

## **5. Health Care System of the Republic of Armenia, Morbidity of Population and Medical Service**

**5.1. Health care system description and main indicators.** In 2003, inpatient treatment of population in the republic was implemented in 137 hospitals, 98.5% of which are under subordination of RA Ministry of Health. 449 or 99.3% out of 452 outpatient medical establishments are also under subordination of the latter. Health care establishments and potential mainly centralized in big towns (mainly in Yerevan: 68.0% of physicians, 32.1% of inpatient medical establishments, 51.9% of hospital beds, 16.4% of outpatient medical establishments), which make serious difficulties in availability of medical services for population of far settlements of the republic.

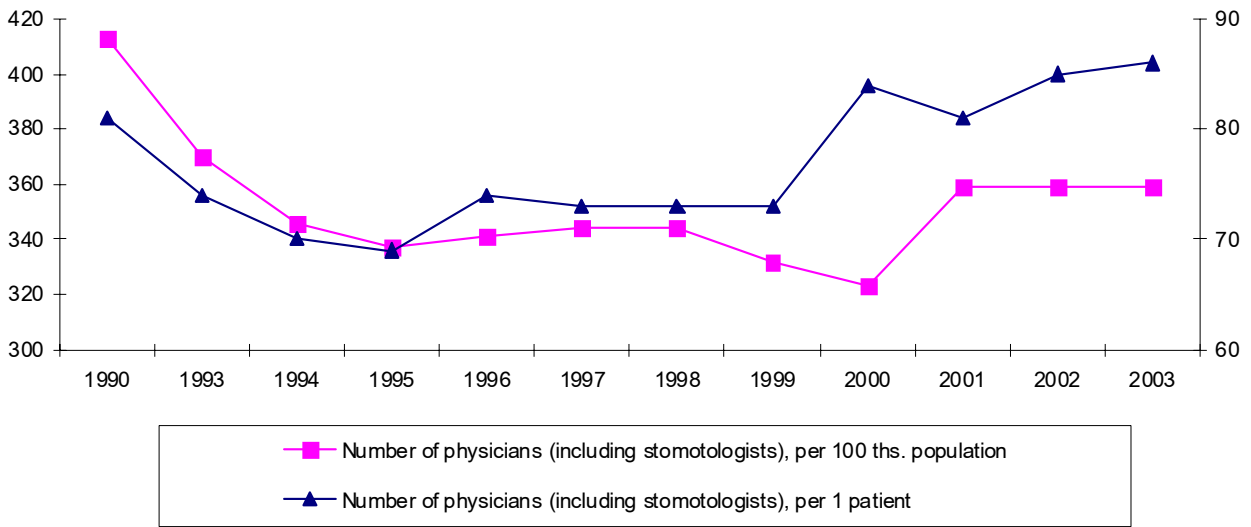
### **Generalized Indicators on Health Care for 1999-2003**

	1999	2000	2001	2002	2003
Number of hospitals, unit	174	146	142	135	137
Number of outpatient establishments per 10 ths. population, unit	1.3	1.3	1.2	1.4	1.4
Number of population per physician, person	301	310	330	279	274
Number of beds per 10 ths. population, unit	62.0	54.7	42.5	43.5	44.2
Average annual occupation per hospital bed, day	122	116	136	153	163
Average duration of treatment per patient, day	12.8	12.7	11.7	10.9	10.5
Number of paramedical personnel per 10 ths. population, person	64.9	59.5	53.8	59.9	57.2

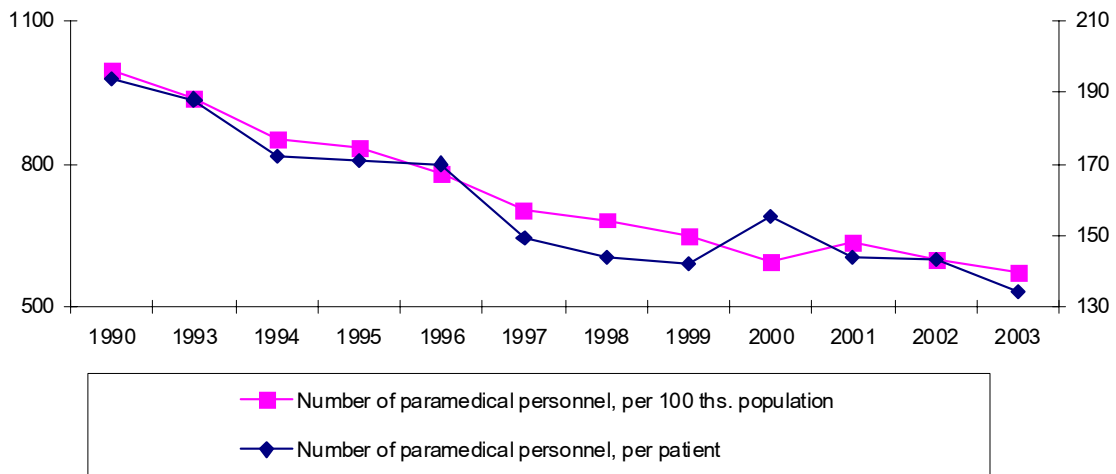
### **Specific Indicators on Health Care by Marzes for 2003**

	Number of physicians per 10 ths. population, person	Number of paramedical personnel per 10 ths. population, person	Number of patients admitted in hospitals per 100 population, person	Number of hospital beds per 10 ths. population, unit	Average duration of treatment per patient, day	Number of outpatient medical establishments per 10 ths. population, unit	Number of attendances in outpatient medical establishments per capita, person
Total RA	36.5	57.2	6.9	44.2	10.5	1.4	2.0
of which - in the system of the RA Health Ministry							
Yerevan city	72.5	73.6	11.8	66.2	10.5	0.7	2.3
Aragatsotn	16.0	51.9	3.5	33.7	6.3	1.9	1.7
Ararat	15.0	37.0	4.1	27.1	9.6	2.2	1.8
Armavir	14.7	40.6	3.1	22.8	6.6	2.1	1.6
Gegharkunik	12.7	47.5	4.0	21.1	6.7	1.5	1.8
Lori	17.5	40.6	4.5	29.2	7.1	1.7	1.8
Kotayk	16.8	41.7	3.1	17.4	6.6	1.5	1.7
Shirak	19.9	62.8	5.6	35.0	9.5	1.3	1.9
Syunik	17.8	47.3	4.6	48.0	11.5	1.9	3.0
Vayots Dzor	18.1	47.7	3.4	32.3	6.5	1.4	2.3
Tavush	17.2	48.9	4.3	28.7	6.9	1.7	2.1

**Movement of Number of Active Physicians for 1990-2003, Person**

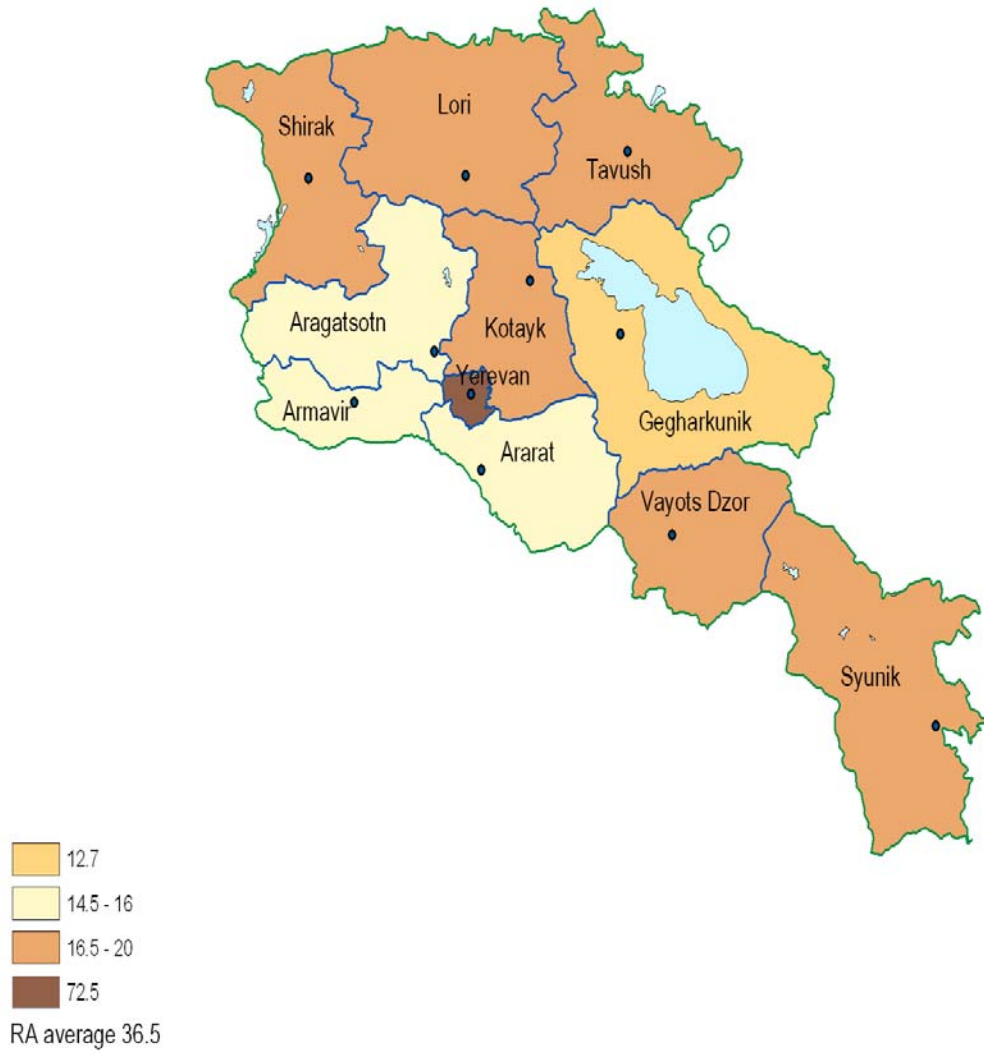


**Movement of Number of Paramedical Personnel for 1990-2003, Person**



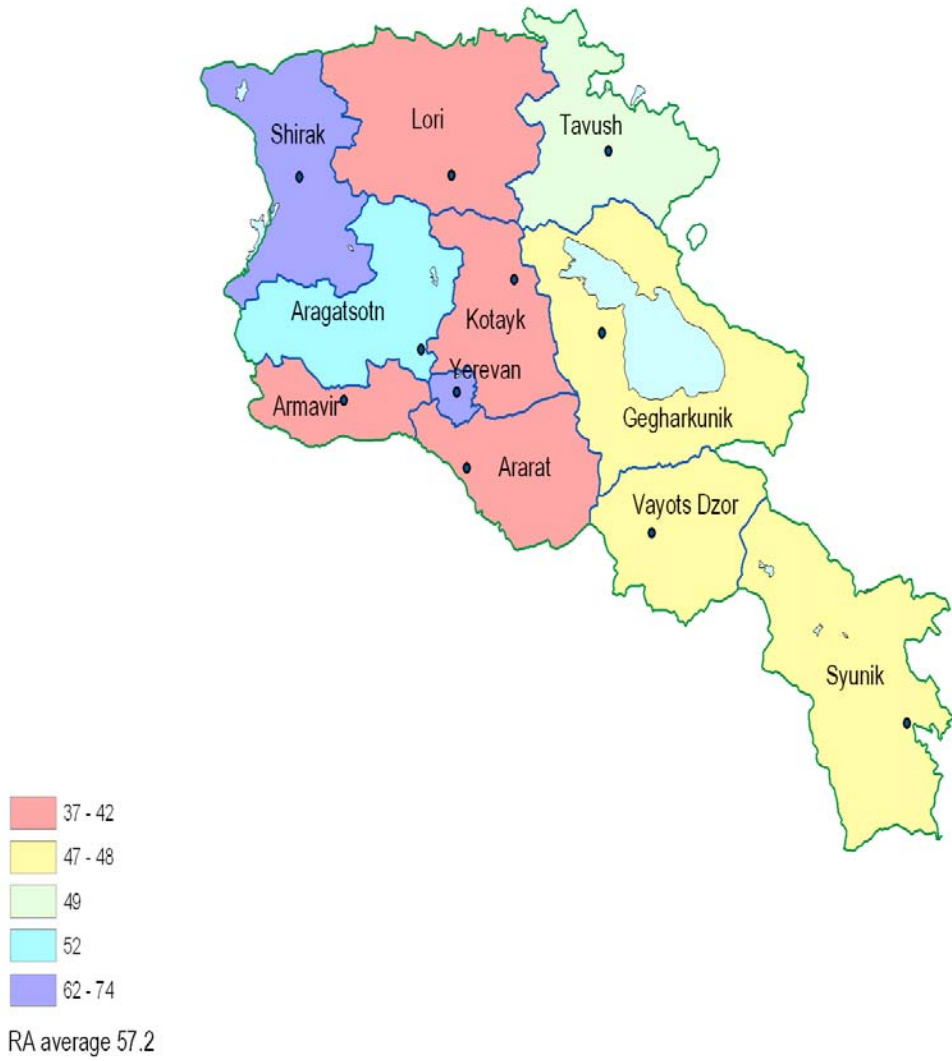
### Number of Physicians per 10000 Population, person

2003



# Number of Paramedical Personnel per 10000 Population, person

2003



**5.2. Activity of Outpatient Medical Establishments.** In 2003, 99.3% of active outpatient medical establishments in the republic belonged to the RA Ministry of Health.

