

WORLDWIDE EPIDEMIC: DIABETES

The Merck Challenge



Temple University Fox School of Business

By: Kevin Schoenfeld (tuf04181)

Gianna Manz (tuf04096)

Jose Gil (tuf83372)

Types of Diabetes

Type 1 diabetes



Risk factors include family history of diabetes and genetics.

Currently incurable, requires insulin for treatment.

Type 2 diabetes



Risk factors include obesity, physical inactivity, family history of diabetes, and old age.

Can be managed with lifestyle changes including a better diet and increased physical activity.

Gestational diabetes



Occurs during pregnancy.

Associated with an increased risk of both the mother and child developing type 2 diabetes later in life.

How bad is it?

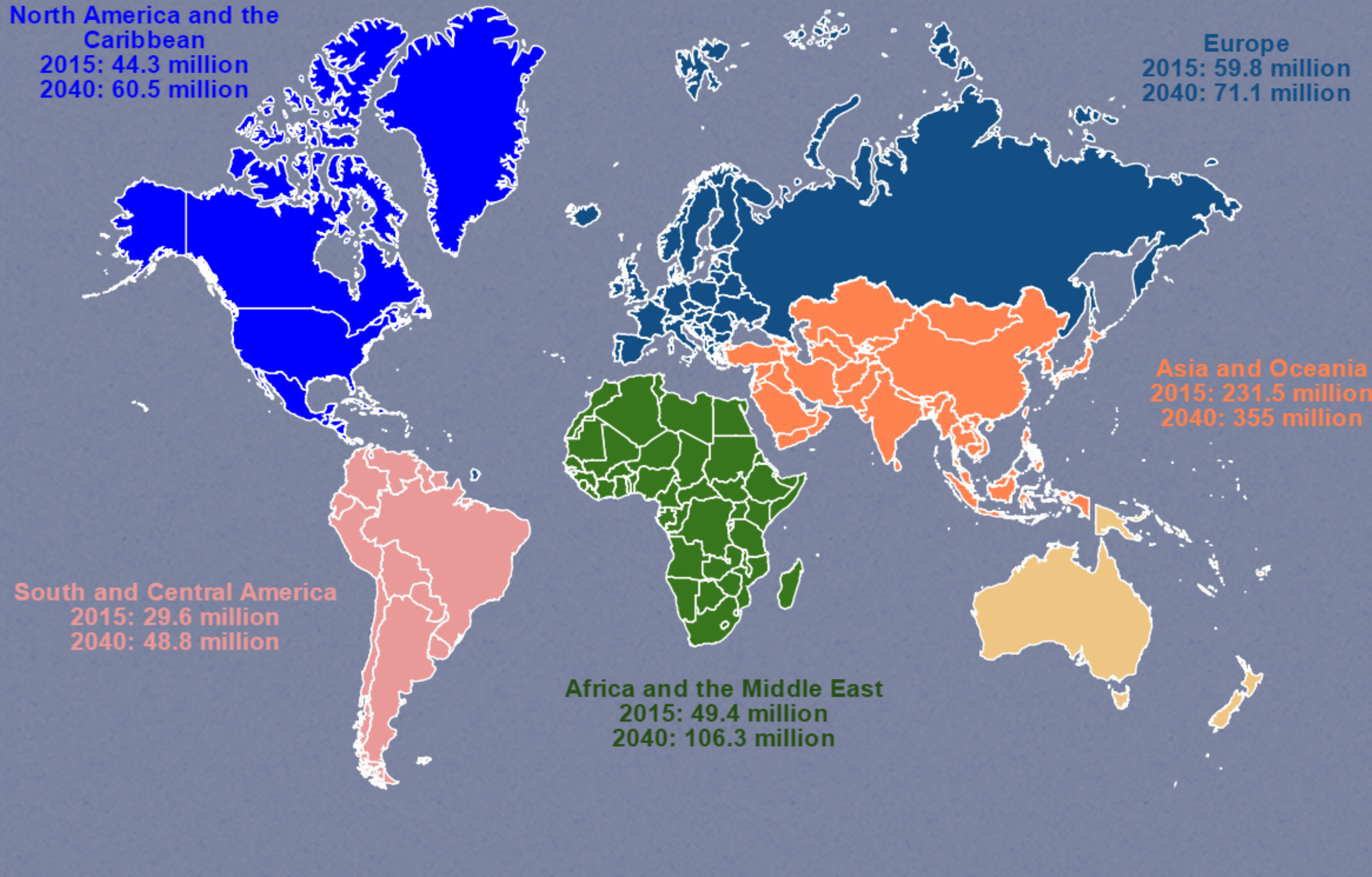


In 2015, one out of every 11 adults has diabetes worldwide.

