

# DIABETES HEALTH INDICATORS ANALYSIS

POPULATION 254K INDICATORS 22

## Executive Overview

High-level prevalence rates and core demographic distributions across the United States.

Open Module →

## Risk Factor Analysis

Investigating correlations between BMI, Blood Pressure, and clinical diagnosis.

Open Module →

## Quality of Life

Analyzing the physical and mental health burden alongside healthcare access barriers.

Open Module →

## Predictor Tool

AI-driven insights to determine individual risk factors and key clinical drivers.

Open Module →

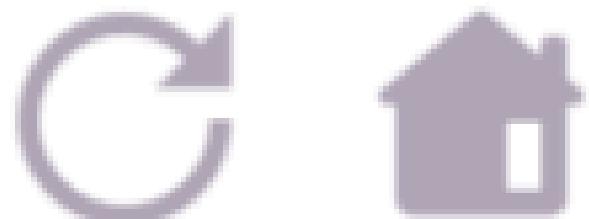
# SLICERS

## AGE GROUP

## GENDER

## ANNUAL INCOME

## EDUCATION LEVEL



254K

Total Participants

14%

Diabetes Prevalence

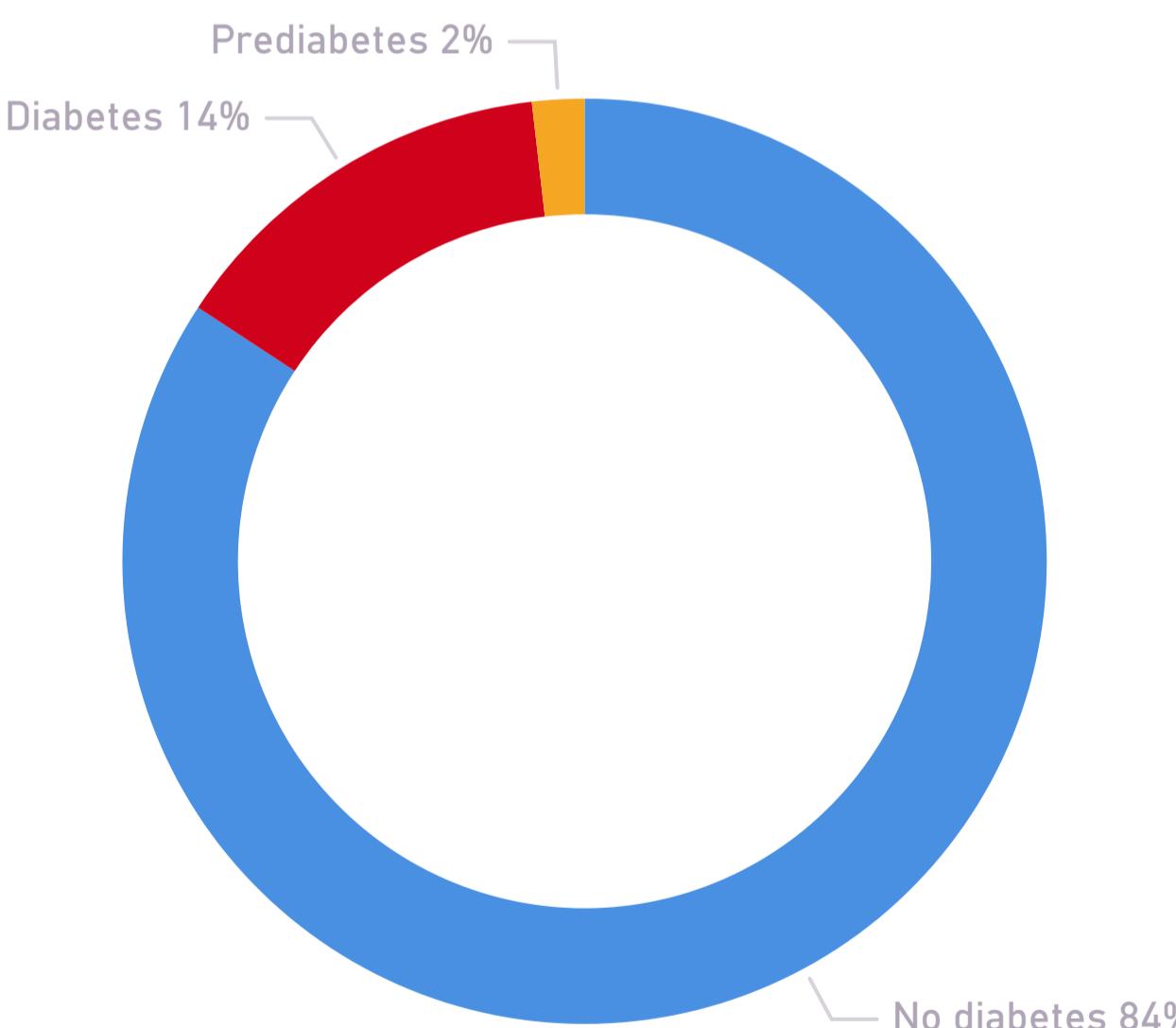
1.83%

Prediabetes Rate

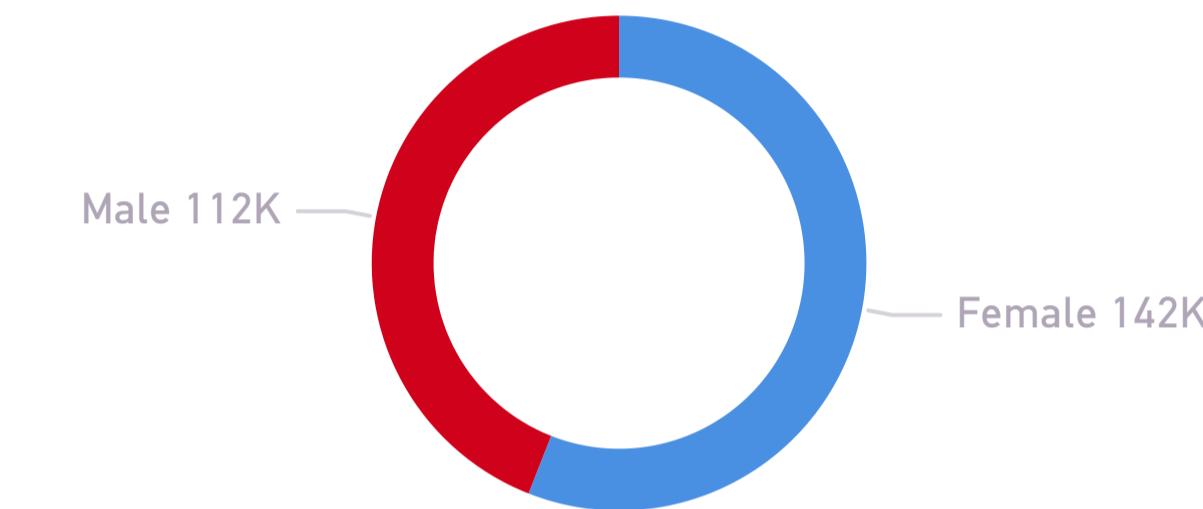
28.38

Avg. BMI

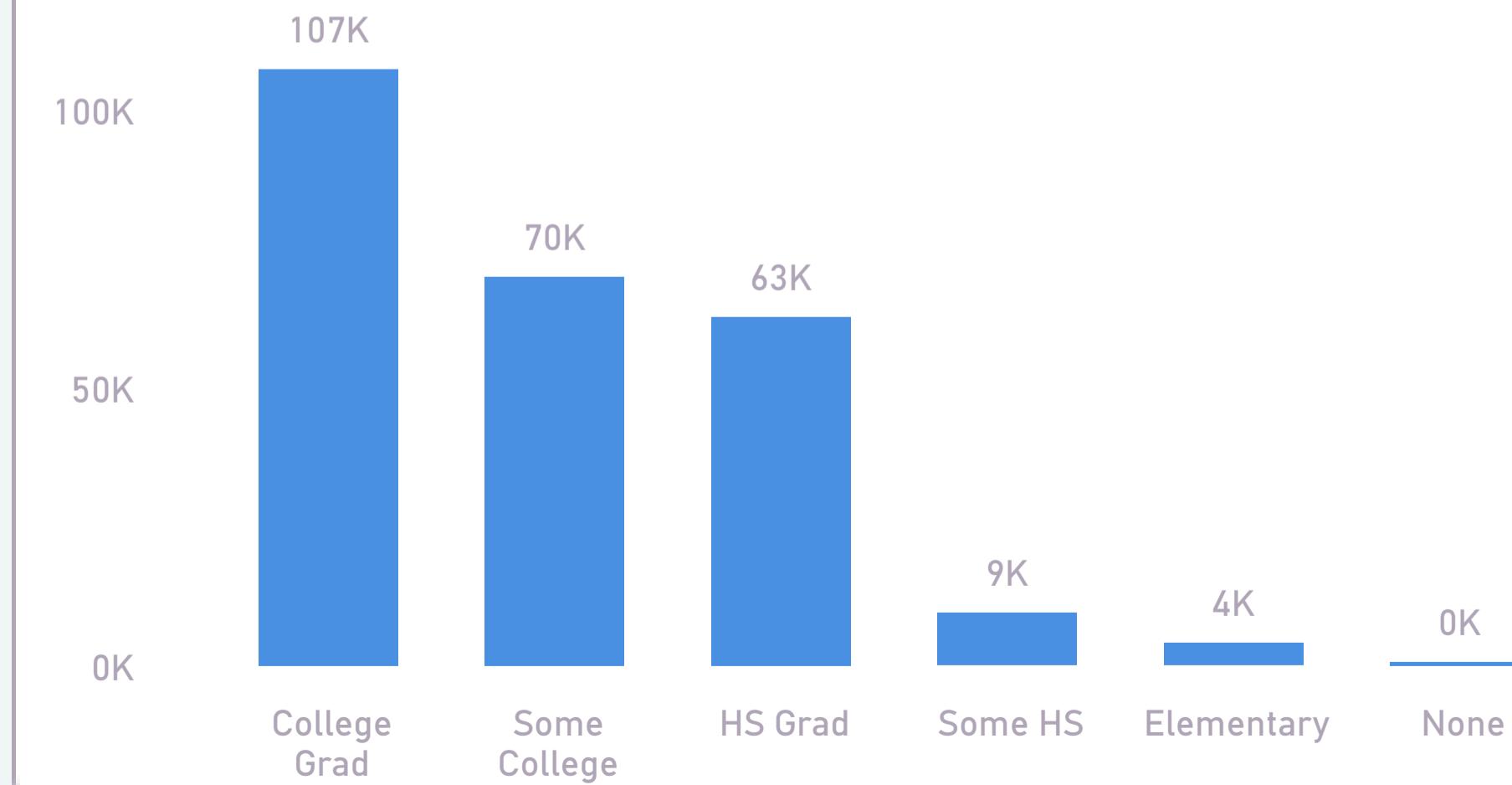
Distribution of Diabetes Status across Population



