**Long Island Health Collaborative**

**2024 Community Health Assessment Survey (CHAS) Summary of Findings**

**Methodology:**

Surveys were distributed by paper and electronically, through Survey Monkey, to community members. The electronic version placed rules on certain questions; for questions 1-5 an individual could select three choices, and each question was mandatory. For question 6, individuals could choose as many responses as they’d like. Although the rules were written on the paper survey, people often did not follow them. In January of 2024, we downloaded the surveys from Survey Monkey. Data collected includes January - December 2024. We needed to add weights to the surveys which did not follow the rules - for each of the questions that had more than three responses. The weight for each response was 3/x, where x is the count of responses. No weight was applied to questions with less than three responses because they had the option to select more and chose not to do so. With the weight determined, we applied the formula to the data and then added the remaining surveys to the spreadsheet.

**Analysis Results:**

1. When asked: ***What are the biggest ongoing health concerns in THE COMMUNITY WHERE YOU LIVE?***



1. When asked: ***What are the biggest ongoing health concerns for YOURSELF?***



1. When asked: ***What prevents you and your family from getting medical treatment?***



1. When asked: ***Which is MOST needed to improve the health of your community?***



1. When asked: ***What health screenings or education/information services are needed in your community?***



1. Finally, when asked: ***Where do you and your family get most of your health information?***



**Sample Size**

997 surveys were collected between January 1st and December 31st, 2024. There were 363 respondents for Nassau, 509 for Suffolk. 125 respondents did not belong to either Nassau or Suffolk County and were not included in the analysis.

For a full version of the spreadsheet that includes interactive tables to analyze results based on demographic factors you can visit: <https://www.lihealthcollab.org/data-resources.aspx>

**Margin of Error & Criteria for a Representative Sample**

The margin of error in statistics is the degree of error in results received from random sampling surveys. A higher margin of error in statistics indicates less likelihood of relying on the results of a survey or poll, i.e. the confidence on the results will be lower to represent a population.

The most commonly acceptable margin of error used by most survey researchers falls between 4% and 8% at the 95% confidence level. It is affected by sample size, population size, and percentage.

Using the 2024 population of Nassau and Suffolk counties totaled (2,896,502) and the overall number of responses from those counties (872), calculated at a confidence interval of 95%, the margin of error is 3.3%. This is a slightly low representative sample as it falls below 4%.

**Confidence Interval**

A confidence interval displays the probability that a parameter will fall between a pair of values around the mean. Analysts often use confidence intervals that contain 95% of expected observations. In short, if a point estimate is generated from a statistical model of 10.00 with a 95% confidence interval of 9.50 - 10.50, it means we are 95% confident that the true value falls within that range.

**About the Long Island Health Collaborative**

The Long Island Health Collaborative is a partnership of Long Island's hospitals, county health departments, health providers, community-based social and human service organizations, academic institutions, health plans, local government, and the business sector, all engaged in improving the health of Long Islanders. Collaborative members are committed to improving the health of people living with chronic disease, obesity, and behavioral health conditions in Nassau and Suffolk counties. The LIHC is a population health initiative overseen by the Nassau-Suffolk Hospital Council.