In 2040, one out of every 10 adults will have diabetes worldwide.

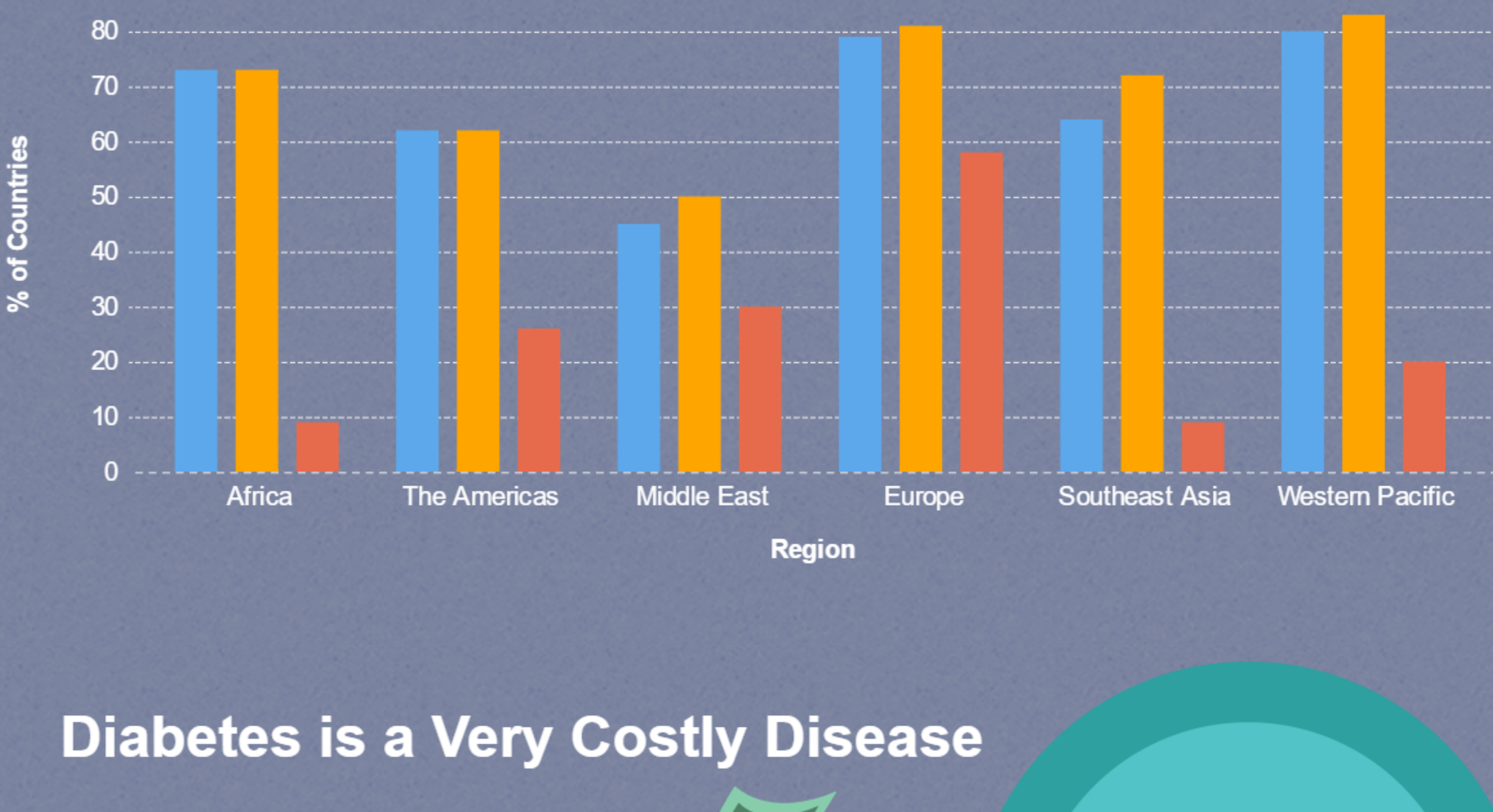


Prevalence of Diabetes around the World



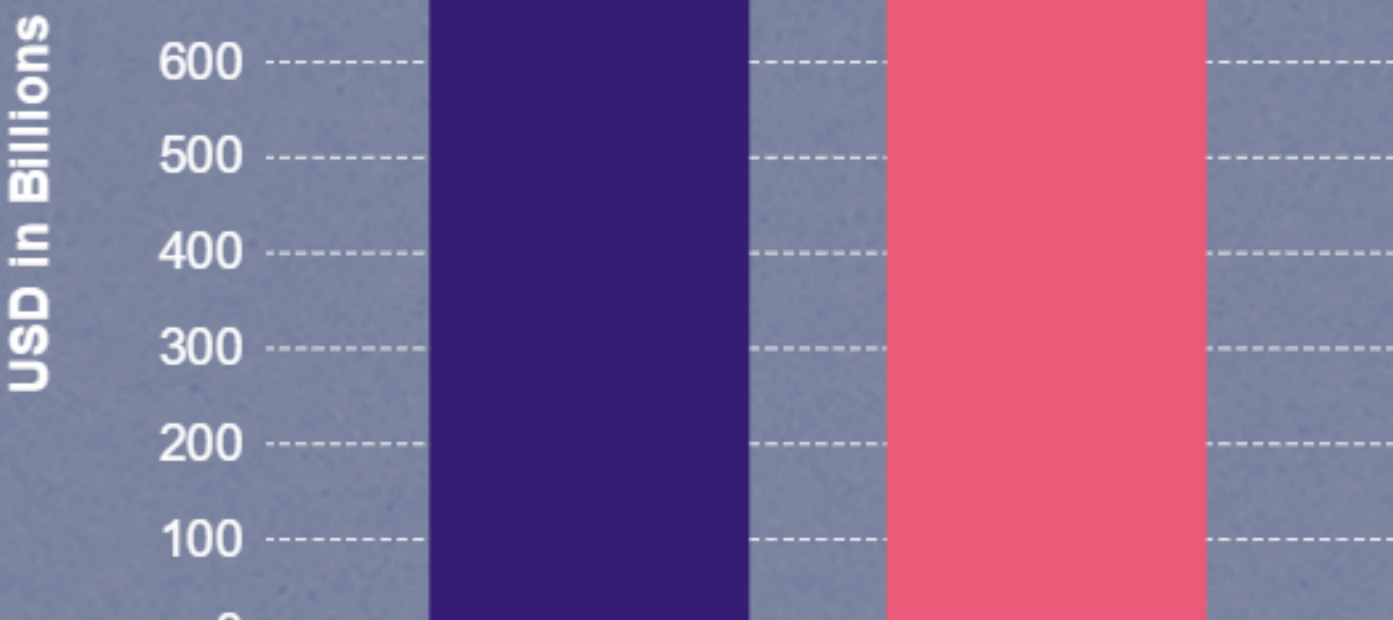
Regions with Operational Policies in Effect for Selected Risk Factors

Physical Inactivity Unhealthy Eating Obesity



Diabetes is a Very Costly Disease

Global Spending on Diabetes



12% Of global health expenditure is spent on diabetes

Health care expenditures for people with diabetes have been found to be two-to-three times higher than people without diabetes.

The costs associated with diabetes include increased use of health services, loss of productivity, and disability.

Warning Signs



Blurred Vision



Increase Thirst

Do you have it?



