



Diabetes in Europe - 2024



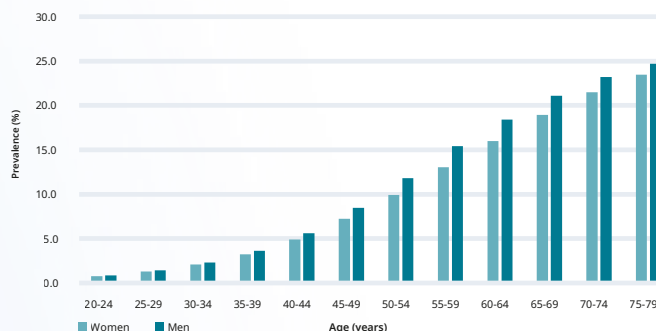
Age-standardised prevalence (%) of diabetes (20-79 years)



Highlights

- 1 in 10 adults have diabetes – 66 million.
- 1 in 3 (34%) adults living with diabetes are undiagnosed.
- The Region has the highest number of people with type 1 diabetes (2.7 million).
- Diabetes-related expenditure totals USD 193 billion – 19% of global expenditure.
- The Region has the second highest average cost per person with diabetes (20-79 years) – USD 2,951.
- 1 in 7 live births are affected by hyperglycaemia in pregnancy.

Estimated prevalence (%) of diabetes by age and sex



Adults with diabetes (20-79y)

2050 72.4 Million
2024 65.6 Million

↑ 10% increase

Top 5 countries

| | 2024 | 2050 |
|---|------|-------|
| Top five countries for number of adults with diabetes (20-79 years) | | |
| Turkey | 9.6m | 14.1m |
| Russian Federation | 7.6m | 7.7m |
| Germany | 6.5m | 6.1m |
| Italy | 5.0m | 4.7m |
| Spain | 4.7m | 4.9m |

Top 5 countries

| | 2024 | 2050 |
|--|-------|-------|
| Top five countries for age-standardised prevalence of adults with diabetes (20-79 years) | | |
| Turkey | 16.5% | 18.6% |
| Montenegro | 10.7% | 12.3% |
| Albania | 10.6% | 12.3% |
| Portugal | 10.5% | 12.2% |
| Croatia | 10.5% | 12.2% |

At a glance

| | 2024 | 2050 |
|--|---------|-------|
| Adult population (20-79 years) | 672m | 659m |
| Diabetes (20-79 years) | | |
| Regional prevalence | 9.8% | 11.0% |
| Age-standardised prevalence | 8.0% | 9.4% |
| Number of people with diabetes (20-79 years) | 66m | 72m |
| Number of deaths due to diabetes (20-79 years) | 433,000 | |
| Healthcare expenditure due to diabetes (20-79 years) | | |
| Total healthcare expenditure, USD | 193b | 179b |
| Impaired glucose tolerance (20-79 years) | | |
| Regional prevalence | 6.8% | 7.0% |
| Age-standardised prevalence | 5.9% | 6.2% |
| Number of people with impaired glucose tolerance | 45.9m | 46.2m |
| Impaired fasting glucose (20-79 years) | | |
| Regional prevalence | 5.9% | 6.0% |
| Age-standardised prevalence | 5.3% | 5.7% |
| Number of people with impaired glucose tolerance | 39.7m | 40.4m |
| Undiagnosed diabetes (20-79 years) | | |
| Regional proportion | 33.6% | |
| Number of people with undiagnosed diabetes | 22m | |
| Type 1 diabetes (all age groups) | | |
| Number of people with type 1 diabetes | 2.7m | |

m = million | b = billion

The IDF Diabetes Atlas 11th edition has been produced thanks to unrestricted educational grants from



