

**MINISTRY OF HEALTH
NATIONAL CENTER OF HEALTH INFORMATICS**



PUBLIC HEALTH STATISTICS

■ Annual

■ Bulgaria, 2003



Sofia, 2004



CONTENTS

I. POPULATION AND VITAL STATISTICS

1. Population on 31.XII.	5
2. Population by age on 31.XII.2003	6
3. Age structure of the population	7
4. Live births, deaths and natural growth	8
5. Births and abortions	10
6. Age specific fertility rates	10
7. Infant mortality	11
8. Perinatal, neonatal and postneonatal infant mortality	11
9. Stillbirths and infant deaths under 1 year	14
10. Mortality by age groups	15
11. Life expectancy in Republic of Bulgaria	15

II. MORBIDITY AND MORTALITY BY CAUSES

1. Registered cases of diseases in health facilities by age	16
2. Registered cases of diseases in health facilities in 2003 by classes of diseases	17
3. Registered cases of certain infectious diseases subject to obligatory reporting	19
4. Registered cases of active tuberculosis	20
5. Registered cases of malignant neoplasms	21
6. Registered cases of some venereal and skin infections	23
7. Patients under dispensary observation of psychiatric facilities, wards and consultations on 31.12. and by type of disease	23
8. Patients discharged from hospitals by age	24
9. Patients discharged from hospitals by classes of diseases in 2003	25
10. Primary disability	26
11. Disabled persons by class of disease and loss of capacity in 2003	27
12. Mortality by causes in 2003	28

III. HEALTH FACILITIES

1. Health facilities and hospital beds in 2003	30
2. Beds in hospitals on 31.XII.2003 by type	31

IV. HEALTH PERSONNEL

- 1. Medical personnel 32
- 2. Physicians by specialty 34

V. ACTIVITIES OF THE HEALTH FACILITIES

- 1. Activities of the inpatient wards of the hospital health care facilities in 2003 35
- 2. Utilization, turnover and average length of stay in health care facilities in 2003 by type of beds 37
- 3. Induced abortions in health facilities during 2003 by age group and type of abortion 38
- 4. Induced abortions in health facilities 39
- 5. Registered calls and persons served by the centers for urgent medical care 39
- 6. Number and type of surgeries of patients, discharged from hospitals in 2003 40

VI. ECONOMICAL INDICATORS OF THE HEALTH FACILITIES 41

VII. REVIEW BY REGIONS

- 1. Population on 31.XII.2003 42
- 2. Live births in 2003 44
- 3. Deaths in 2003 45
- 4. Natural growth of population in 2003 46
- 5. Infant mortality in 2003 47
- 6. Number of beds on 31.XII.2003 48
- 7. Medical personnel in health facilities in 2003 49

VIII. INTERNATIONAL REVIEW

- 1. Birth rate, death rate and natural growth 51
- 2. Infant mortality rate 52
- 3. Medical personnel and hospital beds 53

I. POPULATION AND VITAL STATISTICS

1. Population on 31.XII.

<i>Year</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Urban</i>	<i>Rural</i>
Number (thous.)					
1946	7029.3	3516.7	3512.6	1735.2	5294.1
1956	7613.7	3799.4	3814.3	2556.1	5057.6
1960	7905.5	3946.9	3958.6	3005.0	4900.5
1970	8514.9	4256.6	4258.3	4509.8	4005.1
1980	8876.6	4421.7	4454.9	5546.0	3330.6
1990	8669.3	4270.0	4399.3	5817.9	2851.4
1995	8384.7	4103.4	4281.3	5688.4	2696.3
2000	8149.5	3967.4	4182.1	5576.9	2572.6
2001	7891.1	3841.2	4049.9	5473.0	2418.1
2002	7845.9	3816.2	4029.7	5461.3	2384.6
2003	7801.3	3790.9	4010.4	5441.7	2359.6
Percentage – %					
1946	100.0	50.0	50.0	24.7	75.3
1956	100.0	49.9	50.1	33.6	66.4
1960	100.0	49.9	50.1	38.0	62.0
1970	100.0	50.0	50.0	53.0	47.0
1980	100.0	49.8	50.2	62.5	37.5
1990	100.0	49.3	50.7	67.1	32.9
1995	100.0	48.9	51.1	67.8	32.2
2000	100.0	48.7	51.3	68.4	31.6
2001	100.0	48.7	51.3	69.4	30.6
2002	100.0	48.6	51.4	69.6	30.4
2003	100.0	48.6	51.4	69.8	30.2

