

№ ЛД – 21 Ин

**Federal state budgetary educational institution of higher professional
education "North Ossetian state medical Academy" of the Ministry of health of the
Russian Federation**

APPROVED

**By protocol of the meeting of the
Central Coordinating Educational and
Methodological Council of**

22, March, 2022 No. 4

EVALUATION FUND

on discipline «Public health and healthcare, health economics»

**the main professional educational program of higher education - specialty program
in the specialty 31.05.01 General Medicine, approved in March 30, 2022**

**for 3, 4st year students
(for students enrolled in educational programs, partially implemented in a foreign
language)
specialty 31.05.01 General medicine**

**Reviewed and approved at the meeting of the Department
18.03.2022 (Protocol No. 7)**

**Head of department
doctor of science, Professor**



Z. R. Alikova

Vladikavkaz, 2022

STRUCTURE OF EVALUATION FUND

1. Title page
2. Structure of EF
3. A review of the EF
4. Passport of EF
5. A set of EF
 - Tickets to offset

**ФЕДЕРАЛЬНОЕ ГОСУДАРСТВЕННОЕ БЮДЖЕТНОЕ
ОБРАЗОВАТЕЛЬНОЕ УЧРЕЖДЕНИЕ ВЫСШЕГО ОБРАЗОВАНИЯ «СЕВЕРО-
ОСЕТИНСКАЯ ГОСУДАРСТВЕННАЯ МЕДИЦИНСКАЯ АКАДЕМИЯ»
МИНИСТЕРСТВА ЗДРАВООХРАНЕНИЯ РОССИЙСКОЙ ФЕДЕРАЦИИ**

**РЕЦЕНЗИЯ
на фонд оценочных средств**

**по дисциплине «Общественное здоровье и здравоохранение, экономика
здравоохранения»
для студентов 3, 4 курсов
по специальности 31.05.01 Лечебное дело**

Фонд оценочных средств составлен на кафедре общественного здоровья, здравоохранения и социально-экономических наук на основании рабочей программы учебной дисциплины «Общественное здоровье и здравоохранение, экономика здравоохранения» основной профессиональной образовательной программы высшего образования – программы специалитета по специальности 31.05.01 Лечебное дело, утвержденной в 2020 г., и соответствует требованиям ФГОС ВО 3++ (Блок 1 «Дисциплины (модули)» по специальности 31.05.01 Лечебное дело (частично реализуемая на английском языке).

Фонд оценочных средств утвержден на заседании Центрального координационного учебно-методического совета и скреплен печатью учебно-методического управления.

Фонд оценочных средств включает в себя банк тестовых заданий, билеты к зачету.

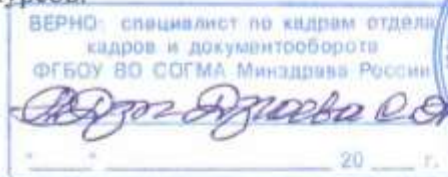
Тестовые задания соответствуют рабочей программе по дисциплине «Общественное здоровье и здравоохранение, экономика здравоохранения» и охватывают все её разделы. Количество тестовых заданий составляет 432. Количество заданий по каждому разделу дисциплины достаточно для проведения контроля знаний и исключает многократное повторение одного и того же вопроса в различных вариантах. Сложность заданий варьируется. Имеются ответы ко всем тестовым заданиям.

Количество билетов к зачету составляет 20, что достаточно для проведения зачета и исключает неоднократное использование одного и того же билета во время зачета в одной академической группе в один день. Билет к зачету включает в себя 3 вопроса. Формулировки вопросов совпадают с формулировками перечня вопросов, выносимых на зачет. Содержание вопросов одного билета относится к различным разделам программы, позволяющее более полно охватить материал учебной дисциплины.

