

The aim of the bachelor thesis is to estimate the incidence of fractures in women from 0 to 20 years in the Czech Republic.

In the introductory chapter we will introduce the concept of incidence and show the statistical data that we will continue to work with.

In the second and third chapters we define statistical models for estimating the incidence and also the unit estimation by which we estimate the incidence, we will examine its properties.

In the fourth chapter, we will show the real data to estimate the incidence of fractures in women for each age category.