

Top Ten/Bottom Ten American Statistics

Student Worksheet

Name _____ Date _____ Hr _____

Part 1

1. Each of you has two blank maps of the United States, and a **data** set from the USA Census Bureau. You are going to map data from this list.
2. Your list is ordered from highest to lowest or vice versa. Find the top ten (highest) states on your list. On the first blank map, shade the top ten states using the same colored pencil. Label the state with the state name and with appropriate data figures for your list. (Be careful---each of you has a different list.) Title your map with a title which is appropriate for your list of data. Ask your teacher for help with this.
3. On the second blank map do the same for the bottom ten states on your list. Remember to title your map.
4. Proceed to Part 2.

Part 2

The titles of my maps are: _____

Look at your maps. How are your states **distributed**? Are they spread out? Are they clustered? Are they **contiguous**? If your map has six states that are **contiguous** (connected) we will call this a **region**. When you have discovered your regions, or lack of regions, answer the following questions

1a. On my "top ten" map there are _____ states which are contiguous.
(Write the number of states that are connected from 0-10.)

1b. The following states are in my region (remember that six-6—contiguous states **constitutes** a region). If you have fewer than six **contiguous** states, go to number 1d.

1c. Give a name to the **region** you have mapped. _____

1d. Write a statement about your "top ten" map describing the **distribution** of the **data**. This should be a complete sentence or more, using geographical descriptions.

2a. On my "bottom ten" map there are _____ states which are contiguous.
(Write the number of states that are connected from 0-10.)

2b. The following states are in my region (remember that six-6—contiguous states **constitutes** a region). If you have fewer than six **contiguous** states, go to number 2d.

2c. Give a name to the **region** you have mapped. _____

2d. Write a statement about your “bottom ten” map describing the **distribution** of the **data**. This should be a complete sentence or more, using geographical descriptions.

Part 3

Using the masking tape provided, hang your pair of maps on the wall of the classroom. When you have finished hanging your maps, compare your maps with your classmates’ maps. Using all the maps in the room, see if you can find maps that have similarities. You should be looking for maps that have matching states. A match is any two maps that have six states in common. These states may or may not be a region, though it’s easiest to look for the regions first.) Write the titles of the maps for each match.

Ex: *Highest percent of cultivated land matches Lowest crime rate.*

List as many matches as you can!!!

Now pick one of your matches that you think is particularly good (interesting), and write a relationship statement using the blanks below.

There is a relationship between _____

Why do you think this relationship exists? List as many ideas as you can. What questions would you need to ask to investigate whether this is a legitimate relationship?

Write at least three questions here:

1.

2.

3.

more:

<http://www.census.gov/>

Click on American fact finder (on the left)

Click on “ranking tables” (on the right)