

Children's body development study

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Introduction

- Last year we have made a statistic study about children's body development regarding the wieght and height. We will discuss about what it means an ideal development and by which factors it can be influenced, based on some research we've made.
- Both growth and development represent a complex biologic process appropriate to everything that is life, characteristic to every race and particular to every individual.

Target group

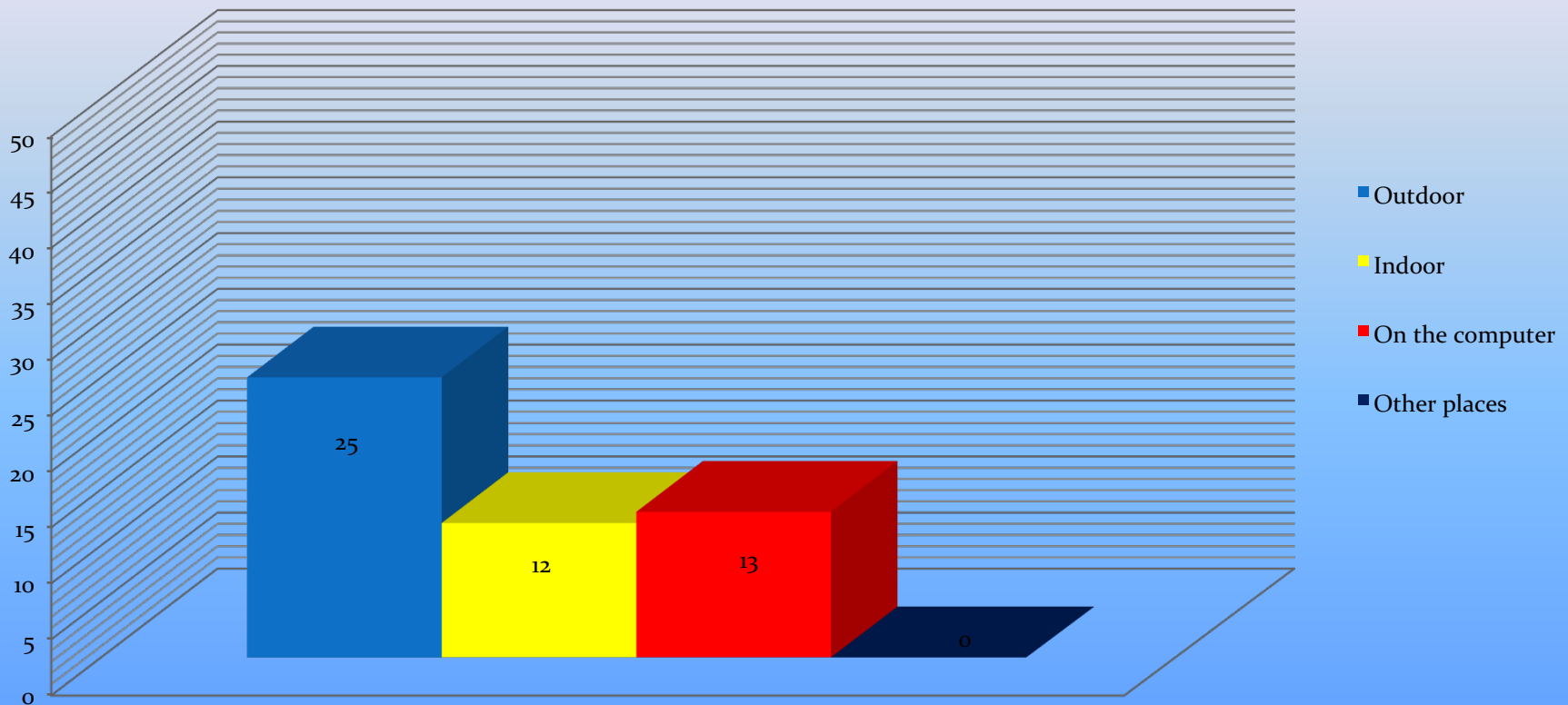
- 100 parents with children younger than 12
- Rural and urban environment.
- Different social statut

Theme

- The development of the body of children with ages between 0-12 years as well as how it is influenced by some specific environmental factors.

