ANGOLA
POPULATION: 32 MILLION

2019

112 000 FELL ILL WITH TB (72 000 – 160 000)

- 51% men
- 35% women
- 14% children

74 000 people with TB notified (new and relapse)

38 000 people not notified or not diagnosed

20 000 TB DEATHS (13 000 – 28 000)

including 2 600 deaths among people with HIV

TB treatment coverage
2025
90%
End TB operational target

Treatment success rate
50%

MONITORING FRAMEWORK

TB/SDG

TB-INCIDENCE 2000-2019

Population living below the international poverty line (% of population)

48%

Household health expenditure > 10% of total expenditure/income (% of population)

12%

UHC index of essential service coverage (% of population)

40

Number of TB cases attributable to 5 risk factors

- Alcohol use disorder
- Diabetes
- HIV
- Smoking
- Undernourishment

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country
AZERBAIJAN
POPULATION: 10 MILLION

2019

6 000 FELL ILL WITH TB (4 600 – 7 600)

- men 60%
- women 32%
- children 8%

4 800 people with TB notified (new and relapse)

1 200 people not notified or not diagnosed

610 TB DEATHS (570 – 660)

including 20 deaths among people with HIV

TB INCIDENCE 2000-2019

TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)

TB FINANCING 2020

TB SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population)

0%

Household health expenditure >10% of total expenditure/income (% of population)

8.1%

UHC index of essential service coverage

65

Population covered by social protection floor/systems (% of population)

65%

Number of TB cases attributable to 5 risk factors

- Alcohol use disorder
- Diabetis
- HIV
- Smoking
- Undernourishment

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country.
**TUBERCULOSIS REPORT 2017**

**GLOBAL TB-SDG MONITORING FRAMEWORK**

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**WHO GLOBAL TB REPORT 2020**

**People with TB notified (new and relapse)**

361,000 people fell ill with TB

292,000 people with TB notified (new and relapse)

69,000 people not notified or not diagnosed

**People not notified or not diagnosed**

**Population living below the international poverty line (% of population)**

15%

**Household health expenditure > 10% of total expenditure/income (% of population)**

25%

**UHC index of essential service coverage**

48%

**Population covered by social protection floor/systems (% of population)**

18%

**Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.**

---

**TB INCIDENCE 2000-2019**

**TB MORTALITY 2000-2019**

(Excludes people with HIV)

**TB FINANCING 2020**

National TB budget US$ 135 million

---

**TB treatment coverage**

81%

**Treatment success rate**

94%

**2025 End TB operational target**

90%

---

**Estimated 3,300 people fell ill with drug-resistant TB**

**1,373 laboratory confirmed TB cases**

**1,243 started on second-line treatment**

**700 people living with HIV fell ill with TB**

**120 notified**

**116 notified and on antiretroviral treatment**

---

**TB patients facing catastrophic total costs**

**TB SDG MONITORING FRAMEWORK**

---

**Total number of eligible contacts aged ≥5 years not available by country**

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2019

2 800 FELL ILL WITH TB (2 100 – 3 500)

- men 69%
- women 29%
- children 2%

2 200 people with TB notified (new and relapse)

600 people not notified or not diagnosed

310 TB DEATHS (290 – 330)

including 41 deaths among people with HIV

WHO GLOBAL TB REPORT 2020

MONITORING FRAMEWORK

TB treatment coverage

80%

2025

90%

End TB operational target

TREATMENT

TB INCIDENCE 2000-2019

TB MORTALITY 2000-2019

EXCLUDES PEOPLE WITH HIV

TB FINANCING 2020

TB PREVENTIVE TREATMENT

63% HIV-positive people (newly enrolled in care) on TB preventive treatment

100% 85 children (aged < 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

31 (aged > 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment*

TB/HIV

1 200 (920 – 1 600) people fell ill with drug-resistant TB

1 182 laboratory confirmed

1 059 started on second-line treatment

200 people living with HIV fell ill with TB

157 notified

149 notified and on antiretroviral treatment

TB CATASTROPHIC COSTS

Data not available

TB patients facing catastrophic total costs

2020

National TB budget US$ 74 million

US$ millions

TB SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population)

0%

Household health expenditure >10% of total expenditure/income (% of population)

9.2%

UHC index of essential service coverage

76

Population covered by social protection floor/systems (% of population)

76%

Number of TB cases attributable to 5 risk factors

- Alcohol use disorder
- Diabetes
- HIV
- Smoking
- Undernourishment

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country

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BOTSWANA

POPULATION: 2 MILLION

2019

5 800 FELL ILL WITH TB

55% men
35% women
10% children

3 100 people with TB notified (new and relapse)

2 700 people not notified or not diagnosed

1 800 TB DEATHS

(1 400 – 2 200)

including 1 100 deaths among people with HIV

TREATMENT

TB treatment coverage

53%

2025 End TB operational target

90%

Treatment success rate

82%

DRUG-RESISTANT TB

Estimate

270 (170 – 410)

people fell ill with drug-resistant TB

53 laboratory confirmed

53 started on second-line treatment

TB/HIV

2 800 (2 200 – 3 600)

people living with HIV fell ill with TB

1 296 notified

1 191 notified and on antiretroviral treatment

TB PREVENTIVE TREATMENT

Not reported

HIV-positive people (newly enrolled in care) on TB preventive treatment

100%

1 294 children

(aged < 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

Data not available

(aged ≥ 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment*

TB CATASTROPHIC COSTS

Data not available

TB patients facing catastrophic total costs

TB FINANCING 2020

National TB budget

US$ 16 million

Unfunded

Funded internationally

Funded domestically

TB-SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population)

16%

Household health expenditure > 10% of total expenditure/income (% of population)

1%

UHC index of essential service coverage

61

Population covered by social protection floors/systems (% of population)

74%

Number of TB cases attributable to 5 risk factors

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country

©World Health Organization 2020
BRAZIL
POPULATION: 211 MILLION

TREATMENT

**TB treatment coverage**
2025
90%
End TB operational target

**Treatment success rate**
71%

**DRUG-RESISTANT TB**

Estimate
2 600
(1 900 – 3 300)
people fell ill with drug-resistant TB

**TB/ HIV**

991 laboratory confirmed
701 started on second-line treatment

**TB PREVENTIVE TREATMENT**

Not reported
HIV-positive people (newly enrolled in care) on TB preventive treatment

56%

1 658 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

10 095 (aged ≥5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment*

**TB CATASTROPHIC COSTS**

Data not available
TB patients facing catastrophic total costs

**TB FINANCING 2020**

National TB budget US$ 34 million

<table>
<thead>
<tr>
<th>US millions</th>
<th>2020</th>
</tr>
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<td>35</td>
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</tbody>
</table>

Unfunded
Funded internationally
Funded domestically

**TB INCIDENCE 2000-2019**

Rate per 100 000 population

**TB MORTALITY 2000-2019**

(Excludes people with HIV)

Number of deaths

TB SDG MONITORING FRAMEWORK

Number of TB cases attributable to 5 risk factors

<table>
<thead>
<tr>
<th>Alcohol use disorder</th>
<th>Diabetes</th>
<th>HIV</th>
<th>Smoking</th>
<th>Undernourishment</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country
**CAMBODIA**

**POPULATION: 16 MILLION**

### 2019

- **47,000** Fell ill with TB (31,000 – 68,000)
  - Men: 58%
  - Women: 34%
  - Children: 8%

- **30,000** people with TB notified (new and relapse)

- **17,000** people not notified or not diagnosed

### TB DEATHS

- **3,300** TB deaths (2,200 – 4,600)
  - Including 410 deaths among people with HIV

### TB INCIDENCE 2000-2019

- Rate per 100,000 population

### TB MORTALITY 2000-2019

- (Excludes people with HIV)

