ASSIGNMENT 9

Presentation of Results

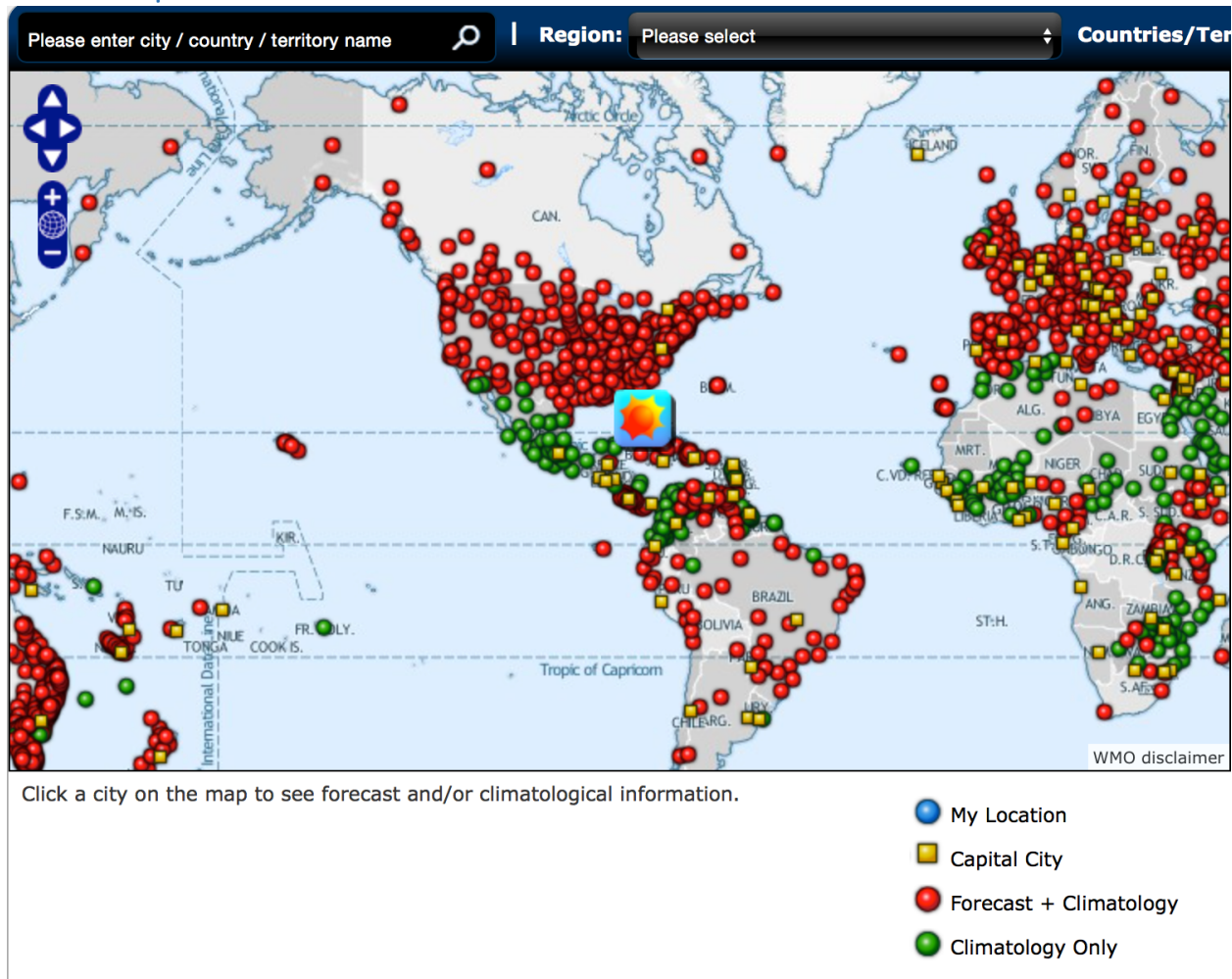*Chunyao Wang*

Wenxing Li

Jie Rong

Analysis

1.World Weather (8:57pm, April 12, 2016)

❖ Graph

Click a city on the map to see forecast and/or climatological information.

