Equation

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The equation below is for the standard deviation of a set of data, where s is the standard deviation variable, N is the amount of values within the set, x_i is the ith element in the set, and $\bar{x}$ is the average of the set of data. The equation looks as follows:

$$s = \sqrt{\frac{1}{N-1} \sum_{i=1}^{N} (x_i - \bar{x})^2}.$$