

What is a frequency distribution?

A frequency distribution is one of the most common graphical tools to describe a single population. It is a tabulation of the frequencies of each value (range of values) or a table that shows how frequently each value of a variable occurs in a set of scores. An ordered array of data points (also called observations, measures, measurements, scores) from highest to lowest or vice versa. **An example:** Direct observations, of values that a variable assumed in a research study. A variable is often referred to as "x,". Population, as defined by the researcher, consisting of 17 values of the variable. x is defined as the number of monographs on Reserves for the faculty members in a department of classics in one semester. The values the variable assumes, in the order in which they were determined are below. Remember that all of these values are measured in units of monographs:

10	5	5	0
90	10	5	
7	0	9	
23	7	5	
7	0	1	

We will use five columns in the frequency distribution, x, the number of monographs freq x, the frequency of x, how often this particular value appears in the data set

Just remember that we just took the quiz on this subject

(University of Texas, n.d)

Response 2

Defining frequency distribution is first breaking the word down. We think of frequency we think and compare that word to numbers and some form of numbers. We think of distribution as the separation of numbers. Still, the actual term **frequency distribution** means that the values of the variables are taken in the sample given. Each of the values are then placed into a table or chart. The entries into the table is considered a frequency. The frequency can also be considered the number of multiple numbers within the chart. When counting the frequencies in the table and then summarizing the table this forms the distribution of the values.

Easier said than explained it is simply meaning that the numbers taken from some form of answer can be placed into a table. Those numbers represent the frequency of the table and the distribution is defined as the plotted answers. I know explaining this may seem confusing but it is easier said than done. It makes for an interesting definition in my sense because I am trying to explain yet not confuse. Hopefully I explained it enough so no one is confused.