



# Diabetes in Europe - 2024



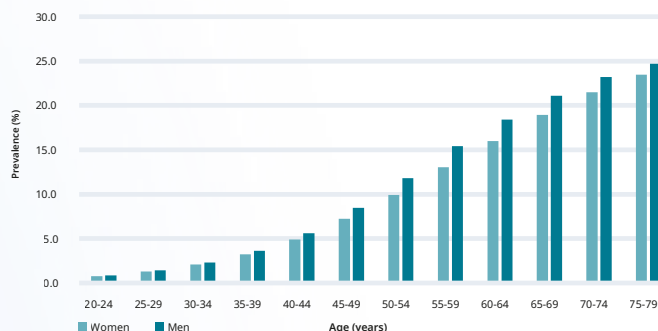
## Age-standardised prevalence (%) of diabetes (20-79 years)



## 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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Contact [atlas@idf.org](mailto:atlas@idf.org)





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## 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 (all age groups)	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



# 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 (all age groups)	Proportion of undiagnosed diabetes (20-79 y), %	One in X adults (20-79 y) has diabetes
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