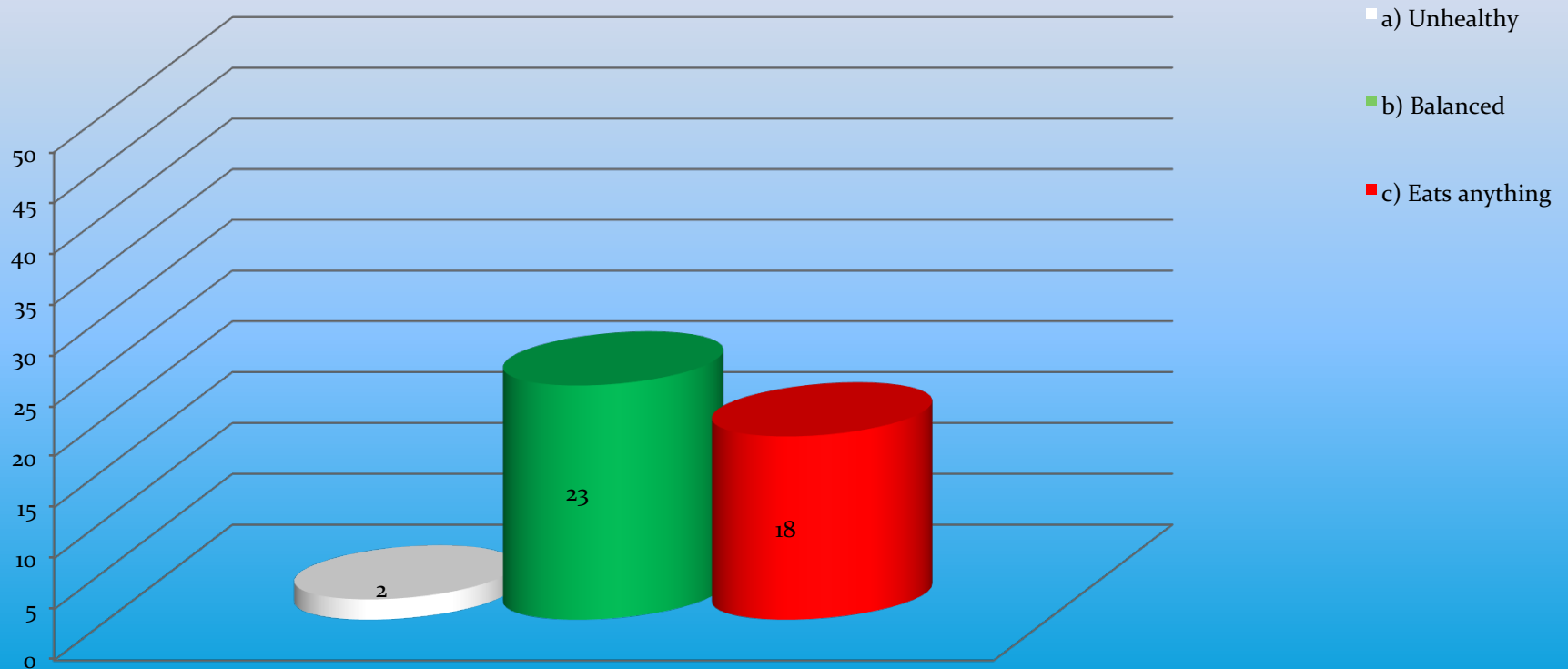
Graphic results

1) Where does your child like to spend his free time?