Total Participants by Gender



Total Participants by Education Level



# SLICERS

## SMOKING STATUS

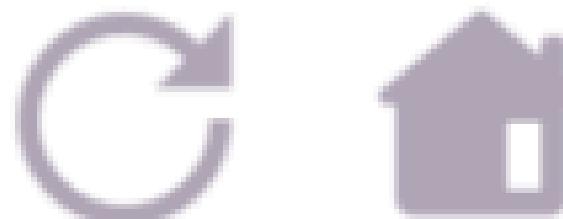
All

## HEAVY DRINKER

All

## PHYSICAL ACTIVITY

All



42.90%

High Blood Pressure Rate

42.41%

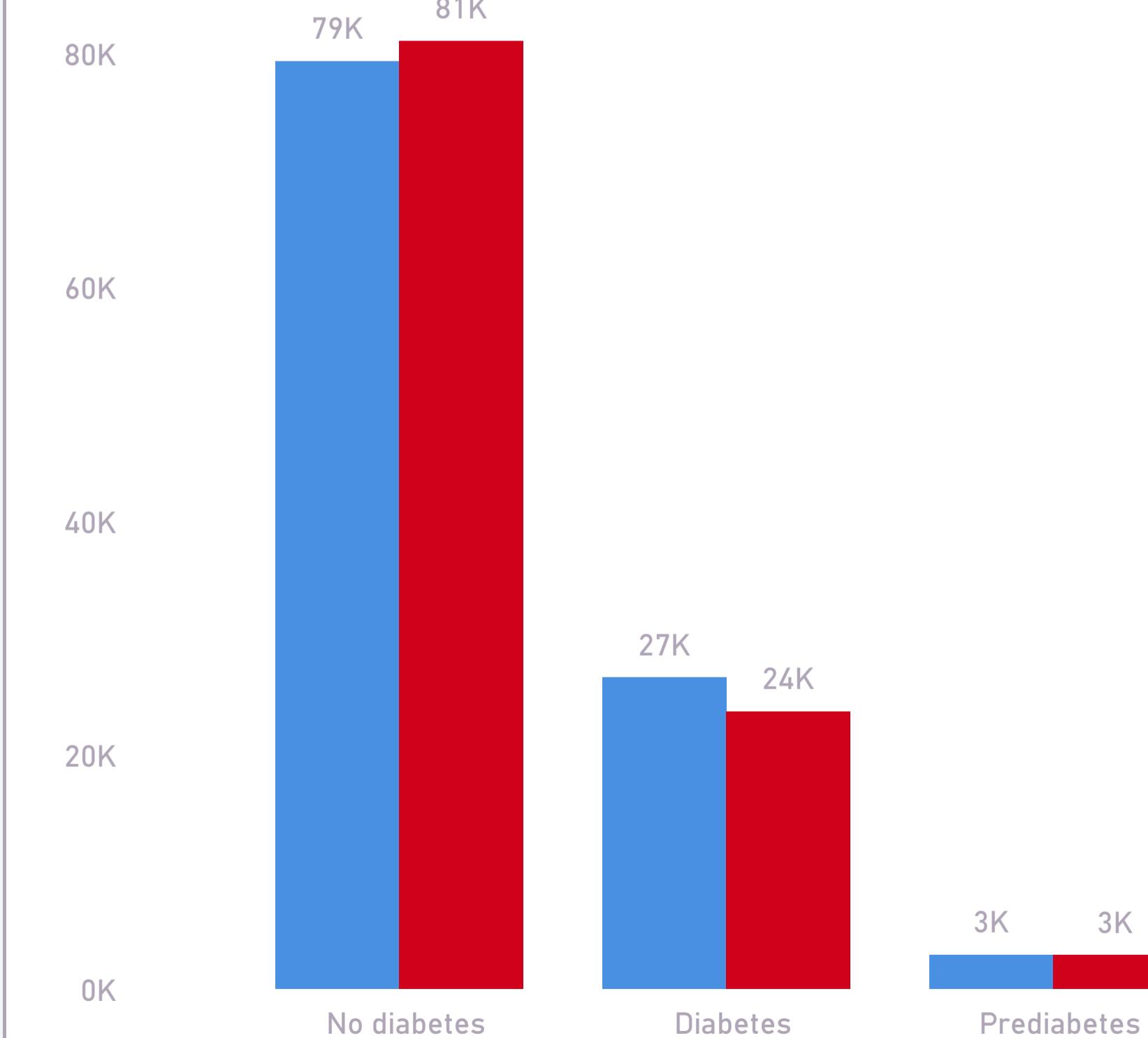
High Cholesterol Rate

Diabetes Prevalence by BMI and Age Group

Age Group	Healthy	Obese	Overweight	Underweight
18-24	1%	2%	2%	1%
25-29	1%	4%	1%	
30-34	1%	6%	2%	2%
35-39	2%	9%	2%	3%
40-44	2%	12%	4%	3%
45-49	3%	16%	6%	4%
50-54	4%	20%	8%	4%
55-59	5%	24%	10%	4%
60-64	6%	29%	13%	6%
65-69	8%	33%	16%	10%
70-74	10%	36%	18%	6%
75-79	11%	33%	20%	8%
80+	12%	31%	19%	9%

