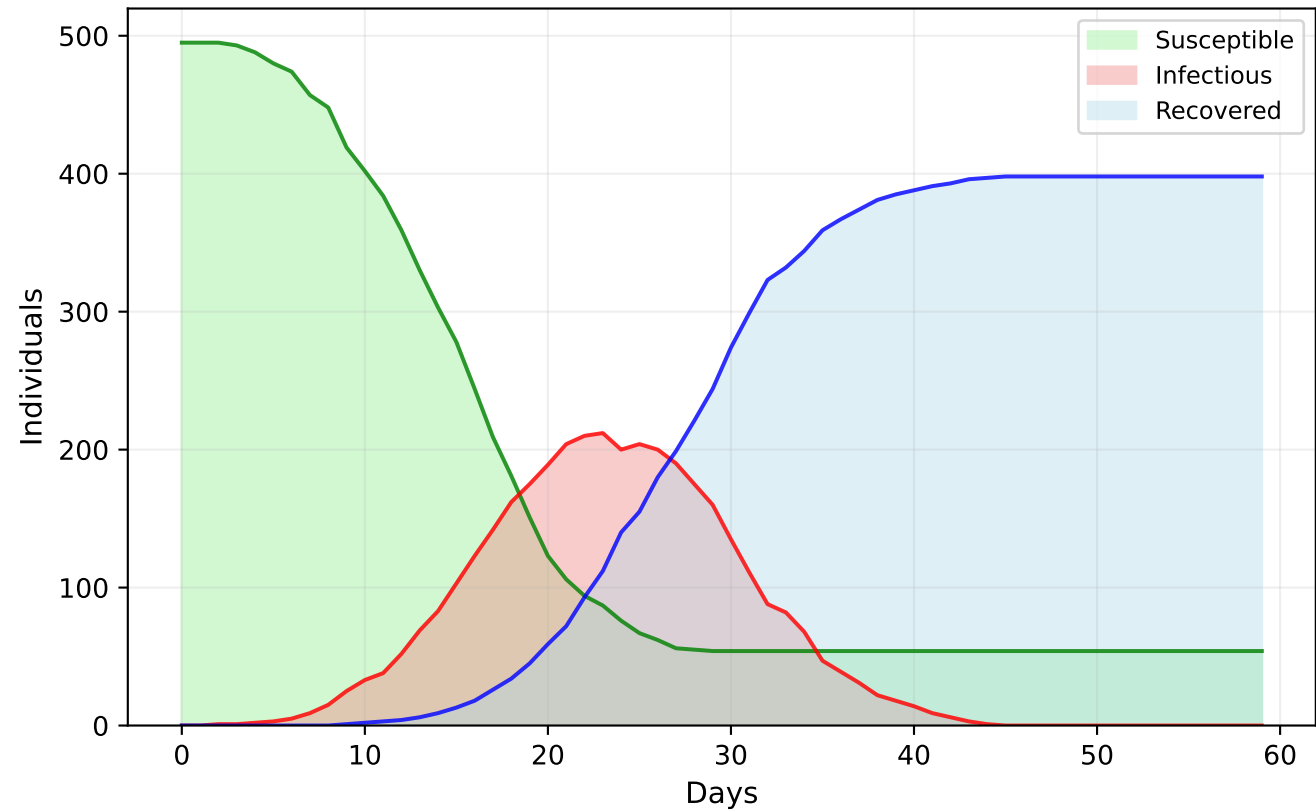
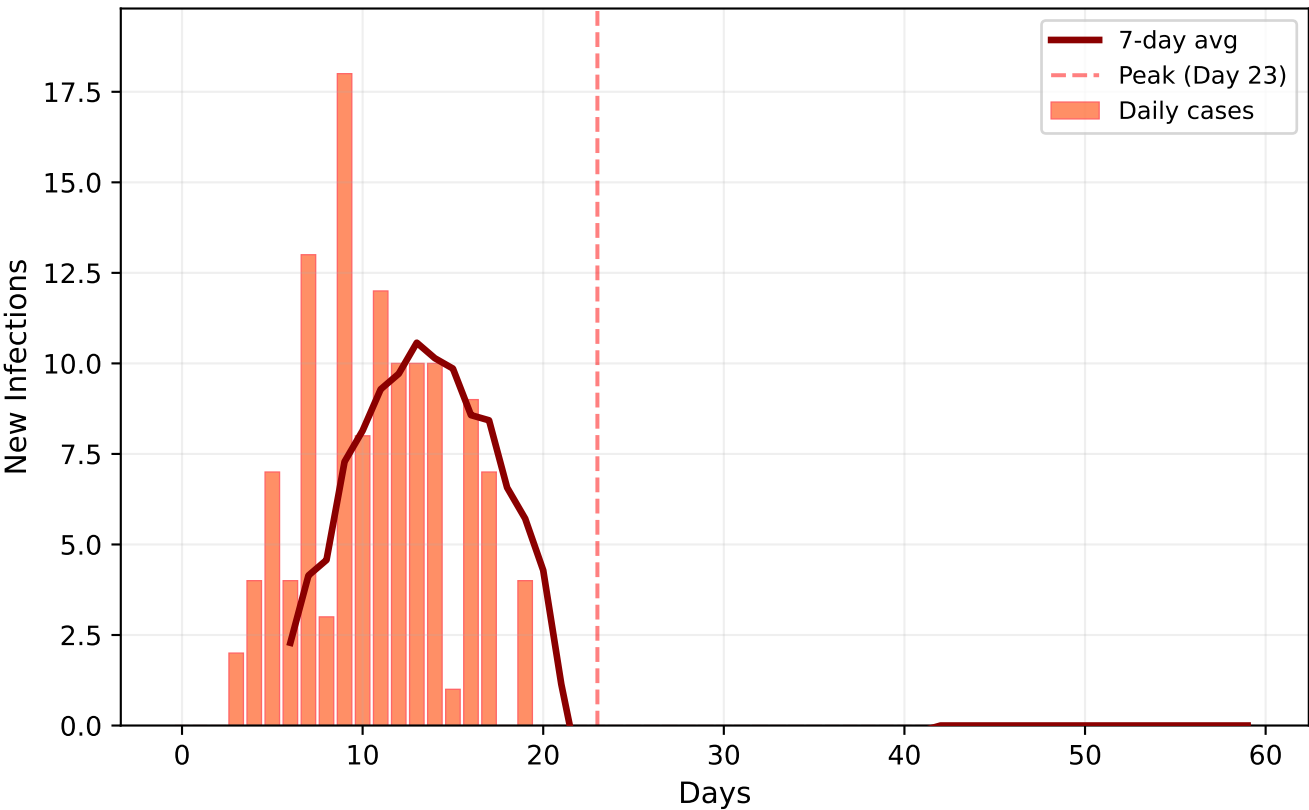