🔵 My Location
🟨 Capital City
🔴 Forecast + Climatology
🟢 Climatology Only

✓ Proper attribution
http://worldweather.wmo.int/en/home.html
✓ Analysis

This graph shows the ability to forecast a capital city or just provide the climatology of this area on April 12, 2016. In the graph, the yellow points refer to most of capitals in the world, and the red points show that the world weather organization is capable to forecast the weather conditions in these areas and also able to provide climatology. And the green points mean only climatology can be provided. In general, from this graph, we can learn about that almost most weather of capitals in the world can be forecasted and has climatology, nevertheless, the capitals in southern America and most Africa area cannot be
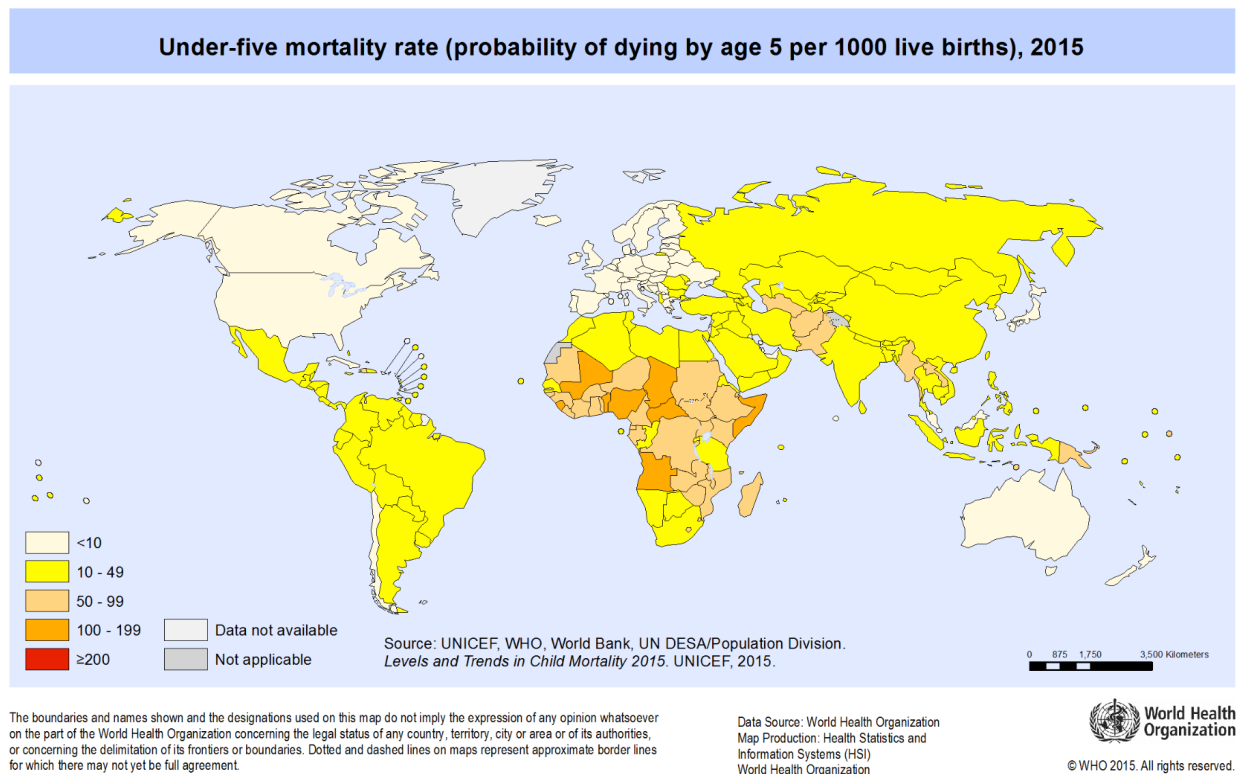
forecasted.

Comments:

It is deftly multivariate and gives to the viewer the greatest number of ideas in the shortest time with the least ink in the smallest space. It is shrunken and of high density. It has high proportion of data-ink.

