

# ANALYSIS OF DISEASES DETECTED IN THE MEDICAL EXAMINATION IN THE CROSS SECTION OF THE YEAR IN SCHOOLS

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**Abstract.** The preventive work carried out has created conditions for a sharp decrease in the incidence of certain diseases among students in 2022 and an increase in the effectiveness of their ability to work compared to 2021.

Hygienic analysis of the disease condition in the cross section of years and hygienic analysis of the role and significance of the factors affecting it are explained by the condition of the disease and the corelial linkage of certain diseases.

**Keywords:** morbidity, preventive work, health.

We set ourselves the goal of analyzing the incidence of 3 years in order to assess the effectiveness of preventive work carried out quickly by employees of the local sanitary epidemiological tranquility and public health service.

The school consists in assessing the impact of the health condition of students on the respiratory system, allergic diseases, changes in body condition, visual system as a result of hygienic analysis of the effects of factors affecting the ability to work.

As can be seen from the hygienic analysis of the prevalence of 3-year diseases among students, the school organized a class of diseases (dental caries from Group IV diseases and endemic bull disease), which spread at a sharply higher level among students. Among the diseases of the III class, iron is the disease of anemia, among the diseases of the XII class there are allergic diseases and acne, while in the XIII-class patients there is a violation of the bladder and in the VII-class diseases the diseases of the respiratory system are occupied, and the increase in diseases of this system is largely due to kskin with intra-school factors.

**Table-1**

**Results of diseases detected in the medical examination in the cross section of the year in schools**

<b>№</b>	<b>Classification of diseases</b>	<b>2</b>	<b>15</b>	<b>30</b>
IV	diseases of the endocrine system, ovulation and metabolic disorders	$215,79 \pm 18,56$	$211,5 \pm 18,51$	$202,78 \pm 18,5$ 9
XII	diseases of the skin and integument	$114,85 \pm 11,11$	$108,62 \pm 9,46$	$116,21 \pm 12,7$ 7
III	diseases of the sensory organs and some disorders of the immune mechanism	$103,67 \pm 12,17$	$92,65 \pm 11,59$	$94,93 \pm 11,86$
VII	diseases of the respiratory	$98,88 \pm 11,92$	$81,47 \pm 10,93$	$88,38 \pm 11,48$
X	system naphthalenic acids	$71,79 \pm 10,34$	$76,71 \pm 9,06$	$62,37 \pm 9,01$

XIII	musculoskeletal and muscular diseases	71,77±10,31	76,68±10,63	57,28±9,4
I	infectious and parasitic diseases	60,61±9,53	57,51±9,3	54,01±9,14
VI	diseases of the nervous system	25,52±6,3	28,75±6,68	27,82±6,65
XI	Ovchinnikovo	17,54±5,24	23,96±6,11	26,19±6,46
XIV	list of urine thanosil diseases	12,76±4,48	11,18±4,2	14,73±4,87
IX	list of compositions participating recordings	6,38±3,18	4,79±2,76	4,91±2,83
VIII	Copyright holder of the illustration Getty Images Image caption In Russia and CIS countries	6,38±3,18	1,6±1,6	4,91±2,83
XVII	Birth anomalies, deformities, and chromosomal abnormalities	3,37±1,11	3,27±1,16	3,4±1,19
	<b>total</b>	<b>809,31</b>	<b>778,69</b>	<b>757,92</b>

Table 2 shows that the ratio of the most common among schoolchildren under general examination was again increased by diseases of the endocrine system, eating disorders and disorders of metabolism (IV), and the number of allergic diseases in this group was sharply higher, while the number of diseases of the blood and blood-forming organs in this year was 215.79±18.56, 211.5±18.51 and 202.78±18.59 disruptions (III), the next seat was occupied by diseases of the eye and its accessory apparatus (VII) and the fifth by diseases of the respiratory system (X). As can be seen from the analysis of the results obtained, the next places were occupied by diseases of the respiratory system and infectious parasites.

The results of the medical examinations that the school organized among students in 2023 are shown in Table 3.

**Table-2**

## Results of diseases detected in the medical examination in the cross section of years in schools

<b>№</b>	<b>Classification of diseases</b>	<b>2</b>	<b>15</b>	<b>30</b>
IV	diseases of the endocrine system, ovulation and metabolic disorders	192,72±19,36	189,14±17,65	185,88±16,34
III	Diseases of the sensory organs and some disorders of the immune mechanism	99,15±12,36	79,22±9,73	100,66±10,95
XII	diseases of the skin and integument	96,01±8,2	75,32±8,2	80,80±8,2
XIII	Musculoskeletal and muscular diseases	73,76±11,45	67,53±9,04	55,63±8,34
VII	Diseases of the respiratory system	73,36±11,15	57,14±8,36	62,25±8,79



X	Naphthalenic acids	67,61±7,87	61,17±6,26	64,44±6,64
I	Infectious and parasitic diseases	47,86±8,83	35,06±6,63	38,41±6,99
VI	Diseases of the nervous system	39,06±6,94	30,78±5,14	32,52±5,4
XI	Ovchinnikovo	17,09±5,36	15,69±3,87	14,62±3,73
XIV	List of urine thanosil diseases	18,55±3,81	15,9±2,25	14,32±1,32
IX	Track listingrecording participants	6,22±2,41	6,26±1,83	6,11±1,32
VIII	Copyright holder of the illustration Getty Images Image caption In Russia and CIS countries	6,42±2,41	6,11±1,3	5,65±1,87
XVII	Birth anomalies, deformities, and chromosomal abnormalities	4,11±1,11	3,57±1,16	3,63±1,19
	<b>total</b>	<b>741,92</b>	<b>642,89</b>	<b>664,92</b>

Table 3 shows that the ratio of the most common diseases among schoolchildren under general examination (IV), (III), (XII), (XIII) and (VII) class disease sequences are seen to occupy seats.

