

CEDSCI Usability Testing Tasks for Participants

Testing Tasks for both novices and experts

1. You are interested in finding out what the typical commute (e.g. mean or median) is in your area, where would you look to find this?
2. What percent of the population in the United States graduated from high school?
3. *Part I.* You are considering moving to Accomack County in Virginia because you hear the schools are particularly good. You would like to know what the average mortgage payment (e.g. mean or median) is for a house in Accomack County, VA. How would you find this information?

Part II. You would like to know what a typical mortgage is in a neighboring county to Accomack county in Virginia, how would you do this?

4. You would like to know how many grocery stores there are in the United States. How would you find this information?

5. *Part I.* You would like to find what the percent of people living in poverty was in the year 2012?

Part II. How does the percent of people living in poverty in 2012 compare to the percent of those living in poverty today?

Part III. You would like to work with the data table on your computer, how would you get a file of this table onto your own computer?

Testing Tasks for experts only

6. Find the gini index (a common measure of income inequality) for:
Part I. All counties in Texas.

Part II. All tracts in Texas that border Mexico.

7. *Part I.* Find the total number of

- Single, female headed households
- With children under 18
- Who are receiving SNAP or food stamp benefits
- In Washington, DC.

Part II. Now find the data for all zip codes in Washington DC.