2018 Health SDG Profile: India

Monitoring the health SDG goal: Indicators of overall progress

Life expectancy

Life expectancy at birth provides an indication of overall mortality of a country’s population. In India, from 2000 (62.5 years) to 2016 (68.8 years), the life expectancy at birth has improved by 6.3 years.

Healthy life expectancy reflects overall health of the country’s population. In India, from 2000 (54.2 years) to 2016 (59.3 years), healthy life expectancy has improved by 5.1 years.

Universal health coverage: At the centre of the health goal

The goal of universal health coverage (UHC) is that all people and communities receive the health care they need, without suffering financial hardship. Monitoring UHC requires measuring health service coverage and financial protection (SDG target 3.8).

HEALTH SERVICE COVERAGE

A summary measure of essential health services coverage, a composite service coverage index, is used: 16 indicators are derived from four main areas of work: (1) reproductive, maternal, newborn and child health; (2) infectious diseases; (3) noncommunicable diseases; (4) service capacity, access and health security.

FINANCIAL PROTECTION

Financial protection is measured through two indicators: (1) impoverishment, and (2) catastrophic health expenditure.

Out-of-pocket expenditure in most cases, high percentage of out-of-pocket expenditure out of the total health expenditure is associated with low financial protection.

Public spending on health is determined by the capacity of the government to raise revenues and allocate it to health.

UHC services coverage index of essential health services

To provide a summary measure of coverage, an index of national service coverage is computed by averaging service coverage values across the 16 tracer indicators. The UHC coverage index ranges from 0% to 100%, with 100% implying full coverage across a range of services.
SDGs emphasis on equity

SDG target 17.18 emphasizes the need for disaggregated data. By 2020, enhance capacity-building support to developing countries to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, location and other characteristics relevant in national contexts.

Strengthening Civil Registration and Vital Statistics (CRVS)

SDGs emphasis on mortality statistics

More reliable vital statistics on births, deaths and causes of death from civil registration and vital statistics (CRVS) systems are required for reporting on 14 health-related SDG mortality indicators. Understanding better what people are dying from can lead to stronger health policies and plans, and improve monitoring of the health-related SDGs.

SDG 3: Health targets

Maternal and child mortality (SDG target 3.1, 3.2)

Birth registration

Death registration

Cause of death

Child mortality
## 2018 Health SDG Profile: India

### Communicable diseases (SDG target 3.3)

#### New HIV infections among adults 15 to 49 years*

- **HIV IR (1000 uninfected pop.)**
  - 2011: 0.1
  - 2013: 0.1
  - 2015: 0.1

#### TB incidence

- **TB IR (1000 pop.)**
  - 2011: 247
  - 2013: 211
  - 2015: 0.9

#### Malaria incidence

- **Malaria IR [1000 pop. at risk]**
  - 2012: 1.2
  - 2014: 0.9
  - 2016: 0.7

### Noncommunicable diseases and injuries

<table>
<thead>
<tr>
<th>Indicators</th>
<th>SDG target</th>
<th>Year</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Mortality between 30 and 70 years of age from cardiovascular diseases, cancer, diabetes or chronic respiratory diseases* (%)</td>
<td>3.4.1</td>
<td>2016</td>
<td>23.3</td>
<td>23.1</td>
</tr>
<tr>
<td>Suicide mortality rate* (per 100 000 population)</td>
<td>3.4.2</td>
<td>2016</td>
<td>16.3</td>
<td>13.2</td>
</tr>
<tr>
<td>Total alcohol per capita* (age 15+ years) consumption</td>
<td>3.5.2</td>
<td>2016</td>
<td>5.7</td>
<td>4.5</td>
</tr>
<tr>
<td>Mortality rate from road traffic injuries* (per 100 000 population)</td>
<td>3.6.1</td>
<td>2016</td>
<td>16.6</td>
<td>17</td>
</tr>
</tbody>
</table>

