The aim of this study is to compare the level of physical abilities of boys of older school age involved in handball and the general population, using the test battery of the Czech Handball Association 2020.

A total of 53 test subjects, divided into two groups (general population and handball players) filled in a questionnaire that was created for the purpose of the study and were subsequently tested with a battery of tests, consisting of agility T-test, dribbling after the "figure eight", shooting speed, long jump from the spot and Beep test.

The results showed that the handball group performed better in all the tested disciplines, except for the agility T-test.

The aim of the thesis was achieved as well as answering each of the research questions, and an interesting recommendation is the possibility of using the test battery to select new players for a team.