

Introduction to Statistics

Activity 2.3a

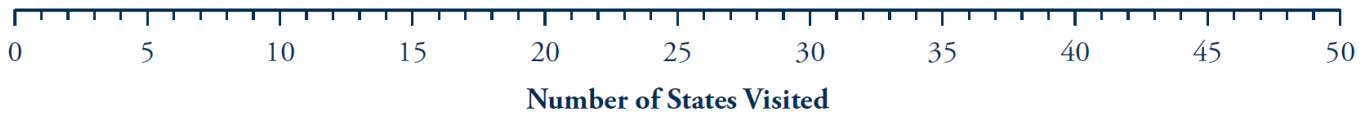
NAME:

Traveling the USA

- a) What type of variable is the *how many states have you visited* question (quantitative or qualitative)?



- b) Create a visual display of the distribution of the number of states visited by you and your classmates. A horizontal scale has been drawn; place a dot for each student above the appropriate number of states visited. For repeated values, simply stack the dots on top of each other.



- c) Circle your own value on the dotplot you just created. Where do you seem to fall in relation to your peers with regard to number of states visited?

- d) Write a paragraph describing various features of the distribution of number of states visited. Imagine that you are describing this distribution to someone who cannot see the display and has absolutely no idea how many states people visit.

[Advice: Here and throughout the course, *always* relate your comments to the context. Remember that data are not just numbers, but numbers with a context, in this case, the number of states visited by you and your classmates.]