Dataset Records

When you find potentially useful datasets for your work, be sure to take these notes before navigating away!

Search terms and search tool you used to find this dataset

High Blood Pressure Statistics
CDC Public Datasets
NDC-RisC Public Data Downloads

URL - (Also be sure to download a local copy)

Check to make sure the URL is stable from session to session (try opening the same URL in a different browser). If it is not stable, look for a “stable URL” or “permalink” or similar, or else document how you arrived at your data from the most recent stable URL on the website.

https://ncdrisc.org/data-downloads-blood-pressure.html

Date Downloaded

Datasets can be fluid, so be sure you record when you downloaded your data.
17 January 2023

Authorship

Record the author, Primary Investigator, or Agency that created the dataset
NCD-Risk Factor Collaboration

Exact name of the dataset and version

There are lots of similarly named datasets, so this will prevent mayhem later.

- NCD_RisC_Lancet_2016_BP_crude_countries.csv

Time period, geography, and/or scope covered

CDC - 1975 to 2015,

Covers Data for Men and Women (18+), for 200 countries in all continents

Location of dataset overview information

URL or other description of where to find the overview. Note key aspects of the overview in your notes (such as time period, geography, etc). Be sure to save local copies as datasets can be fluid things and documentation may move or change.

NCD:
https://ncdrisc.org/data-downloads-blood-pressure.html

Location of technical documentation

URL or other description, PLUS LOCAL COPIES THAT YOU SAVE. These may include a codebook, user guide, metadata, documentation, and terms of use. Be sure to save local copies as datasets can be fluid things and documentation may move or change.
https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(16)31919-5/fulltext#seccestitle130

Metadata: Raised blood pressure is the leading global risk factor for cardiovascular diseases and chronic kidney disease. One of the global non-communicable disease (NCD) targets adopted by the World Health Assembly in 2013 is to lower the prevalence of raised blood pressure, defined as systolic blood pressure of 140 mm Hg or higher or diastolic blood pressure of 90 mm Hg or higher, by 25% compared with its 2010 level by 2025. Consistent global information is needed to understand how countries compare on blood pressure levels and trends, and where interventions to curtail the rise in blood pressure are most needed.

The prevalence of raised blood pressure measures the number of high-risk people irrespective of treatment status, and is the indicator used in the global NCD target. However, blood pressure has a log-linear association with cardiovascular diseases and chronic kidney disease that continues well below the threshold for raised blood pressure, and treatment provides

similar proportional risk reductions irrespective of pretreatment blood pressure. Trends in mean population blood pressure measure how blood pressure distribution has shifted over time.

We pooled population-based data to estimate national, regional, and global trends from 1975 to 2015 in mean systolic and mean diastolic blood pressure, and in the prevalence of raised blood pressure, for adults aged 18 years and older in 200 countries and territories. We also estimated trends in the number of adults with raised blood pressure, and calculated how much these trends are attributable to changes in prevalence versus changes in population size and age structure.

Data formats:
Global Data: Age-standardized and crude
Country Specific: Age-standardized and crude
Region Specific: Age-standardized and crude
Individual Country: Age-standardized and crude

CDC: Large sample size from multiple countries and wide age range(18-79)

Terms of Use
Are there any restrictions on how you can use these data?

- These are publicly available datasets

Suggested Citation if provided

You may adjust this citation later to accommodate a particular citation style, but always record the suggested citation in your notes.

NCD-RisC. “Blood Pressure > Data Download > NCD.” RisC, 2017, https://ncdrisc.org/data-downloads-blood-pressure.html.