Based on the analysis of the results obtained, we dwell on the following conclusions:

First as a result of the derailment of intra-school factors, the school is most common among students in the school environment as a result of excessive consumption of Fast food and confectionery products, diseases of the endocrine system, eating disorders and disorders of metabolism (IV), the prevalence of dental caries and endemic buckthorn disease is the most common in the;

secondly, among schoolchildren, diseases of the blood and blood-creating organs and certain disorders that attract the immune mechanism (III) the high incidence of iron deficiency anemia has been reversed;

thirdly, skin and subcutaneous tissue diseases (XII) dust allergy and food allergic diseases the number of diseases is also preserved at a sharply high level.

fourth bone-muscular system and connective tissue diseases (XIII) from diseases of the class of school students are returning to disorders of the figure;

fifth respiratory system diseases of the eye and its additional apparatus (VII) allergic diseases of the visual system and a high level of low to medium myopia are relapsed.

## References.

1. Makhmudov Sh.Sh., Otajonov I.O., Mendiboev B.R., Ochilov J.T. Weightlifting athletes dealing with the analysis of the main nutrients in food rasionidagi // journal of the humanities and natural sciences. – Publishing medical printing house. 2024. – 227 c.
2. Shayxova G.I. Nazarenko A.S. Davletova N.X. Otajonov O.I. Organization of rational nutrition and athletes of power sports speed-power sports // Methodological recommendations. – T. 2022. – 36 s.

3. Отажонов, И. О. (2011). Ҳозирги тараққиёт даврида талабалар овқатланишини гигиеник асослаш. Тиббиёт фанлари номзоди илмий даражасини олиш учун диссертацияси.
4. Отажонов, И. О. (2010). Характеристика фактического питания и качественный анализ нутриентов в рационе питания студентов высших учебных заведений. *Врач-аспирант*, 43(6.2), 278-285.
5. Отажонов, И. О., & Шайхова, Г. И. (2020). Фактическое питание больных с хронической болезнью почек. *Медицинские новости*, (5 (308)), 52-54.
6. Islamovna, S. G., Komildjanovich, Z. A., Otaboevich, O. I., & Fatihovich, Z. J. (2016). Characteristics of social and living conditions, the incidence of patients with CRF. *European science review*, (3-4), 142-144.
7. Отажонов, И. О. (2011). Заболеваемость студентов по материалам углубленного медосмотра студентов, обучающихся в высших учебных заведениях. Тошкент тиббиёт академияси Ахборотномаси. *Тошкент*, (2), 122126.
8. Отажонов, И. О. (2020). Оценка психологического состояния больных с хронической болезнью почек. *Главный редактор-ЖА РИЗАЕВ*, 145.
9. Otajonov, I. O., & Urinov, A. M. (2024). Assessment of Quality of Life Indicators of Patients with Cirrhosis of the Liver.
10. Шайхова, Г. И., & Хайитов, Ж. Б. (2020). Гигиеническая оценка фактического питания детей-спортсменов, занимающихся шахматами. *Медицинские новости*, (5 (308)), 75-78.
11. Khaитov, J. B. (2022). Hygienic assessment of boiled sausages and sausages produced by «Rozmetov»(Uzbekistan). *Oriental renaissance: Innovative, educational, natural and social sciences*, 2(12), 1382-1384.
12. Abdurakhimov, B. A., Khaитov, J. B., Safarov, K. K., Khakberdiev, K. R., Buriboev, E. M., & Ortiqov, B. B. (2022). Integral assessment of risk factors affecting the health of employees of a copper production mining. *Oriental renaissance: Innovative, educational, natural and social sciences*, 2(12), 1442-1449.
13. Khaитov, J., Khakberdiev, K., & Kamilova, A. (2022). MUNG BEANS ARE A SOURCE OF PROTEIN AND A HIGH ENERGY SOURCE. *International Bulletin of Medical Sciences and Clinical Research*, 2(12), 61-63.
14. Islamovna, S. G., & Bakhodirovich, K. J. (2019). Hygienic assessment of actual food of school age children in chess sports. *European science*, (2 (44)), 76-78.
15. Хайитов, И. Б., Хайитов, Ж. Б., Хакбердиев, Х. Р., & Ортиков, Б. Б. (2023). СПОСОБ ОЦЕНКИ РЕЗЕРВНЫХ ВОЗМОЖНОСТЕЙ СЕРДЕЧНО-СОСУДИСТОЙ СИСТЕМЫ У БОЛЬНЫХ С ЭХИНОКОККОЗОМ ПЕЧЕНИ. *Oriental renaissance: Innovative, educational, natural and social sciences*, 3(4-2), 525-532.
16. Khaитov, J. B., Khakberdiev, K. R., Buriboev, E. M., Kamilova, A. S., & Abdurakhimov, B. A. (2022). HYGIENIC ASSESSMENT OF THE ACTUAL NUTRITION OF CHILDREN ATHLETES PARTICIPATED IN CHESS. *Academic research in educational sciences*, 3(12), 701-704.