* In order to properly estimate the arrival rate, it was set to be variable as a result of queue size.
* As seen on the graph, the average arrival rate was taken after a warm up of 3000 days.

The arrival rate is 32.5 on average. Meaning it would take (138,233/32.5) approximately 4253 days or 11.7 years to serve the current population available for cancer screening, under default serving schedule/capacity.