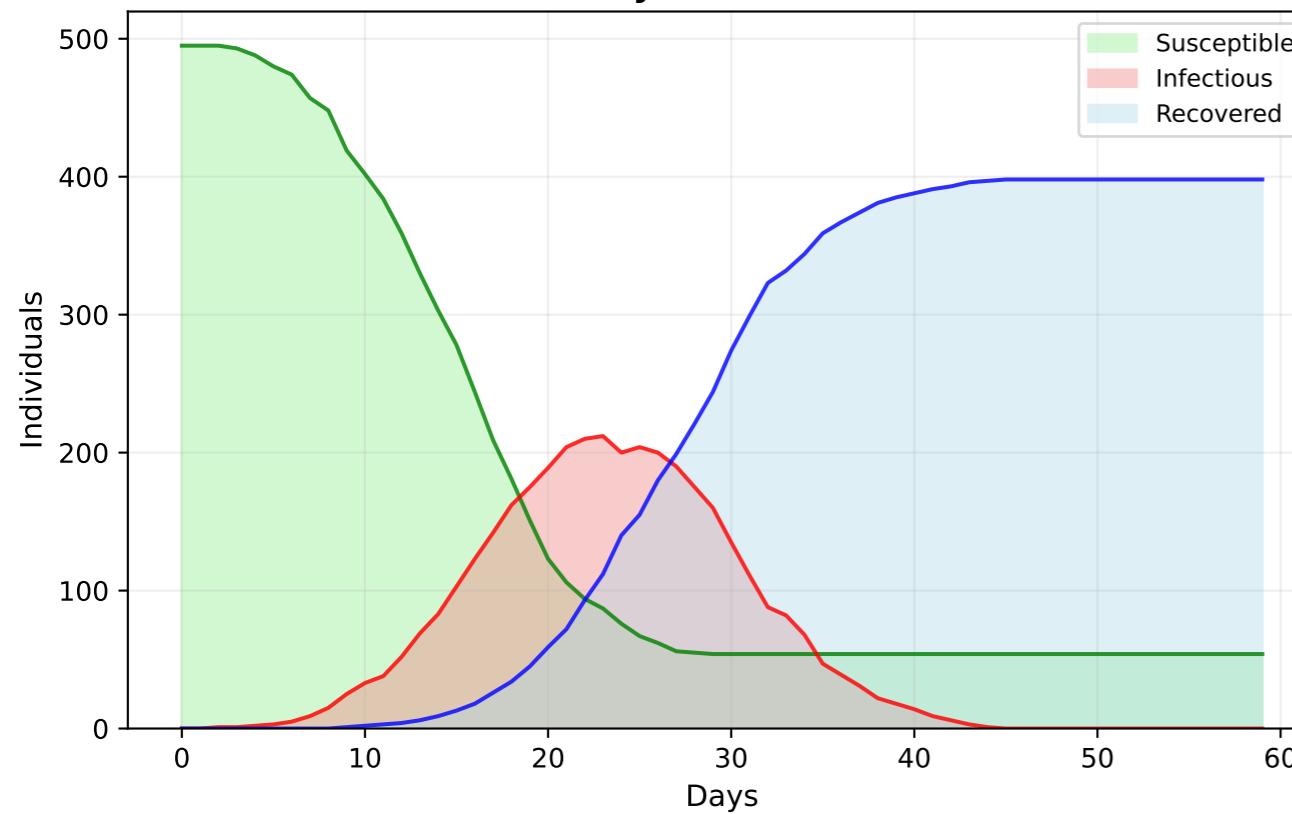
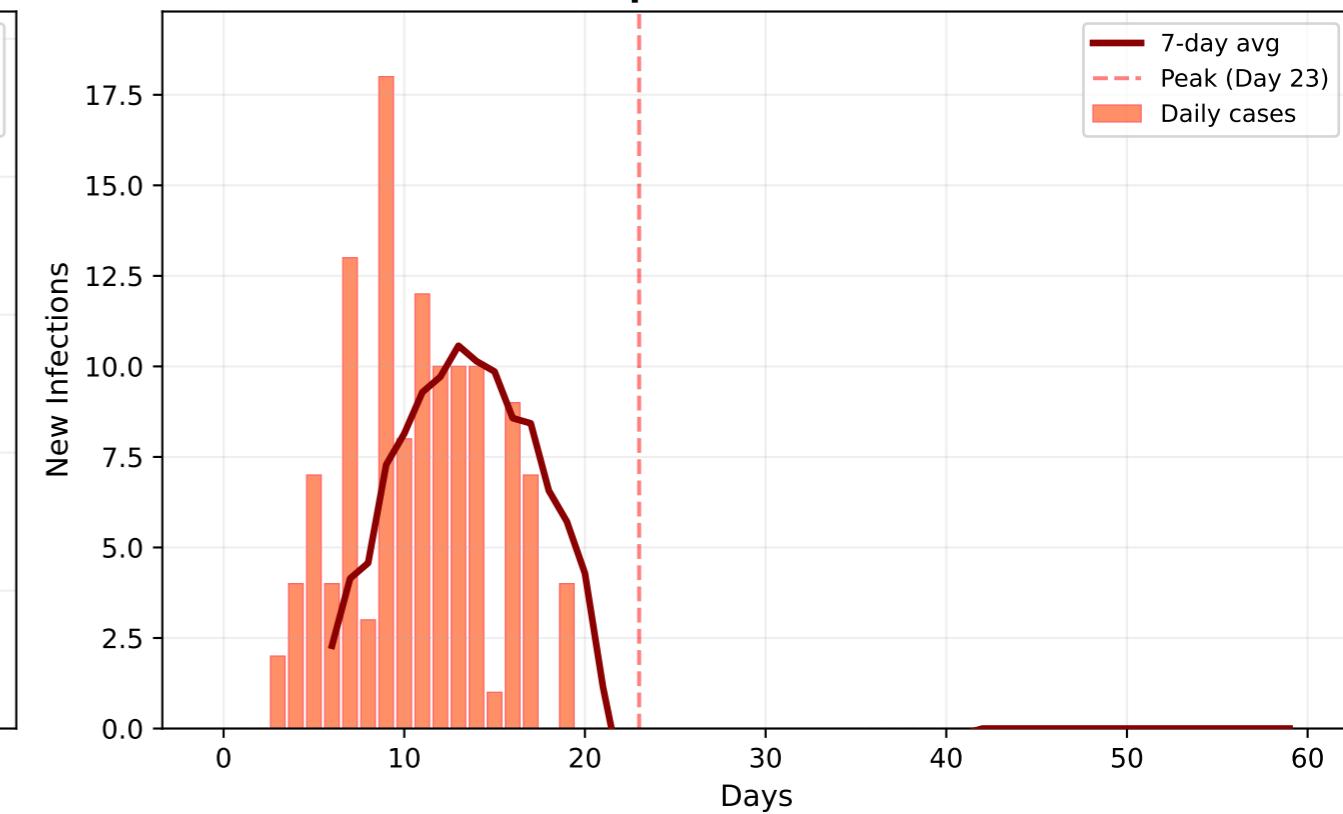


