

201 Data Analytics
Python

Capstone Project

“Chronic Diseases”

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Source: U.S. Chronic Disease Indicators (CDI)

CDC's Division of Population Health provides cross-cutting set of 124 indicators that were developed by consensus and that allows states and territories and large metropolitan areas to uniformly define, collect, and report chronic disease data that are important to public health practice and available for states, territories and large metropolitan areas. In addition to providing access to state-specific indicator data, the CDI web site serves as a gateway to additional information and data resources.

website: <https://catalog.data.gov/dataset/u-s-chronic-disease-indicators-cdi-e50c9>

From: Data World >> Sample No. 7

CHRONIC DISEASES IN AMERICA

6 IN 10

Adults in the US
have a **chronic disease**

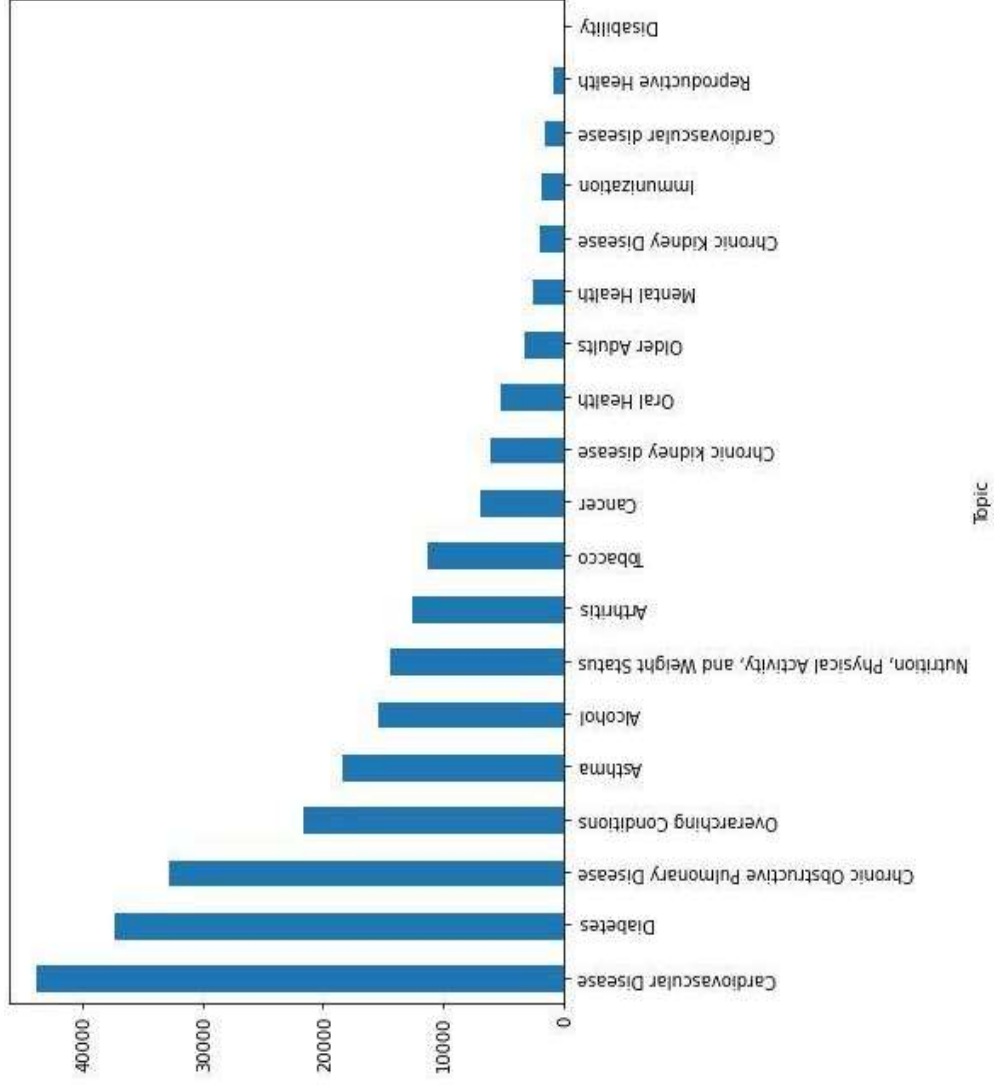


4 IN 10

Adults in the US
have **two or more**

THE LEADING CAUSES OF DEATH AND DISABILITY
and Leading Drivers of the Nation's **\$3.8 Trillion** in Annual Health Care Costs





