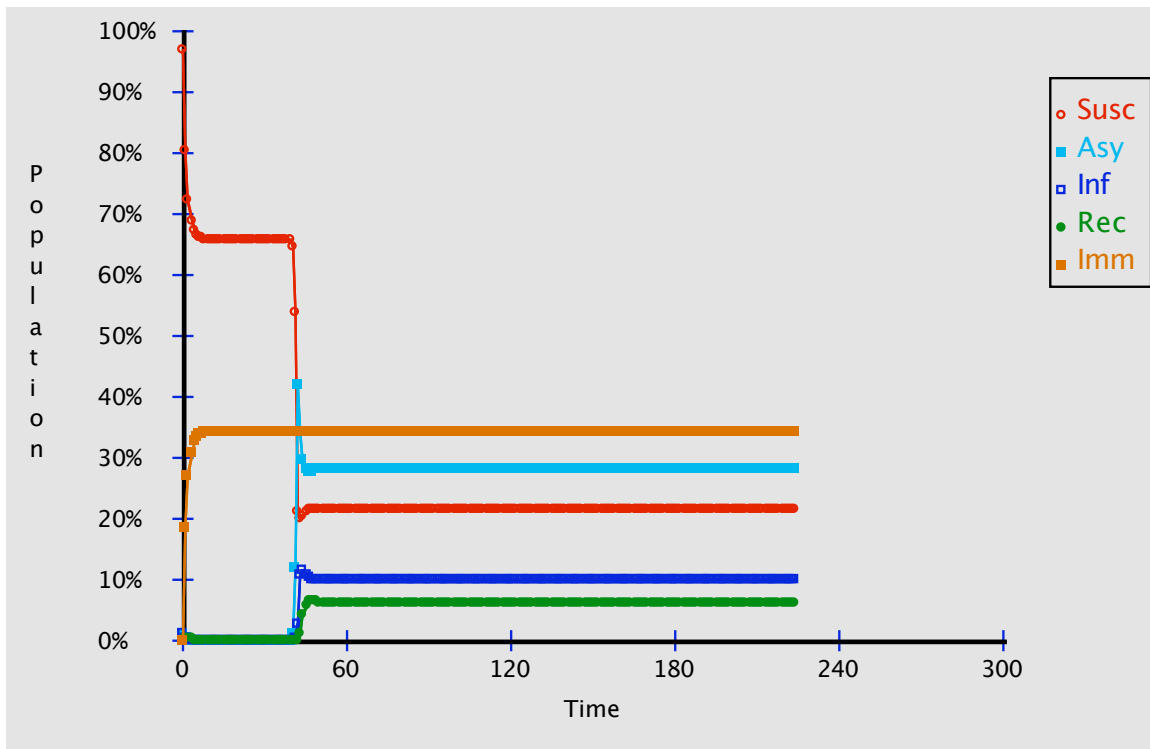


Meningococcal Disease



My goal for this simulation was to increase population and also decrease the number of deaths that occurred from the Meningococcal disease. In order to do this one of the important factors was that the population could be immunized at an early age in order to prevent people from contracting the disease. Being able to immunize people reduces the number of people who are susceptible to getting the disease. I found that the most important people to worry about were those who could spread the disease but had no symptoms and therefore may not have known they had it and those who were susceptible to contracting the disease from an asymptomatic carrier (ASY). Those who were susceptible to the disease were most likely affected by those who were asymptomatic. However, being able to immunize the population and decrease the number of susceptibles allowed me to limit the number of asymptomatic cases and consequently increase population and end the epidemic.