220. Total losses for a group of insured motorcyclists are simulated using the aggregate loss model and the inversion method.

The number of claims has a Poisson distribution with $\lambda = 4$. The amount of each claim has an exponential distribution with mean 1000.

The number of claims is simulated using $u = 0.13$. The claim amounts are simulated using $u_1 = 0.05$, $u_2 = 0.95$ and $u_3 = 0.10$ in that order, as needed.

Determine the total losses.

(A) 0

(B) 51

(C) 2996

(D) 3047

(E) 3152