### TB FINANCING 2020

- National TB budget: US$ 33 million

### TB-CATASTROPHIC COSTS

- Data not available
  - TB patients facing catastrophic total costs

### TB-SDG MONITORING FRAMEWORK

- Population living below the international poverty line (% of population):
  - 15%

- UNIC index of essential service coverage:
  - 60

- Number of TB cases attributable to 5 risk factors

### Treatment

- **TB treatment coverage**: 63%

- **Treatment success rate**: 94%

- **End TB operational target**: 90%

### DRUG-RESISTANT TB

- **Estimate**: 1,000 people fell ill with drug-resistant TB (500 – 1,700)

- **135** laboratory confirmed

- **135** started on second-line treatment

### TB/HIV

- **1,300** people living with HIV fell ill with TB (810 – 1,800)

- **750** notified

- **725** notified and on antiretroviral treatment

### TB PREVENTIVE TREATMENT

- **Not reported**
  - HIV-positive people (newly enrolled in care) on TB preventive treatment

- **45%**

- **2,098 children** (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

- **Data not available**
  - (aged ≥ 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

### Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

*Total number of eligible contacts aged ≥5 years not available by country
CAMEROON
POPULATION: 26 MILLION

2019
46 000 FELL ILL WITH TB (30 000 – 66 000)
men 55%  women 34%  children 11%
24 000 people with TB notified (new and relapse)
22 000 people not notified or not diagnosed

12 000 TB DEATHS (8 700 – 17 000)
including 5 000 deaths among people with HIV

TREATMENT
TB treatment coverage
53%
2025
90%
End TB operational target

2020 End TB milestone

TB INCIDENCE 2000-2019

TB MORTALITY 2000-2019
(EXCLUDES PEOPLE WITH HIV)

DRUG-RESISTANT TB
Estimate
930 (450 – 1 600)
people fell ill with drug-resistant TB

TB/HIV
195 laboratory confirmed
169 started on second-line treatment

12 000 (8 000 – 18 000)
people living with HIV fell ill with TB

6 042 notified
5 739 notified and on antiretroviral treatment

TB FINANCING 2020

TB PREVENTIVE TREATMENT
Not reported
HIV-positive people (newly enrolled in care) on TB preventive treatment

27%
2 933 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

TB CATASTROPHIC COSTS

TB FINANCING 2020

Number of TB cases attributable to 5 risk factors

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country
2019

26 000 **FELL ILL WITH TB** (17 000 – 37 000)

- men 52%
- women 34%
- children 14%

12 000 people with TB notified (new and relapse)

14 000 people not notified or not diagnosed

**TREATMENT**

**TB treatment coverage**

- 2025 End TB operational target

- 47%

**TB INCIDENCE 2000-2019**

- Incidence

**TB MORTALITY 2000-2019** (EXCLUDES PEOPLE WITH HIV)

- Number of deaths

**DRUG-RESISTANT TB**

- Estimate 190 (110 - 290)

- people fell ill with drug-resistant TB

**TB/HIV**

- 99 laboratory confirmed

- 99 started on second-line treatment

- 6 500 (4 200 – 9 300)

- people living with HIV fell ill with TB

- 2 578 notified

- 2 283 notified and on antiretroviral treatment

**TB PREVENTIVE TREATMENT**

- Not reported

- HIV-positive people (newly enrolled in care) on TB preventive treatment

- Not reported

- children (aged < 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

- Data not available

- (aged ≥ 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

**TB CATASTROPHIC COSTS**

- Data not available

- TB patients facing catastrophic total costs

**TB FINANCING 2020**

- National TB budget US$ 3 million

- **2020**

- US$ millions

- Funded internationally

- Funded domestically

- Unfunded

**TB-SDG MONITORING FRAMEWORK**

- Number of TB cases attributable to 5 risk factors

- Alcohol use disorder

- Diabetes

- HIV

- Smoking

- Undernourishment

Population living below the international poverty line (% of population)

- 66%

Household health expenditure >10% of total expenditure/income (% of population)

- 6.8%

UHC index of essential service coverage

- 33%

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country.

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**CHAD**

**POPULATION: 16 MILLION**

### 2019

- **23,000** people fell ill with TB (15,000 – 32,000)
  - Men: 56%
  - Women: 32%
  - Children: 12%
- **14,000** people with TB notified (new and relapse)
- **9,000** people not notified or not diagnosed
- **4,900** TB deaths (3,400 – 6,800)
  - Including 1,400 deaths among people with HIV

### TB Treatment

- **TB treatment coverage**: 60%
- **2025 End TB operational target**: 90%
- **Treatment success rate**: 78%

### Drug-Resistant TB

- **Estimate 730** (330 – 1,300) people fell ill with drug-resistant TB

### TB/HIV

- **72 laboratory confirmed**
- **57 started on second-line treatment**
- **4,100** people living with HIV fell ill with TB (2,600 – 5,800)
- **1,696** notified
- **1,626** notified and on antiretroviral treatment

### TB Preventive Treatment

- **Not reported**: 5.1%
- **308 children (aged <5 years)** household contacts of bacteriologically confirmed TB cases on TB preventive treatment
- **25 (aged >5 years)** household contacts of bacteriologically confirmed TB cases on TB preventive treatment*

### TB Catastrophic Costs

- **Data not available**
- **TB patients facing catastrophic total costs**

### TB Financing 2020

- **National TB budget**: US$ 5 million
  - Unfunded
  - Funded internationally
  - Funded domestically

### TB-SDG Monitoring Framework

- **Number of TB cases attributable to 5 risk factors**
  - Alcohol use disorder
  - Diabetes
  - HIV
  - Smoking
  - Undernourishment

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

*Total number of eligible contacts aged ≥5 years not available by country.*

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**CHINA**

**POPULATION:** 1.434 MILLION

---

**2019**

- **833 000 FELL ILL WITH TB** (717 000 – 957 000)
  - **men**: 66%
  - **women**: 30%
  - **children**: 4%
  - **people with TB notified (new and relapse)**: 728 000
  - **people not notified or not diagnosed**: 105 000

- **33 000 TB DEATHS** (30 000 – 37 000)
  - **including**: 2 200 deaths among people with HIV

---

**TB TREATMENT**

- **TB treatment coverage**: 87%
- **Treatment success rate**: 94%
- **2025 End TB operational target**: 90%

---

**DRUG-RESISTANT TB**

- **Estimate**: 65 000 (49 000 – 83 000)
- **people fell ill with drug-resistant TB**

---

**TB/HIV**

- **18 246 laboratory confirmed**
- **13 525 started on second-line treatment**
- **14 000 people living with HIV fell ill with TB**

---

**TB FINANCING 2020**

- **National TB budget US$ 994 million**

---

**TB SDG MONITORING FRAMEWORK**

- **Population living below the international poverty line (% of population)**: 1%
- **Household health expenditure >10% of total expenditure/income (% of population)**: 20%
- **UHC index of essential service coverage**: 79%
- **Population covered by social protection floor/systems (% of population)**: 63%

---

- **Number of TB cases attributable to 5 risk factors**
  - **Alcohol use disorder**: 20%
  - **Diabetes**: 25%
  - **HIV**: 15%
  - **Smoking**: 10%
  - **Undernourishment**: 10%

---

*Total number of eligible contacts aged <5 years not available by country*
2019

20 000 _FELL ILL WITH TB_ (13 000 – 29 000)

- **men** 53%
- **women** 36%
- **children** 11%

12 000 people with TB notified (new and relapse)

8 000 people not notified or not diagnosed

5 000 _TB DEATHS_ (3 200 – 7 000)