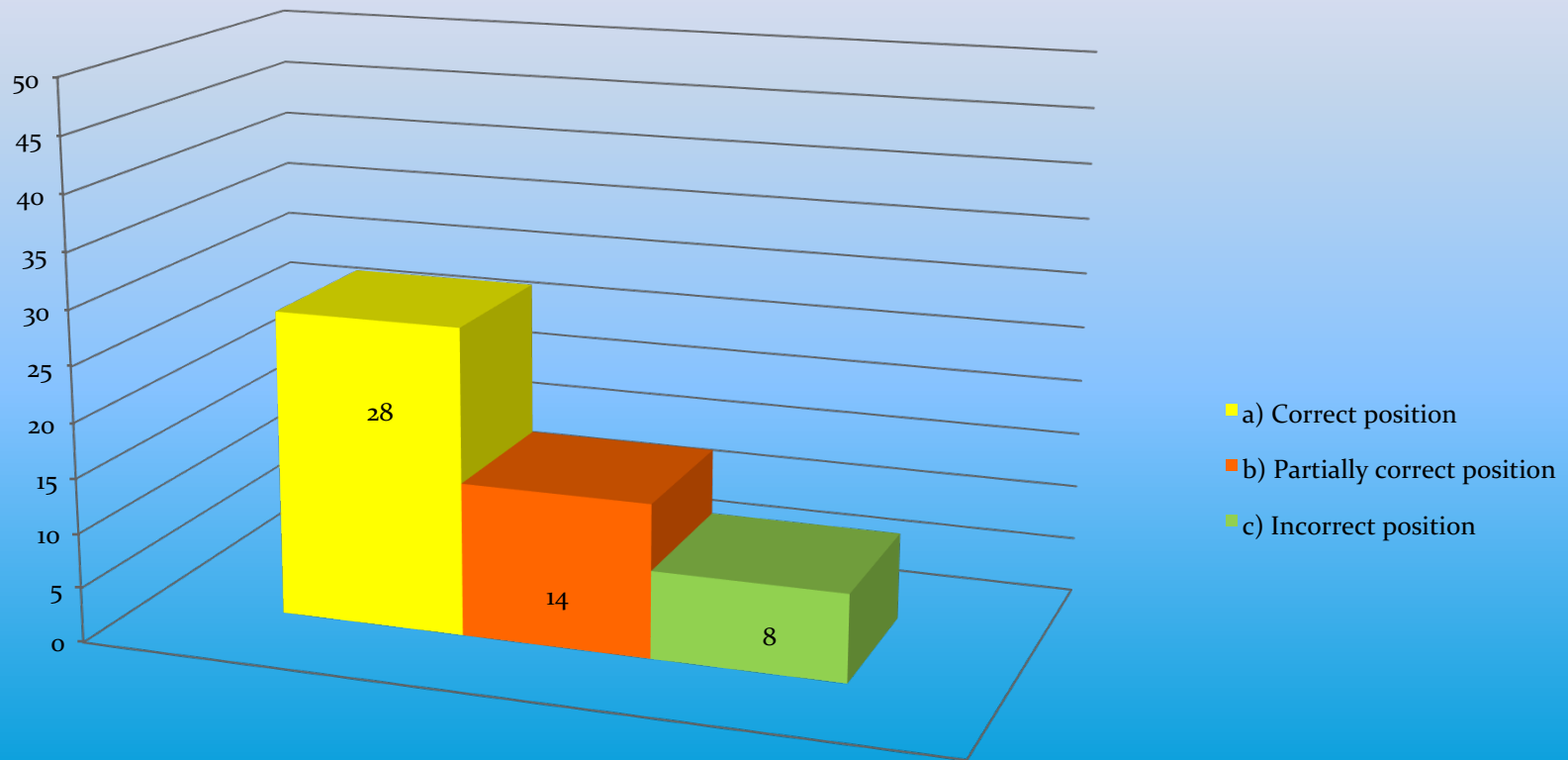
Graphic results

2) How's your kid's alimentation?