### Sexual and reproductive health

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Proportion of married or in-union women of reproductive age who have their need for family planning satisfied with modern methods* (%)</td>
<td>3.7.1</td>
<td>2016</td>
<td>72.0</td>
<td>75.1</td>
</tr>
<tr>
<td>Adolescent birth rate* (per 1000 women aged 15 to 19 years)</td>
<td>3.7.2</td>
<td>2016</td>
<td>28.1</td>
<td>33.0</td>
</tr>
</tbody>
</table>

### Mortality due to environmental pollution

<table>
<thead>
<tr>
<th>Indicators</th>
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<tbody>
<tr>
<td>Mortality rate attributed to household and ambient air pollution* (per 100 000 population)</td>
<td>3.9.1</td>
<td>2016</td>
<td>184.3</td>
<td>164.0</td>
</tr>
<tr>
<td>Mortality rate attributed to exposure to unsafe WASH services* (per 100 000 population)</td>
<td>3.9.2</td>
<td>2016</td>
<td>18.6</td>
<td>15.4</td>
</tr>
<tr>
<td>Mortality rate attributed to unintentional poisoning* (per 100 000 population)</td>
<td>3.9.3</td>
<td>2016</td>
<td>2.4</td>
<td>1.8</td>
</tr>
</tbody>
</table>

### Tobacco use

<table>
<thead>
<tr>
<th>Indicators</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Tobacco use among persons (15+ yrs) and older - Female¹¹</td>
<td>3.a.1</td>
<td>2016-17</td>
<td>14.2</td>
<td>-</td>
</tr>
<tr>
<td>Tobacco use among persons (15+ yrs) and older - Male¹¹</td>
<td>3.a.1</td>
<td>2016-17</td>
<td>42.4</td>
<td>-</td>
</tr>
</tbody>
</table>

### Essential medicines and vaccines

<table>
<thead>
<tr>
<th>Indicators</th>
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<tbody>
<tr>
<td>Proportion of the population with access to affordable medicines and vaccines on a sustainable basis</td>
<td>3.b.1</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

### Health workforce

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Health worker density¹² (per 10 000 population)</td>
<td>3.c.1</td>
<td>2016</td>
<td>28.5</td>
<td>-</td>
</tr>
</tbody>
</table>

### National and global health risks

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>Total NCD mortality*</td>
<td>3.d.1</td>
<td>2017</td>
<td>95</td>
<td>73</td>
</tr>
</tbody>
</table>

*Note: A dash (-) implies relevant data are not available

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**Total alcohol per capita (age 15+ years) consumption**

- **2011**: 3.0
- **2012**: 3.3
- **2013**: 3.6
- **2014**: 3.9
- **2015**: 4.2
- **2016**: 5.7

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**Total NCD mortality**

- **2000**: 750
- **2005**: 750
- **2010**: 750
- **2015**: 750
- **2016**: 750

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### Hepatitis B surface antigen prevalence among children under 5 years *%)

- **Regional estimate**: 0.70

### Number of people requiring interventions against neglected tropical diseases⁴

- **2016**: 671,797,672

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### Communicable diseases (SDG target 3.3)

#### New HIV infections among adults 15 to 49 years*

- **Hepatitis B surface antigen prevalence among children under 5 years *%)

#### TB incidence

- **Total alcohol per capita* (age 15+ years) consumption⁴**

#### Malaria incidence

- **Number of people requiring interventions against neglected tropical diseases⁴**

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### Adolescent birth rate (per 1000 women aged 15 to 19 years)

- **2016**: 28.1

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### Suicide mortality rate* (per 100 000 population)

- **2016**: 16.3

---

### Total alcohol per capita* (age 15+ years) consumption²

- **2016**: 5.7

---

### Mortality rate from road traffic injuries* (per 100 000 population)

- **2016**: 16.6

---

### Proportion of married or in-union women of reproductive age who have their need for family planning satisfied with modern methods* (%)

