

# Industry Challenge

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**Abstract**  
Our health and well being have always been a concern since the beginning of humanity. While people work, party, rest, and try to enjoy life to the fullest, we are also trying to keep a healthy life style. But the perfect balance between working hard, resting and enjoying life have always been a challenge. Unfortunately, we are always subject to and exposed to illness and diseases. This work will look at the leading causes of death in New York City from 2007 to 2014.

## Introduction

Our data shows first of all that the number of people who had died from diseases in New York City had noticeably decreased from 2007 to 2012, and had stabilized since. That was a good news! Looking at the highest numbers though, we see that among the deaths, 7050 (49%) were White Non-Hispanic - number reached in 2007; 2725 (27%) were Black Non-Hispanic; 1445 (18%) were Hispanic, and 657 (6%) were Asian and Pacific Islander. Among all the populations, 49% were Female and 43% Male. The five diseases that killed less people were PNEUMONITIS DUE TO SOLIDS AND LIQUIDS, TUBERCULOSIS, RESPIRATORY DISTRESS OF NEWBORN, CHOLELITHIASIS AND DISORDERS OF GALLBLADDER, and CARDIOVASCULAR DISORDERS IN PERINATAL PERIOD. On the other hand, DISEASES OF HEART, MALIGNANT NEOPLASMS, INFLUENZA AND PNEUMONIA, CHRONIC LOWER RESPIRATORY DISEASES, and CEREBROVASCULAR DISEASE had killed more people in NYC from 2007 to 2014.

Within the Black Non-Hispanic and White Non-Hispanic communities in NYC, DISEASES OF HEART, MALIGNANT NEOPLASMS and Other Causes are the deadliest diseases. Mostly women have been affected in this population, by these causes.

However, in the Hispanic population, DISEASES OF HEART has killed more women than men, while MALIGNANT NEOPLASMS and Other Causes are the deadliest diseases among men compared to women. Overall, the trend is reversing since 2013, since the data shows that more men are being killed compared to women.

In the Asian and Pacific Islander population, the overall number of deaths is increasing. Although, the same causes are affecting this group of population, more men are killed than women.