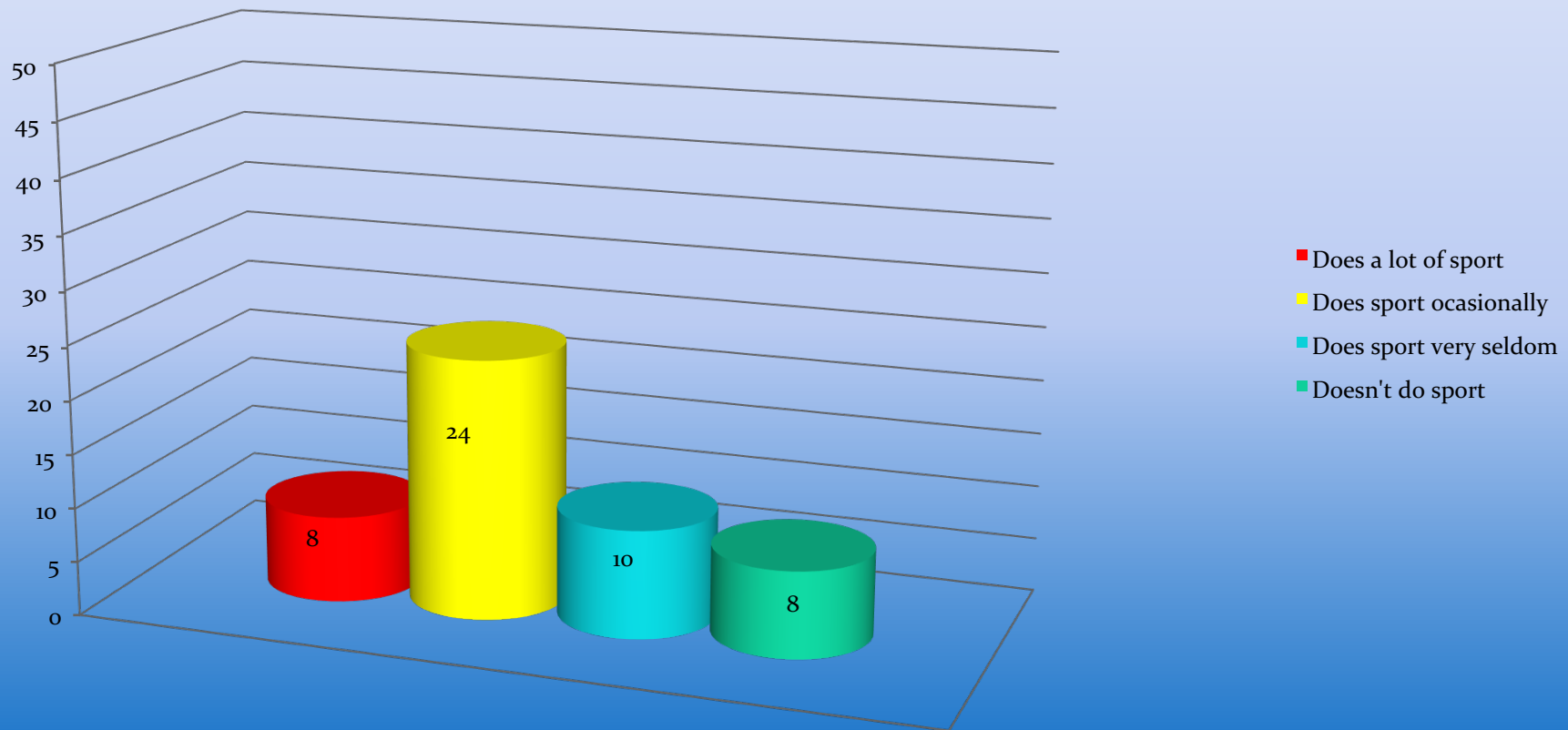
Graphic results

3) How's your children's body position?