### Number of Outpatient Medical Establishments per 100 ths. Population of the Republic

	<u>1991</u>	<u>2003</u>
<u>Outpatient medical establishments</u>	14.6	14.1
<u>  of which have functioned in the hospital system</u>	3.9	2.1
<u>Independent outpatient establishments</u>	7.9	10.0
<u>  of which polyclinics</u>	1.0	2.3
<u>clinics</u>	6.1	7.3
<u>children's polyclinics</u>	0.3	0.2
<u>women's consultations</u>	-	0.03
<u>other</u>	-	0.1
<u>Dispensaries</u>	0.9	0.7
<u>Independent stomatological polyclinics</u>	0.9	1.2
<u>  of which adults'</u>	0.7	0.9
<u>children's</u>	0.3	0.3

One of the important characteristics of outpatient establishments is their foreseen power, i.e. foreseen capacity to receive the patients during a shift. In 2003, those establishments could serve about 10 mln. patients. Number of attendances comprised 6.54 mln. or 65.4% of capacities were used.

Outpatient establishments in rural communities are main establishments (hospitals are mainly located in urban communities) for first medical service (usually also for full medical service). In 2003, 98.3% (230) out of 234 outpatient establishments functioning in the republic were located in rural communities. Maximal quantity per 100 ths. rural population has been recorded in Syunik - 28.5, minimal – in Shirak - 11.9.

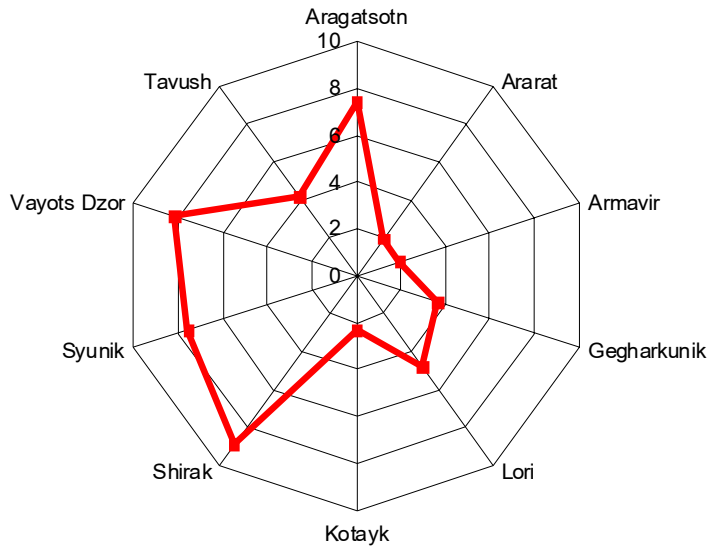
### Quantitative Distribution of Out-patient Establishments in Rural Communities by Marzes for 2002-2003

	Number of out-patient establishments			
	Total		Per 100 ths. rural population	
	2002	2003	2002	2003
Aragatsotn	16	15	15.2	14.2
Ararat	48	48	25.0	24.9
Armavir	49	49	27.5	27.4
Gegharkunik	23	24	14.5	15.1
Lori	22	22	18.9	18.9
Kotayk	27	26	22.7	21.8
Shirak	13	13	11.9	11.9
Syunik	17	14	34.8	28.5
Vayots Dzor	5	5	13.7	13.7
Tavush	14	14	16.7	16.7
Total	234	230	20.4	20.0

(unit)

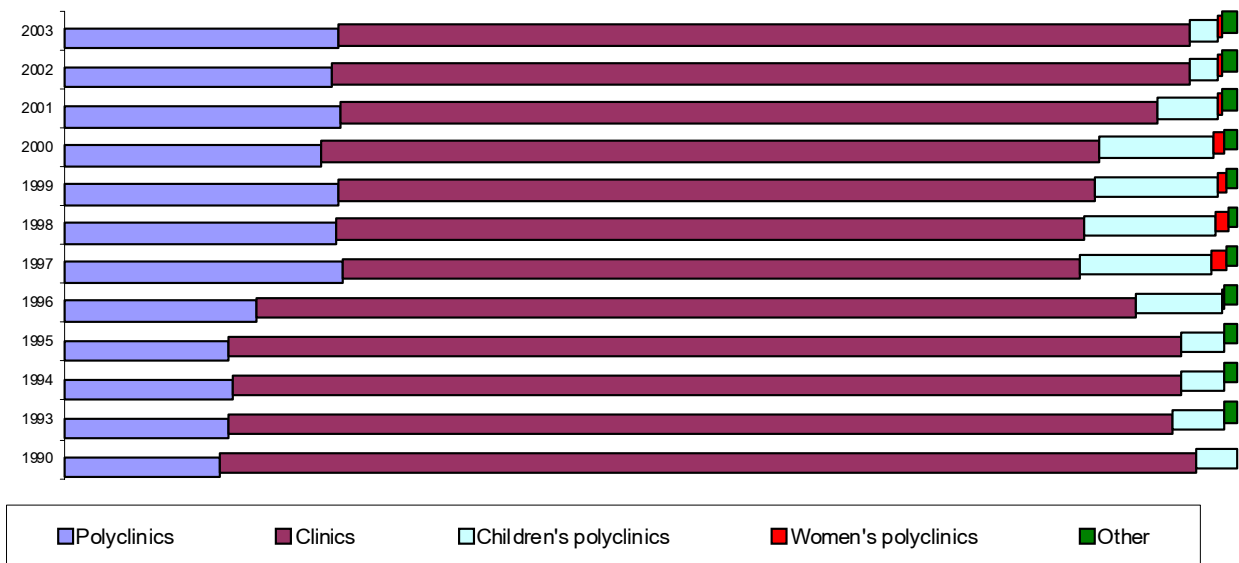
To describe more clearly the distribution, it should be mentioned, that in regions out-patient establishments are not available in all communities, which certainly brings to decrease of their accessibility.

**Average Number of Rural Communities Served Per Out-patient Establishment by Marzes for 2003, unit**



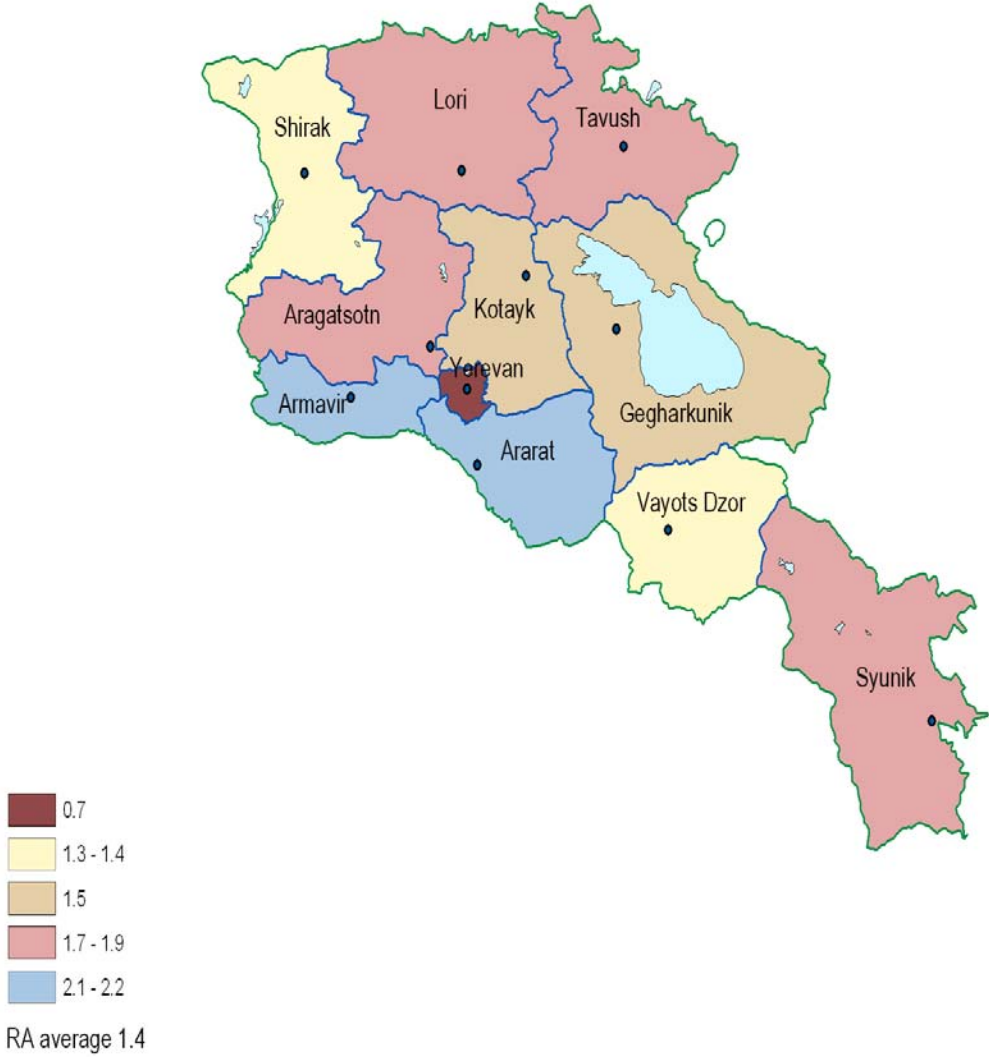
Average for RA - 3.8

**Dynamics of Structural Distribution of Separated Out-patient Establishments for 1990-2003**



### Number of Outpatient Medical Establishments per 10000 Population, unit

2003







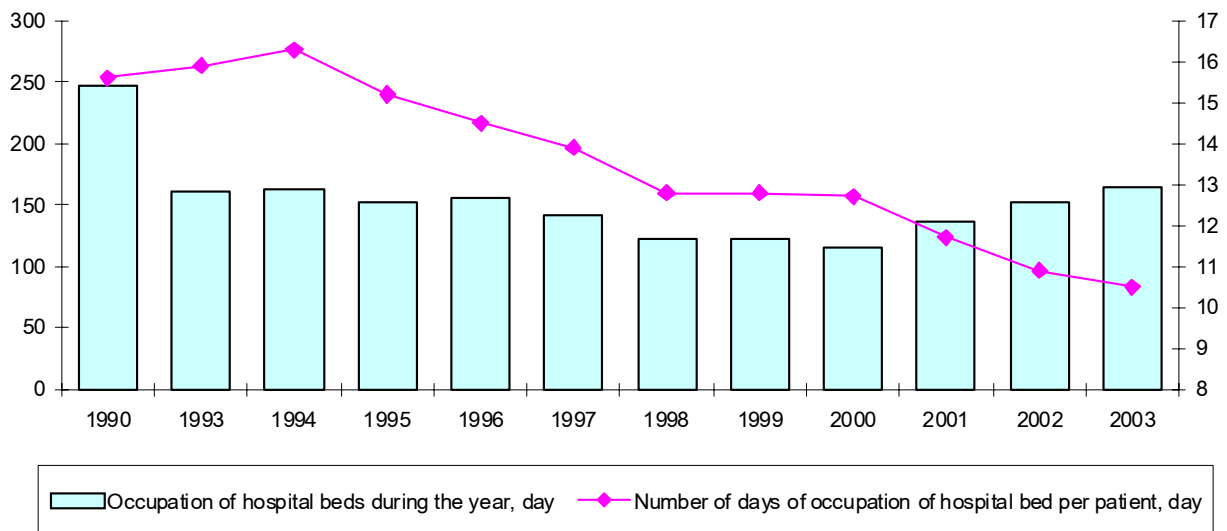
**5.3. Activity of hospitals.** In 2003, 220.6 ths. people were admitted in hospitals for inpatient treatment, and their number per 1000 population comprised 69. 14.7% (31.7 ths.) of admitted people were 0-14 years old. Average annual occupation per hospital bed comprised 163 bed/day, and average duration of treatment per patient - 10.5 bed/day.

80167 operations were performed, 15.6% (12529) of which were operations of 0-17 years old and 78.0% among which comprised 0-14 year old children. 3.2% of operations were performed by endoscopic method. 421 people died as a consequence of operation, 5.2% of which – children 0-14 years old.

