**Local Scale**

**Connecticut State Data**

[**http://ctsdc.uconn.edu/dataviz/**](http://ctsdc.uconn.edu/dataviz/)

**Task:**

1. **Visit the above website to find data to answer the following questions**

[**http://web2.uconn.edu/ctsdc/projections.html**](http://web2.uconn.edu/ctsdc/projections.html)

1. **Population Projections:** 
   1. **What was Connecticut’s population in 1990?**
   2. **What was Connecticut’s population in 2010?**
   3. **Task:** 
      1. **Create a population pyramid based on CT’s data for the 2015 year projections for your assigned town.** 
         1. **To find the data for individual towns please click on the town in the interactive map. This will give you the data for the town in the section below the map.**
         2. **Instructions for creating a population pyramid are at the website below:**

[**http://www.bgsu.edu/content/dam/BGSU/college-of-arts-and-sciences/center-for-family-and-demographic-research/documents/Help%20Resources%20and%20Tools/Statistical%20Analysis/Excel-Basics-Creating-Population-Pyramids-Using-Microsoft-Excel.pdf**](http://www.bgsu.edu/content/dam/BGSU/college-of-arts-and-sciences/center-for-family-and-demographic-research/documents/Help%20Resources%20and%20Tools/Statistical%20Analysis/Excel-Basics-Creating-Population-Pyramids-Using-Microsoft-Excel.pdf)

* 1. **Answer the questions on the population pyramid (see attached)**
  2. **Complete the Town Statistics sheet on the next page**
     1. **Try searching the town website for this information**

1. **Compare Local and Global data**
   1. **Complete the compare and contrast section of the handout**

**Questions About the Population Pyramid**

1. Which age and sex group represents the largest portion of your town’s population?
2. Which sex group is the largest? Why do you think this is so?
3. What is the total number of citizens in your town under the age of 18? What might this suggest?
4. What is the total number of citizens in your town over the age of 65? What might this suggest?
5. Which age grouping represents the largest portion of the population in your town?

0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90

1. How would you explain this finding?
2. Based on this graph, how would you categorize the population of your town? (Look back to the beginning of the instruction set to find the four categories.)
3. What would you predict the population pyramid of your town would have looked like 100 years ago? Why do you think so?
4. What do you predict the population pyramid of Connecticut will look like 100 years from now? Why do you think so?
5. Based on your town’s statistics and population pyramid what would you recommend your town invest in over the next 50 years?

\*use your Town Statistics sheet to help explain your findings.

**Compare Local and Global Data:**

Task:

**Compare and Contrast Population Trends on Different Scales**

**Compare Trends in Connecticut (answer as a class)**

**1. What are some common trends that you see occurring statewide? (is there one population demographic that is growing?)**

**2. Why might these trends be occurring? What impact might they have on the state?**

**3. Pick three towns that seem to oppose these state trends. Why do you think that these towns don’t follow the state trend?**

**3. How does population differ by region in Connecticut?**

**4. What Predictions can you make about the State’s population? What do you base your predictions on?**

**5. The gubernatorial election is in just a few weeks… If you were running what suggestions would you make based on your pyramids?**