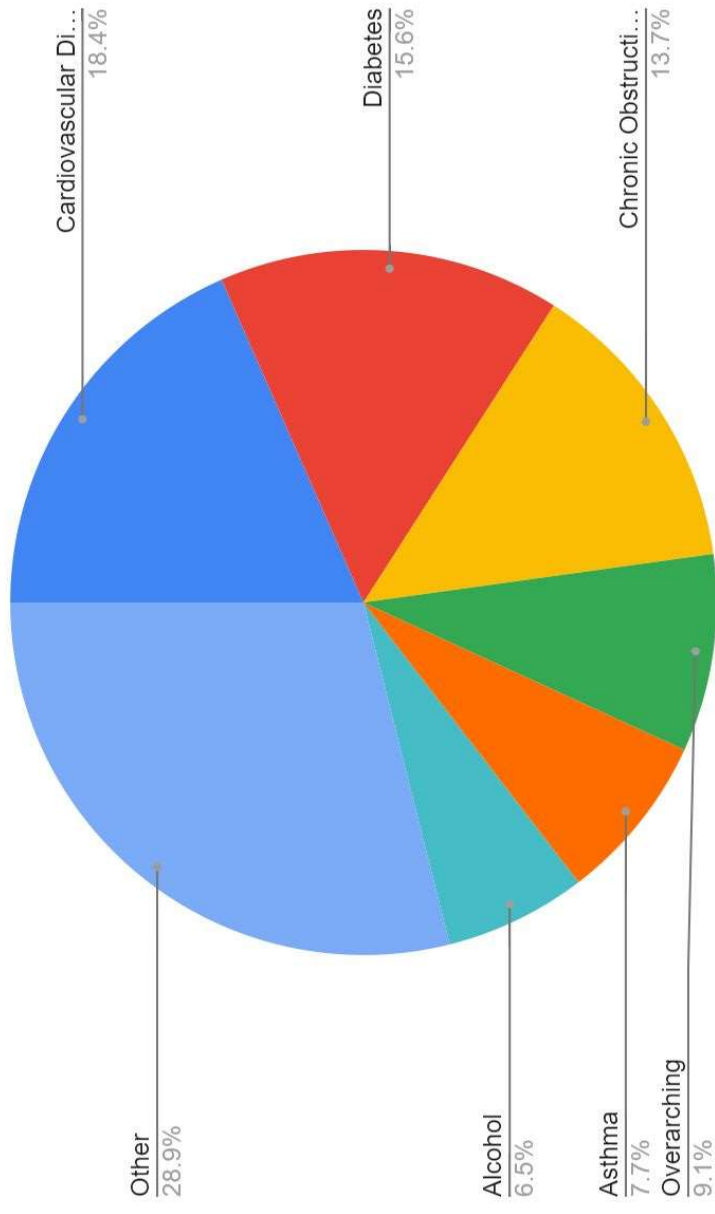
Summary: Chronic Disease

Topic	count	percentage
Cardiovascular Disease	43835	18.42
Diabetes	37226	15.64
Chronic Obstructive Pulmonary Disease	32704	13.74
Overarching Conditions	21569	9.06
Asthma	18371	7.72
Alcohol	15436	6.49
Nutrition, Physical Activity, and Weight Status	14364	6.04
Arthritis	12620	5.30
Tobacco	11262	4.73
Cancer	7001	2.94
Chronic kidney disease	6135	2.58
Oral Health	5213	2.19
Older Adults	3289	1.38
Mental Health	2610	1.10
Chronic Kidney Disease	2058	0.86
Immunization	1850	0.78
Cardiovascular disease	1548	0.65
Reproductive Health	815	0.34
Disability	55	0.02

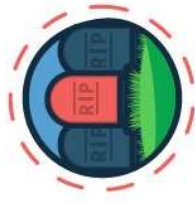
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Top 6 Chronic Diseases based on CDI data

2001-2014



In the United state Cardiovascular disease cause :



1 IN 3 DEATHS

or more than 859,000 people each year.

\$214



BILLION in health care system costs.

\$138



BILLION

in lost productivity on the job from
premature death.

Fast Fact about Diabetes



34.2MILLION

Americans are living with diabetes, and

-- 4 of them don't know they have it.



88 MILLION

people have prediabetes, and

-- 90% of them don't know they have it.



\$327 BILLION

is the annual estimated cost of diabetes in
2017

How to Prevent Chronic Illness with Small Lifestyle Changes