- including 2 200 deaths among people with HIV

**Monitoring of the above indicators can be used to identify key influences on the TB epidemic**

**TB treatment coverage**

2025 **90%**

End TB operational target

**Treatment success rate**

62%

TREATMENT

**DRUG-RESISTANT TB**

Estimate 590 (260 – 1 000) people fell ill with drug-resistant TB

**TB/HIV**

3 514 laboratory confirmed

133 started on second-line treatment

5 800 (2 900 – 9 700) people living with HIV fell ill with TB

646 notified

391 notified and on antiretroviral treatment

**TB FINANCING 2020**

**National TB budget US$ 7 million**

- **Unfunded**
- **Funded internationally**
- **Funded domestically**

**TB SDG MONITORING FRAMEWORK**

- Population living below the international poverty line (% of population)
  - **37%**

- Undernourishment
  - **8.9%**

- Population covered by social protection floor/systems (% of population)
  - **39**

- Household health expenditure >10% of total expenditure/income (% of population)
  - **4.6%**

- UHC index of essential service coverage
  - **37%**

**Number of TB cases attributable to 5 risk factors**

- Alcohol use disorder
- Diabetes
- HIV
- Smoking
- Undernourishment

**Total number of eligible contacts aged >5 years not available by country**
**Population: 26 million**

**2019**

132 000 **FELL ILL WITH TB** (115 000 – 150 000)

- Men 59%
- Women 32%
- Children 9%

96 000 people with TB notified (new and relapse)

36 000 people not notified or not diagnosed

**DATA NOT AVAILABLE TB DEATHS**

including deaths among people with HIV

**TB INCIDENCE 2000-2019**

**TB MORTALITY 2000-2019** (excludes people with HIV)

**Number of TB cases attributable to 5 risk factors**

- Undernourishment
- Smoking
- Alcohol use disorder
- HIV
- Diabetes

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.
**DEMOCRATIC REPUBLIC OF THE CONGO**

**POPULATION: 87 MILLION**

### 2019

- **278 000** FELL ILL WITH TB (180 000 – 397 000)
  - Men 51%
  - Women 36%
  - Children 13%

- **179 000** people with TB notified (new and relapse)
- **99 000** people not notified or not diagnosed

### TB INCIDENCE 2000-2019

- Rate per 100 000 population

### TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)

- Number of deaths

### TB FINANCING 2020

- National TB budget US$ 41 million

### TB CATASTROPHIC COSTS

- **57%** TB patients facing catastrophic total costs

### TB/ HIV

- **918** laboratory confirmed
- **822** started on second-line treatment
- **6 500** (2 700 – 12 000) people fell ill with drug-resistant TB
- **30 000** (19 000 – 42 000) people living with HIV fell ill with TB
- **12 965** notified
- **12 500** notified and on antiretroviral treatment

### DRUG-RESISTANT TB

- Estimate **6 500** laboratory confirmed
- **34 763** children (aged <5 years)

### TB PREVENTIVE TREATMENT

- **40%** HIV-positive people (newly enrolled in care) on TB preventive treatment
- **36%** 34 763 children (aged <5 years)
- Household contacts of bacteriologically confirmed TB cases on TB preventive treatment
- Data not available (aged >5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

### TB SDG MONITORING FRAMEWORK

- **Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.**

### Number of TB cases attributable to 5 risk factors

- Alcohol use disorder
- Diabetes
- HIV
- Smoking
- Undernourishment

*Total number of eligible contacts aged ≥5 years not available by country*
**ESWATINI**

**POPULATION: 1 MILLION**

**2019**

4,200 FALL ILL WITH TB (2,600 – 6,100)

- Men: 53%
- Women: 38%
- Children: 9%

2,900 people with TB notified (new and relapse)

1,300 people not notified or not diagnosed

960 TB DEATHS (640 – 1,400)

Including 710 deaths among people with HIV

**TREATMENT**

- **TB treatment coverage**: 69%
- **2025 End TB operational target**: 90%
- **Treatment success rate**: 90%

**DRUG-RESISTANT TB**

- Estimate: 390 (230 - 600) people fell ill with drug-resistant TB

**TB/HIV**

- 151 laboratory confirmed
- 143 started on second-line treatment
- 2,500 (1,500 – 3,800) people living with HIV fell ill with TB
- 1,895 notified
- 1,856 notified and on antiretroviral treatment

**TB PREVENTIVE TREATMENT**

- 65% HIV-positive people (newly enrolled in care) on TB preventive treatment
- 32% 307 children (aged < 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

**TB FINANCING 2020**

- National TB budget: US$ 13 million

**TB CATASTROPHIC COSTS**

- Data not available

**TB-SDG MONITORING FRAMEWORK**

- Population living below the international poverty line (% of population): 28%
- Household health expenditure >10% of total expenditure/income (% of population): 13%
- UHC index of essential service coverage (% of population): 63%
- Population covered by social protection floor/systems (% of population): 52%

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

*Total number of eligible contacts aged <5 years not available by country*
ETHIOPIA
POPULATION: 112 MILLION

2019

157 000 FELL ILL WITH TB (110 000 – 211 000)
- men 49%
- women 40%
- children 11%

111 000 people with TB notified (new and relapse)
46 000 people not notified or not diagnosed

24 000 TB DEATHS (16 000 – 34 000)
- including 2 800 deaths among people with HIV

TB INCIDENCE 2000-2019
- Rate per 100 000 population
- End TB operational target

TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)
- Number of deaths

TB FINANCING 2020
- National TB budget US$ 85 million

TREATMENT

TB treatment coverage 71%

Treatment success rate 88%

2025

TB/CATASTROPHIC COSTS

Data not available
TB patients facing catastrophic total costs

TB-SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population)
- 31%

Household health expenditure >10% of total expenditure/income (% of population)
- 4.9%

UHC index of essential service coverage
- 39

Population covered by social protection floor/systems (% of population)
- 13%

Number of TB cases attributable to 5 risk factors
- Alcohol use disorder
- Diarrhea
- HIV
- Smoking
- Undernourishment

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country
GHANA
POPULATION: 30 MILLION

2019

44 000 FELL ILL WITH TB (21 000 – 74 000)

men 51%

women 35%

children 14%

15 000 people with TB notified (new and relapse)

15 000 TB DEATHS (8 700 – 24 000)

including 5 000 deaths among people with HIV

29 000 people not notified or not diagnosed

TREATMENT

TB treatment coverage

34%

2025

90%

End TB operational target

Treatment success rate

84%

DRUG-RESISTANT TB

Estimate 1 200 (580 – 2 100) people fell ill with drug-resistant TB

266 laboratory confirmed

217 started on second-line treatment

TB/HIV

9 200 (4 500 – 16 000) people living with HIV fell ill with TB

2 620 notified

1 966 notified and on antiretroviral treatment

TB PREVENTIVE TREATMENT

4.1% HIV-positive people (newly enrolled in care) on TB preventive treatment

0.46% TB children (aged < 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

Data not available (aged ≥ 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

TB CATASTROPHIC COSTS

64% TB patients facing catastrophic total costs

Year of survey: 2016

TB FINANCING 2020

National TB budget US$ 20 million

0 5 10 15 20

US millions

2020

Funded internationally

Funded domestically

Unfunded

TB-SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population)

13%

Household health expenditure > 10% of total expenditure/income (% of population)

1.1%

UHC index of essential service coverage (% of population)

47

Population covered by social protection floors/systems (% of population)

64%

Number of TB cases attributable to 5 risk factors

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country
**WHO GLOBAL TB REPORT 2020**

**2019**

- **6 900** FELL ILL WITH TB  
  (4 500 – 9 900)  
  **men 54%  women 32%  children 14%**  

- **4 500** people not notified or not diagnosed

- **2 400** people with TB notified (new and relapse)

