

Diabetes Atlas, International Diabetes Federation

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Summary

The International Diabetes Federation (IDF) is an umbrella organization of over 230 national diabetes associations in 170 countries and territories. It represents the interests of the growing number of people with diabetes and those at risk. The Federation has been leading the global diabetes community since 1950.

Tables In IFs

Variable	Definition	Years	Last IFs Update	UsedInPreprocessor	UsedInPreprocessor	FileName
HealthDiabetesPrev%	Prevalence of diabetes	2003,2013-2015,2017,2019,2021,2025,2035,2040	9/17/2024	1		HEALTH
HealthDiabetesPrevFemale	Prevalence of diabetes among females aged 20-79.	2003, 2025	3/28/2009	0		
HealthDiabetesPrevMale	Prevalence of diabetes among males aged 20-79.	2003, 2025	3/28/2009	0		
HealthIGTPrev%	Prevalence of impaired glucose intolerance	200,320,132,015,202,000,000,000	4/22/2016	1		HEALTH
HealthIGTPrevFemale	Prevalence of impaired glucose intolerance among females aged 20-79.	2003, 2025	3/28/2009	0		
HealthIGTPrevMale	Prevalence of impaired glucose intolerance among males aged 20-79.	2003, 2025	3/28/2009	0		
HealthDiabetesPrev20-39	Average number of people per million, between the ages 20-39, with diabetes	2003, 2025	1/7/2009	0		
HealthDiabetesPrev40-59	Average number of people per million, between the ages 40-59, with diabetes	2003, 2025	1/7/2009	0		
HealthDiabetesPrev60-79	Average number of people per million, between the ages 60-79, with diabetes	2003, 2025	1/7/2009	0		
HealthIGTPrev20-39	Average number of people per million, between the ages 20-39, with Impaired Glucose Intolerance	2003, 2025	1/7/2009	0		
HealthIGTPrev40-59	Average number of people per million, between the ages 40-59, with Impaired Glucose Intolerance	2003, 2025	1/7/2009	0		
HealthIGTPrev60-79	Average number of people per million, between the ages 60-79, with Impaired Glucose Intolerance	2003, 2025	1/7/2009	0		

Data Pulling Instructions

The current update came from International Diabetes Federation's Diabetes Atlas; <https://diabetesatlas.org/>

Step 1: access <https://diabetesatlas.org/resources/>

Step 2: access the various editions of the atlas and gather data from pdf files.

- IDF Diabetes Atlas 2021
- IDF Diabetes Atlas Reports
- Atlas presentation
- Factsheets
- IDF Guide for Epidemiology Studies
- Previous editions
 - 9th edition
 - 8th edition
 - 7th edition
 - 6th edition
 - 5th edition
 - 4th edition
 - 3rd edition
 - 2nd edition
 - 1st edition
- Podcasts
- Scientific papers and posters
- Citation
- Copyright requests
- Selected studies

Resources

The *IDF Diabetes Atlas* is intended to support the diabetes community in advocating for more action to identify undiagnosed diabetes, prevent type 2 diabetes in people at risk, and improve care for all people with diabetes. It also aims to support the development of high quality diabetes data in all countries and territories, in order to fill the gaps in knowledge that currently exist.

The 10th edition of the *IDF Diabetes Atlas* reports a continued global increase in diabetes prevalence, confirming diabetes as a significant global challenge to the health and well-being of individuals, families and societies.

The *IDF Diabetes Atlas* 10th Edition and other resources are available for download.

Prevalence of diabetes (**SeriesHealthDiabetesPrev%**): 2014, 2015 and 2040 were added for prevalence of diabetes. The data for 2014 came from an atlas poster for 6th edition and all other data came from a tool on the site.

Prevalence of impaired glucose intolerance (**SeriesHealthIGTPrev%**): 2015 and 2040 were added for the prevalence of impaired glucose intolerance.

These were national prevalences and not age adjusted. All this data can be located in the 5th, 6th and 7th edition of the Atlas.

Data Notes

SeriesHealthDiabetesPrev%

Sept.2024: Updated 2017, 2019, 2021 from 8th, 9th, and 10th Edition.

SeriesHealthIGTPrev%

Only find "Age-adjusted comparative prevalence" from <https://diabetesatlas.org/data/en/indicators/2/>.

The data could be found in 6th edition.

estimates for 2013

Incidence type 1 diabetes (0-14) per 100,000	Mean diabetes-related expenditure per person with diabetes (USD)	IGT cases (20-79) in 1000s	IGT national prevalence (%)	IGT comparative prevalence (%)	COUNTRY/TERRITORY

However, it was not accessible from 7th edition in pdf. No actual update. Check the next release.

What is the difference between prevalence and age-adjusted comparative prevalence in the IDF Diabetes Atlas?

National or regional prevalence is the actual percentage of the adult population (20-79 years) in a country or region that has diabetes. It is calculated by taking the estimated number of cases in adults and dividing by the total population in adults. The national prevalence should be used when reporting statistics for just one country or region, or when the statistics being reported are not for comparison.

Age-adjusted comparative prevalence, also referred to as comparative prevalence, is the prevalence calculated by adjusting to the age structure of a standard population. In the *IDF Diabetes Atlas 10th Edition*, the standard population is the UN population for 2021, 2030 or 2045. Adjusting rates is a way to make fairer comparisons between groups with different distributions. Age-adjusted rates are rates that would have existed if the population under study had the same age distribution as the “standard” population.

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