## Children's body development study

National Military College "Ștefan cel Mare"
- Câmpulung Moldovenesc

Student Andrieș Alexandru Student Alexe Robert

### 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.

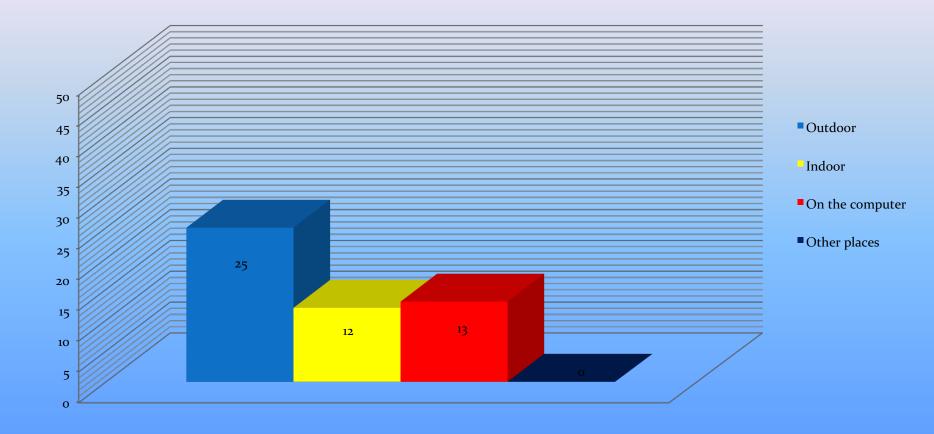
## Target group

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

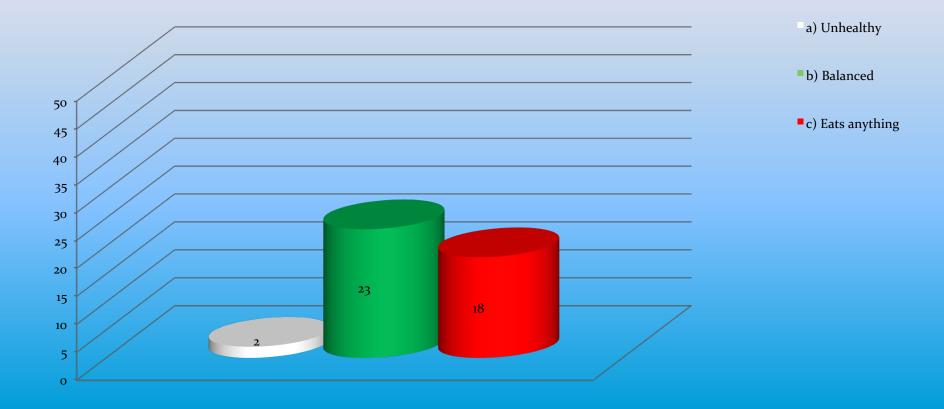
### Theme

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

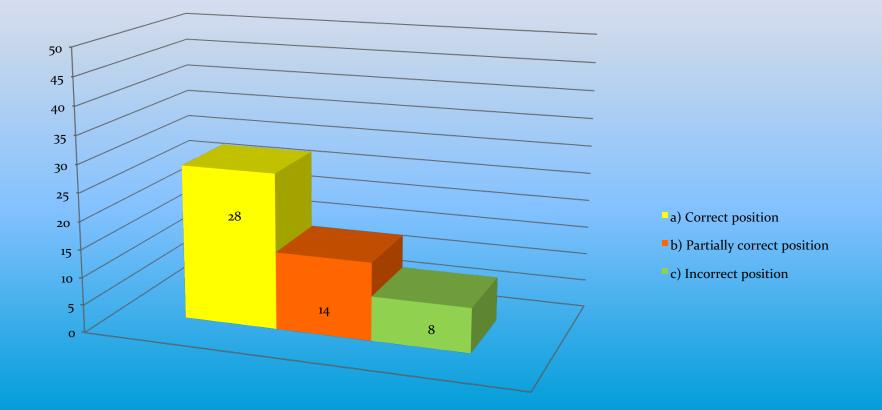
#### 1)Where does your child like to spend his free time?