Сложность вопросов в билетах распределена равномерно. Замечаний к рецензируемому фонду оценочных средств нет. В целом, фонд оценочных средств по дисциплине «Общественное здоровье и здравоохранение, экономика здравоохранения» способствует качественной оценке уровня владения обучающимися общекультурными компетенциями.

Рецензируемый фонд оценочных средств по дисциплине «Общественное здоровье и здравоохранение, экономика здравоохранения» (частично реализуемая на английском языке) может быть рекомендован к использованию для промежуточной аттестации на лечебном факультете студентов 3, 4 курсов.

**Рецензент:
Председатель ЦУМК
естественнонаучных
и математических дисциплин
с подкомиссией по экспертизе
оценочных средств, доцент**



Н.И. Боцьева

Passport of Evaluation Fund on the subject
«Public health and healthcare, health economics »

№п/п	Name of the controlled section (topic) of the discipline / module	Code generated competencies (stage)	Name of the evaluation tool
1	2	3	4
Type of control	Intermediate		
1.	Subject, place and role of public health and health care	UC-1	Tickets to offset and test tasks
2.	Medical statistics	UC-3	Tickets to offset and test tasks
3.	Indicators of public health.	GPC-2	Tickets to offset and test tasks
4.	Major diseases and their social and hygienic significance.	GPC-2	Tickets to offset and test tasks
5.	5. Financing the health care system	GPC-11	Tickets to offset and test tasks
6.	6. Medical insurance.	GPC-2	Tickets to offset and test tasks
7.	7. Social insurance and social security.	GPC-2	Tickets to offset and test tasks
8.	8. Planning of health facilities	GPC-9	Tickets to offset and test tasks
9.	9. Organization of medical care for various groups of the population	UC-10	Tickets to offset and test tasks

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**By protocol of the meeting of the
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Methodological Council of**

22, March, 2022 No. 4

Standards of test tasks

**for 3, 4st year students
(for students enrolled in educational programs, partially implemented in a foreign
language)
specialty 31.05.01 General medicine**

**Reviewed and approved at the meeting of the Department
18.03.2022 (Protocol No. 7)**

**Head of department
doctor of science, Professor**



Z. R. Alikova

Vladikavkaz, 2022

ОГЛАВЛЕНИЕ

№ п/п	Name of the controlled section (topic) of the discipline / module	Number of tests (total)	Code generated competencies (stage)	Page from to
1	2	3	4	5
Type of control	Intermediate			
1.	Subject, place and role of public health and health care	15	UC-1	3-7
2.	Medical statistics	25	UC-3	8-20
3.	Indicators of public health.	20	GPC-2	21-30
4.	Major diseases and their social and hygienic significance.	15	GPC-2	31-37
5.	5. Financing the health care system	15	GPC-11	38-44
6.	6. Medical insurance.	15	GPC-2	45-51
7.	7. Social insurance and social security.	15	GPC-2	52-57
8.	8. Planning of health facilities	15	GPC-9	58-67
9.	9. Organization of medical care for various groups of the population	15	UC-10	68-77

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Department of Public Health, Health Care and Socio-Economic Sciences
Specialty General medicine **Course 4**
Discipline «Public health and healthcare, health economics»

Exam ticket for exam number 1

1. Basic principles of health care.
2. City polyclinic: structure, content of work, performance indicators.

Situational task 1

In the city of the A.N-oblast in 2010.

population	100 000 people
was born	660
died	300

Among the dead children

under the age of 1 year	50
including children who died before 1 month.	25

In the maternity hospitals of the city:

born alive	2000
stillbirths	15
died within 1 week	15

Among children who died before the age of 1 year (50), there were

died of pneumonia	25
dead from diseases of newborns	15
died of gastrointestinal diseases	5
dead from other causes	5

In the city of A. in 2009 there were the following demographic indicators:

birth rate	25.0 ‰
mortality rate	8,0 ‰
natural increase	13.0 ‰
infant mortality rate	27,0 ‰
early infant mortality	12.0 ‰
perinatal mortality	20.0 ‰

Head of department, D.M.S.