2. Population by Age on 31.XII.2003

<i>Age</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Urban</i>	<i>Rural</i>
Total	7801273	3790840	4010433	5441727	2359546
0-4	333175	171347	161828	236368	96807
5-9	325966	167117	158849	225718	100248
10-14	446620	229367	217253	314912	131708
15-19	525478	269441	256037	394966	130512
20-24	551656	283401	268255	423027	128629
25-29	589137	301053	288084	451589	137548
30-34	556481	283140	273341	417856	138625
35-39	515055	259804	255251	382923	132132
40-44	536469	268497	267972	400712	135757
45-49	553282	272669	280613	412051	141231
50-54	571169	276865	294304	417063	154106
55-59	529110	250845	278265	363263	165847
60-64	433945	199297	234648	265073	168872
65-69	422743	187745	234998	239338	183405
70 +	910987	370252	540735	496868	414119

3. Age¹⁾ Structure of the Population

(percentage)

Year	Total	Age groups		
		0-17	18-59	60+
Total				
1970	100.0	22.7	62.4	14.9
1980	100.0	22.1	62.0	15.9
1990	100.0	20.1	60.3	19.6
1995	100.0	17.7	61.0	21.3
2000	100.0	19.5	58.7	21.8
2001	100.0	19.0	58.6	22.4
2002	100.0	18.6	58.9	22.5
2003	100.0	18.2	59.1	22.7
Urban				
1970	100.0	21.7	68.0	10.3
1980	100.0	22.9	66.0	11.1
1990	100.0	21.2	63.8	15.0
1995	100.0	18.2	65.1	16.7
2000	100.0	20.0	62.8	17.2
2001	100.0	19.6	62.4	18.0
2002	100.0	19.0	62.8	18.2
2003	100.0	18.5	63.1	18.4
Rural				
1970	100.0	23.8	56.0	20.2
1980	100.0	20.8	55.4	23.8
1990	100.0	17.9	53.1	29.0
1995	100.0	16.5	52.3	31.2
2000	100.0	18.6	49.6	31.8
2001	100.0	17.7	50.0	32.3
2002	100.0	17.6	50.0	32.4
2003	100.0	17.5	50.0	32.5

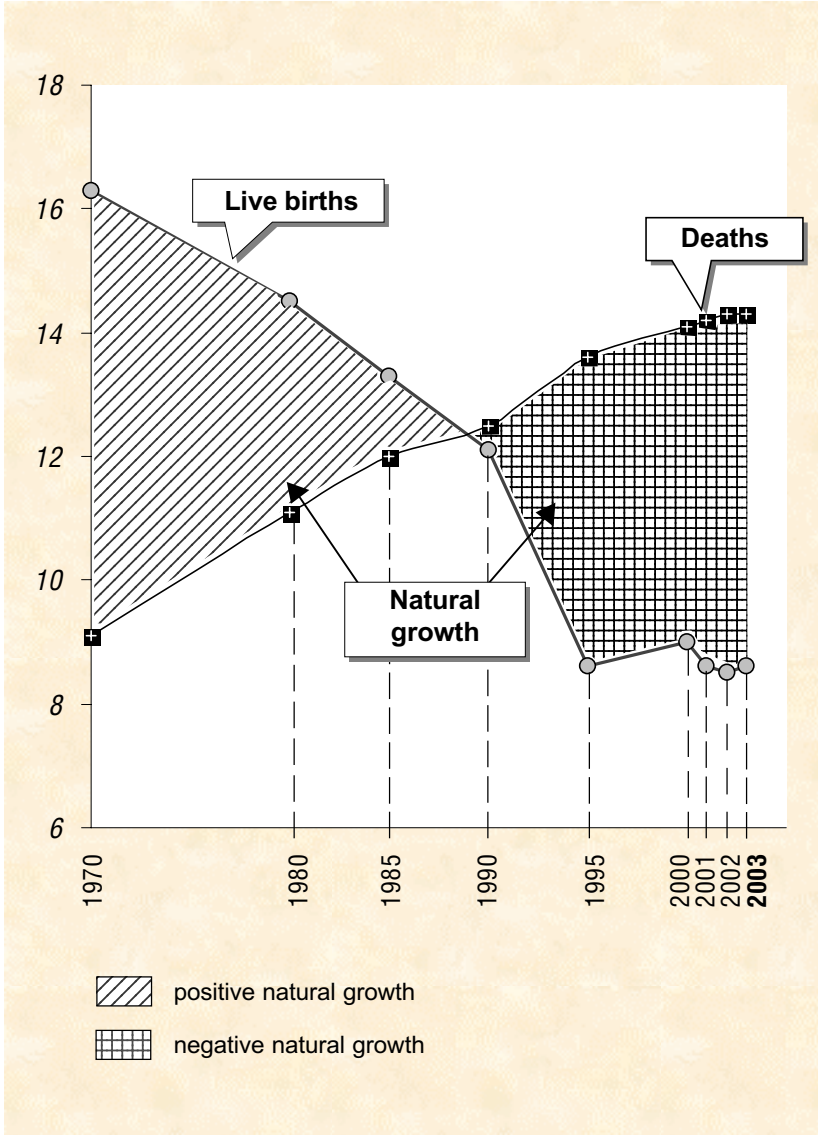
¹⁾ Till 1996 age groups are: 0-14, 15-59 and 60+ years.

