The author reported the result surveillance on infectious diseases and three chronic diseases — TB heart and vessels diseases excluding hypertension and malignant tumours in Liuyang Hunan, since 1976, the epidemic infectious diseases has been decreasing steadily. It was owing to the practice of EPI. The check of epidemic information showed that some local area had failed to report annually and 26.61% data had been unreported. It pointed out that only relying on the materials of epidemic report, it is very difficult to know the epidemic situation completely. Through 80,000 population investigated in Shengan Liuyang, the incidence of three chronic diseases is 601.68/100,000. The morbidity of heart diseases was higher than malignant tumours. But the highest one was TB. Population mortality was the highest in 1980. Since 1976, it is steady at about 7%. The first cause of death was the heart diseases in 1981. The infectious diseases was a death cause at the fifth place. It stepped down in 1973-75 to the seventh. The average expectant life is thought to be 69.40 years of male, 72.04 years of female in the age group of 0-1 year.