

ABSTRACT

Apotek PT XYZ is a pharmaceutical company spread all over Indonesia and has a branch in Bandung. Problems that occur at PT XYZ Pharmacy that is the number of goods in PT XYZ Pharmacy storehouse but not offset by customer demand that caused the situation overstock. Booking goods on PT XYZ Pharmacy is done every time interval of 1 week, but Because do not have standard count, often excess stock on hard drugs, over-the-counter drugs and limited free drugs.

This study was conducted on hard drugs, over-the-counter drugs, and limited free drugs that had a total SKU of 742 sku. The object studied has two distributions: normal distribution and poisson distribution. In addition to problems in the warehouse, the company also experienced problems in the procurement of goods in the gondola that often experience the lost sales conditions.

The result of the calculation of total cost of inventory using the policy periodic review (R, s, S) resulted in savings of Rp 3,698,387.85 or lower about 8% of the existing conditions and the policy periodic review (R, S) generated Rp 16.2248.703.53 or lower by 20% existing conditions.

Key Words: Periodic Review, Overstock, Lost Sales