |

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

Notes: Based on population weighted means of between 17 and 18 countries.

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

| Physicians               | 0.08       | 2016       |
|--------------------------|------------|------------|
| Nurses and<br>midwives   | 0.59       | 2016       |
| Community health workers | No<br>data | No<br>data |

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

Notes: Based on population weighted means of between 16 and 17 countries.