- **2016**: 72.0

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### Adolescent birth rate* (per 1000 women aged 15 to 19 years)

- **2016**: 28.1

---

### Mortality rate attributed to household and ambient air pollution* (per 100 000 population)

- **2016**: 184.3

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### Mortality rate attributed to exposure to unsafe WASH services* (per 100 000 population)

- **2016**: 18.6

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### Mortality rate attributed to unintentional poisoning* (per 100 000 population)

- **2016**: 2.4

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### Tobacco use among persons (15+ yrs) and older - Female¹¹

- **2016-17**: 14.2

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### Tobacco use among persons (15+ yrs) and older - Male¹¹

- **2016-17**: 42.4

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### Proportion of the population with access to affordable medicines and vaccines on a sustainable basis

- **3.b.1**: -

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### Total net official development assistance to medical research and basic health per capita*²

- **2016**: 0.28

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### Health worker density¹² (per 10 000 population)

- **2016**: 28.5

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### International Health Regulations Core Capacity Index*³

- **2016**: 95

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**Note:** A dash (-) implies relevant data are not available
### Child nutrition

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Children under 5 years who are stunted⁵</td>
<td>2.2.1</td>
<td>2015-16</td>
<td>38.4</td>
<td>33.0</td>
</tr>
<tr>
<td>Children under 5 years who are wasted⁵</td>
<td>2.2.2</td>
<td>2015-16</td>
<td>21.0</td>
<td>15.2</td>
</tr>
<tr>
<td>Children under 5 years who are overweight⁵</td>
<td>2.2.3</td>
<td>2015-16</td>
<td>2.1</td>
<td>3.4</td>
</tr>
</tbody>
</table>

### Drinking water services and sanitation

<table>
<thead>
<tr>
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<th>Regional estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proportion of population using improved drinking water sources⁴</td>
<td>6.1</td>
<td>2015</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Proportion of population using improved sanitation⁴</td>
<td>6.2</td>
<td>2015</td>
<td>-</td>
<td>-</td>
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</table>

### Clean household energy

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<thead>
<tr>
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</tr>
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<tbody>
<tr>
<td>Proportion of population with primary reliance on clean fuel⁴</td>
<td>7.1</td>
<td>2015</td>
<td>41</td>
<td>41</td>
</tr>
</tbody>
</table>

### Ambient air pollution

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Air pollution level in cities⁴ (PM 2.5) (µg/m³)</td>
<td>11.6.2</td>
<td>2015</td>
<td>68</td>
<td>57.3</td>
</tr>
</tbody>
</table>

### Natural disasters

<table>
<thead>
<tr>
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<th>Regional estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of deaths by disaster⁴</td>
<td>13.1.2</td>
<td>2015</td>
<td>0.2</td>
<td>0.3</td>
</tr>
</tbody>
</table>

### Homicide and conflicts

<table>
<thead>
<tr>
<th>Indicator</th>
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<th>Regional estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mortality rate due to homicide⁴ (per 100 000 population)</td>
<td>16.1.1</td>
<td>2015</td>
<td>4.1</td>
<td>4</td>
</tr>
<tr>
<td>Estimated direct deaths from major conflicts⁴ (per 100 000 population)</td>
<td>16.1.2</td>
<td>2015</td>
<td>&lt;0.1</td>
<td>0.1</td>
</tr>
</tbody>
</table>

### Birth registration

<table>
<thead>
<tr>
<th>Indicator</th>
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<tbody>
<tr>
<td>Birth registration coverage¹³</td>
<td>16.9.1</td>
<td>2015</td>
<td>88.3</td>
<td>-</td>
</tr>
</tbody>
</table>

### Cause-of-death data

<table>
<thead>
<tr>
<th>Indicator</th>
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<th>Regional estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completeness of cause-of-death data¹³ (%)</td>
<td>17.19.2</td>
<td>2015</td>
<td>17</td>
<td>10</td>
</tr>
</tbody>
</table>

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