In 2003, 216.7 ths. people (98.2%) discharged from hospitals, died - 3.6 ths. people (1.6%).

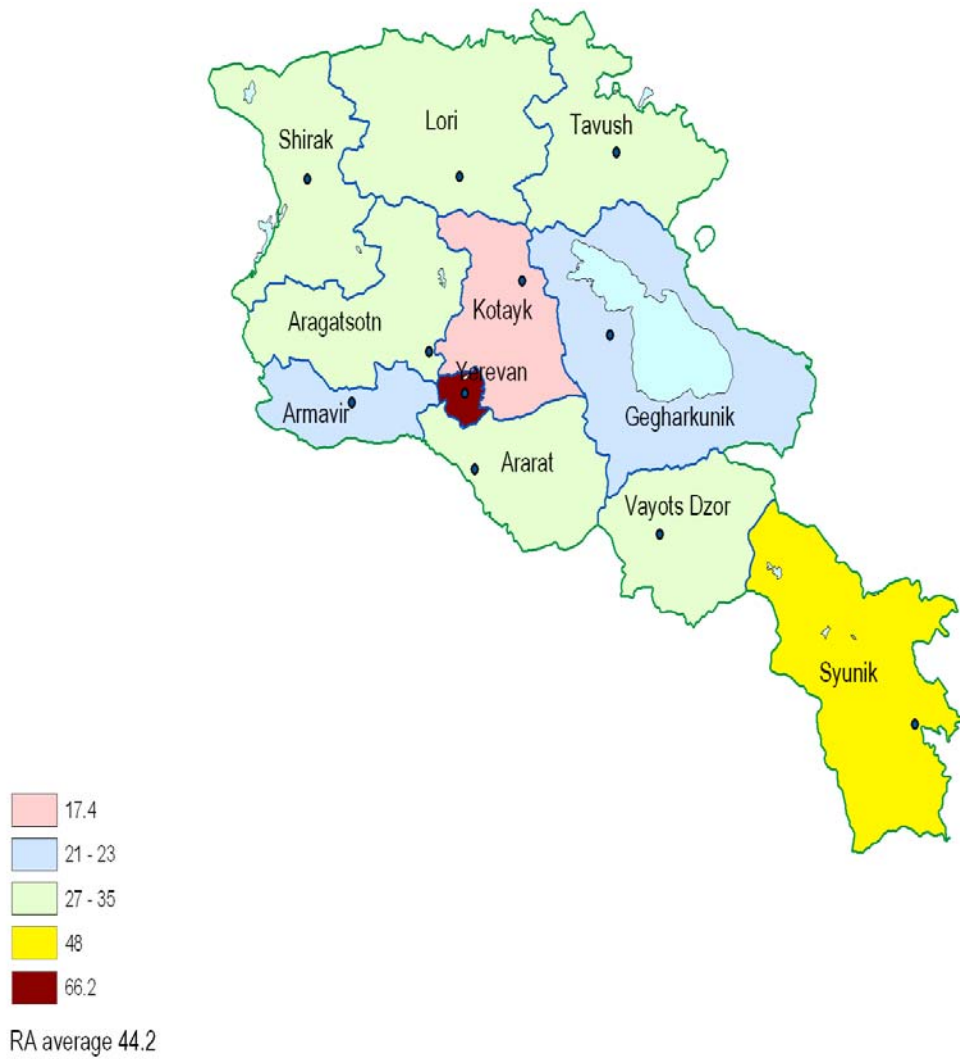
Comparatively high indicators on people admitted to hospital in Yerevan are conditioned by the fact that the hospitals in Yerevan equipped with more modern facilities, quality of medical service is higher, and acquisition of necessary medicine is easier. Because of the above-mentioned, some part of patients (significant part of patients from settlements close to Yerevan) prefers to be treated in Yerevan.

**Occupation of Hospital Beds for 1990-2003, Day**



### Number of Hospital Beds per 10000 Population, unit

2003



**5.4. Morbidity of population.** In 2003, number of population morbidity cases with the diagnosis set for the first time per 100 ths. population comprised 18.8 ths. cases, and for 0-14 years old children per 100 ths. children of the corresponding age - 29.0 ths. cases.

#### Morbidity of Population with the Diagnosis Set for the First Time for 1999-2003

*(per 100 ths. population)*

	1999	2000	2001	2002	2003
Number of registered diseases, total	17202.6	15623.8	13979.2	16194.5	18838.4
of which endocrine system	269.6	250.1	248.1	295.0	279.6
respiratory organs	8061.0	7012.0	6187.4	6990.0	9189.5
digestive organs	1291.3	1133.0	989.7	1146.0	1094.6
osteo-muscular and connective tissue	191.1	165.0	155.9	181.6	218.7
skin and underskin fat	602.4	566.5	538.2	562.9	601.2
nervous system and organs of senses	772.9	891.3	784.9	1006.0	1123.6
urogenital system	504.4	542.6	523.0	670.7	758.0
blood and hematogenic disturbances	164.4	146.4	149.1	188.5	194.3

#### Morbidity of Population Caused by Infectious and Parasitical Diseases for 1999-2003

*(per 100 ths. population)*

	1999	2000	2001	2002	2003
Acute intestinal infections, total	270.5	99.9	87.6	105.0	126.0
including bacillary dysentery	36.6	20.8	15.7	23.0	24.2
Acute intestinal infections caused by indefinit and imprecise bacillus, alimentary toxicological infections	208.0	59.5	53.5	60.3	79.6
Typhoid fever	1.1	0.4	0.2	0.8	0.5
Virus hepatitis	72.6	45.3	26.5	29.5	27.5
Epidemic parotiditis	307.6	92.7	25.7	54.8	109.2

#### Diseases of Cardiovascular System with the Diagnosis Set for the First Time for 1999-2003

*(per 100 ths. population)*

	1999	2000	2001	2002	2003
Blood circulation diseases, total	525.9	529.8	522.7	699.3	714.9
including essential hypertension	136.1	132.2	138.0	182.7	192.2
of which acute myocardial infarction	34.1	34.5	31.3	46.7	52.2
with stenocardia	51.9	52.9	47.9	61.2	71.1

#### Morbidity of Population Caused by Tuberculosis with the Diagnosis Set for the First Time by Sex and Age Distribution for 1999-2003

*(per 100 ths. population of corresponding age and sex)*

		1999	2000	2001	2002	2003
Registered patients	female	12.6	11.5	11.2	16.9	15.8
	male	64.3	57.3	60.9	72.0	76.0
0-14 years old	girl	11.0	6.7	7.1	10.1	7.1
	boy	13.8	7.1	14.1	9.9	12.0
15 – 19 years old	female	11.2	12.2	16.7	20.2	22.7
	male	109.3	88.4	65.1	134.2	114.1

		1999	2000	2001	2002	2003
20 – 39 years old	female	17.0	14.4	12.8	23.4	25.1
	male	94.8	90.5	89.6	103.9	112.3
40 – 59 years old	female	11.8	13.2	15.7	18.2	14.8
	male	65.2	60.8	79.2	78.4	90.4
60 years and over	female	7.9	9.4	3.0	10.5	7.6
	male	51.0	41.4	40.4	36.9	57.9

**Malignant Neoplasms with the Diagnosis Set for the First Time by Sex and Age Distribution for 1999-2003**

(per 100 ths. population of corresponding age and sex)

		1999	2000	2001	2002	2003
Registered patients	female	129.8	133.0	140.7	166.1	172.2
	male	155.7	152.2	157.9	192.0	199.5
0-14 years old	girl	8.6	11.4	7.6	10.6	7.1
	boy	12.5	10.1	10.9	14.1	8.9
15 – 19 years old	female	9.0	12.2	8.6	13.2	12.0
	male	10.7	13.8	21.9	12.5	16.8
20 – 39 years old	female	42.8	40.2	39.6	45.5	46.1
	male	22.9	26.0	25.1	32.2	28.2
40 – 59 years old	female	216.4	204.9	217.5	244.3	274.2
	male	206.1	191.9	181.1	208.7	233.0
60 years and over	female	442.1	466.0	488.4	550.1	567.9
	male	869.7	838.9	879.1	1012.8	1112.3

**Female Morbidity Caused by Malignant Neoplasms with the Diagnosis Set for the First Time for 1999-2003**

(per 100 ths. women)

	1999	2000	2001	2002	2003
Number of malignant neoplasms	129.8	133.0	140.7	166.3	172.2
of which breast	38.1	35.1	39.7	49.6	49.0
uterine cervix	10.9	12.2	11.0	12.0	14.5
uterus	5.8	5.2	5.6	8.7	7.0

**Distribution of Number of RA Citizens Tested for HIV by Sex and Age Groups and Place of Residence for 2003**

(people)

Age	Yerevan city		Other towns		Villages		Total	
	female	male	female	male	female	male	female	male
under 15	94	115	59	22	72	65	225	202
15-19	261	458	355	178	303	259	919	895
20-29	1106	1185	903	447	628	466	2637	2098
30-39	1168	1100	752	503	626	395	2546	1998
40-49	1139	802	355	1356	944	650	2438	2808
50-59	765	530	388	474	432	182	1585	1186
60 and over	159	209	42	29	68	44	269	282
Total	4692	4399	2854	3009	3073	2061	10619	9469

**Distribution of Number of RA Citizens Tested for HIV by Sex for 2003***(people)*

	Tested		Seropositives		HIV virus carrier	
	female	male	female	male	female	male
Tested RA citizens, total	10619	9469	19	57	6	23
including						
people, who had sexual relations with AIDS infected or seropositive persons	10	7	4	4	4	4
users of intravenous introduction of drugs	4	42	-	7	-	7
homo and bisexuals	-	3	-	-	-	-
people with sexually transmitted infections	107	117	-	1	-	1
people having casual sexual relations	62	138	1	1	1	-
people being abroad more than 1 month	-	2	-	-	-	-
donors	5610	5694	10	24	-	1
pregnants	2166		-		-	
receptients	-	1	-	-	-	-
soldiers	22	243	-	1	-	1
prisoners	7	336	-	5	-	5
adults referred to physical examination	644	645	4	8	1	3
anonymous tested persons	292	500	-	2	-	1
people, who had domestic or medical contact with AIDS infected or seropositive persons	88	64	-	1	-	-
children referred to physical examination	145	148	-	-	-	-
other	1462	1529	-	3	-	-

**Distribution of Number of Foreign Citizens Tested for HIV by Sex for 2003***(people)*

	Tested		Seropositives		HIV virus carrier	
	female	male	female	male	female	male
Tested foreign citizens, total	156	293	2	3	1	1
including						
people having casual sexual relations	-	1	-	-	-	-
people being abroad more than 1 month	-	4	-	-	-	-
soldiers	7	36	-	-	-	-
prisoners	32	31	-	-	-	-
adults referred to physical examination	-	1	-	-	-	-
anonymous tested persons	6	14	-	-	-	-
other	111	206	2	3	1	1

**Quantitative Distribution of Tests for HIV by Citizenship for 2003***(unit)*

	Female	Male
Total number of tests of RA citizens	11068	9647
Total number of tests of foreign citizens	160	299
Total number of tests	11228	9946

### Morbidity of Population Caused by Syphilis with the Diagnosis Set for the First Time by Sex and Age Distribution for 1999-2003

(per 100 ths. population of corresponding age and sex)

		1999	2000	2001	2002	2003
Registered patients	female	11.6	7.1	5.2	4.4	4.4
	male	11.5	6.7	6.5	3.9	4.1
0-14 years old	girl	1.3	0.5	-	-	0.3
	boy	1.7	0.9	0.5	0.3	-
15 – 17 years old	female	1.8	-	2.6	2.1	-
	male	1.7	3.4	0.8	-	-
18 – 39 years old	female	25.7	16.0	11.3	9.5	7.8
	male	23.8	12.9	11.2	7.3	6.5
40 years and over	female	6.1	3.9	2.9	3.0	4.3
	male	7.3	4.8	6.8	3.8	5.3

### Morbidity of Population Caused by Gonorrhoea with the Diagnosis Set for the First Time by Sex and Age Distribution for 1999-2003

(per 100 ths. population of corresponding age and sex)

		1999	2000	2001	2002	2003
Registered patients	female	26.2	25.9	16.7	29.1	18.4
	male	22.1	21.8	35.8	32.9	28.6
0-14 years old	girl	-	0.7	0.2	-	-
	boy	-	-	-	-	-
15 – 17 years old	female	1.8	2.7	0.9	-	-
	male	4.4	11.2	2.5	4.1	2.1
18 – 39 years old	female	64.0	63.3	44.4	87.3	55.1
	male	52.6	51.2	92.3	94.0	82.6
40 years and over	female	10.5	10.0	3.4	0.9	0.6
	male	8.8	8.0	6.3	2.9	1.8

### Morbidity of Population Caused by Mental Disorders (Excepting Alcoholic Psychosis, Alcoholism, Drug Addiction and Toxicomania) for 1999-2003

(per 100 ths. population of corresponding age and sex)

	1999	2000	2001	2002	2003
Diagnosis set for the first time	39.9	33.8	34.5	43.9	47.9
Patients passing regular medical and advisory check-up at the end of year	851.5	860.4	876.0	1080.0	1124.9
Children 0-14 years old with diagnosis set for the first time	17.7	25.1	14.6	8.6	22.2
Children 0-14 years old passing regular medical and advisory check-up at the end of year	145.3	161.9	153.0	164.5	146.5

**5.5. Maternity and childbirth.** Complications of pregnancy, delivery and post-natal period per 100 ths. women at fertile age comprised 1363.8 cases. In the far regions of the republic the cases of delivery occurring at home are still continuing, which make difficulties in their registration and cause a lot of diseases.