Pandemic Simulation Results

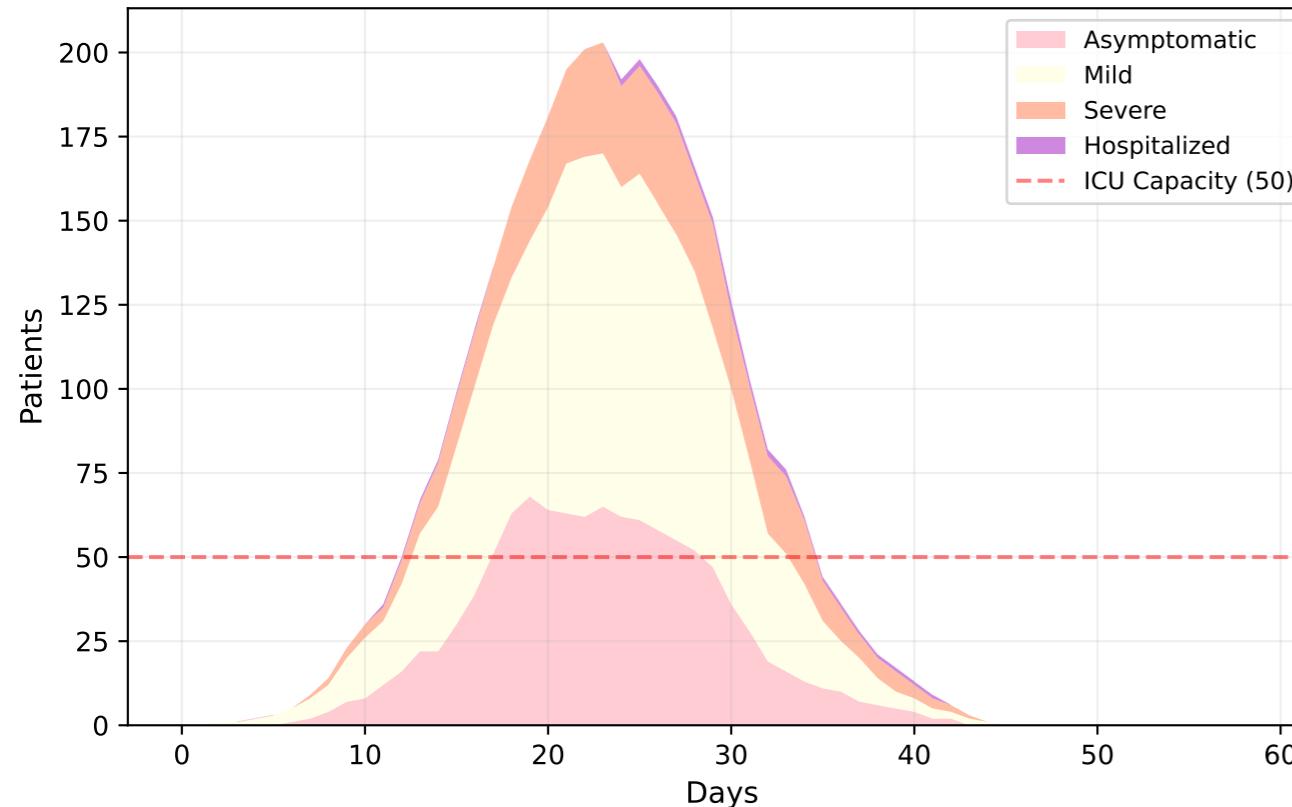
Disease Dynamics Over Time



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