Alikova Z.R.

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of «__»_____, 20 __, Protocol №__*

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Exam ticket for exam number 2

1. Preventive health care.
2. City hospital: tasks, structure, content of work.

Situational task 2

In the city of the A.N-oblast in 2010.

population	90 000 people
was born	1800
died	650

Among the dead children

under the age of 1 year	45
-------------------------	----

including children who died before 1 month.	20
---	----

In the maternity hospitals of the city:

born alive	1800
------------	------

stillbirths	10
-------------	----

died within 1 week	10
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Among children who died before the age of 1 year (50), there were

died of pneumonia	20
-------------------	----

dead from diseases of newborns	10
--------------------------------	----

died of gastrointestinal diseases	5
-----------------------------------	---

dead from other causes	4
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In the city of A. in 2009 there were the following demographic indicators:

birth rate	25.0 ‰
------------	--------

mortality rate	8,0 ‰
----------------	-------

natural increase	13.0 ‰
------------------	--------

infant mortality rate	27,0 ‰
-----------------------	--------

early infant mortality	12.0 ‰
------------------------	--------

perinatal mortality	20.0 ‰
---------------------	--------

Head of department, D.M.S.

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Discipline «Public health and healthcare, health economics»

Exam ticket for exam number 3

1. Basic research methods of the discipline “Public health and health care.
2. Organization of outpatient care for children. Indicators of the activity of the children's polyclinic.

Situational task 3

In the city of the A.N-oblast in 2010.

population	80 000 people
was born	1600
died	800

Among the dead children

under the age of 1 year	48
-------------------------	----

including children who died before 1 month.	24
---	----

In the maternity hospitals of the city:

born alive	1600
stillbirths	20
died within 1 week	20

Among children who died before the age of 1 year (50), there were

died of pneumonia	20
-------------------	----

dead from diseases of newborns	15
--------------------------------	----

died of gastrointestinal diseases	10
-----------------------------------	----

dead from other causes	3
------------------------	---

In the city of A. in 2009 there were the following demographic indicators:

birth rate	22‰
------------	-----

mortality rate	8,3‰
----------------	------

natural increase	13.7 ‰
------------------	--------

infant mortality rate	27,0 ‰
-----------------------	--------

early infant mortality	13.0 ‰
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perinatal mortality	21.0 ‰
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Head of department, D.M.S.

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Exam ticket for exam number 4

1. Public health (individual, group, public)
2. Examination of temporary incapacity for work: types, procedure for issuing certificates of incapacity for work.

Situational task 4

In the city of the A.N-oblast in 2010.

population	200 000 people
was born	4500
died	1500

Among the dead children

under the age of 1 year	120
including children who died before 1 month.	58

In the maternity hospitals of the city:

born alive	4500
stillbirths	42
died within 1 week	45

Among children who died before the age of 1 year (50), there were

died of pneumonia	62
dead from diseases of newborns	28
died of gastrointestinal diseases	18
dead from other causes	12

In the city of A. in 2009 there were the following demographic indicators:

birth rate	21,5‰
mortality rate	7,2‰
natural increase	14,3 ‰
infant mortality rate	24,0 ‰
early infant mortality	13.0 ‰
perinatal mortality	20.0 ‰

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Exam ticket for exam number 5

1. Relative values (intensive indicators, indicators of visibility), graphic representation.
2. Organization of out-of-hospital obstetric and gynecological care. Performance indicators of the antenatal clinic.

Situational task 5

On the basis of the data presented, it is required to calculate the indicators of the dynamic series: absolute growth, growth rate, value of 1% growth, growth rate. Draw conclusions on the data.

