

# Cumulative Frequency Distribution

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## RECOMMENDED CITATION

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A frequency distribution lists sets of scores and their frequency, which is how many times the score occurs. For example, a set of scores you are looking at is 1,1, 2, 2, 2, 3, 4, 4, 4. The frequency of score 1 is 2 because the number 1 appears twice in the set. The frequency of score 4 is 3 because it is represented three times in the score set. A cumulative frequency distribution is a list of scores, their frequency, and their cumulative frequency. Cumulative frequency is the total of a frequency and all of the frequency scores beneath it. In the previous score set example, the cumulative frequency for the score of 3 would be 6. This is determined by adding to frequencies of scores 1, 2, and 3. Their respective frequencies are 2,3 , and 1:  $(2+3+1)=6$ .

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