





# CDC Diabetes Health Indicators **External**

Linked on 9/25/2023

The Diabetes Health Indicators Dataset contains healthcare statistics and lifestyle survey information about people in general along with their diagnosis of diabetes. The 35 features consist...

### **Dataset Characteristics**

Tabular, Multivariate

#### **Associated Tasks**

Classification

#### # Instances

253680

# **Subject Area**

Health and Medicine

## **Feature Type**

Categorical, Integer

#### # Features

21

## **Dataset Information**

#### For what purpose was the dataset created?

To better understand the relationship between lifestyle and diabetes in the US

#### Who funded the creation of the dataset?

The CDC

## What do the instances in this dataset represent?

Each row represents a person participating in this study.

### Are there recommended data splits?

Cross validation or a fixed train-test split could be used.

### Does the dataset contain data that might be considered sensitive in any way?

- Gender
- Income
- Education level

## Was there any data preprocessing performed?

Bucketing of age

### **Additional Information**

Dataset link: https://www.cdc.gov/brfss/annual\_data/annual\_2014.html

# Has Missing Values?

No

# **Introductory Paper**

<u>Incidence of End-Stage Renal Disease Attributed to Diabetes Among Persons with Diagnosed Diabetes — United States and Puerto Rico, 2000–2014</u>

By Nilka Rios Burrows, MPH; Israel Hora, PhD; Linda S. Geiss, MA; Edward W. Gregg, PhD; Ann Albright, PhD. 2017

Published in Morbidity and Mortality Weekly Report

Variable Name	Role	Туре	Demographic	Description	Units	Missing Valu
ID	ID	Integer		Patient ID		no
Diabetes_binary	Target	Binary		0 = no diabetes 1 = prediabetes or diabetes		no
HighBP	Feature	Binary		0 = no high BP 1 = high BP		no
HighChol	Feature	Binary		0 = no high cholesterol 1 = high cholesterol		no
CholCheck	Feature	Binary		0 = no cholesterol check in 5 years 1 = yes cholesterol check in 5 years		no

Variable Name	Role	Туре	Demographic	Description	Units	Missing Value
ВМІ	Feature	Integer		Body Mass Index		no
Smoker	Feature	Binary		Have you smoked at least 100 cigarettes in your entire life? [Note: 5 packs = 100 cigarettes] 0 = no 1 = yes		no
Stroke	Feature	Binary		(Ever told) you had a stroke. 0 = no 1 = yes		no
HeartDiseaseorAttack	Feature	Binary		coronary heart disease (CHD) or myocardial infarction (MI) 0 = no 1 = yes		no
PhysActivity	Feature	Binary		physical activity in past 30 days - not including job 0 = no 1 = yes		no
Fruits	Feature	Binary		Consume Fruit 1 or more times per day 0 = no 1 = yes		no
Veggies	Feature	Binary		Consume Vegetables 1 or more times per day 0 = no 1 = yes		no

Variable Name	Role	Туре	Demographic	Description	Units	Missing Values
HvyAlcoholConsump	Feature	Binary		Heavy drinkers (adult men having more than 14 drinks per week and adult women having more than 7 drinks per week) 0 = no 1 = yes		no
AnyHealthcare	Feature	Binary		Have any kind of health care coverage, including health insurance, prepaid plans such as HMO, etc. 0 = no 1 = yes		no
NoDocbcCost	Feature	Binary		Was there a time in the past 12 months when you needed to see a doctor but could not because of cost? 0 = no 1 = yes		no
GenHlth	Feature	Integer		Would you say that in general your health is: scale 1-5 1 = excellent 2 = very good 3 = good 4 = fair 5 = poor		no

Variable Name	Role	Туре	Demographic	Description	Units	Missing Value
MentHlth	Feature	Integer		Now thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good? scale 1-30 days		no
PhysHlth	Feature	Integer		Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good? scale 1-30 days		no
DiffWalk	Feature	Binary		Do you have serious difficulty walking or climbing		no

Variable Name	Role	Туре	Demographic	Description	Units	Missing Values
				stairs? 0 = no 1 = yes		
Sex	Feature	Binary	Sex	0 = female 1 = male		no
Age	Feature	Integer	Age	13-level age category (_AGEG5YR see codebook) 1 = 18-24 9 = 60-64 13 = 80 or older		no
Education	Feature	Integer	Education Level	Education level (EDUCA see codebook) scale 1-6 1 = Never attended school or only kindergarten 2 = Grades 1 through 8 (Elementary) 3 = Grades 9 through 11 (Some high school) 4 = Grade 12 or GED (High school graduate) 5 = College 1 year to 3 years (Some college or technical school) 6 = College 4 years or more (College graduate)		no

Variable Name	Role	Туре	Demographic	Description	Units	Missing Values
Income	Feature	Integer	Income	Income scale (INCOME2 see codebook) scale 1-8 1 = less than \$10,000 5 = less than \$35,000 8 = \$75,000 or more		no
			Rows per page	25 ▼ 0 to	23 of 23	< >

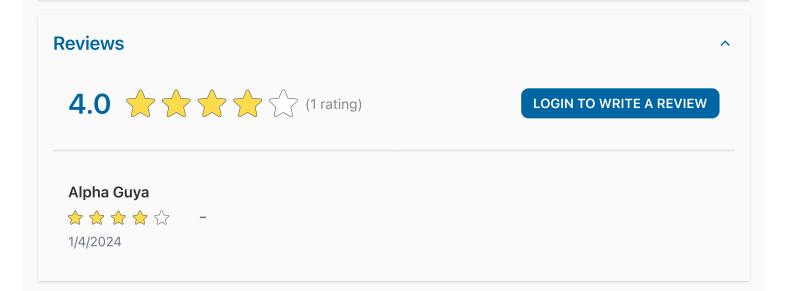
# **Additional Variable Information**

- Diabetes diagnosis
- Demographics (race, sex)
- Personal information (income, educations)...

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### **Class Labels**

- Diabetes
- Pre-diabetes
- Healthy





- 99 1 citations
- **109479** views

# **Citations/Acknowledgements**

If you use this dataset, please follow the acknowledgment policy on the original dataset website.

# **Keywords**

(Survey)

## DOI

10.24432/C53919

## License

See linked dataset for licensing information.



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