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Investigating the COVID-19 Pandemic in Your Community

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Human Development – Investigating the COVID-19 Pandemic in Your Community
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Assignment Instructions: For this writing assignment, you will conduct research on statistics about COVID-19 in New York City and related communities. Please note that you must live in a community inside of New York City to follow the steps below. If you do *not* live in New York City, you can use *11235 and Sheepshead Bay in Brooklyn as a “default” address* to conduct research. This is the neighborhood around Kingsborough Community College.

For questions 1, 2, 3, and 4, you will conduct research on COVID-19 statistics within NYC and your specific neighborhood/community in New York City. In questions 5 and 6, you will analyze the data you have gathered while using your own knowledge of your community. To receive full points for this assignment, you must answer each question fully, using the information you have gathered from research as well as the information on human development that we have discussed throughout this entire course.

Question 1, 2, 3, and 4: Fill Out Charts on COVID-19 Statistic (Worth 10 Points Each Chart)

Go to the following website and then follow the step-by-step instructions to fill out charts 1, 2, 3, and 4

New York City (NYC) COVID-19 Data Site: <https://www1.nyc.gov/site/doh/covid/covid-19-data-neighborhoods.page>

Chart 1: Summary of COVID-19 Information for New York City.

- 1) Go to Latest Data on the top tab
- 2) Scroll down to click Summary on the middle tab
- 3) Fill the in the chart below with most recent information – Note the date you created the chart

Chart 1. Summary of COVID-19 Information for New York City.

| Measure | Last 7 Days - Daily Average | Last 28 Days – Daily Average | Trend |
|------------------|-----------------------------|------------------------------|-------|
| Percent Positive | | | |
| Total Cases | | | |
| Hospitalizations | | | |
| Confirmed Deaths | | | |

Chart 2: Summary of New Cases per 100,000 Residents in Your Zip Code

- 1) Go to Latest Data on the top tab
- 2) Scroll down to click Transmission on the middle tab
- 3) Scroll down a little and click “Your Neighborhood” instead of “Citywide and Boroughs”

- 4) Go to “Enter a neighborhood to get data,” type in your NYC zip-code, and then click Enter. (If you do not live in NYC, use Kingsborough’s 11235 zip code).
- 5) Fill the in the chart below with most recent information – Note the date you created the chart.

Chart 2. Summary of New Cases per 100,000 Residents in Your Zip Code

| Date (Pick Any 5 Other Dates From Chart) | New Cases Per 100,000 Residents |
|--|---------------------------------|
| Total New Cases | |
| Date 1: | |
| Date 2: | |
| Date 3: | |
| Date 4: | |
| Date 5: | |

Chart 3 & 4. Totals and Comparisons for Your Zip Code

- 1) Go to the top tab again and click “Data by Zip”
- 2) In the area where it says “Search for your ZIP code or neighborhood,” enter your NYC zip-code and hit submit. (If you do not live in NYC, use Kingsborough’s 11235 zip code).
- 3) Note the date you are taking down data.
- 4) Note how many new cases per 100,000 people in the last seven days in your zip code.
- 5) Fill the in the 2 charts below with most recent information – Note the date you created the charts.

Chart 3. Totals for Your Zip Code

| Population | Raw Numbers | Extra Information on How Many People X |
|-------------------------------------|-------------|--|
| Cases | | |
| Deaths | | |
| People Vaccinated (At Least 1 Dose) | | |

Chart 4. Comparisons between Your Zip Code against Rest of Borough and New York City

| Rates | Raw Numbers Per 100,000 | Compared to Borough’s Rate | Compared to New York City’s Rate |
|---------------------------------|-------------------------|----------------------------|----------------------------------|
| Case Rate | | | |
| Death Rate | | | |
| Vaccination (At Least One Dose) | | | |

Analysis Questions: 5 – 9.

Instructions: Now that you have gathered data on the health and wellbeing of people living within your community, it's time to take action! Please analyze the demographic, economics-related, health-related and education-related research data that you gathered to answer questions the following questions. You should answer each question with AT LEAST 3-4 sentences. More detailed and descriptive answers will receive higher points! Also, please support your answers using data from the NYC COVID-19 datasite. You can quote numbers as needed.

