



Physical development of children up to 3 years in the Republic of Sakha (Yakutia)

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Introduction. State of physical and sexual development of children is one of the characteristics of the components of health. Monitor the dynamic changes of anthropometric indicators of the growing organism is necessary to identify the individual characteristics of its development. Level of physical development of children is largely dependent on the environmental, social and ethnic factors in the population studied. In the Republic of Sakha (Yakutia), the problem of growth and development highlighted. But regional standards should be updated every 5-10 years. In this connection we carried out this work to justify the need for a modern regional standards for children under 3 years.

Purpose of the study. Assess the physical development of children under 3 years of various ethnic groups living in the Republic of Sakha (Yakutia).

Materials and methods. To study the physical development of children under 3 years of living in the republic of Sakha (Yakutia), the data of anthropometric indicators. Total 11 675 children studied.

Results and discussion. Growth in boys Sakha from 0 to 6 months higher than children of Russian and native. In this age group differences in the growth of irrelevant. Birth weight of native boys is higher than that of Sakha and Russian. On 2 month weight boys Sakha grows to 6 months more than the Russian and native boys.

From 7 to 12 months, the growth of Russian boys above the Sakha and native.

Weight of boys between 7 and 12 months, has the distinction of. So that the weight of boys of Sakha is higher than that of Russian and native boys. In the age group of 1 to 3 years the growth of Russian boys is higher than that of sakha and native. Body weight in this age group is

significantly higher in boys Sakha.

At birth and growth of indigenous girls Sakha no significant differences. Birth weight in girls of different ethnic groups did not differ. To 6 months weight native girls is higher than the Russian and Sakha. In the age group from 7 to 12 months the weight of russian girls is higher than Sakha and native girls. Weight of native girls above.

From 1 to 3 years, the highest increase is seen in russian girls. The lowest growth among native girls. Weight of girls Sakha from 1 to 3 years higher than the russian and native.

Findings. Almost all the groups analyzed above, the growth of russian children. Same body weight of children Sakha and native higher than the Russian. Thus, the results are the basis for the development of regional standards for physical development, taking into account ethnicity.