2. Child health under five mortality
  ❖ Graph

Under-five mortality rate (probability of dying by age 5 per 1000 live births), 2015

Source: UNICEF, WHO, World Bank, UN DESA/Population Division.
Levels and Trends in Child Mortality 2015. UNICEF, 2015.

The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: World Health Organization
Map Production: Health Statistics and Information Systems (HSI)
World Health Organization

World Health Organization

© WHO 2015. All rights reserved.

  ✓ Proper attribution
    http://gamapserver.who.int/mapLibrary/Files/Maps/Global_UnderFiveMortality_2015.png
  ✓ Analysis
This graph shows the mortality rate of child dying by age 5 per 1000 per live births in the world in 2015. The light yellow show part shows the mortality is less than 10, and the yellow part shows the mortality is between 10 to 49, light orange part shows the mortality is between 50-99, orange part shows the mortality is 100 to 199, and the red part shows the mortality is larger than 200. And according to this graph, in northern America area, the mortality is less than 10 per 1000 live

births for child age 5, and most area in the world, mortality is between 10-49, such as Europe, Asia, southern America and part Africa areas. And in the middle part of Africa, the mortality is larger than other part of the world.

Comments:

The different color makes the graph considerable comparative. It can be drawn in a more professional manner by adding region names on corresponding parts to improve the data-ink ratio and the narrative quality. Besides, it can be more multivariate by presenting more relative factors together on the same graph.
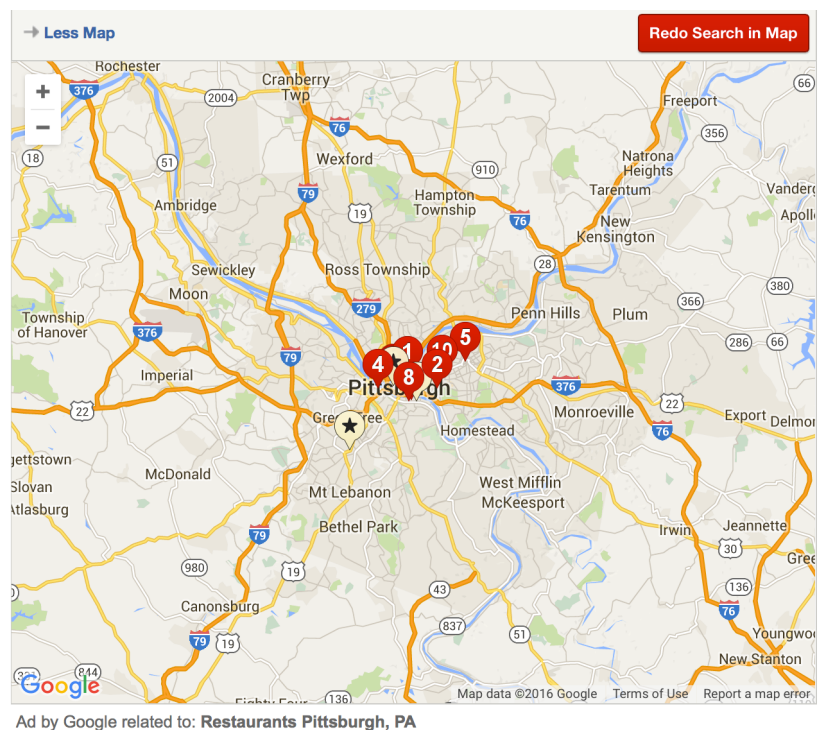
3. Restaurant nearby
❖ Graph

Ad by Google related to: **Restaurants Pittsburgh, PA**

✓ Proper attribution
http://www.yelp.com/search?find_desc=Restaurants&find_loc=Pittsburgh%2C+PA&ns=1
✓ Analysis
This graph shows the restaurants around my location. It not only marks the nearest restaurants and it provides the ranking in accordance with customers review in this app. This graph needs to combine both map, restaurants, reviews collections and analysis and so on, therefore, it requires abundant of data.
Comments:

It is narrative in content and efficient in interpretation. To some degree, it is not comparative enough. For example, it can show by the distance or ranking to improve the data-ink ratio and the narrative quality.