Option 1

Table 1

Number of children one of the regions of the country
(per thousand at the beginning of the year)

YEARS	Number of children (per thousand at the beginning of the year)
2014	539,2
2015	542,5
2016	545,6
2017	549,4
2018	551,1
2019	551,2

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Department of Public Health, Health Care and Socio-Economic Sciences
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Discipline «Public health and healthcare, health economics»

Exam ticket for exam number 6

1. Variational series (definition, structure). Average values, their types.
2. Expertise of permanent incapacity for work. Bureau of Medical and Social Expertise, composition and tasks.

Situational task 6

On the basis of the data given in Table 1, it is required to calculate the indicators: intensive, extensive, relationships, clarity, and draw conclusions from the data obtained.

Table 1.

**The number of children of different ages in the city of M and the number of visits to outpatient clinics for preventive purposes
(in absolute numbers).**

Age in years	Number of children	Number of preventive visits
0-1	750	8500
1-3	1200	3650
4-14	48050	47860
Итого	50000	60000

Note. The number of pediatric beds is 200;
the number of pediatricians is 250.

Head of department, D.M.S.
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Department of Public Health, Health Care and Socio-Economic Sciences

Specialty General medicine

Course 4

Discipline «Public health and healthcare, health economics»

Exam ticket for exam number 7

1. Fertility as a medical and social problem. Mortality: definition, levels.
2. Cardiovascular diseases as a medical and social problem. Organization of the cardiological service.

Situational task 7

On the basis of the data presented, it is required to calculate the indicators of the dynamic series: absolute growth, growth rate, value of 1% growth, growth rate. Draw conclusions on the data.

Option 1

Table 1

**Number of children one of the regions of the country
(per thousand at the beginning of the year)**

YEARS	Number of children (per thousand at the beginning of the year)
2014	128,8
2015	124,5
2016	121,9
2017	120,7
2018	121,5
2019	122,1

Head of department, D.M.S.

Alikova Z.R.

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Discipline «Public health and healthcare, health economics»

Exam ticket for exam number 8

1. Morbidity of the population. General morbidity. Study methods.
2. Malignant neoplasms as a medical and social problem.

Situational task 8

On the basis of the data presented, it is required to calculate the indicators of the dynamic series: absolute growth, growth rate, value of 1% growth, growth rate. Draw conclusions on the data.

Option 1

Table 1

Number of children one of the regions of the country
(per thousand at the beginning of the year)

YEARS	Number of children (per thousand at the beginning of the year)
2014	539,2
2015	542,5
2016	545,6
2017	549,4
2018	551,1
2019	551,2

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Department of Public Health, Health Care and Socio-Economic Sciences
Specialty General medicine **Course 4**
Discipline «Public health and healthcare, health economics»

Exam ticket for exam number 9

1. Общая заболеваемость. Методы изучения.
2. Система охраны материнства и детства, основные принципы.

Situational task 9

On the basis of the data given in Table 1, it is required to calculate the indicators:
intensive, extensive, relationships, clarity, and draw conclusions from the data
obtained.

Table 1.

**The number of children of different ages in the city of M and the number of
visits to outpatient clinics for preventive purposes
(in absolute numbers).**

Age in years	Number of children	Number of preventive visits
0-1	750	8500
1-3	1200	47860
4-14	48050	3650
Итого	50000	60000

Note. The number of pediatric beds is 200;
the number of pediatricians is 250.

Head of department, D.M.S.
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Discipline «Public health and healthcare, health economics»

Exam ticket for exam number 10

1. Organization of the state sanitary and epidemiological service. Current sanitary supervision. Preventive sanitary supervision.
2. Organization of out-of-hospital obstetric and gynecological care. Performance indicators of the antenatal clinic.

Situational task 10

On the basis of the data given in Table 1, it is required to calculate the indicators: intensive, extensive, relationships, clarity, and draw conclusions from the data obtained.

Table 1.

The number of children of different ages in the city of M and the number of visits to outpatient clinics for preventive purposes (in absolute numbers).

