This study has been carried out on Baghdad boil (cutaneous leishmaniasis) in Kerbala province during the period from March 2006 to January 2007. A total of 415 person samples were examined ranging from one year old to more than 50 year old. The overall percentage of infection was 20.4%. The study showed the highest incidence of infection was in head and neck (29.0%) while lowest was in trunk (9.0%). Significant differences were noticed between the overall percentage incidence of infection, site of infection in the body, number of ulcers, size of ulcers, seasonal distribution and living area of the people.