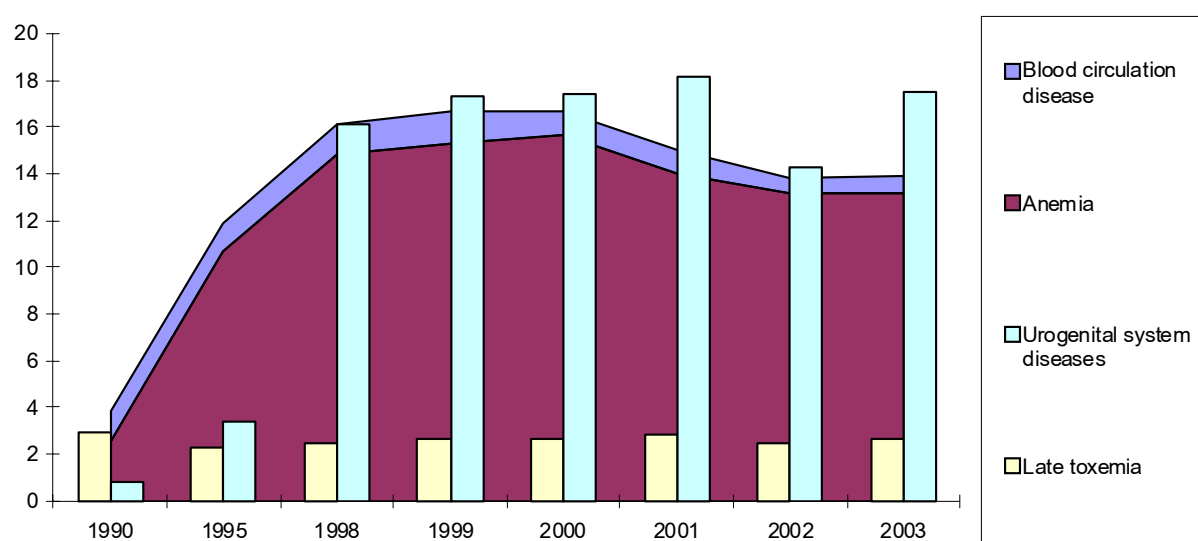
In 2003, number of deliveries occurred at home by physicians and paramedical personnel comprised 365, 76.7% of which or 280 – without further hospitalization.

### Morbidity Among Pregnants for 1999-2003

(in % out of total number of sick women with interrupted pregnancy)

	1999	2000	2001	2002	2003
Anemia	15.3	15.7	14.0	13.2	13.2
Blood circulation disease	1.4	1.0	1.0	0.6	0.7
Late toxemia	2.7	2.7	2.8	2.5	2.7
Urogenital system diseases	17.3	17.4	18.1	14.3	17.5

### Morbidity Among Pregnants for 1998-2003, (in % out of total number of sick women with interrupted pregnancy)



In comparison with 2002, birth rate increased by 9.6% and comprised 36.5 ths. children. Cases of child morbidity have also been decreased by 3.7%.

### Morbidity of Infants for 1999-2003

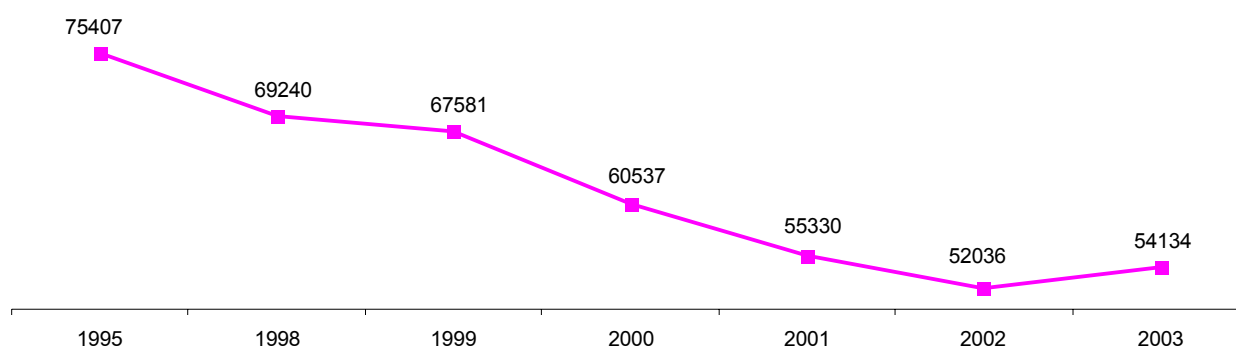
(people)

	1999	2000	2001	2002	2003
Number of diseased and sick born children per 1000 mature births	107.6	94.0	91.3	93.2	89.7
of which by diseases					
congenital anomalies	15.8	15.5	15.0	14.4	13.8
delivery injuries	9.6	9.4	8.9	10.3	10.7
intrauterine anoxaemia and asphyxiation during delivery	49.1	43.5	38.9	40.4	37.4
congenital pneumonia	0.8	1.4	0.8	2.3	2.5
septicemia	0.4	0.4	0.4	0.6	0.4
hemolytic disease	4.2	4.1	4.4	4.5	3.7
Number of premature births per 1000 live births	71.9	69.2	67.8	68.9	64.9

In comparison with 2002, number of diseased children at the first year of life increased by 4.0% and comprised 54134.

**Morbidity of Children at the First Year of Life (Infant) for 2003**

Disease	Total, unit	Increase or decrease compared to 2002 (decrease by “-“ sign), %
Number of registered diseases	54134	4.0
including		
infectious and parasitic	1638	2.6
diseases of the endocrine system, digestion disorders, disorders of metabolism and immunity	3435	0.7
blood diseases and hematogenic disturbances	2110	- 4.7
nervous system and organs of senses	3595	5.5
respiratory organs	28253	9.3
digestive organs	5650	- 11.5
urogenital system	1459	- 1.4
congenital anomalies	678	24.6
separate states occurring in perinatal period	5764	9.5
injures and poisonings	269	- 30.1
other	1283	- 14.5

**Morbidity of Children at the First Year of Life (Infant) for 1995-2003, Unit**

In comparison with 2002, the number of abortions increased by 9.9% and comprised 11.8 cases per 1000 women at fertile age.

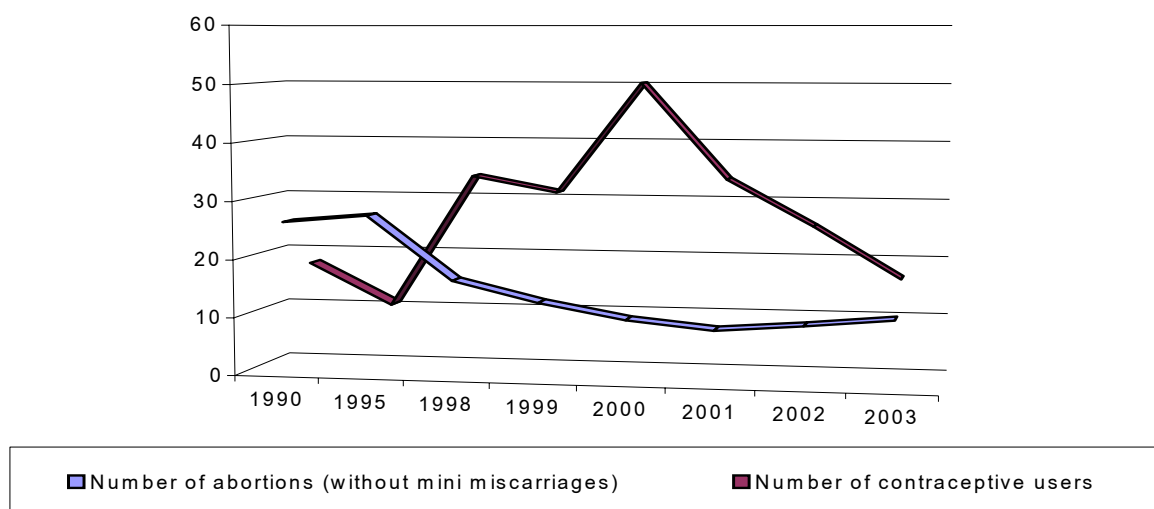
**Frequency of Abortions by Age Distribution for 1999-2003**

	Total, ths.					Per 1000 women at fertile age				
	1999	2000	2001	2002	2003	1999	2000	2001	2002	2003
Number of abortions (without mini miscarriage), total	14.1	11.5	10.0	9.4	10.5	13.2	10.6	9.2	10.3	11.6
By age groups										
15-19 years old	0.7	0.7	1.0	0.5	0.7	4.2	3.8	5.5	3.4	4.1
20-34 years old	9.9	7.9	6.8	6.6	7.3	22.7	18.1	15.3	17.8	20.0
35 and over	3.4	2.8	2.2	2.3	2.5	7.4	6.1	4.8	5.9	6.5



The maximal number of abortions has been recorded in 20-34 age group, which in comparison with 2002 increased by 12.0%. Simultaneously with increase of indicator on birth rate, the indicator on contraceptive use has decreased. In comparison with 2002, the total number of women at fertile age using IUD decreased by 7.2%, users of hormonal contraception – by 60.0%.

**Movement of Number of Abortions and Contraceptive Users for 1990-2003, per 1000 Women at Fertile Age**



**Coverage of Contraceptive Uses by Women for 1999-2003**

(per 1000 women at fertile age)

	1999	2000	2001	2002	2003
Persons having IUD	16.1	15.4	11.3	12.5	11.6
Number of hormonal contraception users	14.9	34.7	22.3	13.2	5.3
Number of IUD users	5.8	6.7	5.2	4.5	4.5

**5.6. Prophylactic examination of children.** Maximal level of actual examinations of children liable to prophylactic examination was recorded in 1986 – more than 97%. Due to a number of objective and subjective reasons, the mentioned indicator decreased up to 92% at the beginning of 90’s, then keeping on decline came to 58.5% (in 1998), but situation was significantly improved last years.

In 2003, 621.1 ths. children or 81.9% out of 758.6 ths. 0-14 years old children liable to examination for prevention of morbidity were examined.

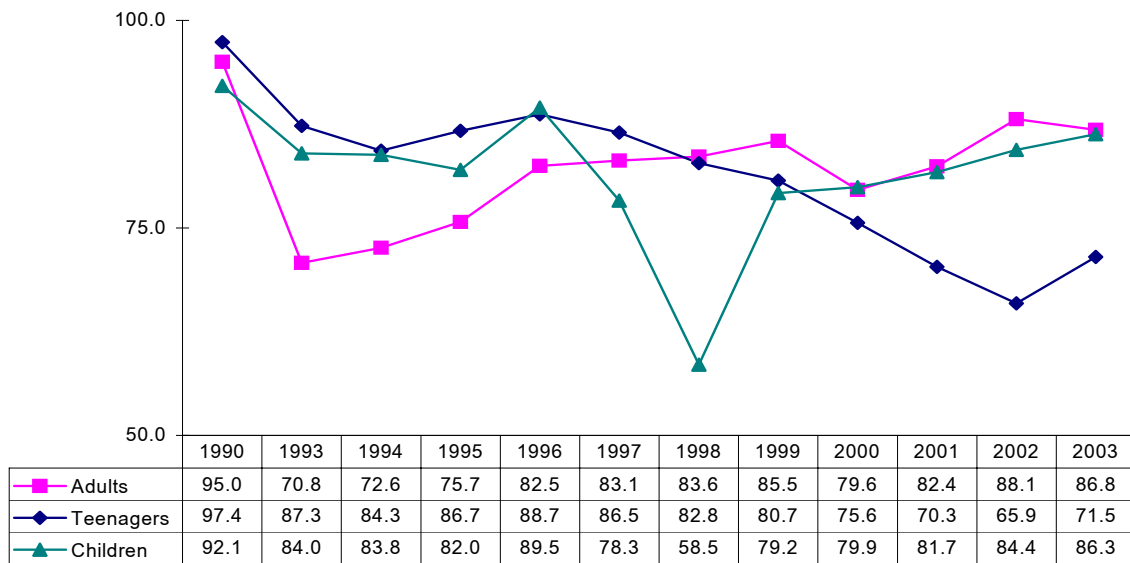
**Prophylactic Examinations of Children and Their Results for 2003**

(people)

	Examined	Detected				
		impaired keenness		dysphrasia	scoliosis	disturbance of bearing
		hearing	vision			
Children 0-14 years old	621138	1118	8775	3060	280	4423
including	198605	236	841	966	18	413

	Examined	Detected				
		impaired keenness		dysphrasia	scoliosis	disturbance of bearing
		hearing	vision			
preschool age						
6 years old	18981	51	424	369	4	240
7 years old	42122	145	1053	553	36	532
School children (II-VIII grades)	361430	686	6457	1172	222	3238
Children 15 years old	56848	145	1071	143	61	675

**Coverage of Population Liable to Prophylactic Examinations in Examinations, in % out of the Number of Population Liable to Examination, for 1990-2003**



**5.7. Disability of children due to diseases.** In 2003, the number of children disabled due to diseases comprised 7.7 ths., 2.4 ths. of which (46.4%) were girls. Share of children recognized as disabled for the first time out of the total number of disabled children comprised 17.0%.

