**Summary Report**

**Objective:**  
The purpose of this simulation was to evaluate the influence of socio-economic factors, such as GDP growth and declining mortality rates, on life expectancy. By simulating these shifts, the potential effects on public health and societal well-being were observed.

**Key Variables Assessed:**

1. **GDP Growth:** The simulation explored how an increase in GDP might extend life expectancy.
2. **Mortality Reduction:** It also investigated the impact of lower mortality rates on the overall lifespan of the population.

**Simulation Outcomes:**

* **Life Expectancy with GDP Growth:** The model revealed that as GDP rises, there is a noticeable improvement in life expectancy.
* **Effects of Reduced Mortality:** A decrease in mortality rates significantly boosts life expectancy, as fewer deaths contribute to longer lifespans.

**Conclusion:**  
The simulation highlights a clear positive link between socio-economic progress, specifically GDP growth and reduced mortality rates, and increased life expectancy.