- **2 600** TB DEATHS  
  (1 800 – 3 400)  
  including **1 200** deaths among people with HIV

**TREATMENT**

- **TB treatment coverage 35%**  
  **2025 End TB operational target 90%**

**DRUG-RESISTANT TB**

- **Estimate 1 900** (82 – 340) people fell ill with drug-resistant TB

- **33** laboratory confirmed

- **30** started on second-line treatment

**TB/HIV**

- **2 200** (1 400 – 3 100) people living with HIV fell ill with TB

- **633** notified

- **451** notified and on antiretroviral treatment

**TB FINANCING 2020**

- **National TB budget US$ 2 million**

**TB PREVENTIVE TREATMENT**

- **Not reported** HIV-positive people (newly enrolled in care) on TB preventive treatment

- **16%**  
  **304 children** (aged < 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

**TB CATASTROPHIC COSTS**

- **Data not available**  
  TB patients facing catastrophic total costs

**TB SDG MONITORING FRAMEWORK**

- **Population living below the international poverty line (% of population) 67%**

- **Household health expenditure >10% of total expenditure/income (% of population) 5.5%**

- **UHC index of essential service coverage 40**

- **Population covered by social protection floors/systems (% of population)**

- **Number of TB cases attributable to 5 risk factors**

**Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.**

* Total number of eligible contacts aged ≥5 years not available by country
INDIA
POPULATION: 1 366 MILLION.

2019
2 640 000 FELL ILL WITH TB (1 800 000 - 3 630 000)
men 55%  
women 32%  
children 13%
2 160 000 people with TB notified (new and relapse)
480 000 people not notified or not diagnosed

445 000 TB DEATHS (413 000-478 000)
including 9 500 deaths among people with HIV

124 000 people fell ill with drug-resistant TB

Estimate 124 000 (73 000 - 189 000) people fell ill with drug-resistant TB

66 255 laboratory confirmed
56 569 started on second-line treatment

71 000 people living with HIV fell ill with TB
46 741 notified
44 517 notified and on antiretroviral treatment

TB FINANCING 2020
National TB budget US$ 497 million

TB CATASTROPHIC COSTS

TB patients facing catastrophic total costs

Data not available

TB-MORTALITY 2000-2019
(EXCLUDES PEOPLE WITH HIV)

2025
90% Treatment success rate
82% End TB operational target

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country

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**INDONESIA**

**POPULATION: 271 MILLION**

- **2019**
  - **845 000** FELL ILL WITH TB (770 000 – 923 000)
  - **562 000** people with TB notified (new and relapse)
  - **283 000** people not notified or not diagnosed

- **96 000 TB DEATHS** (90 000 – 104 000)
  - **4 700 deaths** among people with HIV

**TREATMENT**

- **TB treatment coverage** 67%
  - **2025** End TB operational target
  - **90%** treatment success rate

**DRUG-RESISTANT TB**

- **Estimate 24 000** (17 000 – 32 000) people fell ill with drug-resistant TB
  - **5 531** started on second-line treatment

**TB/HIV**

- **11 463** laboratory confirmed cases
  - **19 000** (8 000 – 35 000) people living with HIV fell ill with TB
  - **11 708** notified
  - **4 995** notified and on antiretroviral treatment

**TB PREVENTIVE TREATMENT**

- **12%** HIV-positive people (newly enrolled in care) on TB preventive treatment
  - **9.4%** 7 441 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment
  - **Data not available** (aged ≥5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

**TB CATASTROPHIC COSTS**

- **Data not available**
  - TB patients facing catastrophic total costs

**TB FINANCING 2020**

- **National TB budget** US$ 429 million
  - **Unfunded**
  - **Funded internationally**
  - **Funded domestically**

**TB-SDG MONITORING FRAMEWORK**

- **Population living below the international poverty line (% of population)** 5%
- **Household health expenditure >10% of total expenditure/income (% of population)** 2.7%
- **UHC index of essential service coverage** 57%
- **Population covered by social protection floor/systems (% of population)** 57%
  - Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

*Total number of eligible contacts aged ≥5 years not available by country*
**KAZAKHSTAN**

**POPULATION: 19 MILLION**

**2019**

13,000 **FELL ILL WITH TB** (8,200 – 18,000)

- *men* 59%
- *women* 38%
- *children* 3%

13,000 people with TB notified (new and relapse)

0 people not notified or not diagnosed

340 **TB DEATHS** (260 – 440)

- including 50 deaths among people with HIV

**TREATMENT**

- **TB treatment coverage**
  - 98%

- **Treatment success rate**
  - 90%

**DRUG-RESISTANT TB**

- Estimate **4,100** (2,600 – 5,900) people fell ill with drug-resistant TB

- **5,073** laboratory confirmed

- **6,144** started on second-line treatment

**TB/HIV**

- **6,800** (4,400 – 9,800) people living with HIV fell ill with TB

- **666** notified

- **637** notified and on antiretroviral treatment

**TB PREVENTIVE TREATMENT**

- 40% HIV-positive people (newly enrolled in care) on TB preventive treatment

- 18% S28 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

- 252 (aged >5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment*

**TB CATASTROPHIC COSTS**

- Data not available

- TB patients facing catastrophic total costs

**TB FINANCING 2020**

- National TB budget **US$ 121 million**

**TB-SDG MONITORING FRAMEWORK**

- Number of TB cases attributable to 5 risk factors

- Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

*Total number of eligible contacts aged ≥5 years not available by country*
KENYA
POPULATION: 53 MILLION

2019

140 000 FELL ILL WITH TB
(86 000 – 208 000)

84 000 people with TB notified (new and relapse)

32 000 TB DEATHS
(22 000 – 45 000)

56 000 people not notified or not diagnosed

including 13 000 deaths among people with HIV

People with TB notified (new and relapse)

Population living below the international poverty line (% of population)

37%

Household health expenditure >10% of total expenditure/income (% of population)

5.4%

UHC index of essential service coverage (% of population)

55

Number of TB cases attributable to 5 risk factors

27%

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country

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**KYZRGYZSTAN**

**POPULATION: 6 MILLION**

2019

**7 100 FELL ILL WITH TB**

(new and relapse)

6 100 people with TB notified

(new and relapse)

1 000 people not notified

or not diagnosed

**380 TB DEATHS**

(including 26 deaths among people with HIV)

**TB INCIDENCE 2000-2019**

**TB MORTALITY 2000-2019**

(EXCLUDES PEOPLE WITH HIV)

**TB FINANCING 2020**

National TB budget US$ 16 million

**TB SDG MONITORING FRAMEWORK**

- Population living below the international poverty line (% of population)
- Household health expenditure >10% of total expenditure/income (% of population)
- UHC index of essential service coverage
- Population covered by social protection floor/systems (% of population)
- Number of TB cases attributable to 5 risk factors

<table>
<thead>
<tr>
<th>Risk Factor</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol use disorder</td>
<td>0.0%</td>
</tr>
<tr>
<td>Diabetes</td>
<td>0.0%</td>
</tr>
<tr>
<td>HIV</td>
<td>0.0%</td>
</tr>
<tr>
<td>Smoking</td>
<td>0.0%</td>
</tr>
<tr>
<td>Malnutrition</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

*Total number of eligible contacts aged ≥5 years not available by country.
LESOTHO
POPULATION: 2 MILLION

2019

14 000 FELL ILL WITH TB (8 600 – 20 000)

7 100 people with TB notified (new and relapse)

6 900 people not notified or not diagnosed

4 800 TB DEATHS (3 300 – 6 600)

including 3 600 deaths among people with HIV

TB INCIDENCE 2000-2019

TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)

