

- The prevalence of a disease refers to the proportion of people with a disease in the entire population. It tells us how common the disease is.
 - To calculate the prevalence of type 2 diabetes in adults, we need to know the total population of adults, and how many of those people have diabetes.
1. In 2013, there were 4,573 million adults aged from 20 to 79 years living in the world. There were 382 million adults with type 2 diabetes in the world.
What proportion of adults in the world in 2013 had type 2 diabetes?

Top 10 countries/territories for type 2 diabetes in adults in 2013

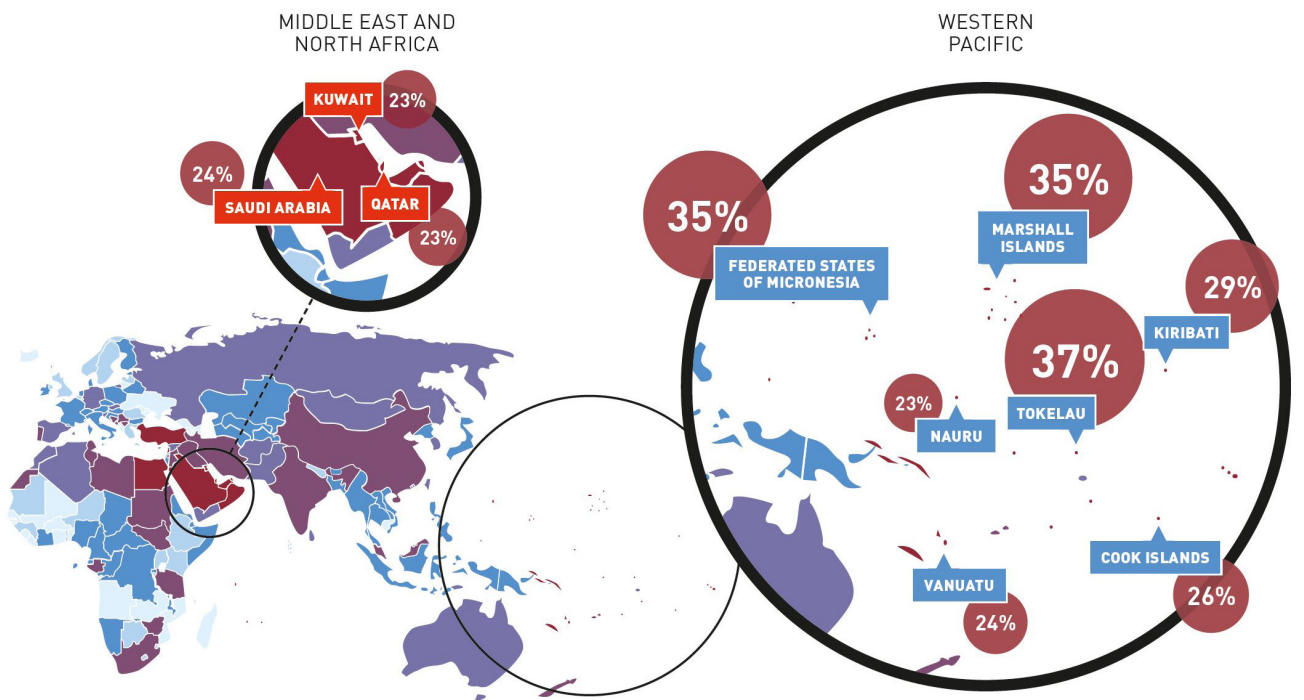


Image courtesy of International Diabetes Foundation (2013), with permission.

2. Using the information on the world map, rank the top 10 countries for the prevalence of type 2 diabetes in the world.

Country/territory	Region	Prevalence of type 2 diabetes (%)	Rank
			1
Marshall Islands	Western Pacific	35	2=
			2=

3. If we look at numbers rather than percentages, China, India and the United States have the most people with type 2 diabetes.

Calculate the % of people in each of those countries with type 2 diabetes.

Country	Population aged 20–79 years (millions)	People aged 20–79 years with type 2 diabetes (millions)	People aged 20–79 years with type 2 diabetes (%)
China	1,023	98.4	
India	740	65.1	
United States	224	24.4	

4. Compare and contrast the difference between the top three countries based on numbers of people with diabetes and the top three countries based on the prevalence of diabetes.