Age in years	Number of children	Number of preventive visits
0-1	750	8500
1-3	1200	3650
4-14	48050	47860
Итого	50000	60000

Note. The number of pediatric beds is 200;
the number of pediatricians is 250.

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Department of Public Health, Health Care and Socio-Economic Sciences
Specialty General medicine **Course 4**
Discipline «Public health and healthcare, health economics»

Exam ticket for exam number 11

1. Marketing in healthcare. The main elements of marketing.
2. Organization of inpatient medical care for children. Children's hospital performance indicators.

Situational task 11

On the basis of the data presented, it is required to calculate the indicators of the dynamic series: absolute growth, growth rate, value of 1% growth, growth rate. Draw conclusions on the data.

Option 1

Table 1

Number of children one of the regions of the country
(per thousand at the beginning of the year)

YEARS	Number of children (per thousand at the beginning of the year)
2014	128,8
2015	124,5
2016	121,9
2017	120,7
2018	121,5
2019	122,1

Head of department, D.M.S.
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Discipline «Public health and healthcare, health economics»

Exam ticket for exam number № 12

1. Health insurance: types, principles. Subjects of compulsory health insurance.
2. Organization of medical care for the rural population.

Situational task 12

On the basis of the data presented, it is required to calculate the indicators of the dynamic series: absolute growth, growth rate, value of 1% growth, growth rate. Draw conclusions on the data.

Option 1

Table 1

**Number of children one of the regions of the country
(per thousand at the beginning of the year)**

YEARS	Number of children (per thousand at the beginning of the year)
2014	539,2
2015	542,5
2016	545,6
2017	549,4
2018	551,1
2019	551,2

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Department of Public Health, Health Care and Socio-Economic Sciences
Specialty General medicine **Course 4**
Discipline «Public health and healthcare, health economics»

Exam ticket for exam number № 13

1. Time series and their analysis.
2. Management in health care. Definition, principles.

Situational task 13

On the basis of the data given in Table 1, it is required to calculate the indicators: intensive, extensive, relationships, clarity, and draw conclusions from the data obtained.

Table 1.

**The number of children of different ages in the city of M and the number of visits to outpatient clinics for preventive purposes
(in absolute numbers).**

Age in years	Number of children	Number of preventive visits
0-1	750	8500
1-3	1200	47860
4-14	48050	3650
Итого	50000	60000

Note. The number of pediatric beds is 200;
the number of pediatricians is 250.

Head of department, D.M.S.
*Approved at the meeting of central coordinating
Educational and methodical Council
of «__»_____, 20__, Protocol №__*

Alikova Z.R.

**Federal state budgetary educational institution of higher education
Federal state budgetary educational institution of higher education
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Department of Public Health, Health Care and Socio-Economic Sciences
Specialty General medicine **Course 4**
Discipline «Public health and healthcare, health economics»

Exam ticket for exam number № 14

1. Indicators of the natural movement of the population.
2. Fundamentals of financing health care institutions. Estimate of a budgetary institution.

Situational task 14

On the basis of the data presented, it is required to calculate the indicators of the dynamic series: absolute growth, growth rate, value of 1% growth, growth rate. Draw conclusions on the data.

Option 1

Table 1

**Number of children one of the regions of the country
(per thousand at the beginning of the year)**

YEARS	Number of children (per thousand at the beginning of the year)
2014	539,2
2015	542,5
2016	545,6
2017	549,4
2018	551,1
2019	551,2

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Discipline «Public health and healthcare, health economics»

Exam ticket for exam number № 15

1. Health planning: principles, types of plans, drawing up procedure, plan indicators, planning methods.
2. World Health Organization (WHO). Structure, activity.

Situational task 15

On the basis of the data given in Table 1, it is required to calculate the indicators: intensive, extensive, relationships, clarity, and draw conclusions from the data obtained.

Table 1.

