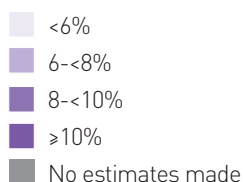
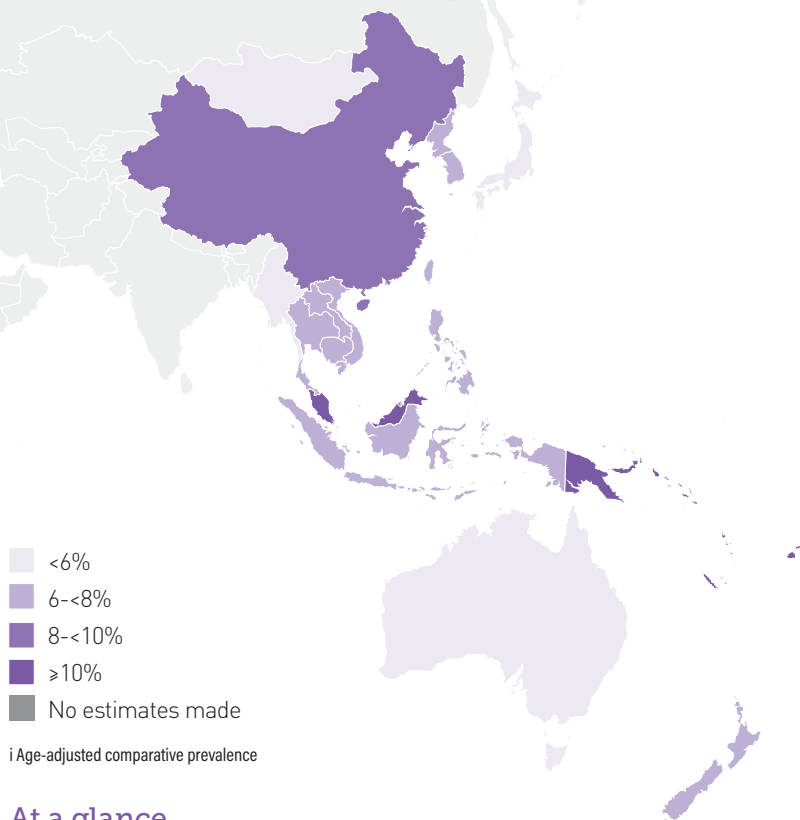




## WESTERN PACIFIC

### Prevalence<sup>i</sup> of diabetes (20–79 years), 2019



<sup>i</sup> Age-adjusted comparative prevalence

### At a glance

	2019	2030	2045
Adult population (20–79 years)	1.7 billion	1.8 billion	1.8 billion
<b>Diabetes (20–79 years)</b>			
Regional prevalence	9.6%	11.0%	11.8%
Age-adjusted comparative prevalence	11.4%	12.4%	12.8%
Number of people with diabetes	163 million	197 million	212 million
Number of deaths due to diabetes	1,265,100	-	-
Proportion of undiagnosed diabetes	55.8%	-	-
Number of people with undiagnosed diabetes	91 million	-	-
<b>Diabetes-related health expenditure (20–79 years)</b>			
Total health expenditure, USD	162 billion	182 billion	185 billion
<b>Impaired glucose tolerance (20–79 years)</b>			
Regional prevalence	8.0%	8.7%	9.2%
Age-adjusted comparative prevalence	10.4%	11.0%	11.3%
Number of people with impaired glucose tolerance	137 million	156 million	165 million
<b>Type 1 diabetes (0–19 years)</b>			
Number of children and adolescents with type 1 diabetes	102,200	-	-
Number of newly diagnosed children and adolescents each year	11,200	-	-

### Corporate sponsor

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With the additional support of:



### Highlights



1 in 10 adults have diabetes.



A third (35%) of the total number of people with diabetes come from Western Pacific.



1 in 4 adults with diabetes in the world come from China.



1 in 8 live births are affected by hyperglycemia in pregnancy.



With 1.3 million, Western Pacific has the highest number of deaths due to diabetes among IDF Regions.



The total diabetes-related health expenditure estimated in 2019 is USD 162 billion and expected to reach to USD 185 billion (14% increase) by 2045.

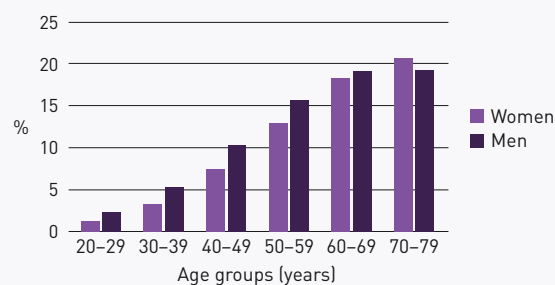


More than half (56%) of people with diabetes remain undiagnosed and are at a higher risk of developing harmful and costly complications.