Total with High BP and Total with High Cholesterol by Diabetes Status

● Total with High BP ● Total with High Cholesterol



# SLICERS

## DIABETES STATUS

All



8.42%

Cost Barrier Rate

95.11%

Insurance Coverage %

## AGE GROUP

All

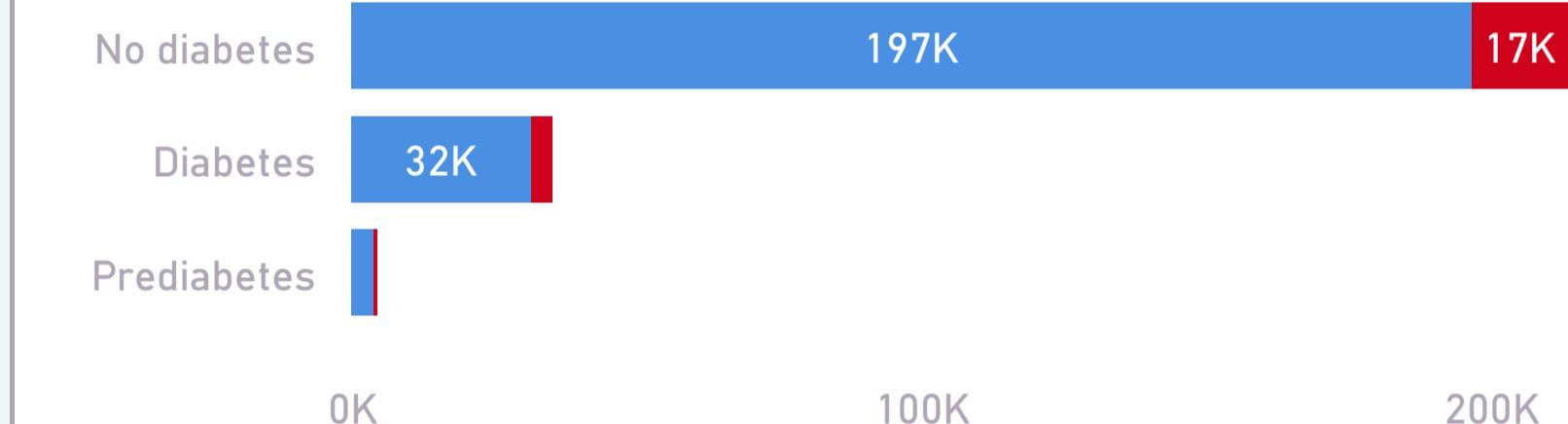


### General Health Rating by Diabetes Status

General Health Rating	Diabetes	No diabetes	Prediabetes
Excellent	1140	43846	313
Fair	9790	20755	1025
Good	13457	60461	1728
Poor	4578	7152	351
Very Good	6381	81489	1214

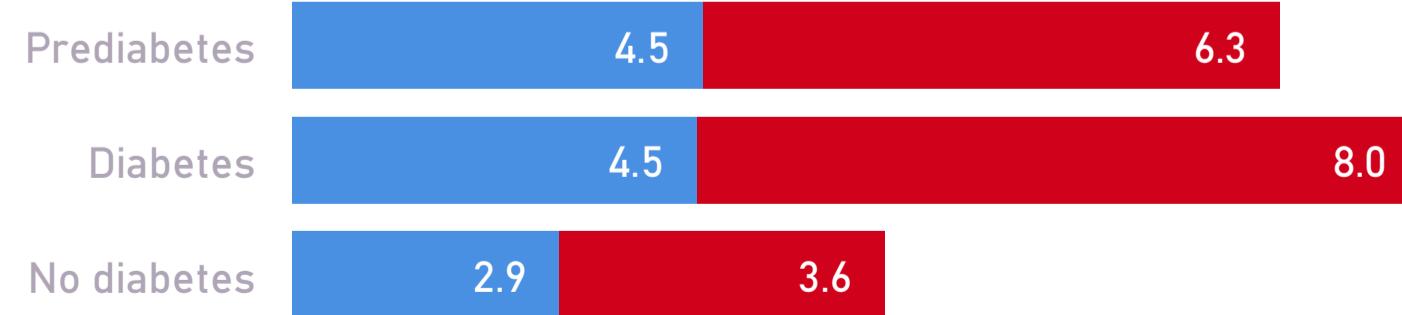
### Total Participants by Diabetes Status and Skipped Doctor Due to Cost