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Diabetes in Europe - 2024



| Europe | | | | | | | | | | |
|------------------------|------------------------------------|--|----------------------------------|---|--|--|-----------------------------------|--------------------------|---|--|
| Country or territory | Adult population (20-79 y), 1,000s | Adults with diabetes (20-79 y), 1,000s | Diabetes prevalence (20-79 y), % | Diabetes age-standardised prevalence (20-79 y), % | Total diabetes health expenditure, (USD) | Cost per person with diabetes (20-79 y), USD | Diabetes-related deaths (20-79 y) | Type 1 diabetes (0-19 y) | Proportion of undiagnosed diabetes (20-79 y), % | One in X adults (20-79 y) has diabetes |
| Albania | 2,103.3 | 261.4 | 12.4 | 10.6 | 170,770,833.2 | 653.2 | 1,120 | 3,497 | 33.5 | 8 |
| Andorra | 63.4 | 7.9 | 12.5 | 10.1 | 24,918,211.5 | 3,138.9 | 43 | | 28.5 | 8 |
| Armenia | 1,977.1 | 168.1 | 8.5 | 7.7 | 198,534,698.8 | 1,181.1 | 1,125 | 3,382 | 40.6 | 12 |
| Austria | 6,698.2 | 479.4 | 7.2 | 5.4 | 3,004,882,944.8 | 6,267.7 | 4,453 | 27,042 | 28.5 | 14 |
| Azerbaijan | 7,239.2 | 715.3 | 9.9 | 10.2 | 346,056,181.3 | 483.8 | 4,379 | 9,533 | 33.9 | 10 |
| Belarus | 7,049.3 | 445.4 | 6.3 | 5.1 | 540,340,717.2 | 1,213.2 | 3,660 | 27,792 | 29.1 | 16 |
| Belgium | 8,483.8 | 641.6 | 7.6 | 5.9 | 3,649,563,678.5 | 5,688.7 | 5,377 | 39,326 | 37.0 | 13 |
| Bosnia and Herzegovina | 2,445.6 | 316.4 | 12.9 | 10.3 | 365,844,483.7 | 1,156.3 | 2,116 | 6,077 | 33.5 | 8 |
| Bulgaria | 5,036.3 | 482.0 | 9.6 | 7.4 | 898,947,982.2 | 1,864.8 | 3,425 | 9,244 | 38.1 | 10 |
| Croatia | 3,000.1 | 409.8 | 13.7 | 10.5 | 445,995,047.9 | 1,088.3 | 4,658 | 11,399 | 28.5 | 7 |
| Cyprus | 957.6 | 106.1 | 11.1 | 10.0 | 244,924,276.3 | 2,307.6 | 742 | 2,984 | 36.6 | 9 |
| Czechia | 7,810.4 | 765.9 | 9.8 | 7.6 | 1,673,241,959.2 | 2,184.6 | 4,341 | 33,205 | 16.7 | 10 |
| Denmark | 4,319.0 | 354.7 | 8.2 | 6.4 | 2,737,744,209.4 | 7,717.7 | 3,476 | 30,596 | 22.3 | 12 |
| Estonia | 952.1 | 83.9 | 8.8 | 6.9 | 143,055,162.7 | 1,704.4 | 434 | 5,260 | 48.7 | 11 |
| Faroe Islands | 36.3 | 2.5 | 7.0 | 5.3 | | | 28 | | 31.4 | 14 |
| Finland | 4,082.1 | 400.4 | 9.8 | 6.9 | 2,049,075,184.1 | 5,118.0 | 4,042 | 54,307 | 18.8 | 10 |
| France | 45,839.8 | 4,107.0 | 9.0 | 6.5 | 22,500,449,823.6 | 5,478.5 | 33,903 | 174,694 | 24.1 | 11 |
| Georgia | 2,589.7 | 200.7 | 7.8 | 6.7 | 186,712,560.2 | 930.3 | 1,510 | 7,291 | 36.9 | 13 |
| Germany | 61,438.1 | 6,485.3 | 10.6 | 7.8 | 40,448,132,549.2 | 6,236.9 | 62,717 | 336,936 | 20.4 | 9 |
| Greece | 7,659.6 | 873.8 | 11.4 | 8.0 | 1,491,460,097.7 | 1,706.9 | 8,272 | 23,699 | 28.5 | 9 |
| Greenland | 40.5 | 2.0 | 5.0 | 4.3 | | | 41 | | 28.5 | 20 |
| Guernsey | 47.2 | 4.2 | 8.9 | 7.6 | | | 34 | 349 | 28.5 | 11 |
| Hungary | 7,559.1 | 765.0 | 10.1 | 8.3 | 1,068,496,147.1 | 1,396.7 | 5,786 | 30,670 | 16.7 | 10 |
| Iceland | 271.8 | 21.9 | 8.1 | 6.9 | 176,657,677.2 | 8,054.8 | 166 | 1,406 | 28.5 | 12 |
| Ireland | 3,599.3 | 158.5 | 4.4 | 3.6 | 1,146,587,524.4 | 7,234.2 | 1,465 | 25,659 | 31.2 | 23 |
| Isle of Man | 62.9 | 6.4 | 10.2 | 7.5 | | | 56 | | 28.5 | 10 |
| Israel | 5,720.5 | 616.4 | 10.8 | 10.1 | 2,861,112,399.1 | 4,641.4 | 7,060 | 22,819 | 28.5 | 9 |
| Italy | 44,145.3 | 5,018.4 | 11.4 | 7.7 | 15,423,128,121.7 | 3,073.3 | 62,365 | 183,782 | 28.5 | 9 |
| Jersey | 85.8 | 7.6 | 8.8 | 7.6 | | | 75 | 556 | 28.5 | 11 |
| Kazakhstan | 12,181.8 | 842.3 | 6.9 | 6.8 | 642,040,133.0 | 762.2 | 4,849 | 23,273 | 56.7 | 14 |
| Kosovo | 1,152.8 | 119.6 | 10.4 | 10.4 | | | 1,150 | 2,247 | 33.5 | 10 |
| Kyrgyzstan | 3,885.9 | 263.1 | 6.8 | 7.6 | 60,918,197.1 | 231.5 | 1,779 | 2,557 | 56.7 | 15 |
| Latvia | 1,316.9 | 126.6 | 9.6 | 7.1 | 163,375,362.2 | 1,290.0 | 735 | 6,921 | 28.5 | 10 |
| Liechtenstein | 30.2 | 2.9 | 9.7 | 7.2 | | | 20 | | 28.5 | 10 |
| Lithuania | 1,980.5 | 210.6 | 10.6 | 7.5 | 274,611,769.2 | 1,304.2 | 1,947 | 7,675 | 28.5 | 9 |
| Luxembourg | 496.3 | 33.1 | 6.7 | 5.8 | 265,337,496.9 | 8,026.0 | 248 | 2,327 | 26.2 | 15 |