TB treatment coverage

2025 90% End TB operational target

51%

TB/HIV

259 laboratory confirmed

181 started on second-line treatment

8 600 (5 300 – 13 000)

people living with HIV fell ill with TB

4 187 notified

3 828 notified and on antiretroviral treatment

Not reported

HIV-positive people (newly enrolled in care) on TB preventive treatment

73%

1 193 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

Data not available

(aged >5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment*

19%

TB patients facing catastrophic total costs

TB FINANCING 2020

National TB budget US$ 10 million

TB CATASTROPHIC COSTS

Year of survey: 2019

TB PREVENTIVE TREATMENT

Not reported

HIV-positive people (newly enrolled in care) on TB preventive treatment

73%

1 193 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

Data not available

(aged > 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment*

19%

TB patients facing catastrophic total costs

TB-FINANCING 2020

National TB budget US$ 10 million

Number of TB cases attributable to 5 risk factors

Population living below the international poverty line (% of population)

27%

Household health expenditure > 10% of total expenditure/income (% of population)

4.5%

UHC index of essential service coverage

48

Population covered by social protection floor/systems (% of population)

6.3%

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

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### Liberia

**Population:** 5 million

#### 2019

**15,000** FELL ILL WITH TB (9,800 – 22,000)

- Men: 50%
- Women: 33%
- Children: 17%

8,300 people with TB notified (new and relapse)

6,700 people not notified or not diagnosed

**3,600** TB DEATHS (2,400 – 5,100)

- Including 860 deaths among people with HIV

#### TB Prevalence

#### TREATMENT

- **TB treatment coverage:** 54%
- **2025 End TB operational target:** 90%
- **Treatment success rate:** 75%

#### DRUG-RESISTANT TB

- Estimate **370** (160 - 670) people fell ill with drug-resistant TB

#### TB/HIV

- **91** laboratory confirmed cases

- **83** started on second-line treatment

- **2,200** people living with HIV fell ill with TB

- **922** notified

- **680** notified and on antiretroviral treatment

#### TB FINANCING 2020

- **National TB budget:** US$ 10 million

#### TB CATASTROPHIC COSTS

- Data not available

#### TB-SDG MONITORING FRAMEWORK

- **Number of TB cases attributable to 5 risk factors:**
  - Alcohol use disorder
  - Diabetes
  - HIV
  - Smoking
  - Undernourishment

- **Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.**

*Total number of eligible contacts aged ≥5 years not available by country*
**Tuberculosis Report 2017**

**Global TB-SDG Monitoring Framework**

© World Health Organization 2020

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**Malawi**

**Population:** 19 million

---

### 2019

- **27,000** fell ill with TB (15,000 – 44,000)
  - Men: 50%
  - Women: 35%
  - Children: 15%

- **17,000** people with TB notified (new and relapse)

- **10,000** people not notified or not diagnosed

- **6,900** TB deaths (4,500 – 9,800)
  - Including 4,200 deaths among people with HIV

---

#### Treatment

- **TB treatment coverage**
  - 62%
  - **2025 End TB operational target**: 90%

- **TB treatment success rate**
  - 88%

---

#### Drug-Resistant TB

- Estimate **750** (350 – 1,300) people fell ill with drug-resistant TB

---

#### TB/HIV

- **7,813** notified

- **7,765** notified and on anti-retroviral treatment

---

#### TB Preventive Treatment

- **26%** HIV-positive people (newly enrolled in care) on TB preventive treatment

- **61%** 2,551 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

---

#### TB Catastrophic Costs

- Data not available

- **TB patients facing catastrophic total costs**

---

#### TB Financing 2020

- **National TB budget** US$ 27 million

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#### TB-SDG Monitoring Framework

- **Population living below the international poverty line (% of population)**
  - 70%

- **Household health expenditure >10% of total expenditure/income (% of population)**
  - 4.2%

- **UHC index of essential service coverage**
  - 46

- **Population covered by social protection floor/systems (% of population)**
  - 42%

---

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

*Total number of eligible contacts aged ≥5 years not available by country*
MOZAMBIQUE
POPULATION: 30 MILLION

110 000 FELL ILL WITH TB (68 000 – 162 000)
m en 46%
women 22%
children 32%

96 000 people with TB notified (new and relapse)
14 000 people not notified or not diagnosed

11 000 TB DEATHS (7 600 – 16 000)
including 5 600 deaths among people with HIV

TREATMENT

TB treatment coverage 88%
2025 End TB operational target 90%

TB FINANCING 2020

National TB budget US$ 26 million

TB PREVENTIVE TREATMENT

Not reported
HIV-positive people (newly enrolled in care) on TB preventive treatment

100%
30,766 children
(aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

Data not available
(aged > 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment*

TB CATASTROPHIC COSTS

Data not available
TB patients facing catastrophic total costs

TB SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population)
63%

Household health expenditure >10% of total expenditure/income (% of population)
1.6%

UHC index of essential service coverage
46

Population covered by social protection floor/systems (% of population)
6.3%

Number of TB cases attributable to 5 risk factors

0 20 40 60
Thousands
Adolescent use disorder
Diabetes
HIV
Smoking
Undernourishment

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country

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MYANMAR
POPULATION: 54 MILLION

2019

174 000 FELL ILL WITH TB (114 000 – 245 000)

men 51% women 28% children 21%

135 000 people with TB notified (new and relapse)

39 000 people not notified or not diagnosed

22 000 TB DEATHS (14 000 – 32 000)

including 3 100 deaths among people with HIV

2025 End TB operational target

Treatment success rate 88%

TB treatment coverage 77%

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

Population living below the international poverty line (% of population)

2%

Household health expenditure >10% of total expenditure/income (% of population)

14%

UHC index of essential service coverage (% of population)

61

TB patients facing catastrophic total costs

60%

Number of TB cases attributable to 5 risk factors

26% HIV-positive people (newly enrolled in care) on TB preventive treatment

7.1% 1 226 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

Data not available (aged >5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment*
NAMIBIA
POPULATION: 2 MILLION

2019

12 000 FELL ILL WITH TB (8 700 – 16 000)

- men 56%
- women 32%
- children 12%

7 800 people with TB notified (new and relapse)

4 200 people not notified or not diagnosed

2 700 TB DEATHS (2,000 – 3,400)

- including 1,300 deaths among people with HIV

TB treatment coverage

2025

90% End TB operational target

Treatment success rate

86%

TB FINANCING 2020

National TB budget US$ 31 million

TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)

TB INCIDENCE 2000-2019

- Incidence

- Notified (new and relapse)

DRUG-RESISTANT TB

Estimate 840 (570 – 1,200) people fell ill with drug-resistant TB

289 laboratory confirmed

286 started on second-line treatment

TB PREVENTIVE TREATMENT

61%

HIV-positive people (newly enrolled in care) on TB preventive treatment

63%

1,547 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

345 (aged > 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment*

TB/HIV

3 900 people living with HIV fell ill with TB (2,800 – 5,200)

2 401 notified

2 371 notified and on antiretroviral treatment

TB CATASTROPHIC COSTS

Data not available

TB patients facing catastrophic total costs

TB-SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population)

- 13%

Household health expenditure >10% of total expenditure/income (% of population)

- 1.2%

UHC index of essential service coverage (% of population)

- 62

Population covered by social protection floor/systems (% of population)

- 16%

Number of TB cases attributable to 5 risk factors

- Alcohol use disorder
- Diabetics
- HIV
- Smoking
- Undernourishment

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country
**TUBERCULOSIS REPORT 2017**