**The number of children of different ages in the city of M and the number of visits to outpatient clinics for preventive purposes
(in absolute numbers).**

Age in years	Number of children	Number of preventive visits
0-1	750	8500
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Итого	50000	60000

Note. The number of pediatric beds is 200;
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of the Ministry of health of the Russian Federation**

Department of Public Health, Health Care and Socio-Economic Sciences
Specialty General medicine **Course 4**
Discipline «Public health and healthcare, health economics»

Exam ticket for exam number № 16

1. Statistical aggregate and its structure.
2. The quality of medical care. Definition, principles.

Situational task 16

On the basis of the data presented, it is required to calculate the indicators of the dynamic series: absolute growth, growth rate, value of 1% growth, growth rate. Draw conclusions on the data.

Option 1

Table 1

**Number of children one of the regions of the country
(per thousand at the beginning of the year)**

YEARS	Number of children (per thousand at the beginning of the year)
2014	539,2
2015	542,5
2016	545,6
2017	549,4
2018	551,1
2019	551,2

Head of department, D.M.S.
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Specialty General medicine **Course 4**
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Exam ticket for exam number № 17

1. Fertility: definition, levels, regulation.
2. Health economics: concept, goals and objectives. Efficiency in the healthcare system.

Situational task 17

In the city of the A.N-oblast in 2010.

population	90 000 people
was born	1800
died	650

Among the dead children

under the age of 1 year	45
including children who died before 1 month.	20

In the maternity hospitals of the city:

born alive	1800
stillbirths	10
died within 1 week	10

Among children who died before the age of 1 year (50), there were

died of pneumonia	20
dead from diseases of newborns	10
died of gastrointestinal diseases	5
dead from other causes	4

In the city of A. in 2009 there were the following demographic indicators:

birth rate	25.0 ‰
mortality rate	8,0 ‰
natural increase	13.0 ‰
infant mortality rate	27,0 ‰
early infant mortality	12.0 ‰
perinatal mortality	20.0 ‰

Head of department, D.M.S.

Alikova Z.R.

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Exam ticket for exam number № 18

1. Mortality: definition, levels.
2. Traumatism as a medical and social problem. Organization of the fight against injuries.

Situational task 18

On the basis of the data given in Table 1, it is required to calculate the indicators: intensive, extensive, relationships, clarity, and draw conclusions from the data obtained.

Table 1.

**The number of children of different ages in the city of M and the number of visits to outpatient clinics for preventive purposes
(in absolute numbers).**

Age in years	Number of children	Number of preventive visits
0-1	750	8500
1-3	1200	47860
4-14	48050	3650
Итого	50000	60000

Note. The number of pediatric beds is 200;
the number of pediatricians is 250.

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Specialty General medicine

Course 4

Discipline «Public health and healthcare, health economics»

Exam ticket for exam number № 19

1. Infant mortality: definition, levels.
2. Tuberculosis as a medical and social problem. Organization of medical and social assistance to patients with tuberculosis.

Situational task 19

On the basis of the data presented, it is required to calculate the indicators of the dynamic series: absolute growth, growth rate, value of 1% growth, growth rate. Draw conclusions on the data.

Option 1

Table 1

Number of children one of the regions of the country
(per thousand at the beginning of the year)

YEARS	Number of children (per thousand at the beginning of the year)
2014	539,2
2015	542,5
2016	545,6
2017	549,4
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Exam ticket for exam number № 20

1. The work of the district therapist in the clinic. Home health care.
2. Infectious (epidemic) morbidity, research methodology. non-epidemic morbidity, study method.

Situational task 20

In the city of the A.N-oblast in 2010.

population	90 000 people
was born	1800
died	650

Among the dead children

under the age of 1 year	45
including children who died before 1 month.	20

In the maternity hospitals of the city:

born alive	1800
stillbirths	10
died within 1 week	10

Among children who died before the age of 1 year (50), there were

died of pneumonia	20
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In the city of A. in 2009 there were the following demographic indicators:

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Head of department, D.M.S.

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