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| Europe | | | | | | | | | | |
|----------------------|------------------------------------|--|----------------------------------|---|--|--|-----------------------------------|--------------------------|---|--|
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| Malta | 417.0 | 48.0 | 11.5 | 10.0 | 136,126,487.7 | 2,833.4 | 334 | 2,519 | 43.2 | 9 |
| Moldova | 2,421.6 | 165.5 | 6.8 | 6.3 | 92,390,518.4 | 558.4 | 1,834 | 3,040 | 36.9 | 15 |
| Monaco | 24.2 | 2.8 | 11.4 | 6.9 | 7,420,529.2 | 2,690.6 | 17 | | 28.5 | 9 |
| Montenegro | 454.1 | 57.8 | 12.7 | 10.7 | | | 383 | 1,663 | 33.5 | 8 |
| Netherlands | 13,074.9 | 895.7 | 6.9 | 5.0 | 5,585,326,123.0 | 6,235.4 | 8,575 | 66,784 | 28.5 | 15 |
| North Macedonia | 1,589.8 | 140.8 | 8.9 | 7.4 | 134,140,566.5 | 952.6 | 938 | 2,292 | 33.5 | 11 |
| Norway | 4,027.4 | 246.2 | 6.1 | 4.8 | 2,517,503,425.1 | 10,226.8 | 1,368 | 36,351 | 28.5 | 16 |
| Poland | 30,478.8 | 3,098.6 | 10.2 | 8.1 | 3,826,247,143.7 | 1,234.8 | 20,326 | 130,658 | 18.9 | 10 |
| Portugal | 7,683.9 | 1,094.8 | 14.3 | 10.5 | 2,362,337,321.8 | 2,157.8 | 8,730 | 33,353 | 43.6 | 7 |
| Romania | 14,584.5 | 1,320.0 | 9.1 | 7.5 | 1,188,180,622.6 | 900.1 | 10,034 | 25,578 | 21.4 | 11 |
| Russian Federation | 106,300.4 | 7,577.6 | 7.1 | 5.9 | 13,908,283,934.9 | 1,835.5 | 5,062 | 323,062 | 40.5 | 14 |
| San Marino | 25.9 | 3.1 | 12.2 | 8.6 | 11,715,633.9 | 3,720.0 | 16 | | 28.5 | 8 |
| Serbia | 5,407.1 | 718.5 | 13.3 | 10.5 | 1,003,244,301.7 | 1,396.3 | 5,213 | 13,487 | 33.5 | 8 |
| Slovakia | 4,317.2 | 393.6 | 9.1 | 7.1 | 615,928,526.7 | 1,565.0 | 2,707 | 18,679 | 28.5 | 11 |
| Slovenia | 1,578.5 | 153.4 | 9.7 | 7.0 | 360,439,568.9 | 2,349.3 | 1,453 | 5,462 | 28.5 | 10 |
| Spain | 35,645.7 | 4,660.2 | 13.1 | 9.7 | 13,089,885,041.1 | 2,808.9 | 22,125 | 189,078 | 35.5 | 8 |
| Sweden | 7,572.9 | 566.6 | 7.5 | 5.8 | 4,011,914,709.5 | 7,081.1 | 4,484 | 82,827 | 28.5 | 13 |
| Switzerland | 6,576.5 | 433.3 | 6.6 | 5.3 | 5,301,343,052.5 | 12,234.2 | 2,848 | 20,756 | 28.5 | 15 |
| Tajikistan | 5,631.5 | 383.5 | 6.8 | 8.0 | 61,401,514.0 | 160.1 | 1,936 | 4,465 | 56.7 | 15 |
| Turkey | 58,964.3 | 9,603.1 | 16.3 | 16.5 | 9,656,242,550.9 | 1,005.5 | 42,558 | 195,853 | 45.5 | 6 |
| Turkmenistan | 3,997.0 | 264.1 | 6.6 | 7.1 | 439,649,418.1 | 1,664.5 | 1,854 | 3,488 | 39.5 | 15 |
| Ukraine | 28,640.9 | 2,276.8 | 8.0 | 6.0 | 1,421,868,149.9 | 624.5 | 18,003 | 108,643 | 36.9 | 13 |
| United Kingdom | 48,678.5 | 4,454.6 | 9.2 | 7.4 | 23,630,576,669.6 | 5,304.7 | 27,194 | 340,794 | 28.7 | 11 |
| Uzbekistan | 21,888.0 | 1,501.9 | 6.9 | 7.5 | 315,706,453.7 | 210.2 | 7,447 | 15,548 | 74.0 | 15 |