**GLOBAL TB-SDG MONITORING FRAMEWORK** ©World Health Organization 2020

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>People with TB notified (new and relapse)</td>
<td>440,000 (287,000 – 625,000)</td>
</tr>
<tr>
<td>People not notified or not diagnosed</td>
<td>117,000</td>
</tr>
<tr>
<td>People notified and on second-line treatment</td>
<td>323,000</td>
</tr>
<tr>
<td>TB Incidence 2000-2019</td>
<td></td>
</tr>
<tr>
<td>Rate per 100,000 population</td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>250</td>
</tr>
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<td>2005</td>
<td>200</td>
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<tr>
<td>2010</td>
<td>150</td>
</tr>
<tr>
<td>2015</td>
<td>100</td>
</tr>
<tr>
<td>2020</td>
<td>50</td>
</tr>
</tbody>
</table>

**TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Rate per 100,000 population</th>
</tr>
</thead>
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<tr>
<td>2000</td>
<td>250</td>
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<tr>
<td>2005</td>
<td>200</td>
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<td>2010</td>
<td>150</td>
</tr>
<tr>
<td>2015</td>
<td>100</td>
</tr>
<tr>
<td>2020</td>
<td>50</td>
</tr>
</tbody>
</table>

**TB FINANCING 2020**

<table>
<thead>
<tr>
<th>Year</th>
<th>National TB budget US$ million</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>384</td>
</tr>
</tbody>
</table>

**TB-SDG MONITORING FRAMEWORK**

- **Population living below the international poverty line (% of population)**: 54%
- **Household health expenditure >10% of total expenditure/income (% of population)**: 15%
- **UHC index of essential service coverage (% of population)**: 42%
- **Population covered by social protection floor/systems (% of population)**: 6.4%

**TB cases attributable to 5 risk factors**

- Alcohol use disorder
- Diabetes
- HIV
- Smoking
- Undernourishment

*Total number of eligible contacts aged ≥5 years not available by country
PAKISTAN
POPULATION: 217 MILLION

2019

570 000 FELL ILL WITH TB (404 000 – 764 000)

328 000 people with TB notified (new and relapse)

242 000 people not notified or not diagnosed

44 000 TB DEATHS (36 000 – 53 000)

Including 1 900 deaths among people with HIV

TREATMENT

TB treatment coverage

2025

90% End TB operational target

Treatment success rate

93%

TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)

TB FINANCING 2020

TB/ HIV

Estimate 25 000 (16 000 – 36 000) people fell ill with drug-resistant TB

3 820 laboratory confirmed

3 004 started on second-line treatment

5 100 (3 400 – 7 200) people living with HIV fell ill with TB

624 notified

494 notified and on antiretroviral treatment

TB CATASTROPHIC COSTS

Data not available

TB patients facing catastrophic total costs

TB-preventive treatment

Not reported

5.6% HIV-positive people (newly enrolled in care) on TB preventive treatment

5 691 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

Data not available

5 years household contacts of bacteriologically confirmed TB cases on TB preventive treatment*

TB FINANCING 2020

National TB budget US$ 158 million

TB-SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population)

4%

Household health expenditure >10% of total expenditure/income (% of population)

4.5%

UHC index of essential service coverage

45

Population covered by social protection floor/systems (% of population)

17%

Number of TB cases attributable to 5 risk factors

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country

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PAPUA NEW GUINEA
POPULATION: 9 MILLION

2019

38 000 FELL ILL WITH TB (31 000 – 46 000)

men 37%
women 35%
children 28%

30 000 people with TB notified (new and relapse)

8 000 people not notified or not diagnosed

4 400 TB DEATHS (3 000 – 6 100)

including 310 deaths among people with HIV

TREATMENT

TB treatment coverage 79%

2025 End TB operational target 90%

Treatment success rate 73%

DRUG-RESISTANT TB

Estimate 2 000 (1 200 – 2 900)

people fell ill with drug-resistant TB

580 laboratory confirmed

438 started on second-line treatment

TB/HIV

1 500 people living with HIV fell ill with TB

1 204 notified

962 notified and on antiretroviral treatment

TB PREVENTIVE TREATMENT

25% HIV-positive people (newly enrolled in care) on TB preventive treatment

35% 1,249 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

236 (aged > 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment*

TB CATASTROPHIC COSTS

34% TB patients facing catastrophic total costs

National TB budget US$ 34 million

US millions

2020

35
30
25
20
15
10
5
0

2019

TB FINANCING 2020

TB SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population)

38%

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

WHO GLOBAL TB REPORT 2020

TB INCIDENCE 2000-2019

TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)

Total number of eligible contacts aged ≥5 years not available by country

* Total number of eligible contacts aged ≥5 years not available by country

©World Health Organization 2020
PEOPLE WITH TB NOTIFIED (NEW AND RELAPSE) 39,000
PEOPLE NOT NOTIFIED OR NOT DIAGNOSED 32,000
PEOPLE NOTIFIED (NEW AND RELAPSE) 7,000

TB INCIDENCE 2000-2019

TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)

TB FINANCING 2020

TB SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population)
3%

Household health expenditure >10% of total expenditure/income (% of population)
9.2%

UHC index of essential service coverage
77

Population covered by social protection floor/systems (% of population)
65%

Number of TB cases attributable to 5 risk factors

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country

© World Health Organization 2020
PHILIPPINES
POPULATION: 108 MILLION

2019

599 000 FELL ILL WITH TB (336 000 – 936 000)

- men 62%
- women 26%
- children 12%

490 000 people with TB notified (new and relapse)

190 000 people not notified or not diagnosed

28 000 TB DEATHS (24 000 – 32 000)

including 810 deaths among people with HIV

TB INCIDENCE 2000-2019

TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)

Population living below the international poverty line (% of population)

- 6%

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

TREATMENT

TB treatment coverage

2025

90%

End TB operational target

Treatment success rate

83%

TB FINANCING 2020

National TB budget US$ 217 million

Number of TB cases attributable to 5 risk factors

- Alcohol use disorder
- Diabetes
- HIV
- Smoking
- Undernourishment

Population covered by social protection floors/systems (% of population)

- 61

Population covered by UHC (% of population)

- 41%

TB/ HIV

Estimate 21 000 (10 000 – 34 000) people fell ill with drug-resistant TB

7 492 laboratory confirmed

6 169 started on second-line treatment

11 000 (4 700 – 21 000) people living with HIV fell ill with TB

1 615 notified

1 509 notified and on antiretroviral treatment

DRUG-RESISTANT TB

HIV-positive people (newly enrolled in care) on TB preventive treatment

- 54%

(aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

- 3.4%

(aged >5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

- 265

35% TB patients facing catastrophic total costs

TB CATASTROPHIC COSTS

Year of survey: 2017

TB PREVENTIVE TREATMENT

1 915 children

(aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

2020

TB-SDG MONITORING FRAMEWORK

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country

©World Health Organization 2020
2019

**3,200 FELL ILL WITH TB** (2,800 – 3,700)

- Men: 71%
- Women: 25%
- Children: 4%

**2,800 people with TB notified (new and relapse)**

**400 people not notified or not diagnosed**

**250 TB DEATHS** (220 – 290)

- Including 55 deaths among people with HIV

**TREATMENT**

**TB treatment coverage** 87%

**2025 End TB operational target** 90%

**TB FINANCING 2020**

- National TB budget US$ 13 million

**TB PREVENTIVE TREATMENT**

- **15%** HIV-positive people (newly enrolled in care) on TB preventive treatment

- **89%** Household health expenditure >10% of total expenditure/income (% of population)

- **69** UHC index of essential service coverage

- **57%** Population covered by social protection floors/systems (% of population)

- Number of TB cases attributable to 5 risk factors

**TB INCIDENCE 2000-2019**

**TB MORTALITY 2000-2019** (EXCLUDES PEOPLE WITH HIV)

**TB CATASTROPHIC COSTS**

- Data not available

**TB SDG MONITORING FRAMEWORK**

- Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

*Total number of eligible contacts aged ≥5 years not available by country
TUBERCULOSIS REPORT 2017
GLOBAL TB-SDG MONITORING FRAMEWORK
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WHO GLOBAL TB REPORT 2020

people with TB notified (new and relapse)
people not notified or not diagnosed

Population living below the international poverty line (% of population)