Excess Fatigue



Weight Gain

25% of People

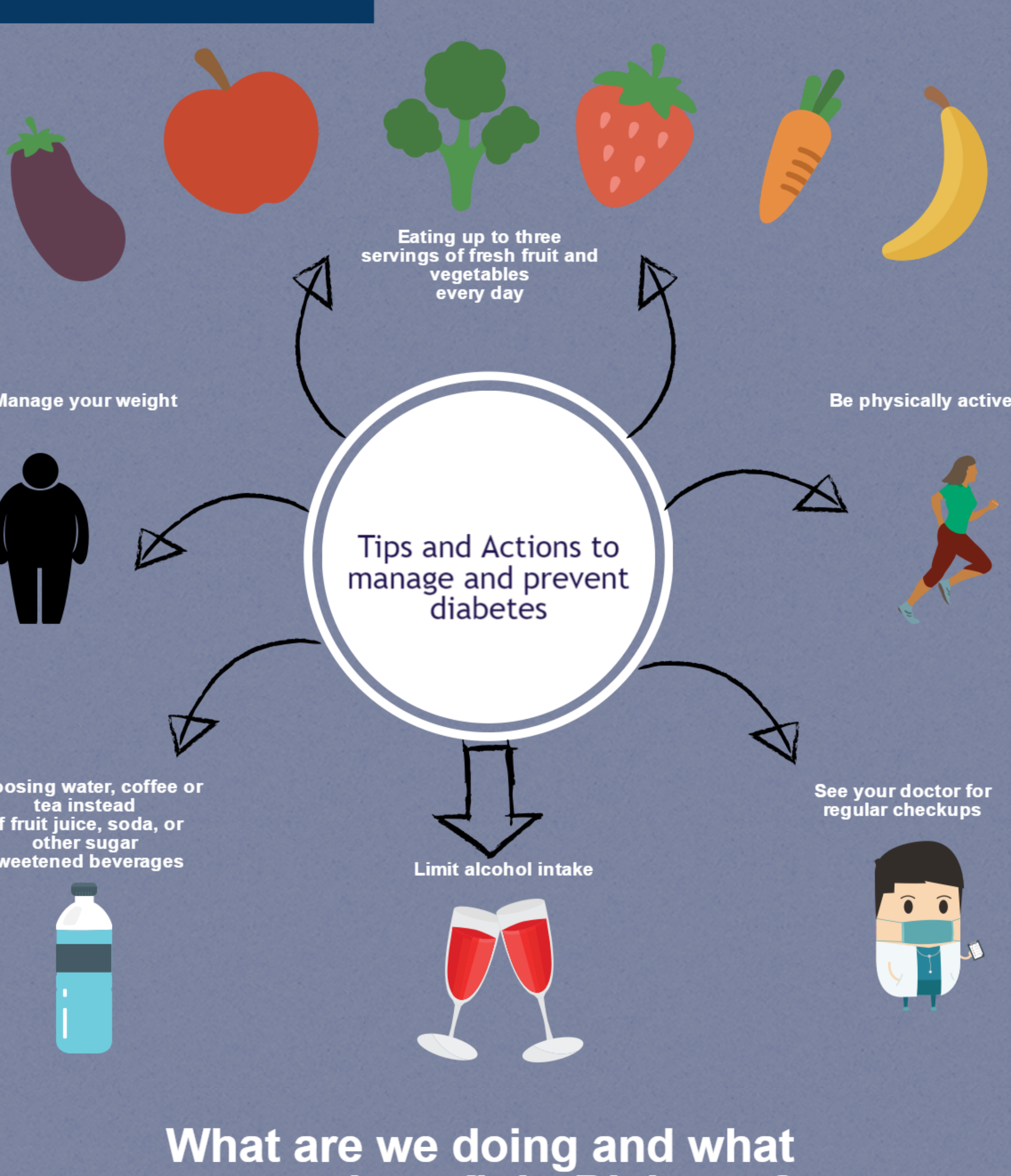
Don't realize they have the disease



Weight Loss



Excess Fatigue



What are we doing and what can we do to fight Diabetes?

1. Suitability of outdoor environment for sport
2. Accessibility of healthy food
3. Access to drinkable water
4. Education on healthy choices in schools
5. Implementation of prevention policies
6. Provide accessible information on healthy choices
7. Provide cheaper access to insulin and other essential medicines.

International Diabetes Federation launched a call to action for all nations to develop and implement cost-effective policies to improve the health outcomes for people with diabetes and to prevent new cases.



Together the world can fight this epidemic and save millions of lives.