**Distribution of Number of Children Disabled Due to Diseases by Sex and Age for 2003**

a) total

(people)

Diseases	Number of disabled children				By age groups									
	total		of which first examination		0 - 4 years old		5 - 9 years old		10 - 14 years old		15 years old		16-17 years old	
	boy	girl	boy	girl	boy	girl	boy	girl	boy	girl	boy	girl	boy	girl
	Nervous system and psychic disorders	2551	1195	385	139	229	107	690	333	979	467	295	132	358
Eyes infections	548	218	95	32	25	7	121	58	234	100	73	24	95	29
Ear, nose, throat infections	285	184	41	31	21	12	84	45	98	75	33	19	49	33
Internal diseases	1016	432	234	111	74	31	285	123	408	171	118	54	131	53
Tumorous	151	84	30	21	7	7	30	18	79	38	14	9	21	12

Diseases	Number of disabled children				By age groups									
	total		of which first examination		0 - 4 years old		5 - 9 years old		10 - 14 years old		15 years old		16-17 years old	
	boy	girl	boy	girl	boy	girl	boy	girl	boy	girl	boy	girl	boy	girl
Surgical	652	298	114	58	51	29	164	73	262	109	78	39	97	48
Skin diseases	28	15	9	4	3	3	3	1	17	9	3	2	2	-
Total	5231	2426	908	396	410	196	1377	651	2077	969	614	279	753	331

**b) compared to total**

Diseases	Number of disabled children				By age groups									
	total		of which first examination		0 - 4 years old		5 - 9 years old		10 - 14 years old		15 years old		16-17 years old	
	girl	boy	girl	boy	girl	boy	girl	boy	girl	boy	girl	boy	girl	boy
Nervous system and psychic disorders	49.2	48.8	35.1	42.4	54.6	55.9	51.1	50.1	48.2	47.1	47.3	48.0	47.1	47.5
Eyes infections	9.0	10.5	8.1	10.5	3.6	6.1	8.9	8.8	10.3	11.3	8.6	11.9	8.8	12.6
Ear, nose, throat infections	7.6	5.4	7.8	4.5	6.1	5.1	6.9	6.1	7.7	4.7	6.8	5.4	10.0	6.5
Internal diseases	17.8	19.4	28.0	25.8	15.8	18.1	18.9	20.7	17.7	19.7	19.4	19.2	16.0	17.4
Tumorous	3.5	2.9	5.3	3.3	3.6	1.7	2.8	2.2	3.9	3.8	3.2	2.3	3.6	2.8
Surgical	12.3	12.5	14.7	12.5	14.8	12.4	11.2	11.9	11.3	12.6	14.0	12.7	14.5	12.9
Skin diseases	0.6	0.5	1.0	1.0	1.5	0.7	0.2	0.2	0.9	0.8	0.7	0.5	-	0.3
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100

**c) distribution by sex**

Diseases	Number of disabled children				By age groups									
	total		of which first examination		0 - 4 years old		5 - 9 years old		10 - 14 years old		15 years old		16-17 years old	
	girl	boy	girl	boy	girl	boy	girl	boy	girl	boy	girl	boy	girl	boy
Nervous system and psychic disorders	31.9	68.1	26.5	73.5	31.8	68.2	32.6	67.4	32.3	67.7	30.9	69.1	30.4	69.6
Eyes infections	28.5	71.5	25.2	74.8	21.9	78.1	32.4	67.6	29.9	70.1	24.7	75.3	23.4	76.6
Ear, nose, throat infections	39.2	60.8	43.1	56.9	36.4	63.6	34.9	65.1	43.4	56.6	36.5	63.5	40.2	59.8
Internal diseases	29.8	70.2	32.2	67.8	29.5	70.5	30.1	69.9	29.5	70.5	31.4	68.6	28.8	71.2
Tumorous	35.7	64.3	41.2	58.8	50.0	50.0	37.5	62.5	32.5	67.5	39.1	60.9	36.4	63.6
Surgical	31.4	68.6	33.7	66.3	36.3	63.8	30.8	69.2	29.4	70.6	33.3	66.7	33.1	66.9
Skin diseases	34.9	65.1	30.8	69.2	50.0	50.0	25.0	75.0	34.6	65.4	40.0	60.0	-	100.0
Total	31.7	68.3	30.4	69.6	32.3	67.7	32.1	67.9	31.8	68.2	31.2	68.8	30.5	69.5

## Annex 5

## Main Indicators on Health for 1995-2003

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Number of physicians of all specialities, total	12657	12850	13023	13026	12625	12270	11529	11508	11728
per 10000 population	33.7	34.0	34.4	34.3	33.2	32.3	30.3	35.8	36.5
Number of paramedical personnel, total	31324	29333	26553	25838	24669	22632	20431	19257	18379
per 10000 population	83.3	77.6	70.0	68.0	64.9	59.5	53.8	59.9	57.2
Number of hospitals	183	173	178	179	174	146	142	135	137
Number of hospital beds, total	28711	26893	25560	25275	23574	20795	16157	13968	14208
per 10000 population	76.2	71.1	67.4	66.5	62.0	54.7	42.5	43.5	44.2
Number of medical establishments rendering out-patient and dispensary aid to population	509	506	497	497	504	503	460	446	452
Power (attendance to) of out-patient establishments during the shift, total	45767	46163	45561	44569	43366	42890	39347	38506	38505
Per 10000 population	121.5	122.1	120.2	117.3	114.0	112.8	103.5	119.9	119.9
Number of antenatal clinics, children's polyclinics and independent dispensaries; number of establishments with antenatal clinics and children's polyclinics	263	171	350	366	438	393	391	364	362
Number of beds for pregnant women and women in childbirth, total	3181	2967	2778	2699	2495	2303	1819	1698	1692
Per 10000 women at fertile age (15-49 years old)	31.3	28.7	26.5	25.5	23.2	21.2	16.6	15.6	18.6
Number of hospital beds for sick children, total	3751	3667	3371	3295	3265	3039	2374	1793	1780
Per 10000 children	35.3	35.4	33.6	34.1	35.4	34.8	28.8	26.0	24.1

## Morbidity of Population with the Diagnosis Set for the First Time for 1995-2003

(per 100 ths. population)

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Number of registered diseases, total	19796.1	21120.7	18199.3	15931.6	17202.6	15623.8	13979.2	16194.5	18838.4
of which									
infectious and parasitic diseases	1311.7	1815.5	1666.0	1828.9	1814.2	1719.0	1608.1	1754.3	1874.0
neoplasms	130.9	131.5	129.0	140.0	145.7	155.9	159.3	190.2	211.7
diseases of the endocrine system, digestion disorders, disorders of metabolism and immunity	372.6	402.8	299.7	256.2	269.6	250.2	248.1	295.0	279.6
blood diseases and hematogenic disturbances	117.4	146.5	155.0	179.4	164.4	146.4	149.1	188.5	194.3
mental disorders	156.4	175.7	133.9	124.4	124.9	125.4	122.1	138.1	150.0
nervous system disorders and organs of senses diseases	1347.9	1295.8	1000.6	787.0	772.9	891.5	784.9	1006.0	1123.6

	1995	1996	1997	1998	1999	2000	2001	2002	2003
blood circulation diseases	538.5	545.2	461.3	504.3	525.9	529.9	522.7	699.3	714.9
respiratory organs diseases	8908.4	9246.3	8373.4	7155.0	8061.0	7013.7	6187.4	6990.0	9189.5
digestive organs disorders	1308.4	1772.1	1332.4	1201.2	1291.3	1133.2	989.7	1146.0	1094.6
urogenital system diseases	663.9	681.6	537.4	527.1	504.4	542.6	523.0	670.7	758.0
complications of pregnancy, delivery and post-natal period*	951.0	1235.8	1009.9	1003.5	1243.9	1230.9	932.3	1189.1	1363.8
skin infections and underskin fat diseases	1211.5	1281.6	1084.3	632.1	602.4	566.5	538.2	562.9	601.2
osteo-muscular and connective tissue disorders	200.7	211.3	220.4	188.4	191.1	165.0	155.9	181.6	218.7
congenital anomalies (developmental defects)	30.0	28.2	24.6	27.5	31.3	30.2	29.3	36.0	37.2
symptoms, sings and inexactly identified states	80.6	61.9	49.4	38.4	44.8	48.3	40.7	50.6	44.0
injures and poisonings	3093.2	2936.1	2400.7	2002.6	1974.5	1866.1	1565.8	1854.7	1860.9

\* The indicator is calculated per women at fertile age (15-49 years old).

### Morbidity of Children 0-14 Years Old with the Diagnosis Set for the First Time for 1995-2003

(per 100 ths. population of corresponding 0-14 age)

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Number of registered diseases, total	30535.0	34313.3	29918.5	27695.8	31348.0	29061.6	26557.3	28261.0	29006.0
of which									
infectious and parasitic diseases	2831.0	4338.7	3837.8	4560.0	5469.2	4172.4	4020.1	3987.0	3779.8
neoplasms	13.3	18.7	10.1	14.6	19.3	19.2	13.2	22.9	17.6
diseases of the endocrine system, digestion disorders, disorders of metabolism and immunity	975.5	1043.6	713.2	561.2	534.4	506.6	512.4	524.1	506.4
blood diseases and hematogenic disturbances	285.9	374.7	380.5	461.0	448.2	423.7	419.5	484.6	489.3
mental disorders	172.9	181.2	85.6	66.1	90.8	96.8	68.7	66.3	67.8
nervous system disorders and organs of senses diseases	2438.7	2230.6	1621.9	1256.4	1360.7	1831.5	1516.3	1922.8	1747.9
blood circulation diseases	48.1	53.3	39.3	46.0	50.9	42.5	55.5	42.9	41.9
respiratory organs diseases	15960.6	17115.6	15771.8	13883.5	15666.8	14727.4	13636.0	14765.4	16381.7
digestive organs disorders	1582.5	2719.4	2168.4	2398.3	2940.6	2641.1	2177.3	1985.1	1808.6
urogenital system diseases	424.6	393.8	351.2	340.3	374.4	377.0	359.1	412.3	394.0
skin infections and underskin cellular tissue diseases	1741.0	1951.2	1393.5	846.1	965.2	930.8	800.7	804.0	808.1
osteo-muscular and connective tissue disorders	152.8	121.4	191.4	137.0	154.7	98.4	87.7	120.1	106.7
congenital anomalies (developmental defects)	92.7	86.4	81.9	92.7	105.7	108.4	103.2	120.0	119.4
symptoms, sings and inexactly identified states	92.0	111.0	102.1	82.0	114.4	143.3	132.7	158.5	140.4
separate states occurring in perinatal period	240.8	190.4	198.4	229.9	288.4	370.0	386.3	419.0	439.3
injures and poisonings	3482.8	3383.3	2971.4	2720.7	2764.3	2572.6	2269.3	2426.1	2156.4

### Female Morbidity with the Diagnosis Set for the First Time by Separate Diseases for 1995-2003

(per 100 ths. women)

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Malignant neoplasms	112.1	113.4	113.0	124.9	129.8	133.0	140.7	166.3	172.2
of which breast	31.9	29.7	29.6	33.1	38.1	35.1	39.7	49.6	49.0
uterine cervix	9.8	11.1	9.1	10.6	10.9	12.2	11.0	12.0	14.5
uterus	3.8	4.8	4.6	5.2	5.8	5.2	5.6	8.7	7.0
ovaries	5.6	5.5	4.8	7.0	6.2	7.6	7.4	8.1	9.7
Active tuberculosis	13.8	12.3	13.2	12.3	12.6	11.5	11.2	17.0	15.8
Alcoholism and alcoholism psychosis	-	0.1	0.7	-	-	-	0.1	-	-
Syphilis	12.9	18.7	16.8	15.8	11.6	7.1	5.2	4.4	4.4
Gonorrhoea	26.2	32.6	12.7	28.0	26.2	25.9	16.7	29.1	18.4
Ovaritis and inflammation of oviducts	147.8	190.0	135.2	144.0	136.8	155.8	138.0	165.3	194.2
Cervical erosion and ectropion	157.4	153.8	106.7	97.5	90.4	109.9	108.8	110.0	140.4
Endometriosis	4.9	6.4	6.7	5.4	7.4	8.2	7.0	7.4	13.0
Menstruation disorders*	128.9	137.8	92.0	109.0	113.5	149.1	147.8	176.2	186.2
Disorders during the menopause and after that	23.1	28.3	25.4	26.8	29.6	44.9	47.2	42.9	61.6
Female sterility*	56.0	52.9	53.2	50.0	45.0	87.2	62.3	74.3	90.2
Pregnancy, delivery and post-natal period*	951.0	1235.8	1009.9	1003.5	1243.9	1230.9	932.3	1189.1	1363.8

\* Per women at fertile age.