Undernourishment

Smoking

HIV-positive people (newly enrolled in care) on TB preventive treatment

TB patients facing catastrophic total costs

TB FINANCING 2020

National TB budget US$ 1,571 million

TB SDG MONITORING FRAMEWORK

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country

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SIERRA LEONE
POPULATION: 8 MILLION

2019
23 000 FELL ILL WITH TB (15 000 – 33 000)
men 51% women 35% children 14%
18 000 people with TB notified (new and relapse)
5 000 people not notified or not diagnosed

3 100 TB DEATHS (2 000 – 4 400)
including 680 deaths among people with HIV

TREATMENT
TB treatment coverage 77%
2025 90%
End TB operational target

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

2020 End TB milestone

DRUG-RESISTANT TB
Estimate 640 (260 – 1 200) people fell ill with drug-resistant TB

TB/HIV
177 laboratory confirmed
147 started on second-line treatment
3 000 (1 900 – 4 400) people living with HIV fell ill with TB
2 294 notified
2 292 notified and on antiretroviral treatment

TB FINANCING 2020
National TB budget US$ 9 million

Number of TB cases attributable to 5 risk factors

TB PREVENTIVE TREATMENT
65% HIV-positive people (newly enrolled in care) on TB preventive treatment
Not reported children household contacts of bacteriologically confirmed TB cases on TB preventive treatment
Data not available household contacts of bacteriologically confirmed TB cases on TB preventive treatment*

TB FINANCING 2020

TB CATASTROPHIC COSTS
Data not available
TB patients facing catastrophic total costs

* Total number of eligible contacts aged ≥5 years not available by country

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SOMALIA
POPULATION: 15 MILLION

2019

40 000 FELL ILL WITH TB (26 000 – 57 000)

- men 46%
- women 33%
- children 21%

17 000 people with TB notified (new and relapse)

23 000 people not notified or not diagnosed

10 000 TB DEATHS (6 200 – 16 000)

including 170 deaths among people with HIV

TREATMENT

TB treatment coverage 42%

2025

90% End TB operational target

TB INCIDENCE 2000-2019

TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)

DRUG-RESISTANT TB

Estimate 4 100 (2 200 – 6 500) people fell ill with drug-resistant TB

398 laboratory confirmed

335 started on second-line treatment

TB/HIV

360 (230 – 530) people living with HIV fell ill with TB

138 notified

99 notified and on antiretroviral treatment

TB PREVENTIVE TREATMENT

22% HIV-positive people (newly enrolled in care) on TB preventive treatment

Not reported

- children (aged < 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

Data not available

- (aged > 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

TB CATASTROPHIC COSTS

Data not available

TB patients facing catastrophic total costs

TB FINANCING 2020

National TB budget US$ 8 million

- Unfunded
- Funded internationally
- Funded domestically

TB-SDG MONITORING FRAMEWORK

- Number of TB cases attributable to 5 risk factors

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.
TAJIKISTAN
POPULATION: 9 MILLION

2019
7 700 FELL ILL WITH TB (6 000 – 9 700)
men 51% women 41% children 8%
5 800 people with TB notified (new and relapse)
1 900 people not notified or not diagnosed

790 TB DEATHS (710 – 870)
including 57 deaths among people with HIV

TREATMENT
TB treatment coverage
74%
2025
90% End TB operational target

TB INCIDENCE 2000-2019
Rate per 100,000 population

TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)
Number of deaths

DRUG-RESISTANT TB
Estimate 2 400 (1 800 – 3 000) people fell ill with drug-resistant TB

TB/HIV
878 laboratory confirmed
645 started on second-line treatment

878
230 (170 – 300) people living with HIV fell ill with TB

TB FINANCING 2020
National TB budget US$ 13 million

TB CATASTROPHIC COSTS

TB PREVENTIVE TREATMENT
76%
HIV-positive people (newly enrolled in care) on TB preventive treatment

100%
2 847 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

104
(aged > 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment*

Data not available
TB patients facing catastrophic total costs

Population living below the international poverty line (% of population)
5%
Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

Number of TB cases attributable to 5 risk factors

* Total number of eligible contacts aged ≥5 years not available by country

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THAILAND
POPULATION: 70 MILLION

2019

105,000 FELL ILL WITH TB (79,000 – 133,000)

- men 69%
- women 28%
- children 3%

88,000 people with TB notified (new and relapse)

17,000 people not notified or not diagnosed

11,000 TB DEATHS (8,900 – 14,000)

- including 1,900 deaths among people with HIV

TREATMENT

TB treatment coverage

2025

90% End TB operational target

Treatment success rate

85%

DRUG-RESISTANT TB

Estimate 2,500 (1,400 – 3,900) people fell ill with drug-resistant TB

TB/HIV

1,221 laboratory confirmed

1,095 started on second-line treatment

10,000 (7,900 – 13,000) people living with HIV fell ill with TB

TB FINANCING 2020

National TB budget US$ 31 million

TB CATASTROPHIC COSTS

Data not available

TB patients facing catastrophic total costs

TB PREVENTIVE TREATMENT

0.41% HIV-positive people (newly enrolled in care) on TB preventive treatment

56% 4,512 children (aged < 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

5,640 (aged > 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

TB-SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population)

0%

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

Incidence

TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)

TB FINANCING 2020

National TB budget US$ 31 million

Number of TB cases attributable to 5 risk factors

- Alcohol use disorder
- Diabetes
- HIV
- Smoking
- Undernourishment

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**UGANDA**

**POULATION: 44 MILLION**

- **2019**
  - **88 000** FELL ILL WITH TB
    - **66 000** notified (new and relapse)
    - **22 000** not notified or not diagnosed
    - **52%** men, **30%** women, **18%** children

- **16 000** TB DEATHS
  - **11 000 – 21 000** excluding 8 500 deaths among people with HIV

**TREATMENT**

- **TB treatment coverage**
  - **75%**
  - **2025**
  - **90%** End TB operational target

- **Drug-resistant TB**
  - **1 500** laboratory confirmed
  - **549** people fell ill with drug-resistant TB
  - **558** started on second-line treatment

- **TB/HIV**
  - **35 000** people living with HIV fell ill with TB
  - **25 810** notified
  - **25 125** notified and on antiretroviral treatment

**TB PREVENTIVE TREATMENT**

- **46%** HIV-positive people (newly enrolled in care) on TB preventive treatment
- **29%** children (aged < 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

**TB CATASTROPHIC COSTS**

- **53%** TB patients facing catastrophic total costs

**TB FINANCING 2020**

- **National TB budget US$ 40 million**
  - **25 000 – 53 000** notified
  - **20 000 – 53 000** started on second-line treatment

**TB-SDG MONITORING FRAMEWORK**

- Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

*Total number of eligible contacts aged ≥5 years not available by country*
UKRAINE
POPULATION: 44 MILLION

2019

34 000 FELL ILL WITH TB (22 000 – 48 000)

men 66% women 30% children 4%

25 000 people with TB notified (new and relapse)

9 000 people not notified or not diagnosed

5 100 TB DEATHS (4 400 – 5 900)

including 1 900 deaths among people with HIV

TREATMENT

TB treatment coverage 75%

2025 End TB operational target 90%

Treatment success rate 77%

5 800 notified

4 860 notified and on antiretroviral treatment

DRUG-RESISTANT TB

Estimate 11 000 (7 100 – 16 000) people fell ill with drug-resistant TB

6 051 laboratory confirmed

7 809 started on second-line treatment

TB/HIV

7 800 (5 000 – 11 000) people living with HIV fell ill with TB

TB FINANCING 2020

National TB budget US$ 148 million

TB CATASTROPHIC COSTS

Data not available

TB patients facing catastrophic total costs

TB PREVENTIVE TREATMENT

56% HIV-positive people (newly enrolled in care) on TB preventive treatment

100% 2 777 children (aged < 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

