

УДК 616-053.2(571.56)

T.E. Burtseva, M.I. Samsonova, L.A. Nikolaeva, G.G. Dranaeva

**THE MORBIDITY RATES OF THE CHILDREN OF REPUBLIC OF SAKHA
YAKUTIA**

Yakut research center KMP SB RAM, Yakutsk

Pediatric center National medical center, Yakutsk,

Health ministry of the Republic of Sakha Government

Abstract.

This article present information about children was treated in Pediatric center of National medical center of the Republic of Sakha Yakutia with 2001 to 2010 and analysis of the levels of morbidity. For this period detected is raise number of children with oncology diseases, endocrinology problems, diseases of nerve system, genitourinary problems. This results of analysis is present that for this periods is raised morbidity rate of the some diseases group, in republic provide organization work for medical examination children.

Key words: children of the Yakutia, incidence of morbidity

Introduction.

The Republic of Sakha Yakutia is 3 103 2000 sq. km. and biggest territory of the Russia and a one of the big territorial country. The population in Yakutia over 1 million, children's population 252 545. The health care system in this condition is not good and high centralization to the Yakutsk.

Now the northern region has some social and economics problems. And the children's situation is not good [2, 1]. The middle incidence of the morbidity on this regions is high than on the all of Russia to 1,4 - 2 one [3].

For date of the official statistics morbidity rates to the children in Yakutia is very difference to the districts and determined by the accessible to the doctors and health care systems. The official date and the date of the medical examination is very different to [4]. And the real information about children health condition to my mined is present incidence of the hospitalization morbidity. We present date of the Pediatric center of the Republic hospital. It is a basis medical structure to the Yakutia.

Methods and materials.

We study cases of the children hospitalization to the Pediatric center to 2001 -2010.



Results.

Pediatric center begin work to 2000 and have 172 beds. Than on 2001 center have 302 beds, 2002- 312 pediatric beds.

All of the years 7383 children treated to this hospital (2001) to 9768 (2010). The rural patients is 27,1% on 2001, and 31,6% on 2010 and is results that in rural territory live 45% of the population. The urgent patient is over 32,5-46,8% (see to table 1).

More patient is address to the nearest districts: Megino-Kangalassky (3,3%), Namsky (3,4%), Tattinsky (3,2%), Changelassky(3,0%), Churapchinsky(2,9%), Ust-Aldansky(2,9%). Low patients is address to the distance districts: Verchoyansky (1,5%), Gigansky (1,2%), Momsky (1,8%), Ust-Yansky (1,5%).

The hospitalization structure presents to table 2. In the hospitalization structure on 2010 the feast pleases is respiratory system disease (528,8 to 100000 children population), second – trauma and poisoning (514,8), third – disease of the nerve system (484,0), forth – congenital disorders (372,8), fifes – gastroenterology disease (349,6), six – urology disease (323,6), than – endocrinology (232,4), oncology (216,0), disease of the skin (193,2), otolaryngology disease (171,2).

From 2001 is detected increase incidence of the hospitalization morbidity. This incidence increase to 1231,4 for 100000 children's population (2001 -2387,6; 2010 -3610,0). The respiratory disease increase to 37,9% (2001 -383,4; 2010 -528,8). Trauma and poisoning increase to 187,8 (over 57,4%), nerves system disease to 255,1 (111,4%), congenital disorders to 222,4 (147,8%), disease to gastroenterology systems to 63,0 (21,9%), urology disease to 97,0 (42,8%), endocrinology to 119,5 (105,8%), oncology to 140,8 (187,2%).

From 2001 is detected increase incidence of the oncology disease. On 2000 treatment 179 children's with oncology problems, but on 2010 -540.

Выводы.

The analysis is present real pathology profile in Yakutia and is detected increase the incidents of the hospitalization morbidity in Yakutia.

Список использованной литературы:

1. Kozlov V.K. The children health on the Far West of the Russia.-Novosibirsk: Nauka, 2003.-288p.
2. Lyaskovik A.Th. The research basis of the health care for the children living on the Far North with low of the density of the populations: avtoref. diss. ... dokt.med.nauk.-SPb., 2004.-40p.
3. Savvina N.V. The strengthening mechanisms of the school-ages children health: avtoref. diss. ... dokt.med.nauk.-M., 2006.-48p.

4. Chasnyk V.G. The important pathology profile for the native children population for the Far North //Research and technology for the development the North of the Russia.-SPb., 2003.-P.326-327.

T.E. Burtseva, M.I. Samsonova, L.A. Nikolaeva, G.G. Dranaeva

THE MORBIDITY RATES OF THE CHILDREN OF REPUBLIC OF SAKHA YAKUTIA

Table 1

The basis incidence to work Pediatric Center on 2000-2010

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Beds	172	302	312	312	312	312	312	312	312	312	312
Hospitalization	4196	7383	8128	8564	8407	8650	8973	8920	9234	9014	9768
Wright out	4193	7306	8104	8545	8409	8661	8951	8745	9231	9030	9784
Rural patients, %	40,1	27,1	28,6	30,9	33,7	28,9	28,1	33,3	31,2	31,7	31,6
Urgent patient, B %	32,5	46,8	45,1	44,1	44,2	46,0	46,8	43,0	46,3	46,8	47,3

T.E. Burtseva, M.I. Samsonova, L.A. Nikolaeva, G.G. Dranaeva

THE MORBIDITY RATES OF THE CHILDREN OF REPUBLIC OF SAKHA YAKUTIA

Table 2

THE HOSPITALIZATION MORBIDITY RATES OF THE CHILDREN OF REPUBLIC OF SAKHA YAKUTIA ABOUT PEDIATRIC CENTER

(to 100 000 children's population)

МКБ X	2001	2010	Прирост показателя на	Прирост показателя к 2001г., %
Всего, в т.ч.	2387,6	3610,0	1231,4	51,5
J00-J99 Respiratory disease	383,4	528,8	145,4	37,9
S00-T98 Trauma and poisoning	327,0	514,8	187,8	57,4
G00-G99 Nerve system disease	228,9	484,0	255,1	111,4
Q00-Q99 Congenital disease	150,4	372,8	222,4	147,8

K00-K93 Gastroenterology disease	286,6	349,6	63,0	21,9
N00-N99 Urology disease	226,6	323,6	97,0	42,8
E00-E90 Endocrinology disease	112,9	232,4	119,5	105,8
C00-D48 Oncology disease	75,2	216,0	140,8	187,2
censer	-	81,2	-	-
L00-L99 Skin disease	161,6	193,2	31,6	19,5
H60-H95 Otolaryngology disease	118,9	171,2	52,3	43,9
I 00-I99 Hard disease	67,2	149,2	82,0	122,0

Сведения об авторах:

- 1 Burtseva Tatiana- MD, research directoe Yakut research center KMP SB RAM
- 2 Samsonova Margarita-PhD, Pediatric Center
- 3 Nikolaeva Ludmila-PhD, head of the Pediatric center
- 4 Dranaeva Galina-PhD, researcher Yakut research center KMP SB RAM

АДРЕС ДЛЯ ПЕРЕПИСКИ: BOURTSEVAT@RAMBLER.RU