

WHO data

WHO Worksheet

Instructions:

Click on the following link and follow the instructions in the video and power point:
<https://apps.who.int/gho/data/node.main.1?lang=en>

Answer the following questions:

1. List four countries where life expectancy has changed the most in 2000 versus 2016:
2. Explain why life expectancy in one of these nations has changed so much during this time and provide a reference (not Wikipedia)
3. List four countries where life expectancy in men is much shorter than life expectancy in women:
4. What do many of these nations have in common?
5. Explain why life expectancy between genders one of these nations differs so much and provide a reference (not Wikipedia)
6. List all the nations where the death rate from air pollution is per 100,000 is 200 or higher:
7. What do many of these nations have in common?
8. What source of air pollution that is mainly responsible for these deaths?

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9. Based on the measles chart, what overall difference do you see between the vaccination rates of rural vs. urban populations?

10. Remove values for all vaccinations taking place after 2000. What effect does this have on the correlation coefficient and graph shape? Explain why it changes in this way?

11. On average, does a child who is not vaccinated for measles in the U.S. face the same risk of dying from measles as one in Africa who is not vaccinated? What populations are likely to benefit the most from immunization for measles? Why?

12. Why focus the data on a specific region such as Africa? What would be the problem with making a scatter plot of data on measles that includes all countries of the world?