Question 2.1: To what do each of the records in the attribute table correspond (in terms of the geospatial data you can see in the View)?

Question 2.2: What type of data classification (nominal, ordinal, interval, or ratio) does the Shape_Area field represent and why?

Question 2.3: What type of data classification (nominal, ordinal, interval, or ratio) does the COUNTYFP field represent and why?

Question 2.4: Each of the two tables has another field with the same information (in the CensuscountiesOhio table, it is called STATEFP, and in the DEC_10_SF1_G001 table, it is called State). Why can these fields not be used as the key when joining the population values to the county feature class records?

Question 2.5: Which Ohio county has the largest population?

Question 2.6: How many Ohio counties have a population of more than 127,500 persons?

Question 2.7: Where in Ohio (in general terms) are these higher-population counties located?

Question 2.8: Do any of the following counties have more than 127,500 persons (and if so, which ones): Stark, Portage, Trumbull, Mahoning, or Columbiana?

Question 2.9: How many Ohio counties have a population of less than 40,000 persons?

Question 2.10: Where in Ohio (in general terms) are these lower-population counties located?

Question 2.11: Do any of the following counties have less than 40,000 persons (and if so, which ones): Stark, Portage, Trumbull, Mahoning, or Columbiana?

Question 2.12: How many Ohio counties have a population of more than 127,500 persons and also have more than 100,000 housing units? Which counties are they?

Question 2.13: Why are you using OR as the Boolean connector in all four places in the compound query? What would be the result of using AND in place of OR all four times?

Question 2.14: What is the total population of this five-county area?

Question 2.15: How many places in this five-county region are considered a college or university?

Question 2.16: How many colleges or universities are in the city of Canton?

Question 2.17: In which county is Canton located? (*Hint:* Use the Identify tool to examine the attributes of the Fivecounties layer to answer this question.)

Question 2.18: How many colleges or universities are in the city of Youngstown?

Question 2.19: In which county is Youngstown located? (*Hint:* Use the Identify tool to examine the attributes of the Fivecounties layer to answer this question.)

Question 2.20: Show your final saved results or your PDF file to your instructor, who will check over your work for completeness and accuracy to make sure you get credit for this question. You should also demonstrate your three working hyperlinks.

Step 2.10: No additional tasks for this chapter