

## Statistics of diabetes in world

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## Discussion

Diabetes is a chronic, metabolic disease characterized by elevated levels of blood sugar, which leads to serious damage to the heart, blood vessels, eyes, kidneys and nerves. The most common type is type 2 diabetes, which occurs when the body becomes resistant to insulin or doesn't make enough insulin. In the past three decades the prevalence of type 2 diabetes has raised dramatically in the countries of all income levels. Type 1 diabetes, once known as juvenile diabetes or insulin-dependent diabetes, is a chronic condition in which the pancreas produces little or no insulin by itself. For people living with diabetes, access to affordable treatment, including insulin, is critical to their survival.

The globally agreed target to halt the rise in diabetes and obesity by 2025.

About 422 million people worldwide have diabetes, the majority living in low-and middle-income countries, and 1.6 million deaths are directly attributed to diabetes each year. Both the number of cases and the prevalence of diabetes have been steadily increasing over the past few decades [1].

Diabetes is on the rise across the globe, presently every seven seconds someone is estimated to die from diabetes or its complications, Moreover, it was estimated that the number of

adults with diabetes in the world had increased from 108 million in 1980 to 422 million in 2014, Besides the growth and aging of the world population in general, the global obesity epidemic has turned out to be a key factor for the rise of diabetes incidence together with the immense progress of multifactorial cardiovascular risk management and successful revascularization therapy of people with diabetes also contributing to the expansion of the worldwide diabetes population[2].

Diabetes more or less equally affects both sexes with men having a small edge over women at younger age groups and women surpassing men at higher age groups.

Depending on age groups, global diabetes prevalence is about 5% for the age group 35-39 years, 10% for the age group 45-49 years, 15% for the age group 55-59 years, and close to 20% starting at age group 65-69 years. Diabetes prevalence numbers are largely determined by people with type2 diabetes who comprise about 90% of the total population. These individuals are characterized by various degrees of relative insulin deficiency in conjunction with a wide spectrum of insulin resistance [2-22].

<b>Country</b>	<b>2000</b>	<b>2030</b>
Afghanistan	468000	1403000
Algeria	426000	1203000
Angola	51000	140000
Antigua and Barbuda	3000	5000
Argentina	1426000	2457000
Australia	941000	1673000
Bahamas	12000	26000
Bahrain	37000	99000
Bangladesh	3196000	11140000
Barbados	11000	22000
Belize	5000	15000
Benin	87000	266000
Bhutan	35000	109000
Bolivia	207000	562000
Botswana	25000	45000
Brazil	4553000	11305000
Brunei Darussalam	18000	49000
Burkina Faso	124000	388000
Burundi	26000	72000
Cambodia	110000	317000
Cameroon	70000	171000
Canada	2006000	3543000
Cape Verde	7000	24000
Central African Republic	18000	38000
Chad	97000	269000

Chile	495000	1047000
China	20757000	42321000
Colombia	883000	2425000
Comoros	4000	15000
Congo	14000	39000
Cook Islands	700	1300
Costa Rica	76000	237000
Côte d'Ivoire	264000	636000
Cuba	480000	855000
Cyprus	50000	87000
Dem. People's Rep. of Korea	367000	635000
Democratic Republic of the Congo	291000	910000
Djibouti	7000	9000
Dominica	3000	4000
Dominican Republic	245000	594000
Ecuador	341000	921000
Egypt	2623000	6726000
El Salvador	103000	320000
Equatorial Guinea	8000	21000
Eritrea	47000	142000
Ethiopia	796000	1820000
Federated States of Micronesia	5000	13000
Fiji	37000	72000
Gabon	8000	14000
Gambia	22000	61000
Ghana	302000	851000

Grenada	4000	7000
Guatemala	139000	447000
Guinea	34000	89000
Guinea-Bissau	17000	44000
Guyana	19000	36000
Haiti	161000	401000
Honduras	81000	269000
India	31705000	79441000
Indonesia	8426000	21257000
Iraq	668000	2009000
Islamic Republic of Iran	2103000	6421000
Jamaica	81000	189000
Japan	6765000	8914000
Jordan	195000	680000
Kenya	183000	498000
Kiribati	4000	7000
Kuwait	104000	319000
Lao People's Dem. Rep.	46000	128000
Lebanon	146000	378000
Lesotho	31000	42000
Liberia	40000	154000
Libyan Arab Jamahiriya	88000	245000
Madagascar	100000	301000
Malawi	55000	118000
Malaysia	942000	2479000
Maldives	6000	25000

Mali	140000	405000
Marshall Islands	2000	4000
Mauritania	34000	103000
Mauritius	111000	233000
Mexico	2179000	6130000
Mongolia	34000	81000
Morocco	427000	1138000
Mozambique	133000	273000
Myanmar	543000	1330000
Namibia	25000	60000
Nauru	2000	4000
Nepal	436000	1328000
New Zealand	179000	307000
Nicaragua	68000	246000
Niger	108000	382000
Nigeria	1707000	4835000
Niue	◇	◇
Oman	113000	343000
Pakistan	5217000	13853000
Palau	1000	2000
Panama	59000	155000
Papua New Guinea	152000	392000
Paraguay	102000	324000
Peru	754000	1961000
Philippines	2770000	7798000
Qatar	38000	88000

Republic of Korea	1859000	3378000
Rwanda	30000	77000
Saint Kitts and Nevis	2000	2000
Saint Lucia	5000	11000
Saint Vincent and the Grenadines	5000	9000
Samoa	4000	7000
Sao Tome-Principe	1000	2000
Saudi Arabia	890000	2523000
Senegal	143000	421000
Seychelles	8000	19000
Sierra Leone	65000	178000
Singapore	328000	695000
Solomon Islands	13000	41000
Somalia	97000	331000
South Africa	814000	1286000
Sri Lanka	653000	1537000
Sudan	447000	1277000
Suriname	9000	20000
Swaziland	13000	21000
Syrian Arab Republic	627000	2313000
Thailand	1536000	2739000
Togo	64000	184000
Tonga	3000	6000
Trinidad and Tobago	60000	125000
Tunisia	166000	388000
Tuvalu	300	800

Uganda	98000	328000
United Arab Emirates	350000	684000
United Republic of Tanzania	201000	605000
United States of America	17702000	30312000
Uruguay	154000	224000
Vanuatu	6000	17000
Venezuela	583000	1606000
Viet Nam	792000	2343000
Yemen	327000	1286000
Zambia	70000	186000
Zimbabwe	108000	265000

**Table 1:** Statistics of Diabetes in different countries [1]

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