

Population Density Analysis

The Task: Use world and regional population density maps to analyze patterns of population density in the U.S. and around the world.

Standard: **9.3.3.5.1** – Describe the patterns of human population distribution in the United States and major regions of the world.

How To:

1. Go to <https://afsa.maps.arcgis.com>
2. Open your FGP map.
3. Go to Add – Search for Layers
4. In Find, type “Population Density” and in choose “ArcGIS Online”.
5. Add – “World Population Density Estimate 2016” by Esri.
6. Answer the following questions **WITH THOROUGH AND SPECIFIC ANSWERS AND IN COMPLETE SENTENCES**

Grading: Daily Work – 10 points

Accuracy and Completeness (4 points)

All components of the assignment are complete with the expected information.

All Information provided is correct.

Effort and Thought (4 points)

Work demonstrates consideration and thorough understanding of the information.

Assignment shows effort and creativity (when appropriate)

Overall Quality (2 points)

COPS!!

Assignment is neat and looks nice.

THIS ASSIGNMENT WILL BE DUE

Population Density Map Questions

Use the ArcGIS maps to answer the questions below **IN COMPLETE SENTENCES**. Answers need to be **DETAILED** and provide **SPECIFIC EXAMPLES**.

World and US Population Density Map Questions

1. Describe the patterns you observe on the maps. Where are there clusters of population? Where is the population more evenly dispersed? (**Do not just give a country or state name, give specific areas within the country or state**)

US Map:

World Map:

2. Identify specific areas with the following characteristics: (**Do not just give a country or state name, give specific areas within the country or state**)

- a. Areas with highest population density

US Map:

World Map:

- b. Areas with lowest population density

US Map:

World Map:

- c. Areas with gradual change in density

US Map:

World Map:

