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## Centile charts of motor development in girls aged between 7.5–19.5 from the Kujawsko-Pomorskie district

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## **Abstract**

The aim of the research was to present motor development with the help of centile charts, where the centile curves determine particular parts of the population: 3, 10, 25, 50, 75, 90 and 97 percentile. The research was conducted in the spring of 2001. A survey of 11 803 girls aged between 7.5 and 19.5 years old, from various types of rural and urban schools of the Kujawsko-Pomorskie district, was conducted. Centile charts make it possible to observe the process of the development of the examined characteristic, to answer the question as to whether an individual is at the level which is characteristic of a certain age, and, in case of aberrations, to come to a conclusion that the process of growth is disturbed. While determining the centile position one can become familiar with the level of development of an individual against calendar individuals of the same age. The value of C50 determines the calendar age of an individual. The results of the empiric research shows that the curve of the individual development of a child "wanders" within some channels, which is quite normal and does not mean a distortion of development.

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