# Pandemic Simulation Results

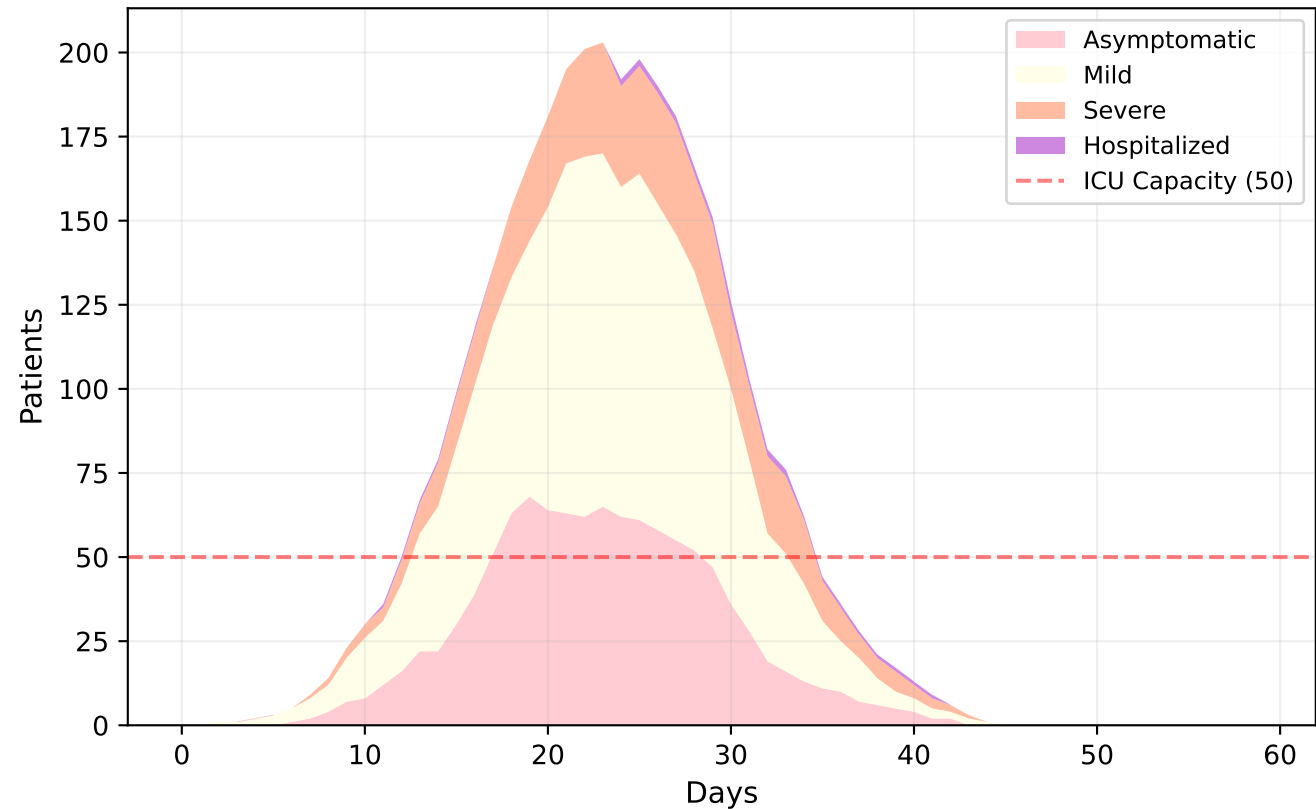
## Disease Dynamics Over Time



## Epidemic Curve



## Healthcare System Burden



## SIMULATION SUMMARY

- 500 Population | 60 Days
- Attack Rate: 89.2%
- Peak Infections: 212 (Day 23)
- Total Deaths: 48
- Case Fatality Rate: 10.76%
- Total Vaccinated: 0
- Final R-effective: 0.11
- Total Hospitalized: 0
- Final Susceptible: 54
- Total Recovered: 398