This work focuses on estimating the incidence of hospital infections of the urinary tract and catheter infections of the bloodstream at the intensive care units of the university hospital. The patients at the intensive care units are at high risk for contracting an infection. Apart from that, the development of hospital infections increases the cost of the treatment. By comparing reports and the actual incidence of infections, I discovered that in most cases the urinary tract infections are not reported. After analyzing the results I proposed measures that should lead to better reporting of the urinary tract infections.