### Top five countries for number of people with diabetes (20–79 years), 2019

	Millions
<b>China</b>	116.4
<b>Indonesia</b>	10.7
<b>Japan</b>	7.4
<b>Thailand</b>	4.3
<b>Philippines</b>	4.0

### Prevalence of diabetes by age and sex, 2019



### Need more information?

[www.diabetesatlas.org](http://www.diabetesatlas.org)  
or scan QR code  
or contact [atlas@idf.org](mailto:atlas@idf.org)



# WESTERN PACIFIC

## Key country data

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-adjusted comparative prevalence (20-79 y), %	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
Australia	17,740.2	1,288.3	7.3	5.6	5,000.4	5,175	12,969	35.4	14
Brunei Darussalam	303.5	40.1	13.2	13.3	702.3	281	13	46.7	8
Cambodia	9,797.9	430.6	4.4	6.3	238.7	7,919	546	62.3	23
China	1,065,411.6	116,446.9	10.9	9.2	936.2	823,780	54,040	56.0	9
Democratic People's Republic of Korea <sup>i</sup>	18,216.7	1,392.4	7.6	6.3	-	25,242	1,941	69.3	13
Fiji	575.3	870	15.1	14.7	456.5	867	28	53.2	7
French Polynesia	196.3	39.4	20.1	19.5	-	-	8	46.7	5
Guam	109.6	22.1	20.2	18.7	-	-	1	46.7	5
Hong Kong	5,915.0	723.4	12.2	4.5	-	-	222	64.4	8
Indonesia	172,244.7	10,681.4	6.2	6.3	365.2	115,632	8,483	73.7	16
Japan	93,968.8	7,390.5	7.9	5.6	3,178.9	71,513	4,534	46.6	13
Kiribati	66.5	14.0	21.1	22.5	475.6	112	3	53.4	5
Lao People's Democratic Republic <sup>i</sup>	4,049.9	191.6	4.7	6.3	197.3	3,698	192	53.4	21
Macau <sup>i</sup>	513.9	50.9	9.9	4.3	-	-	19	46.7	10
Malaysia	21,711.8	3,652.6	16.8	16.7	980.4	22,449	977	50.4	6
Marshall Islands	32.4	10.9	33.8	30.5	1,608.0	164	0	53.4	3
Micronesia (Federated States of) <sup>i</sup>	59.4	6.2	10.4	11.9	916.8	58	0	53.4	10
Mongolia	1,978.0	99.3	5.0	4.7	524.7	1,230	168	71.8	20
Myanmar	34,773.1	1,282.7	3.7	3.9	183.4	31,288	1,549	53.4	27
Nauru	6.9	1.6	24.0	12.0	2,597.3	15	0	48.1	4
New Caledonia <sup>i</sup>	193.9	46.6	24.1	21.8	-	-	7	46.7	4
New Zealand	3,362.1	259.8	7.7	6.2	4,032.4	1,069	2,528	25.7	13
Palau	13.5	2.4	18.0	17.9	1,872.3	16	0	46.7	6
Papua New Guinea	4,623.5	713.5	15.4	17.9	134.9	6,324	28	53.4	6
Philippines	63,265.7	3,993.3	6.3	7.1	428.8	38,583	3,897	66.7	16
Republic of Korea	40,123.3	3,689.4	9.2	6.9	1,988.8	33,308	2,721	36.1	11
Samoa	103.9	7.7	7.5	9.2	548.8	80	8	48.0	13
Singapore	4,512.2	640.4	14.2	5.5	2,095.1	4,374	289	54.0	7
Solomon Islands	322.0	46.9	14.6	19.0	263.2	325	3	53.4	7
Taiwan	18,523.4	1,228.8	6.6	6.3	-	-	2,828	42.8	15
Thailand	51,475.2	4,284.9	8.3	7.0	560.3	40,918	1,584	43.6	12
Timor-Leste <sup>i</sup>	605.9	32.0	5.3	6.7	292.7	326	52	53.4	19
Tonga	57.9	7.6	13.1	15.7	464.7	69	4	68.9	8
Tuvalu <sup>i</sup>	6.9	1.6	23.2	22.1	1,121.1	13	0	53.4	4
Vanuatu <sup>i</sup>	157.2	17.0	10.8	11.9	280.8	128	10	53.4	9
Viet Nam	66,462.0	3,779.6	5.7	6.0	322.8	30,096	2,574	53.4	18

<sup>i</sup> Based on extrapolation from similar countries.

**National/regional prevalence:** The actual percentage of each country's/region's adult population that has diabetes. Appropriate for assessing diabetes burden.

**Age-adjusted comparative prevalence:** Calculated by assuming that a country/region has an age profile identical to that of the world population. Appropriate for comparing countries/regions.

**Health expenditure** for people with diabetes are assumed to be on average two-fold higher than people without diabetes.