### Morbidity of Newborn Infants for 1995-2003

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Per 1000 mature births									
Congenital anomalies	11.0	12.5	13.2	15.7	15.8	15.5	15.0	14.4	13.8
Delivery injuries	8.1	11.0	10.1	6.0	9.6	9.4	8.9	10.3	10.7
Intrauterine anoxaemia and asphyxiation during delivery	33.4	32.7	39.4	49.2	49.1	43.5	38.9	40.4	37.4
Congenital pneumonia	1.1	1.4	1.6	1.5	0.8	1.4	0.8	2.3	2.5
Septicemia	0.1	0.0	0.2	0.1	0.4	0.4	0.4	0.6	0.4
Hemolytic disease	4.4	4.3	4.0	4.3	4.2	4.1	4.4	4.5	3.7
Total	84.1	87.1	88.1	96.7	107.6	94.0	91.3	93.2	89.7
Per 1000 premature births									
Congenital anomalies	46.2	38.7	55.9	59.8	51.1	58.4	48.4	66.1	44.7
Delivery injuries	21.0	36.1	28.1	23.1	26.7	25.5	26.0	17.0	33.3
Intrauterine anoxaemia and asphyxiation during delivery	266.3	259.5	296.5	343.2	319.9	324.7	328.1	328.5	367.5
Congenital pneumonia	14.6	16.0	32.4	20.2	25.5	27.1	15.7	24.0	23.2
Septicemia	1.1	1.3	0.3	1.5	1.2	4.9	6.3	5.2	4.6
Hemolytic disease	14.9	11.7	9.5	14.3	9.4	13.2	7.6	14.4	16.0
Total	544.3	550.8	650.0	666.7	615.1	626.4	604.2	612.3	608.1

### Morbidity of Population Caused by Selected Infectious Diseases for 1995-2003

*(per 100 ths. population)*

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Typhoid fever	0.8	1.6	0.7	0.6	1.1	0.4	0.2	0.8	0.5
Paratyphoid A, B, C	0.2	0.3	0.2	0.2	0.1	-	-	0.1	0.1
Acute intestinal infections	99.6	135.2	105.4	129.7	262.7	96.8	87.8	104.9	126.0
of which bacillary dysentery	28.5	27.5	23.3	32.0	35.6	20.3	15.7	23.0	24.2
Virus hepatitis	79.5	89.8	84.7	85.8	72.6	45.3	26.5	29.5	27.5
Brucellosis – diagnosis set for the first time	7.9	5.4	3.5	2.7	2.7	2.9	4.6	3.2	3.7
Diphtheria	0.8	0.3	0.3	0.1	0.1	-	0.2	0.0	-
Measles	5.0	53.7	21.2	1.4	1.1	0.4	1.8	1.2	0.1
Whooping cough	0.3	0.1	0.1	0.5	0.3	0.3	0.0	0.1	0.1
Scarlet fever	1.0	19.9	9.2	16.2	11.8	11.6	12.1	14.3	8.2
Meningococcosis	0.4	0.3	0.5	0.2	0.3	0.4	0.2	0.3	0.2
Acute poliomyelitis	0.1	-	-	0.6	0.6	0.6	0.5	0.5	0.4
Malaria - diagnosis set for the first time	13.4	9.2	22.2	30.8	16.2	3.7	2.1	1.6	0.9
AIDS	-	0.1	-	0.0	0.2	0.0	0.1	0.0	0.4
HIV*	...	...	...	0.2	0.9	0.4	0.7	1.3	0.9
Tetanus	-	0.2	-	0.1	-	-	0.1	0.0	0.0
Acute infections of upper respiratory system	5207.8	5028.3	4539.9	3201.2	5368.2	4453.1	3346.0	3409.1	5088.1
Influenza	1451.6	1089.1	1184.9	526.4	2802.2	1059.3	647.4	570.1	793.5

\* The registration is started from 1998.

### Morbidity of Population Caused by Alcoholism, Drug Addiction and Toxicomania for 1995-2003

*(per 100 ths. population)*

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Number of registered patients with the diagnosis set for the first time, total	13.3	3.9	8.2	7.5	6.6	6.9	6.6	7.2	7.1
of which with diagnosis									
alcoholism psychosis	1.3	0.6	1.7	0.9	0.9	1.4	1.6	1.7	1.3
chronic alcoholism	10.7	2.9	5.5	6.3	5.3	5.1	4.6	5.1	5.3
drug addiction	1.1	0.4	0.8	0.3	0.3	0.2	0.3	0.2	0.5
toxicomania	0.2	-	0.1	-	0.1	0.2	0.1	0.1	0.0
Number of patients passing regular medical check-up at the end of year, total	124.7	123.8	120.9	120.8	107.3	106.0	107.1	125.4	119.9
of which with diagnosis									
alcoholism psychosis	3.5	4.6	4.8	4.5	4.7	4.6	5.0	4.8	4.2
chronic alcoholism	113.5	111.2	107.7	108.7	96.8	96.0	96.7	114.2	109.0
drug addiction	7.5	7.6	7.9	7.5	5.7	5.1	5.0	5.9	6.2
toxicomania	0.2	0.4	0.4	0.1	0.1	0.3	0.4	0.5	0.5

### Number of Cases of Injuries and Poisonings Registered in Disease Prevention Establishments for 1990-2003

(unit)

	Number of cases of registered injuries and poisonings		including by age groups			
	Total	Per 1000 population	0-14 years old		15 and over years old	
			Total	Per 1000 population	Total	Per 1000 population
1990	185252	52.1	122416	49.5	62836	58.0
1991	186102	51.5	118607	47.8	67495	61.2
1992	162261	44.0	104983	41.0	57278	50.9
1993	145635	39.0	92900	35.6	52735	47.0
1994	125694	33.5	83289	32.3	42405	36.4
1995	116300	30.9	78863	29.4	37437	34.8
1996	110796	29.4	75298	27.6	35498	33.8
1997	90887	24.0	60594	21.9	30293	29.8
1998	75991	20.0	49192	17.2	26799	27.2
1999	75048	19.7	48959	17.1	26089	27.6
2000	70948	18.7	47872	16.5	23076	25.7
2001	59501	15.7	40266	13.3	19235	22.7
2002	59537	18.5	42409	16.9	17128	24.3
2003	59757	18.6	43847	17.7	15910	21.6

### Morbidity of Population Caused by Mental Disorders with the Diagnosis Set for the First Time (Excepting Alcoholic Psychosis, Alcoholism, Drug Addiction and Toxicomania) for 1990-2003

(people)

	Number of patients with the diagnosis set for the first time		of which patients passing regular medical check-up		Number of patients under surveillance of disease prevention establishments at the end of year		of which patients passing regular medical check-up	
	Total	Per 100 ths. population	Total	Per 100 ths. population	Total	Per 100 ths. population	Total	Per 100 ths. population
1990	3118	87.6	1169	32.8	37116	1043.1	28878	811.6
1993	2329	62.4	1063	28.5	35967	963.8	32423	868.8
1995	1244	33.1	887	23.6	35280	936.7	31789	844.0
1996	1415	37.5	1078	28.6	35301	933.7	32052	847.8
1997	1304	34.4	1070	28.2	33127	873.8	30140	795.0
1998	1504	39.6	1179	31.0	31757	836.1	27950	735.9
1999	1515	39.9	1325	34.9	32385	851.5	27915	733.9
2000	1285	33.8	1170	30.8	32717	860.4	28181	741.1
2001	1311	34.5	1177	31.0	33288	876.0	28805	758.0
2002	1411	43.9	1220	38.0	34672	1080.0	29633	923.1
2003	1538	47.9	1399	43.6	36122	1124.5	30688	955.4



### Morbidity of Population Caused by Active Tuberculosis with the Diagnosis Set for the First Time for 1995-2003

(per 100 ths. population)

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Number of registered patients, total	21.6	24.0	27.6	37.4	37.7	33.8	35.3	43.4	44.7
of which with diagnosis of respiratory organs tuberculosis	20.0	22.0	25.6	34.8	34.4	31.3	32.7	40.1	41.1

### Morbidity of Population Caused by Active Tuberculosis for 1990-2003

(people)

	Number of patients with the diagnosis of active tuberculosis set for the first time registered in tuberculosis prophylactic centres		Number of patients passing regular medical check-up in tuberculosis prophylactic centres at the end of year	
	total	per 100 ths. population	total	per 100 ths. population
1990	590	16.6	3069	86.0
1991	724	20.0	3145	86.3
1992	584	15.8	3233	86.9
1993	590	15.8	3082	82.4
1994	730	19.5	3362	89.6
1995	811	21.6	3534	93.8
1996	904	24.0	3692	97.6
1997	1047	27.6	3909	103.1
1998	1420	37.4	4652	122.5
1999	1434	37.7	5280	138.8
2000	1284	33.8	5458	143.5
2001	1343	35.3	5786	152.3
2002	1393	43.4	6050	188.5
2003	1437	44.7	6068	188.9

### Morbidity of Population Caused by Malignant Neoplasms for 1990-2003

(people)

	Number of patients with the diagnosis of malignant neoplasms set for the first time registered in oncologic establishments		Number of patients passing regular medical check-up in oncologic establishments at the end of year	
	total	per 100 ths. population	total	per 100 ths. population
1990	5162	145.1	20929	588.5
1991	4905	135.7	21787	602.6
1992	4462	121.1	21584	585.6
1993	4586	122.9	21670	579.4
1994	4515	120.5	21709	578.4
1995	4705	125.2	21290	565.3
1996	4757	126.1	20721	548.1
1997	4709	124.4	20602	543.4
1998	5145	135.6	21605	568.8
1999	5415	142.5	22589	593.9
2000	5413	142.3	21972	577.8
2001	5666	149.1	23451	617.1
2002	5737	178.6	24384	759.6
2003	5951	185.3	25580	796.6

**Morbidity of Population Caused by Venereal Diseases with the Diagnosis Set for the First Time by Age Distribution for 1995-2003**

*(per 100 ths. population)*

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Number of patients with syphilis diagnosis									
female	12.9	18.7	16.6	15.8	11.6	7.1	5.2	4.4	4.4
male	10.8	16.0	16.2	10.2	11.5	6.7	6.5	3.9	4.1
including by age group									
0-14 years old									
girl	0.4	1.0	0.2	0.9	1.3	0.5	-	-	0.3
boy	1.1	0.4	0.2	1.8	1.7	0.9	0.5	0.3	-
15-17 years old									
female	7.1	7.0	8.0	3.6	1.8	-	2.6	2.1	-
male	2.9	0.9	2.7	0.9	1.7	3.4	0.8	-	-
18-39 years old									
female	29.2	42.8	38.4	37.9	25.7	16.0	11.3	9.5	7.8
male	24.1	36.4	35.9	22.0	23.8	12.9	11.2	7.3	6.5
40 years old and over									
female	6.4	8.6	7.8	6.2	6.1	3.9	2.9	3.0	4.3
male	5.8	9.4	10.4	5.8	7.3	4.8	6.8	3.8	5.3
Number of patients with syphilis under surveillance of disease prevention establishments	21.2	25.0	29.8	32.4	34.5	34.5	27.7	28.0	25.0
Number of registered patients with acute and chronic gonorrhoea diagnosis									
female	26.2	32.5	12.7	28.1	26.2	25.9	16.7	29.1	18.4
male	44.7	43.4	43.6	30.9	22.1	21.8	35.8	32.9	28.6
including by age group									
0-14 years old									
girl	0.6	1.0	1.3	-	-	0.7	0.2	-	-
boy	0.2	0.4	-	-	-	-	-	-	-
15-17 years old									
female	37.8	7.0	8.0	1.8	1.8	2.7	0.9	-	-
male	27.2	6.4	13.6	3.6	4.4	11.2	2.5	4.1	2.1
18-39 years old									
female	64.1	83.5	30.7	70.1	64.0	63.3	44.4	87.3	55.1
male	110.3	109.1	109.8	75.8	52.6	51.2	92.3	94.0	82.6
40 years old and over									
female	3.9	7.0	3.5	9.7	10.5	10.0	3.4	0.9	0.6
male	11.2	12.5	11.3	11.2	8.8	8.0	6.3	2.9	1.8

