

127. Automobile losses reported to an insurance company are independent and uniformly distributed between 0 and 20,000. The company covers each such loss subject to a deductible of 5,000.

Calculate the probability that the total payout on 200 reported losses is between 1,000,000 and 1,200,000.

- (A) 0.0803
- (B) 0.1051
- (C) 0.1799
- (D) 0.8201
- (E) 0.8575