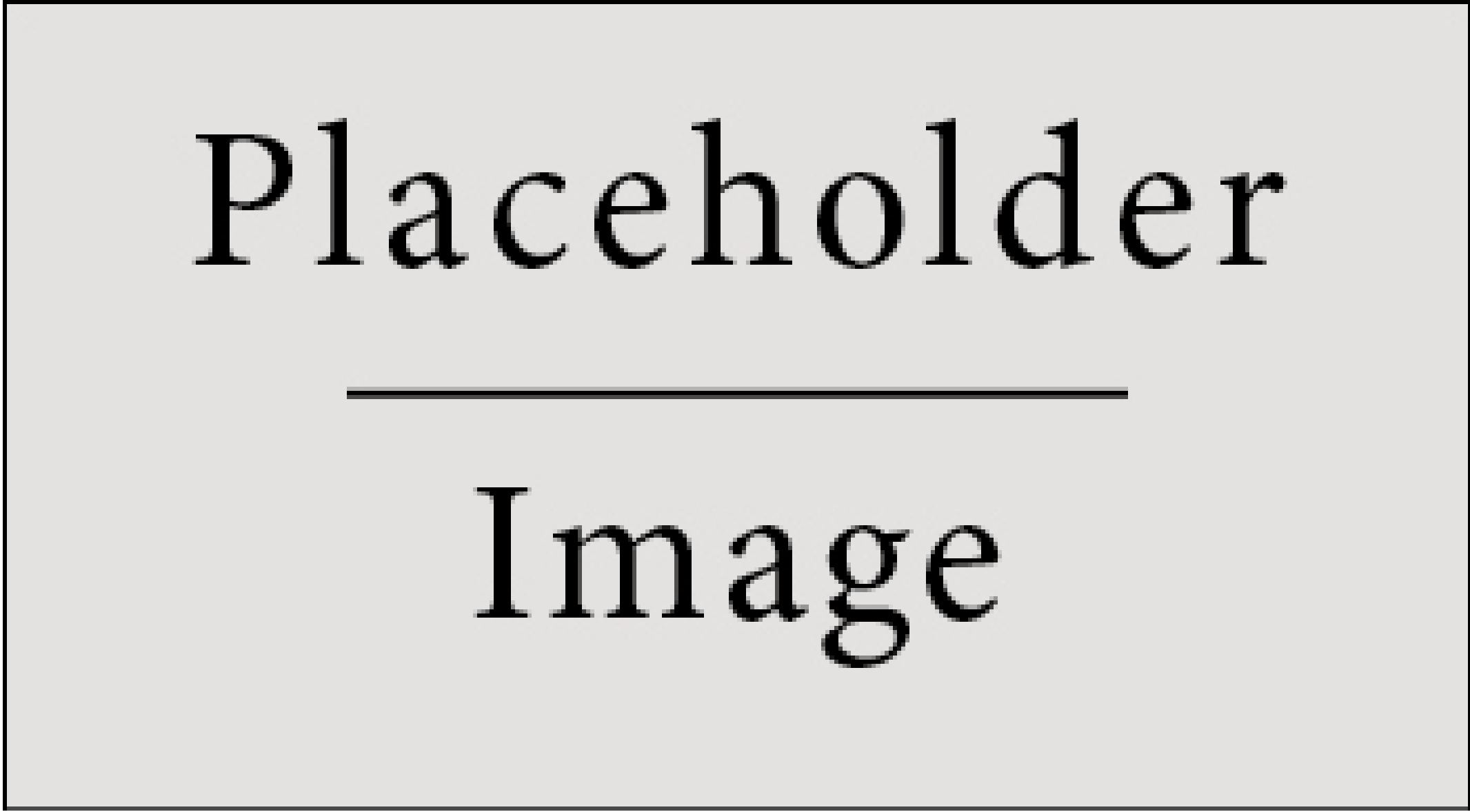


Figure 1: Figure caption

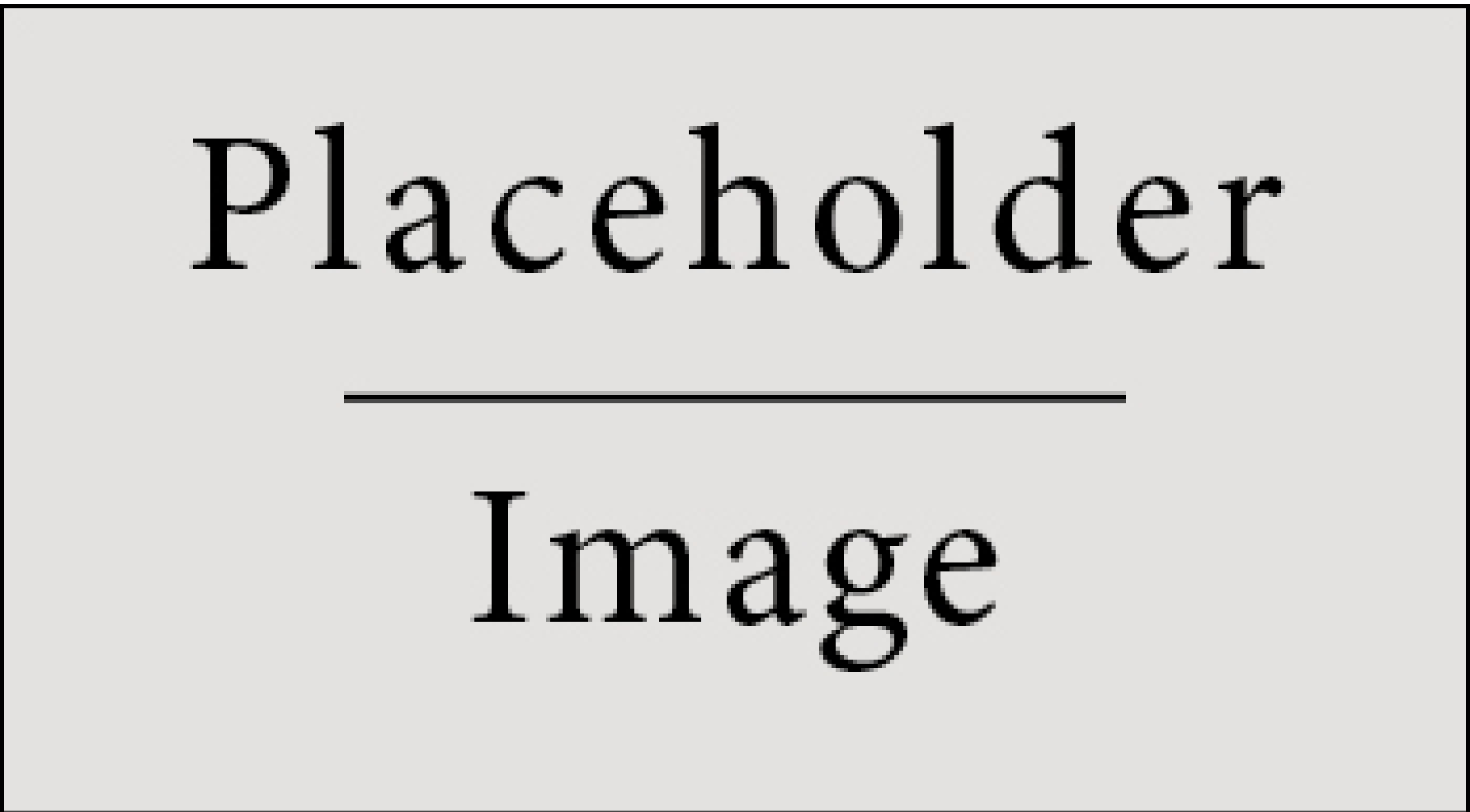


Figure 2: Figure caption

## Conclusions

According to my data, Asian and Pacific Islander are the healthiest people in NYC. Overall far more people (mostly women), the vast majority of whom are White Non-Hispanic (more than twice of the numbers for the other Ethnicities), had died from DISEASES OF HEART, MALIGNANT NEOPLASMS and Other Causes during that period of time in NYC.

In fact, according to the CDC, there are more people in NYC dying from DISEASES OF HEART than the rest of the US states combined. Leading a healthy lifestyle (avoiding tobacco use, being physically active, and eating well) greatly reduces a persons risk for developing chronic disease. Access to high-quality and affordable prevention measures (including screening and appropriate follow-up) are essential steps in saving lives, reducing disability and lowering costs for medical care (Source: <http://www.cdc.gov/>)