**Morbidity of Population Caused by Venereal Diseases for 1990-2003***(people)*

	Number of patients with the diagnosis set for the first time						Patients with syphilis diagnosis passing regular medical check-up at the end of year	
	all types of syphilis		acute gonorrhoea		chronic gonorrhoea			
	total	per 100 ths. population	total	per 100 ths. population	total	per 100 ths. population	total	per 100 ths. population
1990	125	3.5	876	24.6	177	5.0	515	14.5
1991	249	6.9	780	21.6	59	1.6	576	15.9
1992	263	7.1	442	12.0	48	1.3	710	19.3
1993	324	8.7	929	24.9	138	3.7	654	17.5
1994	418	11.2	1121	29.9	132	3.5	734	19.6
1995	448	11.9	1168	31.1	156	4.1	797	21.2
1996	657	17.4	1159	30.7	270	7.2	944	25.0
1997	621	16.4	796	21.0	254	6.7	1130	29.8
1998	497	13.1	910	24.0	205	5.4	1228	32.4
1999	440	11.6	731	19.2	191	5.0	1314	34.5
2000	262	6.9	668	17.6	242	6.4	1311	34.5
2001	221	5.8	743	19.6	244	6.4	1054	27.7
2002	134	4.2	741	23.1	252	7.8	899	28.0
2003	136	4.2	514	16.0	234	7.3	804	25.0

**Abortions for 1990-2003**

	Per 100 live births and still-births	Per 1000 women at fertile age	of which mini abortions
1990	32.2	28.7	2.4
1991	34.7	29.9	3.4
1992	39.3	29.5	2.2
1993	47.0	28.7	1.9
1994	59.4	31.3	1.2
1995	62.3	30.5	2.9
1996	64.6	30.5	2.0
1997	57.1	24.3	0.6
1998	46.1	17.4	0.7
1999	39.1	13.5	0.3
2000	34.0	10.9	0.3
2001	32.2	9.5	0.4
2002	30.1	10.7	0.4
2003	29.7	11.8	0.2

**Abortions by Age Distribution (without Mini Miscarriages) for 1998-2003**

	Number of abortions		including by age groups			
	total	of which women pregnant for the first time	under 15 years old	15-19 years old	20-34 years old	35 and over
1998	17537	911	-	781	12248	4508
1999	14059	791	-	749	9906	3404
2000	11458	778	1	678	7943	2836
2001	10033	728	10	1027	6767	2229
2002	9372	834	3	541	6561	2267
2003	10510	737	1	653	7349	2507

**Quantitative Distribution of Abortions by Types (without Mini Miscarriages) for 1998-2003**

	Total	including				
		spontaneous	permitted abortion	abortion by doctor's advice	criminal abortion	unspecified
1998	17537	5520	11784	204	11	18
1999	14059	4765	9017	245	7	25
2000	11458	3687	7549	192	-	30
2001	10033	2817	7041	166	1	8
2002	9372	2641	6440	279	1	11
2003	10510	2951	7186	361	-	12

**Number of Women Died After Abortion by Age Groups for 1997-2003**

	Total	including by age groups			
		under 15 years old	15-19 years old	20-34 years old	35 and over
1997	4	-	-	1	3
1998	1	-	-	1	-
1999	1	-	-	-	1
2000	3	-	-	2	1
2001	-	-	-	-	-
2002	1	-	-	1	-
2003	-	-	-	-	-

**Abortions by Age Distribution for 1995-2003**

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Number of abortions	30726	31323	25266	18286	14403	11769	10419	9767	10730
of which mini miscarriages	2910	2065	603	749	344	311	386	395	220
Number of abortions per 1000 women at fertile age (without mini miscarriages), by age									
15-19 years old	...	...	5.3	4.5	4.2	3.8	5.5	3.4	4.1
20-34 years old	...	...	38.9	27.9	22.7	18.1	15.3	17.8	18.0
35 and over years old	...	...	15.1	10.1	7.4	6.1	4.8	5.9	6.5
Number of abortions of women pregnant for the first time, ths.	0.6	0.7	0.9	0.9	0.8	0.8	0.7	0.8	0.7

**Obstetrics in Maternity Hospitals for 1990-2003**

	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003
Delivered births	80039	45445	45612	41976	38625	36187	35279	33009	33423	36909
of which										
normal	48392	24869	19875	19616	19339	17101	16885	16709	17000	19951
multiple	683	376	411	381	326	303	339	299	320	335

### Provision of Women with Contraceptives at the End of Year for 1990-2003

(people)

	Have IUD		Use of hormonal contraception		IUD users	
	total	per 1000 women at fertile age	total	per 1000 women at fertile age	total	per 1000 women at fertile age
1990	15474	16.9	813	0.9	6424	7.0
1995	9541	9.4	1207	1.2	2754	2.7
1996	9539	9.2	1783	2.7	3067	3.0
1997	10764	10.4	4930	4.7	2911	2.8
1998	20084	19.1	15360	14.6	6229	5.9
1999	17326	16.1	16051	14.9	6233	5.8
2000	16790	15.4	37726	34.7	7280	6.7
2001	12397	11.3	24397	22.3	5689	5.2
2002	11428	12.5	12083	13.2	4152	4.5
2003	10600	11.6	4835	5.3	4098	4.5

### Number of Population Passed Prophylactic Examination for 1995-2003

		1995	1996	1997	1998	1999	2000	2001	2002	2003
Examined, ths. people	adults	66.5	113.8	82.8	77.0	85.5	70.0	69.4	94.0	95.6
	teenagers (15-17 years old)	109.4	125.5	108.7	99.0	102.5	90.7	87.6	84.7	92.6
	children (0-14 years old)	831.9	885.0	754.8	728.3	724.2	693.8	677.8	642.1	621.1
In % out of people liable to examination	adults	75.7	82.5	83.1	83.6	85.5	79.6	82.4	88.1	86.8
	teenagers (15-17 years old)	86.7	88.7	86.5	82.8	80.7	75.6	70.3	84.4	71.5
	children (0-14 years old)	82.0	89.5	78.3	77.5	79.2	79.9	81.7	65.9	86.3

### Results of Prophylactic Examination of Children at the Age from 0-14 for 1995-2003

		1995	1996	1997	1998	1999	2000	2001	2002	2003
Number of children examined, person		831875	885049	754837	728267	724227	693822	677790	642057	621138
of which detected with										
impaired hearing	total	1683	1661	1334	1257	1316	1226	1223	1104	1118
	as % of number of children examined	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
impaired vision	total	11874	11198	9841	8416	8454	9286	8691	8990	8775
	as % of number of children examined	1.4	1.3	1.3	1.2	1.2	1.3	1.3	1.4	1.4
dysphrasia	total	5014	4546	3584	3683	3065	3527	3257	3241	3060
	as % of number of children examined	0.6	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5
scoliosis	total	555	386	313	250	253	248	249	284	280
	as % of number of children examined	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
disturbance of bearing	total	10327	8949	7199	5499	5412	4944	4872	5023	4423
	as % of number of children examined	1.2	1.0	0.9	0.8	0.8	0.7	0.7	0.8	0.7

## Coverage of the Children Vaccinated for 1990-2003

(%)

	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Poliomyelitis *	91.9	91.9	92.0	93.0	97.0	97.0	96.4	96.7	96.2	96.8	95.8	93.8
Diphtheritis, Tetanus*	85.3	85.3	86.0	98.0	86.0	88.1	90.3	91.1	93.3	94.5	93.4	93.8
Whooping cough*	80.4	82.1	83.0	87.0	85.0	86.9	82.4	89.6	92.2	93.7	91.3	93.8
Measles**	95.2	95.2	95.0	96.0	89.0	91.5	93.5	91.1	91.6	95.6	78.3	93.8
Parotitis**	85.9	81.1	78.1	5.0	-	-	-	-	-	-	-	-
Tuberculosis*	83.5	83.5	83.0	84.0	82.0	72.3	94.9	93.6	96.8	96.4	97.1	92.1

\* children under 1 year old.

\*\* children under 2 years old.

## Number of Physicians by Marzes for 1995-2003

(per 10 000 population)

	1995	1996	1997	1998	1999	2000	2001	2002	2003
RA total	33.6	34.0	34.4	34.3	33.2	32.3	30.3	35.8	36.5
of which in the system of the RA Ministry of Health									
Yerevan city	65.6	67.7	67.8	67.7	65.4	63.3	60.5	70.4	72.5
Aragatsotn	14.9	14.6	13.8	14.5	14.0	13.8	13.0	16.0	16.0
Ararat	15.6	15.2	15.3	15.1	15.2	14.8	13.8	14.8	15.0
Armavir	16.1	16.3	14.5	14.4	15.1	14.1	13.6	15.0	14.7
Gegharkunik	12.8	12.7	13.7	12.9	12.9	12.7	11.8	12.9	12.7
Lori	17.9	17.1	16.6	17.2	16.5	15.5	15.2	18.9	17.5
Kotayk	14.8	15.5	16.1	15.4	15.9	15.3	14.8	17.1	16.8
Shirak	19.1	17.8	18.1	17.9	17.0	16.8	16.9	19.5	19.9
Syunik	20.4	20.5	21.3	19.9	19.1	18.6	18.2	19.6	17.8
Vayots Dzor	12.9	13.3	13.5	13.9	13.4	13.7	14.4	16.8	18.1
Tavush	17.8	17.6	18.7	18.1	18.2	16.7	16.2	17.3	17.2

## Provision of Population with Physicians by Separate Specialties for 1997-2003

(per 10 000 population)

	1997	1998	1999	2000	2001	2002	2003
Number of physicians, total	34.4	34.3	33.2	32.2	30.3	35.8	36.5
including							
theraputists	8.5	8.8	8.5	8.3	8.0	9.3	9.1
surgeons	4.1	4.3	4.2	3.9	3.7	4.6	4.6
midwives-gynaecologists *	4.3	4.4	4.4	4.3	4.1	4.9	5.1
paediatrician **	16.4	16.7	17.6	17.8	17.8	20.4	18.7
ophthalmologists	0.7	0.7	0.7	0.7	0.7	0.9	0.9
otholaringologists	0.7	0.7	0.7	0.7	0.6	0.8	0.8
neuropathologists	1.0	1.0	0.9	0.8	0.8	0.9	1.0
psychiatrists	0.5	0.5	0.4	0.4	0.4	0.5	0.5
phthisiatricians	0.2	0.2	0.2	0.2	0.3	0.3	0.3
deratologists- venereologists	0.4	0.5	0.4	0.4	0.4	0.5	0.5
rontgenologists and radiologist	0.6	0.6	0.7	0.6	0.6	0.9	0.7
physicians of medical physical culture	0.1	0.1	0.1	0.1	0.0	0.0	0.1
physicians sanitary-antiepidemic group	1.7	1.6	1.7	1.7	1.6	2.0	1.9
stomatologists	2.8	2.8	2.7	2.5	1.8	1.9	2.5
dentists	0.3	0.3	0.3	0.2	0.2	0.2	0.2

\* per 10000 women.

\*\* per 100000 children at the age of 14.