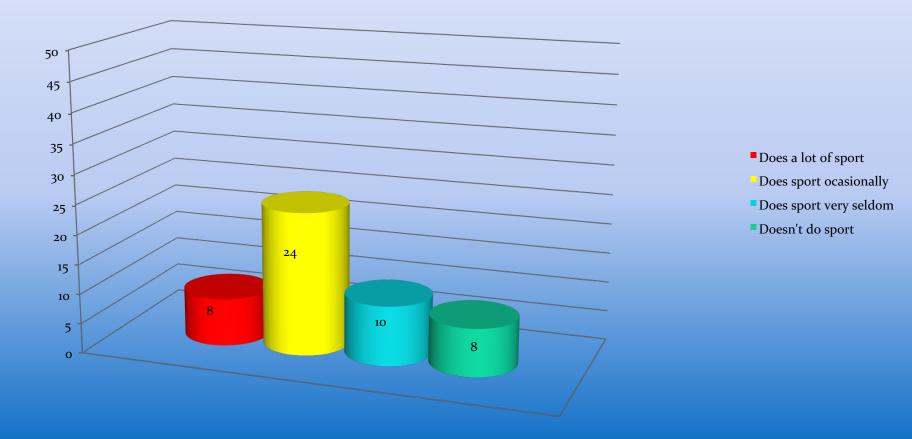
#### 2)How's your kid's alimentation?



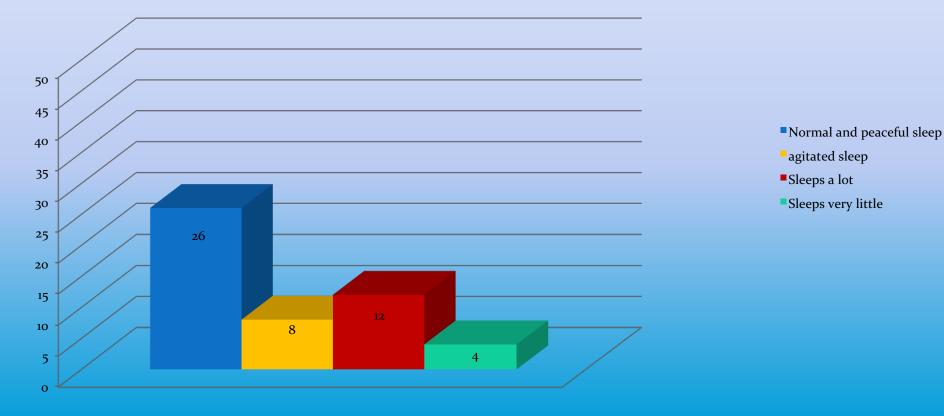
### 3) How's your children's body position?



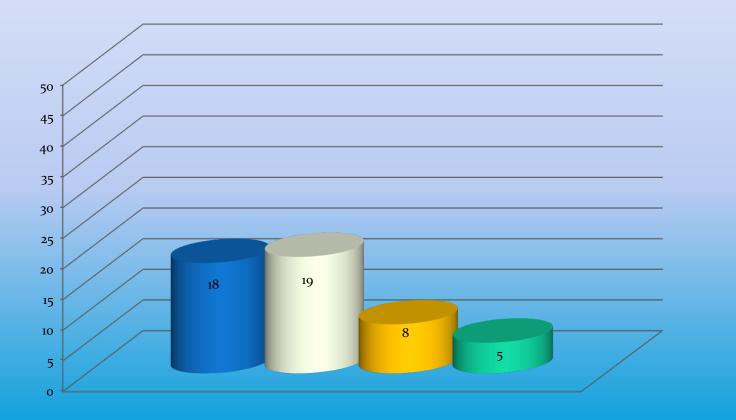
#### 4) What's the relation between your child and sport?