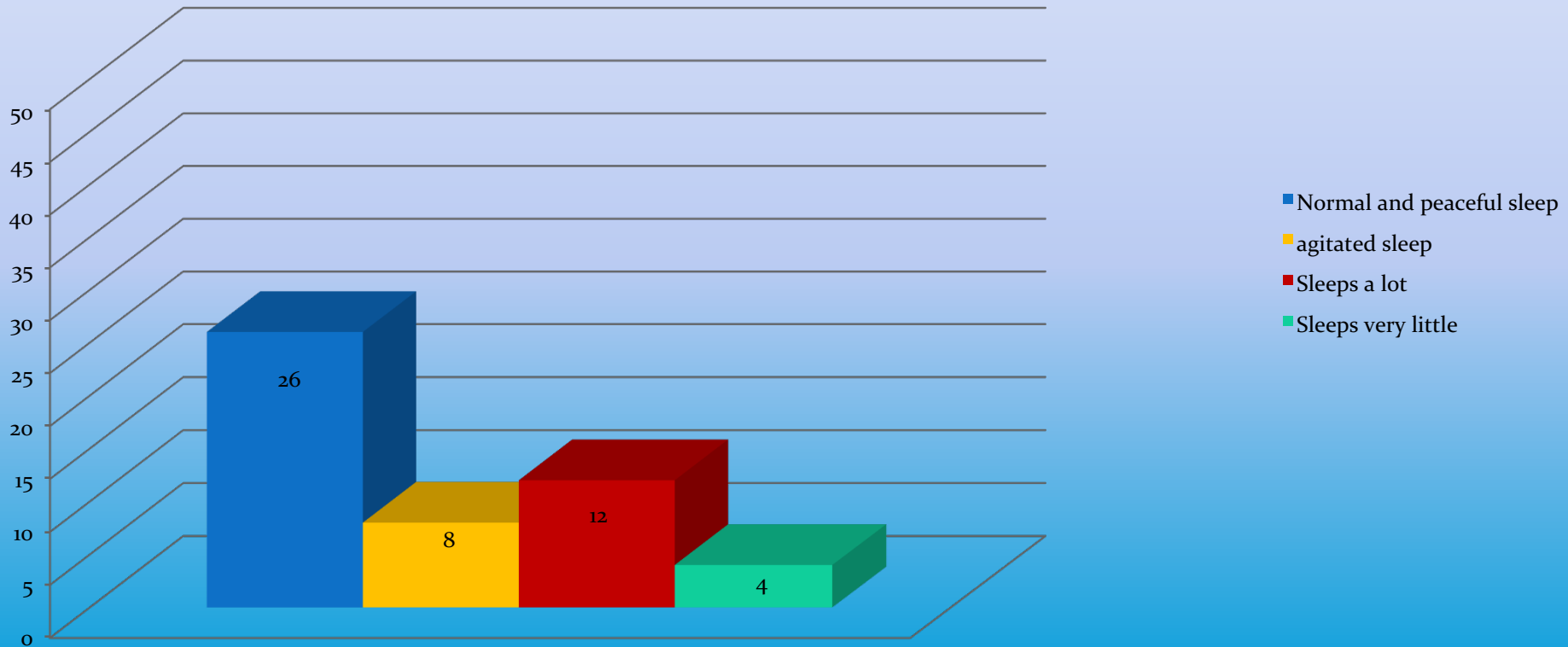
Graphic results

4) What's the relation between your child and sport?



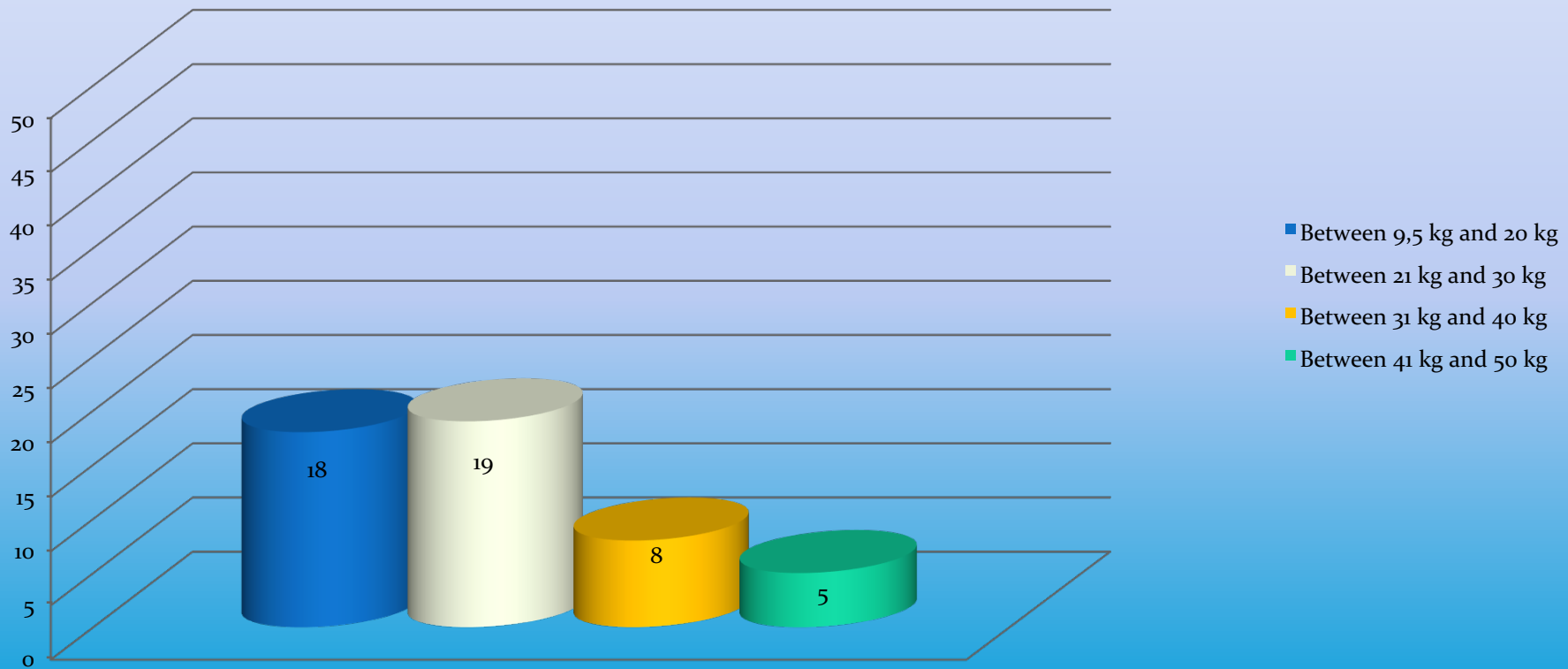
Graphic results

5) How's your child's sleep?