26 069 (aged > 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

TB-SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population) 0%

Household health expenditure >10% of total expenditure/income (% of population) 7.8%

UHC index of essential service coverage 68

Population covered by social protection floor/systems (% of population) 70%

Number of TB cases attributable to 5 risk factors

Alcohol use disorder

Diabetes

HIV

Smoking

Undernourishment

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

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* Total number of eligible contacts aged ≥5 years not available by country
**UNITED REPUBLIC OF TANZANIA**

**POPULATION: 58 MILLION**

### 2019

- **137 000** FELL ILL WITH TB
  - men 56%
  - women 29%
  - children 15%

- **81 000** people with TB notified (new and relapse)

- **56 000** people not notified or not diagnosed

### Treatment

- **TB treatment coverage**
  - 2025
  - 90%

- **Treatment success rate**
  - 92%

### Drug-Resistant TB

- **Estimate 1 700** people fell ill with drug-resistant TB

### TB/HIV

- **534** laboratory confirmed

- **518** started on second-line treatment

- **33 000** people living with HIV fell ill with TB

- **19 161** notified

- **18 839** notified and on antiretroviral treatment

### TB Preventive Treatment

- **6%** HIV-positive people (newly enrolled in care) on TB preventive treatment

- **39%** 7 917 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

### TB Catastrophic Costs

- **45%** 25 000 TB patients facing catastrophic total costs

### TB Financing 2020

- **National TB budget US$ 76 million**

### TB-SDG Monitoring Framework

- **Number of TB cases attributable to 5 risk factors**
  - Alcohol use disorder
  - Diabetes
  - HIV
  - Smoking
  - Undernourishment

- **Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.**

*Total number of eligible contacts aged ≥5 years not available by country*

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UZBEKISTAN

POPULATION: 33 MILLION

2019

22 000 FELL ILL WITH TB (15 000 – 30 000)

men 46%  

women 39%  

children 15%

16 000 people with TB notified (new and relapse)

6 000 people not notified or not diagnosed

1 800 TB DEATHS (1 600 – 1 900)

including 230 deaths among people with HIV

TB treatment coverage

2025 90% End TB operational target

Treatment success rate

92%

TB FINANCING 2020

TB CATASTROPHIC COSTS

Data not available

TB patients facing catastrophic total costs

TB SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population)

62%

Household health expenditure >10% of total expenditure/income (% of population)

6.7%

UHC index of essential service coverage

73%

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

* Total number of eligible contacts aged ≥5 years not available by country

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VIET NAM
POPULATION: 96 MILLION

2019

170 000 **FELL ILL WITH TB** (108 000 – 246 000)

- men 69%
- women 27%
- children 4%

103 000 people with TB notified (new and relapse)

67 000 people not notified or not diagnosed

11 000 **TB DEATHS** (7 700 – 16 000)

including 2 000 deaths among people with HIV

**TB INCIDENCE 2000-2019**

**TB MORTALITY 2000-2019** (EXCLUDES PEOPLE WITH HIV)

**TB INCIDENCE 2000-2019**

**TB MORTALITY 2000-2019** (EXCLUDES PEOPLE WITH HIV)

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

**Population living below the international poverty line (% of population)**

- 2%

**Undernourishment**

- 75

**Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.**

**TB-SDG MONITORING FRAMEWORK**

- **Population living below the international poverty line (% of population)**
  - 2%
- **Undernourishment**
  - 75
- **HIV index of essential service coverage**
  - 94%
- **Number of TB cases attributable to 5 risk factors**
  - 35%

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### ZAMBIA
#### POPULATION: 18 MILLION

**2019**

- **59 000** FELL ILL WITH TB (39 000 – 85 000)
  - men **56%**
  - women **33%**
  - children **11%**

- **36 000** people with TB notified (new and relapse)

- **23 000** people not notified or not diagnosed

**15 000 TB DEATHS** (11 000 – 20 000)
- including **9 500 deaths** among people with HIV

### TREATMENT

**TB treatment coverage**
- **2025** 90% End TB operational target
- **61%**

**TB incidence 2000-2019**
- Rate per 100,000 population

**TB mortality 2000-2019**
- (EXCLUDES PEOPLE WITH HIV)

**TB financing 2020**
- National TB budget **US$ 49 million**

**TB catastrophic costs**
- Data not available

**TB-SDG monitoring framework**

#### Monitoring framework indicators
- Number of TB cases attributable to 5 risk factors
- Undernourishment
- Smoking
- Alcohol use disorder
- Diabetes
- HIV

**TB cases attributable to 5 risk factors**

- **58%** Population living below the international poverty line (% of population)
- **0.29%** Household health expenditure > 10% of total expenditure/income (% of population)
- **53** UHC index of essential service coverage (% of population)
- **1.6%** Population covered by social protection floor/systems (% of population)

**Alcohol use disorder**
- **0**

**Diabetes**
- **10**

**HIV**
- **30**

**Smoking**
- **10**

**Undernourishment**
- **20**

*Total number of eligible contacts aged ≥5 years not available by country*
ZIMBABWE
POPULATION: 15 MILLION

2019

29 000 FELL ILL WITH TB (22 000 – 38 000)

- men 55%
- women 36%
- children 9%

21 000 people with TB notified (new and relapse)

8 000 people not notified or not diagnosed

6 300 TB DEATHS (4 800 – 8 000)

including 4 600 deaths among people with HIV

TB treatment coverage

2025

90%

End TB operational target

TB treatment coverage

72%

TC-SDG MONITORING FRAMEWORK

Population living below the international poverty line (% of population)

34%

Monitoring of the above indicators can be used to identify key influences on the TB epidemic at national level and inform the multisectoral actions required to end TB.

TB/ HIV

1 200 (850 – 1 600) people fell ill with drug-resistant TB

Estimate

331 laboratory confirmed

329 started on second-line treatment

TB FINANCING 2020

National TB budget US$ 32 million

Data not available

(aged > 5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

TB PREVENTIVE TREATMENT

89%

HIV-positive people (newly enrolled in care) on TB preventive treatment

47%

2 612 children (aged <5 years) household contacts of bacteriologically confirmed TB cases on TB preventive treatment

UHC index of essential service coverage

54

Population covered by social protection floors/systems (% of population)

30%

Unfunded

35

Funded internationally

25

Funded domestically

20

35

15

10

5

0

US$ millions

2020

2019

2015

2010

2005

2000

Year of survey: 2018

TB patients facing catastrophic total costs

80%

331 11 204

Thousands

12 280 notified

11 204 notified and on antiretroviral treatment

TB CATASTROPHIC COSTS

17 000 (13 000 – 23 000) people living with HIV fell ill with TB

TB FINANCING 2020

TB MORTALITY 2000-2019 (EXCLUDES PEOPLE WITH HIV)

2020 End TB milestone

TB INCIDENCE 2000-2019

TB/HIV

TB/ HIV

TB MORTALITY 2000-2019

2020 End TB milestone

TB FINANCING 2020

TB CATASTROPHIC COSTS

TB PROVENTIVE TREATMENT

Data not available

TB patients facing catastrophic total costs

80%

2019

2018

2017

2016

Number of TB cases attributable to 5 risk factors

Alcohol use disorder

Diabetes

HIV

Smoking

Undernourishment

0

5

10

15

20

Thousands

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