Skipped Doctor Due to Cost... ● No ● Yes



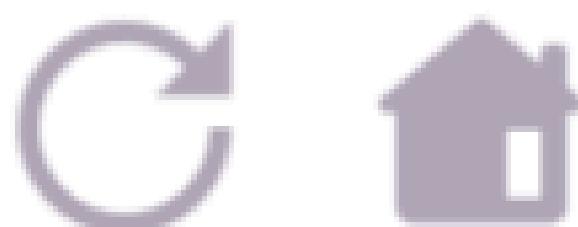
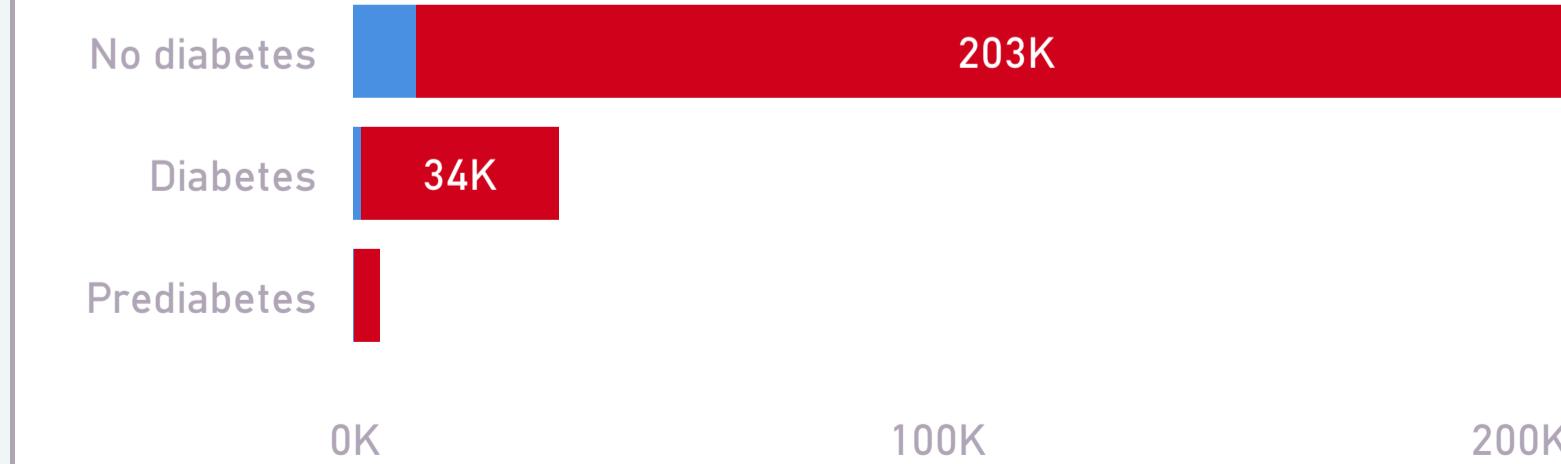
### Avg. Mentally Unwell Days and Avg. Physically Unwell Days by Diabetes Status

