**Summary Report**

**Objective:** The goal of this simulation was to explore how changes in socio-economic factors, like an increase in GDP and a decrease in mortality rates, might influence life expectancy. By simulating these changes, we can get a better understanding of how they might affect the health and well-being of a population.

**Key Factors Analyzed:**

1. **GDP Increase:** The simulation looked at how a rise in a country's GDP (the total value of goods and services produced) could help people live longer.
2. **Decrease in Mortality:** It also examined how reducing the number of deaths would impact how long people are expected to live.

**Simulation Results:**

* **Life Expectancy with Increased GDP:** The simulation found that as GDP grows, life expectancy tends to go up as well. This suggests that a wealthier economy can lead to longer lives.
* **Impact of Decreased Mortality:** Reducing mortality rates also leads to an increase in life expectancy. Fewer deaths mean that people, on average, live longer.

**Conclusion:** The simulation shows that improvements in the economy (like a higher GDP) and better health outcomes (like lower mortality rates) are linked to longer life expectancy.