**Provision of the Population with Paramedical Personnel by Separate Specialties for 1995-2003***(per 10 000 population)*

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Paramedical personnel, total	83.2	77.6	70.0	68.0	64.9	59.5	53.8	60.0	57.2
of which - in the system of the RA Health Ministry									
doctor's assistants	7.0	5.9	3.4	1.5	1.1	1.2	0.8	1.1	0.9
midwives*	17.0	16.2	23.7	20.2	18.4	17.1	15.8	17.8	17.1
nurses	51.6	50.8	48.2	47.7	46.4	41.9	38.7	43.0	41.4
radiologists-laboratory assistants	0.8	1.0	1.0	1.1	1.0	1.0	0.9	1.1	1.0
doctor's assistants- laboratory assistants	4.4	4.5	4.6	4.7	4.9	4.5	4.1	4.8	4.6

\* per 10000 women

**Number of Paramedical Personnel by Marzes for 1995-2003***(per 10000 population)*

	1995	1996	1997	1998	1999	2000	2001	2002	2003
RA, total	83.2	77.6	70.0	68.0	64.9	59.5	53.8	60.0	57.2
of which - in the system of the RA Health Ministry									
Yerevan city	105.2	96.3	87.4	84.1	79.8	73.3	67.8	75.6	73.6
Aragatsotn	65.2	59.9	55.2	55.2	52.8	50.6	44.9	52.3	51.9
Ararat	65.0	61.7	50.6	48.9	48.3	42.7	38.6	41.1	37.0
Armavir	56.5	52.7	45.8	44.4	44.5	41.2	38.4	43.0	40.6
Gegharkunik	71.1	70.1	67.6	54.0	56.5	50.7	42.8	48.2	47.5
Lori	74.6	70.3	59.2	59.7	55.6	45.7	41.8	45.9	40.6
Kotayk	49.7	49.9	46.2	44.8	43.4	42.2	37.8	42.5	41.7
Shirak	82.3	76.0	71.7	67.7	64.4	60.9	58.7	68.3	62.8
Syunik	91.7	89.6	75.2	72.8	72.7	66.8	59.5	54.3	47.3
Vayots Dzor	69.9	61.4	52.2	56.7	53.3	50.9	48.7	53.8	47.7
Tavush	71.5	71.6	60.6	60.7	58.4	52.9	49.8	50.0	48.9

**Number of Hospitals by Marzes for 1995-2003***(units)*

	1995	1996	1997	1998	1999	2000	2001	2002	2003
RA, total	183	173	178	179	174	146	142	135	137
of which - in the system of the RA Health Ministry									
Yerevan city	49	47	46	46	46	43	44	45	44
Aragatsotn	6	5	5	5	5	5	5	5	6
Ararat	6	6	10	10	9	8	8	8	8
Armavir	11	10	11	11	11	7	6	6	6
Gegharkunik	12	12	11	8	8	8	8	8	8
Lori	24	23	24	24	24	18	18	14	14
Kotayk	7	7	7	7	7	7	7	7	7
Shirak	25	23	24	24	24	21	21	19	19
Syunik	17	17	15	15	15	12	10	9	9
Vayots Dzor	6	6	6	6	6	3	3	3	3
Tavush	11	10	10	11	11	7	7	7	7

**Provision of Population with Hospital Beds by Specializations for 1995-2003***(per 10 000 population)*

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total hospital beds	76.2	71.1	67.4	66.5	62.0	54.7	42.5	43.5	44.2
including									
therapeutic	15.2	15.1	13.9	13.6	12.0	10.0	7.5	7.1	7.3
surgical	14.0	13.4	12.7	12.8	12.1	10.8	8.2	8.7	9.1
oncologic	1.9	1.8	1.8	1.8	1.8	1.7	1.6	1.7	1.7
gynaecologic*	7.5	7.4	6.9	6.9	6.5	6.1	4.4	4.2	4.5
tubercular	1.6	1.7	1.9	1.8	1.7	1.7	1.3	1.7	1.7
infectious	4.5	4.3	4.3	4.3	3.3	3.1	2.3	2.7	2.7
ophthalmologic	1.2	1.2	1.1	1.1	1.1	1.0	0.9	0.9	0.8
otholaringologic	1.7	1.5	1.2	1.2	1.2	1.0	0.7	0.7	0.7
dermatologic-venereologic	1.0	0.9	0.9	0.9	0.9	0.8	0.4	0.4	0.4
psychiatric	5.5	4.8	4.9	4.8	4.7	4.0	3.9	3.8	4.2
narcological	0.8	0.7	0.8	0.8	0.3	0.3	0.2	0.2	0.2
neurological	3.5	3.5	2.9	3.2	2.8	2.2	1.7	1.5	1.1
for pregnant women and women in childbirth**	31.5	28.7	26.5	25.5	23.2	21.2	16.5	18.5	18.5

\* per 10000 women

\*\* per 10000 women at fertile age

**Number of Hospital Beds by Marzes for 1995-2003***(per 10 000 population)*

	1995	1996	1997	1998	1999	2000	2001	2002	2003
RA, total	76.2	71.1	67.4	66.5	62.0	54.7	42.5	43.5	44.2
of which - in the system of the RA Health Ministry									
Yerevan city	103.0	98.3	96.1	93.0	86.3	78.3	71.7	66.1	66.2
Aragatsotn	51.7	49.4	41.7	41.4	41.2	41.1	25.3	32.9	33.7
Ararat	46.3	45.6	42.7	42.6	41.9	38.4	22.5	25.7	27.1
Armavir	41.6	39.9	36.8	37.3	35.7	31.2	19.6	22.8	22.8
Gegharkunik	64.1	77.0	57.0	34.4	27.2	19.1	17.2	20.1	21.1
Lori	60.5	59.5	55.5	55.4	55.5	42.1	25.2	30.5	29.2
Kotayk	36.2	28.7	27.5	22.7	22.5	20.4	14.5	17.4	17.4
Shirak	65.5	54.3	52.6	54.2	50.4	45.8	30.2	31.8	35.0
Syunik	86.4	86.4	64.4	65.4	66.2	65.2	50.6	46.5	48.0
Vayots Dzor	65.4	63.4	63.1	63.0	64.3	58.4	38.2	33.1	32.3
Tavush	60.2	56.6	49.4	51.2	51.1	45.7	25.9	28.3	28.7

**Number of Beds per Sick Children for 1995-2003***(units)*

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	3751	3667	3371	3295	3265	3039	2374	1793	1780
per 10 000 children	35.3	35.4	33.6	34.1	35.4	34.8	28.8	26.0	24.1

**Activity of Hospitals for 1995-2003**

	1995	1996	1997	1998	1999	2000	2001	2002	2003	
Number of beds, units	28711	26893	25560	25275	23574	20795	16157	13968	14208	
Patients admitted, person	total	281309	284493	251596	235358	220634	186828	192007	197365	220561
	per 100 population	7.5	7.5	6.6	6.2	5.8	4.9	5.0	6.1	6.9



		1995	1996	1997	1998	1999	2000	2001	2002	2003
Average duration of treatment per patient, day		15.2	14.5	13.9	12.8	12.8	12.7	11.7	10.9	10.5
Patients discharged (discharged and dead), person	adults and teenagers	227828	230511	203026	184845	175136	154920	151890	161739	181090
	per 1000 population	84.8	84.6	73.4	65.8	61.3	53.3	51.4	64.6	73.2
	children from 0-14 years old	53861	56421	51527	51952	46406	38098	34024	34570	35592
	per 1000 population	50.1	53.8	50.5	52.7	49.2	42.5	40.1	49.0	48.2

### Main Indicators on Ambulance Service Activity for 1990-2003

		1990	1995	1996	1997	1998	1999	2000	2001	2002	2003
Number of ambulance rooms		44	45	45	45	40	45	46	45	47	46
Number of physicians, per 100 000 population		13.3	7.9	7.7	7.6	7.7	8.1	7.3	7.8	7.7	7.9
Number of teams	general profile	431	440	362	355	226	277	258	145	161	188
	specialized	96	116	108	100	84	68	56	15	15	15
	medical attendant's	339	279	273	203	186	199	178	142	125	152
Number of persons served through the ambulance services, per 1000 population		226.8	86.8	88.9	89.7	91.5	104.1	87.1	71.2	87.3	96.0
Emergency hospitals	number	1	2	2	2	2	2	2	2	2	2
	number of beds	750	1065	1065	1065	1065	990	885	760	600	600
	number of admitted patients, per 1000 population	8.2	3.4	3.4	3.3	2.8	2.7	2.3	2.8	3.2	3.7
Urgent and planned consultative departments	number	1	2	2	2	2	2	2	2	2	1
	number of persons served	13274	225	251	73	214	181	403	311	123	7

### Main Indicators on Activity of the Stomatological Establishments for 1990-2003

		1990	1995	1996	1997	1998	1999	2000	2001	2002	2003
Separated stomatological establishments	for adults	23	29	33	35	33	31	31	25	22	28
	for children	10	10	10	10	11	11	10	9	7	9
Number of patient care establishments having stomatological departments		251	209	202	192	180	192	192	166	146	136
Number of prosthetic dentistry departments (offices) operating in the patient care establishments		50	37	42	44	44	42	35	32	34	36

### Number of Outpatient Medical Establishments by Marzes for 1995-2003

(per 10 000 population)

	1995	1996	1997	1998	1999	2000	2001	2002	2003
RA, total	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.4	1.4
of which - in the system of the RA Health Ministry									
Yerevan city	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.7	0.7
Aragatsotn	1.9	1.5	1.4	1.6	1.6	1.5	1.6	1.9	1.9
Ararat	1.8	1.9	1.9	2.0	2.0	2.0	1.9	2.2	2.2
Armavir	2.1	2.1	1.9	2.0	2.0	2.0	1.7	2.1	2.1
Gegharkunik	1.3	1.5	1.4	1.4	1.5	1.4	1.3	1.4	1.5
Lori	1.5	1.5	1.4	1.4	1.4	1.5	1.4	1.7	1.7
Kotayk	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5
Shirak	1.1	1.2	1.1	1.1	1.1	1.0	1.1	1.3	1.3
Syunik	2.0	2.0	2.2	2.1	2.3	2.3	2.1	2.2	1.9
Vayots Dzor	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.4	1.4
Tavush	1.6	1.7	1.7	1.6	1.5	1.5	1.6	1.7	1.7

### Quantitative Distribution of the Outpatient Medical Establishments in the System of the RA Ministry of Health by Types for 1995-2003

	1995	1996	1997	1998	1999	2000	2001	2002	2003
Polyclinics included in the structure of hospitals	138	108	75	83	97	73	71	68	68
Independent outpatient establishments	279	305	338	332	330	357	327	325	322
including									
polyclinics	39	50	80	77	77	78	77	74	75
clinics	227	229	213	212	213	237	228	238	234
of which rural	218	226	207	206	207	231	224	234	230
children's polyclinics	10	22	38	37	35	35	17	8	8
women's consultations	-	1	4	4	2	3	1	1	1
other	3	3	3	2	3	4	4	4	4
Dispensaries	31	26	26	27	26	25	23	22	22
Independent stomatological polyclinics	39	43	45	44	42	41	34	29	37
including									
adults'	29	33	35	33	31	31	25	22	28
children's	10	10	10	11	11	10	9	7	9
Medical centers	14	17	4	1	2	1	1	-	-
Total	501	499	488	487	497	497	456	444	449

### Foreseen Power of Out-patient Establishments and Annual Attendances for 1990-2003

	Sum power	Annual attendances per capita
1990	45655	7.8
1993	46834	5.5
1994	46596	5.0
1995	45767	4.8
1996	46163	4.6
1997	45561	3.2
1998	44569	2.4
1999	43366	2.3
2000	42890	2.1
2001	39347	1.8
2002	38506	1.9
2003	38505	2.0

**Activity of Out-patient Establishments within the System of the RA Health Ministry  
for 1990-2003**

	Number of attendances per 1000 population	of which	
		Out-patient admissions	Doctor's home visits
1990	7945.9	7003.8	688.4
1993	5529.4	4975.1	422.0
1994	5042.3	4608.0	337.3
1995	4827.3	4356.8	372.2
1996	4627.9	4206.5	322.2
1997	3233.1	2848.2	289.3
1998	2380.2	2075.8	210.1
1999	2313.6	1985.4	220.7
2000	2052.0	1768.5	193.9
2001	1753.8	1516.8	162.9
2002	1944.9	1677.8	176.6
2003	1943.8	1732.1	231.9

**Number of Visits to Out-patient Establishments per Capita, by Marzes for 1995-2003**

*(thousand people)*

	1995	1996	1997	1998	1999	2000	2001	2002	2003
RA, total	4.8	4.6	3.2	2.4	2.3	2.1	1.8	1.9	2.0
of which - in the system of the RA Health Ministry									
Yerevan city	6.7	6.1	4.1	2.8	2.7	2.4	2.1	2.1	2.3
Aragatsotn	3.6	2.9	1.9	1.6	1.7	1.2	1.1	1.5	1.7
Ararat	3.2	3.2	2.5	2.0	1.8	1.5	1.4	1.7	1.8
Armavir	3.6	3.6	2.8	2.7	2.0	1.7	1.5	1.6	1.6
Gegharkunik	4.4	4.4	3.1	2.2	2.5	2.3	1.8	1.8	1.8
Lori	3.7	3.9	2.9	2.2	2.0	1.8	1.5	1.8	1.8
Kotayk	2.9	3.0	2.3	1.8	1.6	1.4	1.3	1.6	1.7
Shirak	5.4	5.2	3.4	2.8	2.7	2.2	1.8	2.1	1.9
Syunik	4.3	4.6	2.9	2.5	2.7	2.3	2.4	2.8	3.0
Vayots Dzor	4.9	4.3	2.7	2.0	2.5	2.4	2.1	2.3	2.3
Tavush	2.8	3.2	2.7	2.0	2.0	1.8	1.7	2.0	2.1