



# GIS CAMP PROJECT 2019

By Paw Ku

# OBJECTIVES

- What does ADE stand for? It stand for adverse drug events. An adverse drug event (is an injury resulting from medical intervention related to a drug. (This includes medication errors, adverse drug reactions, allergic reactions, and overdoses.)
- There two categories that specifics if ADE can be preventable or not ( inpatient and outpatient setting).
- Although inpatient setting is more preventable then outpatient but luckily most of the ADE can be preventable.
- The ADE relates to what I'm going to be mapping on the map about drug classes in different areas.
- I'm also going to be talking about adverse drug event code classes that are found in the united state in 2015.
- I'm going to be talking about classes 1 and 11 – the higher the classes goes up the higher it indicates how dangerous it is and if it can be cure able or not.

# STUDY AREA: United States



# DATA SETS: ANALYZING STEPS

- Analysis -> find location -> find existing location -> step 1 : drug poisoning deaths
- step 2 : Expression -> class -> Is -> 1
- step 3 : result layer name
- Analysis -> find location -> find existing location -> step 1 : drug poisoning deaths
- step 2 : Expression -> drugposiondeathrate -> is -> >30
- step 3 : result layer name
- Analysis -> data enrichment -> Enrich layer -> step 1: find\_locations\_in\_EKK\_1
- step 2 : select variables -> age -> 2010 median age
- step 3 : 1 miles -> result layer name
- Analysis -> data enrichment -> Enrich layer -> step 1: find location in \_ find\_location\_EKK\_22
- step 2 : select variables -> age -> 2010 median age
- step 3 : 1 miles -> result layer name



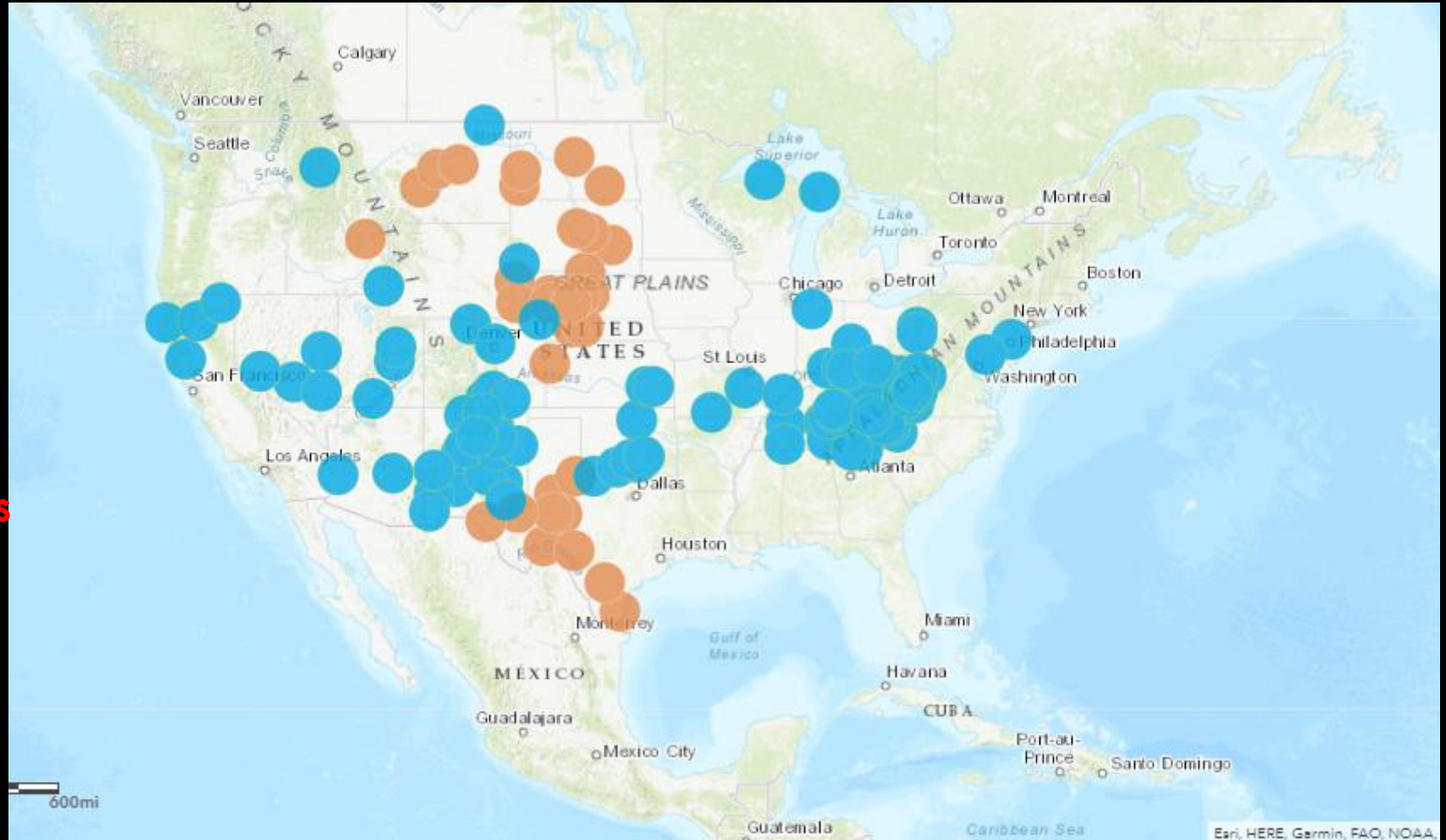
# RESULT:

Orange – level one class

**Drug Psychosis – symptoms includes depressed mood, anxiety**

Blue – Level eleven class

**Poisoning by Sedatives and Hypnotics** - are a group of drugs that cause central nervous system (CNS) depression.





# CREDITS

- Drug poisoning death maps – credits to Jennifer Bell
  - She is a cartographic product engineer on Earl's Atlas team.
- ADE Class level – credit to Utah Department of health.

Who am i:

- Activities that I like are playing video games.
- Activities that I'm good at are babysitting.
  - School Subject that I like are ELA.
- School subjects I am good at are health class.
- My interest area are social, artistic and enterprising.

Where am I headed :

- Top occupations that match my interest area are mental health counselors (SA).
- Activities a MHC does are – working with people to help them overcome their emotional struggle.
- Amount of training needed for this occupation : Masters degree
- What I like about MHC is that they will be ready to help and listen to your emotional problems.

# MY CAREER STORY

How can I get there :

- During school years I can try to focus more on the classes that I need to help me better get me closer to my careers. ( English )
- A step I can take on my career path this summer is to learn more about my careers by reading books or watching a video.
- My friends and teachers can help me on my path to my career.

I can use gis to help my clients in helping them to understand more about their surroundings.



I prefer working with  
“People” and  
“Ideas”

