

Abstract

Name: An overview of the performance of men and women in the discipline of the 100 m freestyle at the Olympics from 1924 to 2016.

Aim: The first aim of the diploma thesis is to create a historical overview of the course of swimming competitions at the modern Olympics from 1924 to 2016. The second aim is to process personal profiles of male and female swimmers at the first places in the discipline of the 100 m freestyle from 1924 to 2016. And the third aim is to compile a performance overview of all male and female finalists in the discipline of the 100 m freestyle after two always following Olympics from 1924 to 2016.

Methods: The historical method was used in the search for sources of historical data in the development of swimming and the processing of individual Olympic Games. It consisted of analyzing historical facts, examining sources and creating an overview of developments. Based on the search and processing of individual performances, graphs were prepared and then the results were compared.

Outcome: From the analysis of performance, we found that in the period from 1924 to 2016, men improved by 19%, which represents 11.42 s, and women by 27%, which is 19.70 s. The results of the research show that the development of men's performance slowed down while women's performance is still improving.

Keywords: olympic games, swimming disciplines, 100 freestyle, performance