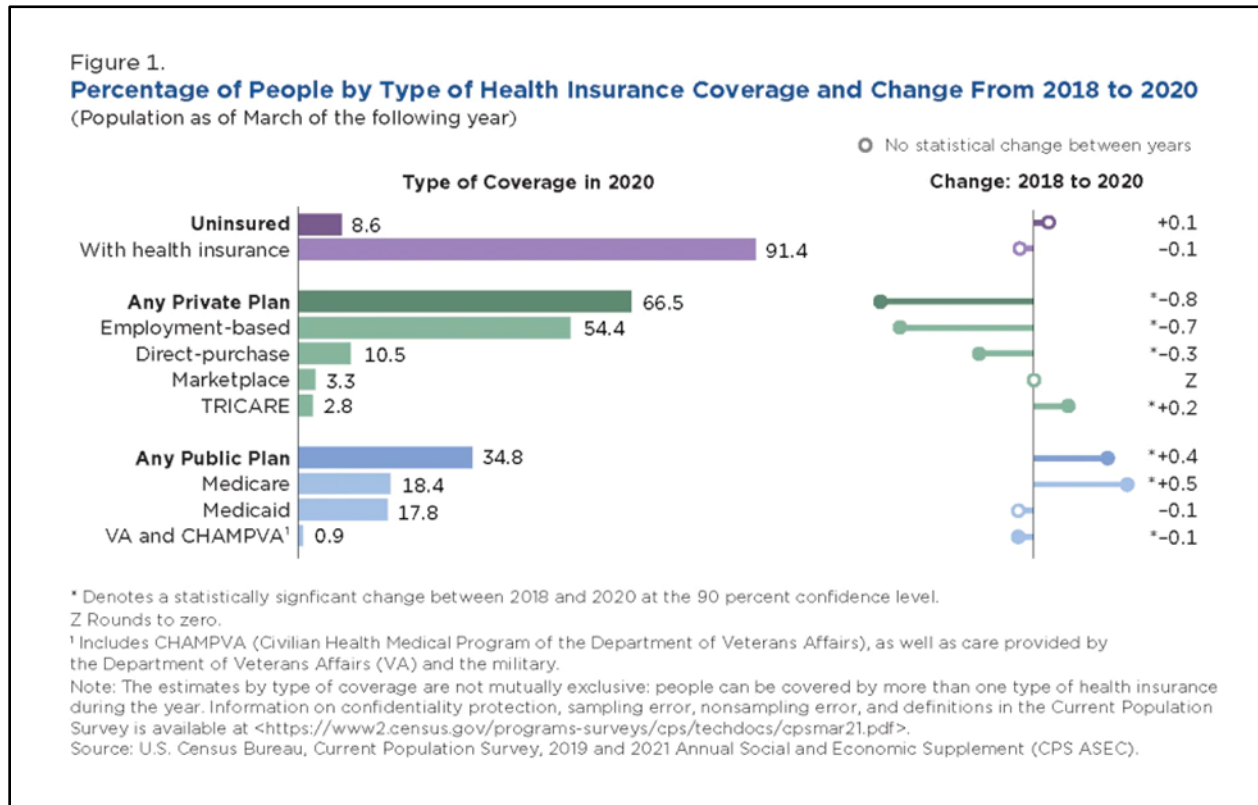


Loreen Henry

Critique: Data Visualization of a Chart



Source: U.S. Census Bureau, Current Population Survey, 2019 and 2021 Annual Social and Economic Supplement

This chart does its work well while communicating the changes in the date/years of data. There are many human challenges in terms of communication when looking at a data visualization of information. There is the need to convey the amount of the main themes that the chart wishes to convey but the chart's designers would also need to hold the viewer's attention while also accurately conveying information.

The U.S. Census Bureau send out daily updates on many kinds of big data that they have collected and aggregated. The data is used by scientists, journalists, researchers, and everyday people. It is important that the Census accurately and factually conveys the information by using

data visualization. This is critical to data analysis because it provides structure in presenting the data so that the information is understandable.

Checklist Items for Data and Charts

There are no issues with source that need solving.

There are no missing values.

Date formats, name, source, and spelling are consistent.

Font selection, and use of bold, or colors are consistent and clear.

Categories are well chosen.

Aggregations were computed and the sample is logical.

Frame of reference has not been manipulated.

Source/Author is trustworthy.

References List

U.S. Census Bureau. Current Population Survey. 2021. *Annual Social and Economic Supplement, 2019 and 2021*.
<https://www.census.gov/data/datasets/time-series/demo/cps/cps-asec.html> (September 15, 2021).