#### 5) How's your child's sleep?

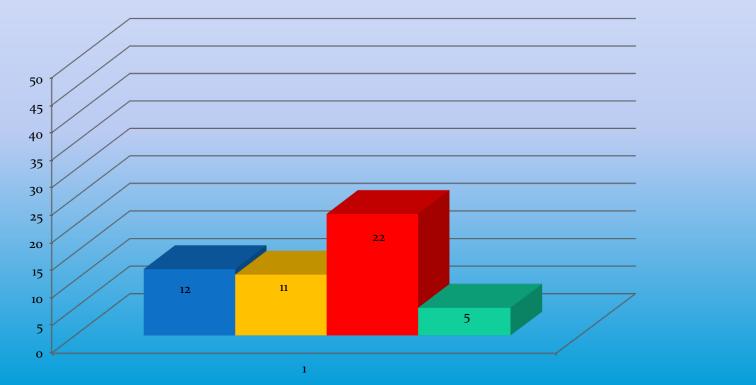


#### 6) Child's weight



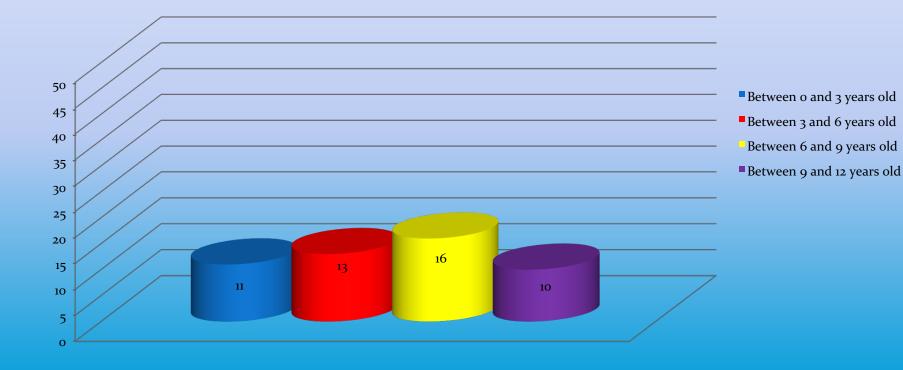
Between 9,5 kg and 20 kg
Between 21 kg and 30 kg
Between 31 kg and 40 kg
Between 41 kg and 50 kg

### 7) Child's height



- Between 85 cm and 100 cm
- Between 100 and 120 cmBetween 120 and 150 cm
- Over 150 cm

### 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.
- 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 corelation 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

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

E	Birth height	63 cm	64 cm	65 cm	66 cm	67 cm	68 cm	69 cm
F	- recquency	6	10	7	6	8	11	2
F	Relative							
Т	requency	12%	20%	14%	12%	16%	22%	4%
ſ	Mediate	66 cm						
ſ	Module	69 cm						
[	Dispersion	65,82 cm						

Actual height	72 cm	88 cm	90 cm	100 cm	106 cm	110 cm	120 cm	130 cm	140 cm	150 cm	160 cm	175 cm
Frequency	1	3	7	2	4	6	12	5	5	2	2	1
Relative												
frequency	2%	6%	14%	4%	8%	12%	24%	10%	10%	4%	4%	2%
Mediate	120 cm											
	175 cm											
	116,7											

Birth weight	t 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						

Actual wiehght	8,5 kg	15 kg	20 kg	25 kg	30 kg	35 kg	40 kg	45 kg	49 kg
Frequency	7	9	8	12	4	4	4	1	1
Reltavie									-
frequency	14%	18%	16%	24%	8%	8%	8%	2%	2%
Mediate	29,7 kg								
Module	49 kg								
Dispersion	23,37 kg								

	years	0,8 years old	1 year old	·	3 years old	years	years	6 years old	years	8 years old	years	10 years old	years	12 years old
, ,0~														
Frequency	1	1	3	4	2	5	5	3	8	4	4	2	3	5
Dolotivo														
Relative frequency	2%	2%	6%	8%	4%	10%	10%	6%	16%	8%	8%	4%	6%	10%
пециенсу		270	070	070	470	1070	1070	070	1070	070	070	470	070	1070
	5,66													
Mediate	years old													
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Module	12 ani													
	6,3													
	years													
Dispersion	old													