5. Analyzing Information from Your Neighborhood (Worth 20 Points)

5a. Using information from the datasite, sum up what you have learned. How widespread is the COVID-19 virus among your community (in terms of cases per 100,000 residents)? How many deaths are there in your community due to COVID-19? How many people have been vaccinated with at least one dose?

5b. In general, do you believe that the residents of your neighborhood are generally doing well or poorly in terms of being at risk of the COVID-19 virus?

Suggest some causes and explanations for why people in your neighborhood are doing well or badly in terms of being infected (or not being infected) and/or dying from the COVID-19 virus.

Please use both your charts and your own experiences as a member of your community, as well as information from class, to answer this question.

6. Comparing Your Neighborhood to Your Borough and New York City (Worth 20 Points)

6a. Using information from the datasite, compare your neighborhood's COVID-19 statistics to that of New York City. Is your neighborhood doing better or worse than New York City in terms of: (1) cases per 100,000 residents; (2) deaths; and (3) vaccination doses?

6b. Using information from the datasite, compare your neighborhood's COVID-19 statistics to that of your borough. Is your neighborhood doing better or worse than the rest of your borough in terms of: (1) cases per 100,000 residents; (2) deaths; and (3) vaccination doses?

7. Suggest Positive Changes for Your Neighborhood (Worth 20 Points)

Please suggest changes that could occur in your neighborhood to support their health and wellbeing during the COVID-19 pandemic so they are better protected from the virus.

What new structures or programs could support their health? How can current structures or programs (such as schools, colleges, parks, etc.) change to support their growth?

Be descriptive and creative in how you would support people in your community if you had the opportunity to do whatever you wanted. The sky is the limit here!

Grading Rubrics

Points will be assigned for each INDIVIDUAL question, based on the grading rubrics below. Please note that you can receive a grade in between the major point categories if your answer quality falls in between those two categories.

A. Rubric for Charts 1, 2, 3, and 4 (Each worth 10 Points):

| 1 Point | 5 Points | 10 Points |
|---|---|--|
| Chart is almost completely blank or has been entered with extremely inaccurate information. | Chart is mostly filled out with mostly accurate information. When answer cannot be found to fill in a space within the chart, an N/A (Not Applicable) sign is usually included. There will be a few blank entries in the chart without N/A (Not Applicable) sign. | Chart is filled out with accurate information. When answer cannot be found to fill in a space within the chart, an N/A (Not Applicable) sign is clearly included. |

B. Rubric for Questions 5, 6, 7 (Each worth 20 Points):

| | 1 Point | 10 Points | 15 Points | 20 Points |
|---|--|---|---|--|
| Style and Grammar | Answer is extremely poorly written and hard to understand due to numerous errors. | Answer is difficult to understand as it contains several spelling, grammar, and punctuation errors. | Answer is mostly written, generally grammatically correct, and usually understandable. | Answer is clearly written, generally grammatically correct, and very understandable. |
| Chart | Answer does not draw upon chart-based information gathered from the COVID-19 dataset. | Answer almost never draws upon chart-based information gathered from the COVID-19 dataset. | Answer draws upon some chart-based information gathered from the COVID-19 dataset. | Answer draws upon a great deal of chart-based information gathered from the COVID-19 dataset. |
| Use of Class or Scholarly Sources | Answer includes no information from class, PowerPoints, textbooks, or other sources. | Answer includes little information from the class, PowerPoints, textbooks, or other scholarly sources on human development. | Answer includes some information from the class, PowerPoints, textbooks, or other scholarly sources on human development. | Answer includes information from the class, PowerPoints, textbooks, or other scholarly sources on human development. |
| Creativity and Use of Life Experiences | (For Question 5 & 7): Answer does not draw upon the writer's experiences with and understanding of their community. | (For Question 5 & 7): Answer is not very creative and does not usually draw upon the writer's experiences with and understanding of their community. | (For Question 5 & 7): Answer is somewhat creative and draws upon some of the writer's experiences with and understanding of their community. | (For Question 5 & 7): Answer is creative and draws upon the writer's experiences with and understanding of their community. |