● Avg. Mentally Unwell Days ● Avg. Physically Unwell Days



### Total Participants by Diabetes Status and Has Health Insurance

Has Health Insurance ● No ● Yes



# **SLICERS**

# BMI CATEGORY

All 

# AGE GROUP

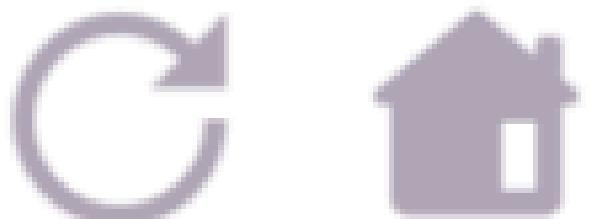
All 

# HIGH BLOOD PRESSURE

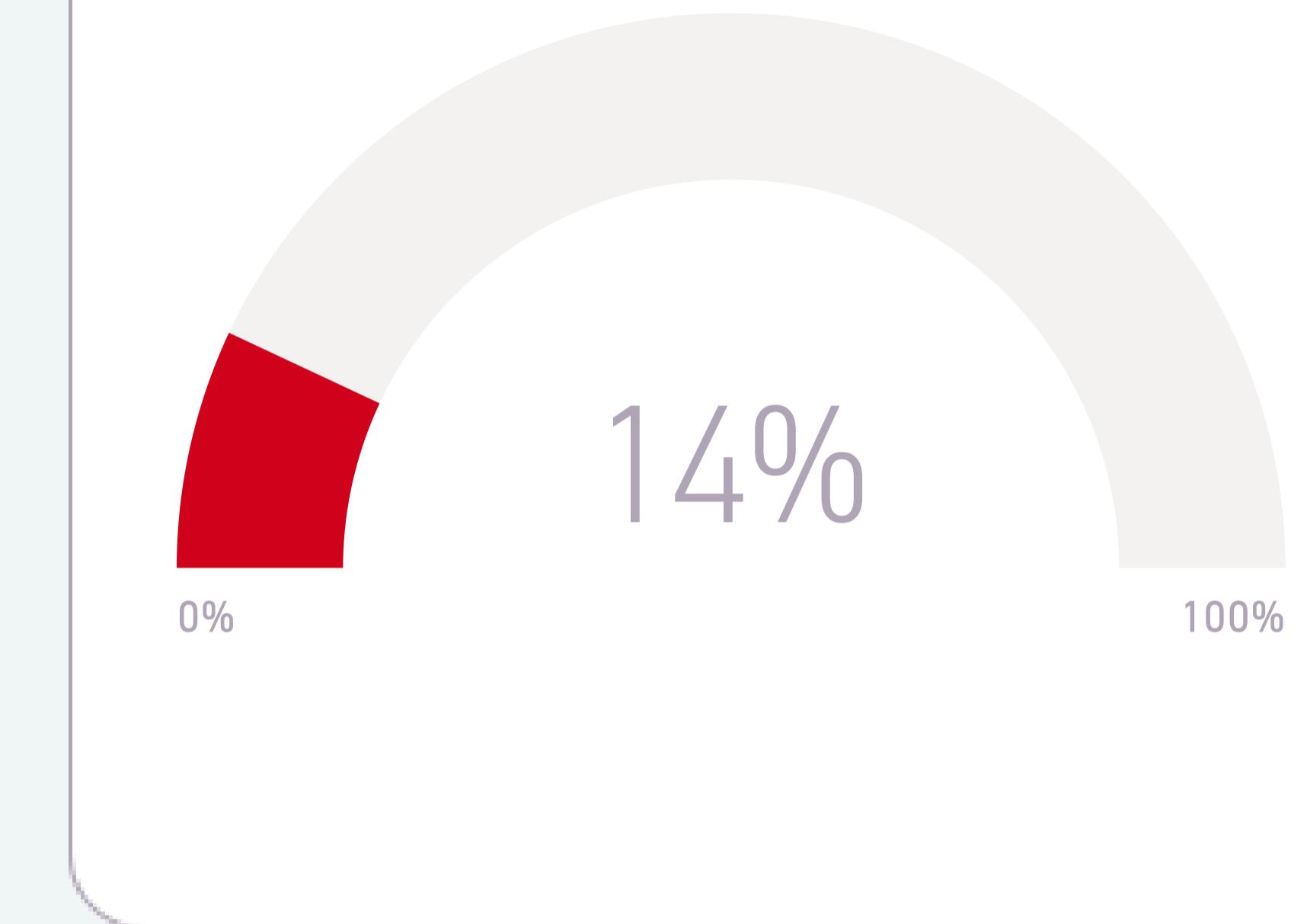
All 

## HIGH CHOLESTEROL

All 



# Estimated Diabetes Prevalence for Selected



Select a profile using the slicers.  
The gauge updates to show estimated diabetes risk, while the AI highlights the strongest contributing factor.

# Key Factors Influencing Diabetes Diagnosis

## Key influencers    Top segments

# What influences Diabetes Status to be

When.

Diabetes

....the likelihood of Diabetes Status being Diabetes increases by

## High Blood Pressure is Yes

## General Health Rating is Poor

#### General Health Rating is Fair

## High Cholesterol is Yes

## Sum of Body Mass Index is more than 38

**Sum of Age is more than 9**