**Number of adults (20–79 years) with diabetes worldwide**

**North America & Caribbean**
- **63 million**
- **56 million**
- **48 million**
- **33% increase**
- 1 in 5 adults in this Region is at risk of type 2 diabetes
- 43% of global diabetes-related health expenditure occurs in this Region

**South & Central America**
- **49 million**
- **40 million**
- **32 million**
- **55% increase**
- 2 in 5 people with diabetes were undiagnosed
- Only 9% of global diabetes-related health expenditure for diabetes is spent in this Region

**Africa**
- **47 million**
- **29 million**
- **19 million**
- **143% increase**
- 3 in 5 people with diabetes are undiagnosed
- 3 in 4 deaths due to diabetes in people under the age of 60

**Middle East & North Africa**
- **108 million**
- **76 million**
- **55 million**
- **96% increase**
- 1 in 8 people have diabetes
- 1 in 2 deaths due to diabetes were in people under the age of 60

**South-East Asia**
- **153 million**
- **115 million**
- **88 million**
- **74% increase**
- 1 in 5 adults with diabetes lives in this Region
- 1 in 4 live births are affected by hyperglycaemia in pregnancy

**Western Pacific**
- **212 million**
- **174 million**
- **163 million**
- **31% increase**
- 1 in 3 adults with diabetes lives in this Region
- 1 in 3 deaths due to diabetes occur in this Region

**Worldwide**
- **700 million**
- **578 million**
- **463 million**
- **51% increase**
- 1 in 5 adult deaths are affected by diabetes
- 1 in 3 adults with diabetes lives in middle-income countries
- 87% of diabetes-related deaths occur in low- and middle-income countries
- Only 35% of diabetes-related health expenditure is spent there.

**Diabetes affects people of all ages, typically showing higher prevalence with increasing age up to 60–69 years.**

**1 in 5 people older than 65 years have diabetes.**

**1 in 3 of adults at risk of developing type 2 diabetes, live in the Western Pacific Region.**

**67% of adults with diabetes live in top 10 countries and 70% of diabetes-related health expenditure is spent in these countries.**

**Deaths attributable to diabetes by age (20–79 years), 2019**

**Prevalence (%) estimates of diabetes by age and income group, 2019**

**Proportion (%) of people with undiagnosed diabetes in IDF Regions, 2019**

**Number of adults with diabetes (20–79 years) with impaired glucose tolerance**

**Number of adults with diabetes (20–79 years) with hyperglycaemia in pregnancy**

**Mean diabetes-related health expenditure per person (USD)**

**Total diabetes-related health expenditure (billion USD)**

**Corporate sponsor**

The 9th edition has been produced thanks to an educational grant (2018–2019) from:

**Need more information?**

www.diabetesatlas.org

scan QR code

or contact atlas@idf.org
## Country summary table: estimates 2019

<table>
<thead>
<tr>
<th>Country or territory</th>
<th>Adults with diabetes (20–79 y)</th>
<th>Cost per person with diabetes (20–79 y)</th>
<th>Diabetes-related costs (20–79 y)</th>
<th>Proportion of savings (20–79 y)</th>
<th>$ in 2019</th>
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1. Based on extrapolation from three similar countries.