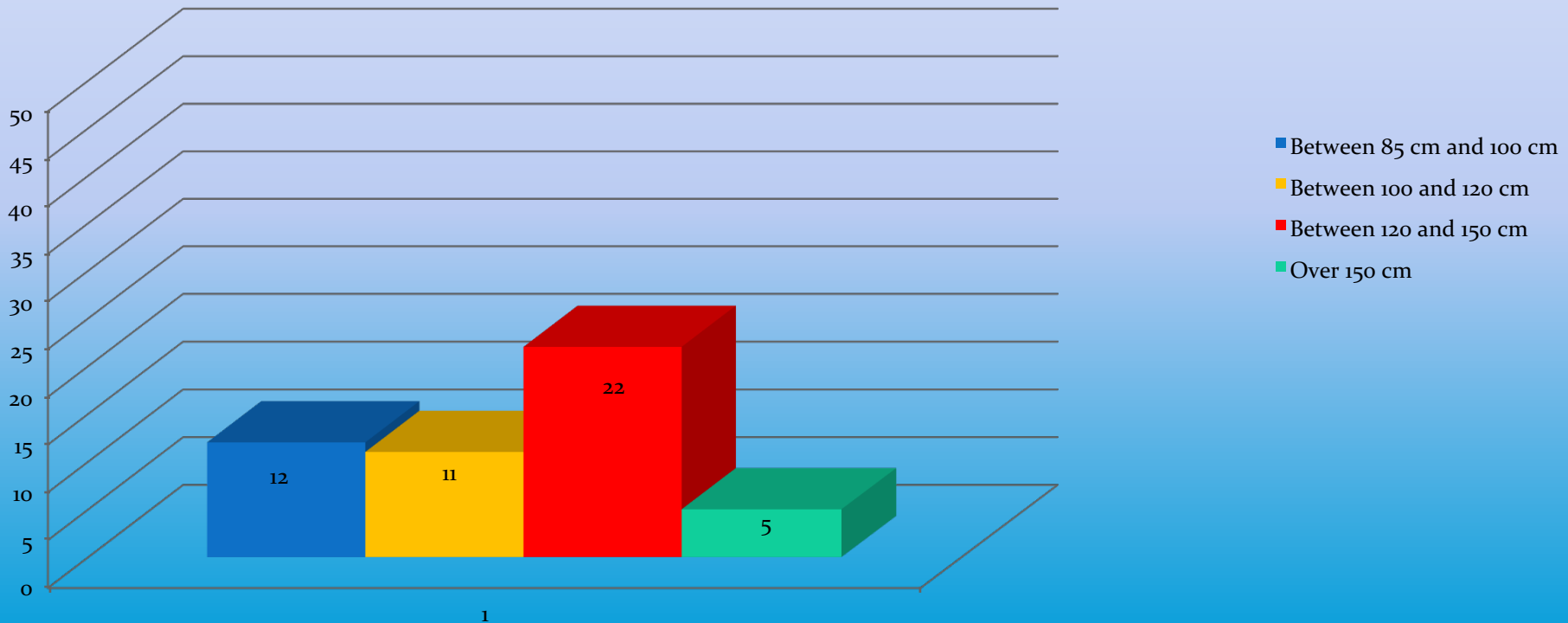
Graphic results

6) Child's weight



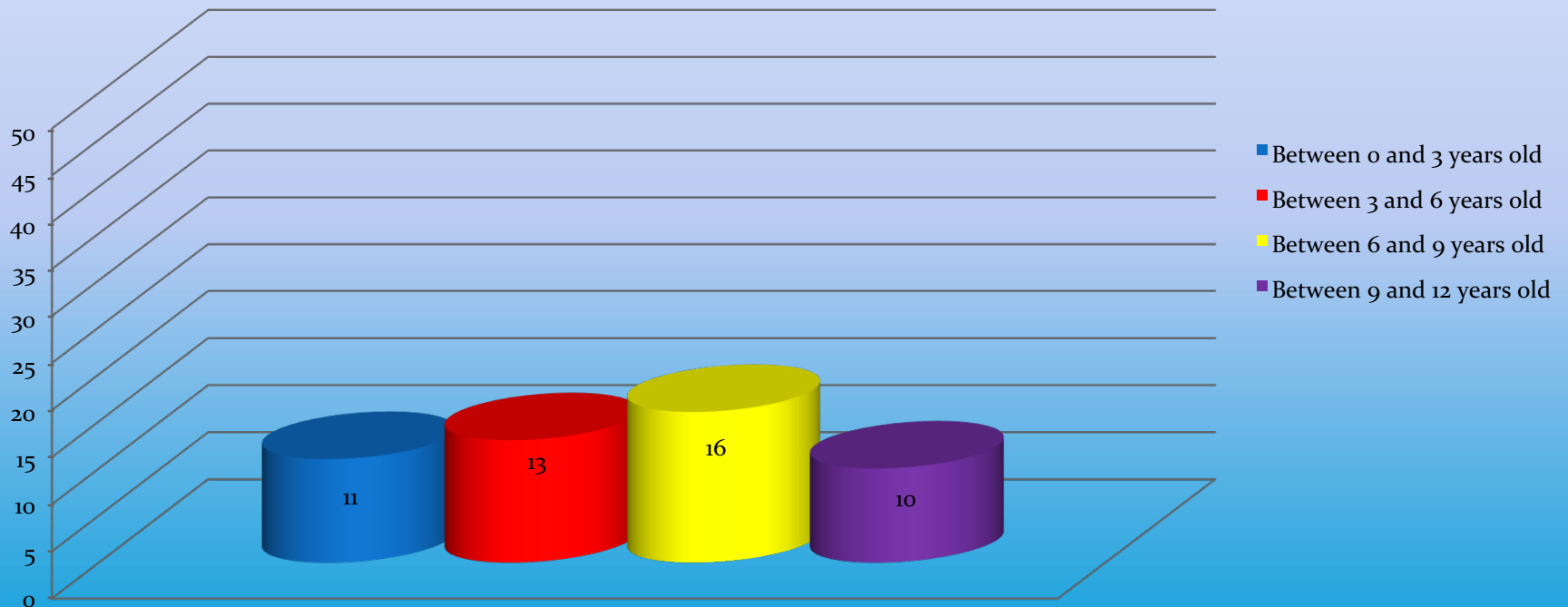
Graphic results

7) Child's height



Graphic results

8) Child's age



Conclusions

- 1) The most of the children spend their time outdoor.
- 2) Mostly, they have a balanced alimentation.
- 3) Most of the children have a correct body position.
- 4) Children who spend their time outdoor, do as well much sport.

Conclusions

- 5) Many children have a normal and peaceful sleep.
- 6) The weight and the height are in the proper limits of age.

From these results, we can estimate a harmonious and healthy development but also we can't overlook the few cases when it was not quite normal.

Height, weight and age

- After some researches we have made, we discovered that there is a correlation between height, weight and age. At birth, the average weight is about 2,4 to 4,2 kg, while the height is about 46 to 54 cm.
At 6 years old the averages are 16,5 to 27,6 kg and 107-123 cm while at 12 years old the averages are 30,1 to 58,9 kg and 137-161 cm.

AGE	Height	Weight
birth	46-54 cm	2,4 – 3,5 kg
6 years old	107-123 cm	16,5 – 27,6 kg
12 years old	137-160 cm	30-55 kg

Statistics

- Birth height
- Actual height
- Birth weight
- Actual weight
- Age

Statistics

Birth height	63 cm	64 cm	65 cm	66 cm	67 cm	68 cm	69 cm
Frequency	6	10	7	6	8	11	2
Relative frequency	12%	20%	14%	12%	16%	22%	4%
Mediate	66 cm						
Module	69 cm						
Dispersion	65,82 cm						

Statistics

Birth weight	2,4 kg	2,5 kg	2,7 kg	2,8 kg	3 kg	3,5 kg	3,7 kg
Frequency	3	4	7	4	27	4	1
Relative frequency	6%	8%	14%	8%	54%	8%	2%
Mediate	2,9 kg						
Module	3,7 kg						
Dispersion	2,92 kg						

