Module 05: Public Health & Water Quality

April 2021

Student Pages - Comparing Two NYC Neighborhoods

Center for Urban Resilience

Follow this and additional works at: https://digitalcommons.lmu.edu/urbanecolab-module05

Part of the Ecology and Evolutionary Biology Commons, Environmental Education Commons, Sustainability Commons, and the Urban Studies and Planning Commons

Repository Citation
https://digitalcommons.lmu.edu/urbanecolab-module05/5

This Lesson 9: Neighborhood Health and Wealth is brought to you for free and open access by the Urban EcoLab at Digital Commons @ Loyola Marymount University and Loyola Law School. It has been accepted for inclusion in Module 05: Public Health & Water Quality by an authorized administrator of Digital Commons@Loyola Marymount University and Loyola Law School. For more information, please contact digitalcommons@lmu.edu.
Lesson 9.4: Comparing Two NYC Neighborhoods

Comparing two neighborhoods - additional factors to explore

Choose two of the NYC neighborhoods that are of most interest to you. Complete the chart below and then compare the rates of public illnesses in them. Come up with a research proposal to determine what other factors beyond median income might be affecting the public health of the neighborhoods that would explain why these two neighborhoods have different rates of public illnesses.

<table>
<thead>
<tr>
<th></th>
<th>Median Income</th>
<th>Rate of Diabetes</th>
<th>Childhood Asthma Hospitalizations per 1,000 children</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neighborhood 1:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neighborhood 2:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Under each heading below determine one factor for each category that you would want to investigate further to determine why there might be public health disparities in these two neighborhoods, beyond median income. Example using Social Factor: I want to investigate the population of elderly in Long-Island Astoria. I think there might be a high percentage of elderly living there, which would help explain Long Island’s high rate of diabetes.

Social Factor and hypothesis:

Physical Environmental Factor and hypothesis:

Natural Environment Factor and hypothesis: