ABSTRACT

This research was aimed to find out the prevalence of canine geriatric and difference disease prevalence of canine geriatric based on age, breed, and sex at several animal health service during 2011 to 2014. The research was using survey method and the secondary data retrieval with these variables canine age, breed, sex, and the disease, during the period. The data were evaluated using the classification tree analysis and descriptive with SPSS version 22.0 for Windows program. 6961 canine was found at several animal health service over the study period. The results showed that the prevalence of canine geriatric at several animal health service in Surabaya was 21.4 percent. Based on sex between male and bitch geriatric were showed in disease of genito-reproductive, urinary, and respiratory. Based on breed male and bitch geriatric has also disease variations, in small and large breed male canine geriatric appear highest in the urinary disease, whereas prevalence in genito-reproductive geriatric bitch were highest. Giant breed geriatric bitch was highest in genito-reproductive disease whereas geriatric male canine were not found, but in the urinary disease geriatric male canine is higher than geriatric bitch. Medium breed the geriatric male canine was higher prevalence of skin disease and other disease than geriatric bitch, whereas the geriatric bitch were higher prevalence of genito-reproductive disease and neoplasia disease than the geriatric male canine.

Keywords: canine geriatric, disease prevalence, animal health service.