4. Live Births, Deaths and Natural Growth

Year	Live births	Deaths	Natural growth	Live births	Deaths	Natural growth
	Number			Per 1000 population		
Total						
1970	138745	77095	61650	16.3	9.1	7.2
1980	128190	97950	30240	14.5	11.1	3.4
1990	105180	108608	-3428	12.1	12.5	-0.4
1995	71967	114670	-42703	8.6	13.6	-5.0
2000	73679	115087	-41408	9.0	14.1	-5.1
2001	68180	112368	-44188	8.6	14.2	-5.6
2002	66499	112617	-46118	8.5	14.3	-5.8
2003	67359	111927	-44568	8.6	14.3	-5.7
Urban						
1970	79809	30957	48852	18.0	7.0	11.0
1980	86664	45153	41511	15.7	8.2	7.5
1990	73940	55225	18715	12.6	9.4	3.2
1995	50405	60767	-10362	8.8	10.7	-1.9
2000	52789	64184	-11395	9.5	11.5	-2.0
2001	48567	62778	-14211	8.9	11.5	-2.6
2002	47779	63765	-15986	8.7	11.7	-3.0
2003	48597	64495	-15898	8.9	11.8	-2.9
Rural						
1970	58936	46138	12798	14.6	11.4	3.2
1980	41526	52797	-11271	12.4	15.7	-3.3
1990	31240	53383	-22143	10.9	18.6	-7.7
1995	21562	53903	-32341	8.0	19.9	-11.9
2000	20890	50903	-30013	8.1	19.6	-11.5
2001	19613	49590	-29977	8.1	20.4	-12.3
2002	18720	48852	-30132	7.8	20.3	-12.5
2003	18762	47432	-28680	7.9	20.1	-12.2

Live Births, Deaths and Natural Growth

(per 1000 population)



5. Births and Abortions

<i>Year</i>	<i>Births</i>	<i>Abortions</i>	<i>Births</i>	<i>Abortions</i>
	Number		Per 1000 women at 15–49	
1980	129176	156056	60.4	72.9
1990	105821	144644	49.2	67.2
1995	72425	97092	35.2	47.2
2000	74234	61378	37.0	30.6
2001	68680	51165	35.9	26.8
2002	67038	50824	35.2	26.7
2003	67908	48035	35.9	25.4

6. Age Specific Fertility Rates

(per 1000 women at 15–49)

<i>Age</i>	<i>1980</i>	<i>1990</i>	<i>1995</i>	<i>2000</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>
Total	59.8	48.9	35.0	36.7	35.7	34.9	35.6
15–19	80.3	68.3	53.5	45.5	43.1	40.3	39.1
20–24	192.8	158.4	100.6	89.7	86.7	82.2	80.4
25–29	92.8	78.3	61.8	72.9	72.5	73.2	75.3
30–34	32.2	28.8	22.4	32.3	33.0	34.0	37.2
35–39	9.7	9.4	7.5	9.5	9.9	9.8	11.2
40–44	2.1	1.8	1.5	1.9	1.8	1.7	1.8
45–49	0.1	0.1	0.1	0.1	0.1	0.1	0.1

7. Infant Mortality

<i>Year</i>	<i>Total</i>	<i>Urban</i>	<i>Rural</i>
Number			
1970	3788	1811	1977
1980	2594	1560	1034
1990	1554	1020	534
1995	1065	705	360
1997	1123	719	404
2000	981	657	324
2001	982	625	357
2002	887	571	316
2003	831	522	309
Per 1000 live births			
1970	27.3	22.7	33.5
1980	20.2	18.0	24.9
1990	14.8	13.8	17.1
1995	14.8	14.0	16.7
1997	17.5	15.7	22.0
2000	13.3	12.4	15.5
2001	14.4	12.9	18.2
2002	13.3	12.0	16.9
2003	12.3	10.7	16.5

8. Perinatal, Neonatal and Postneonatal Infant Mortality

(per 1000 live births)

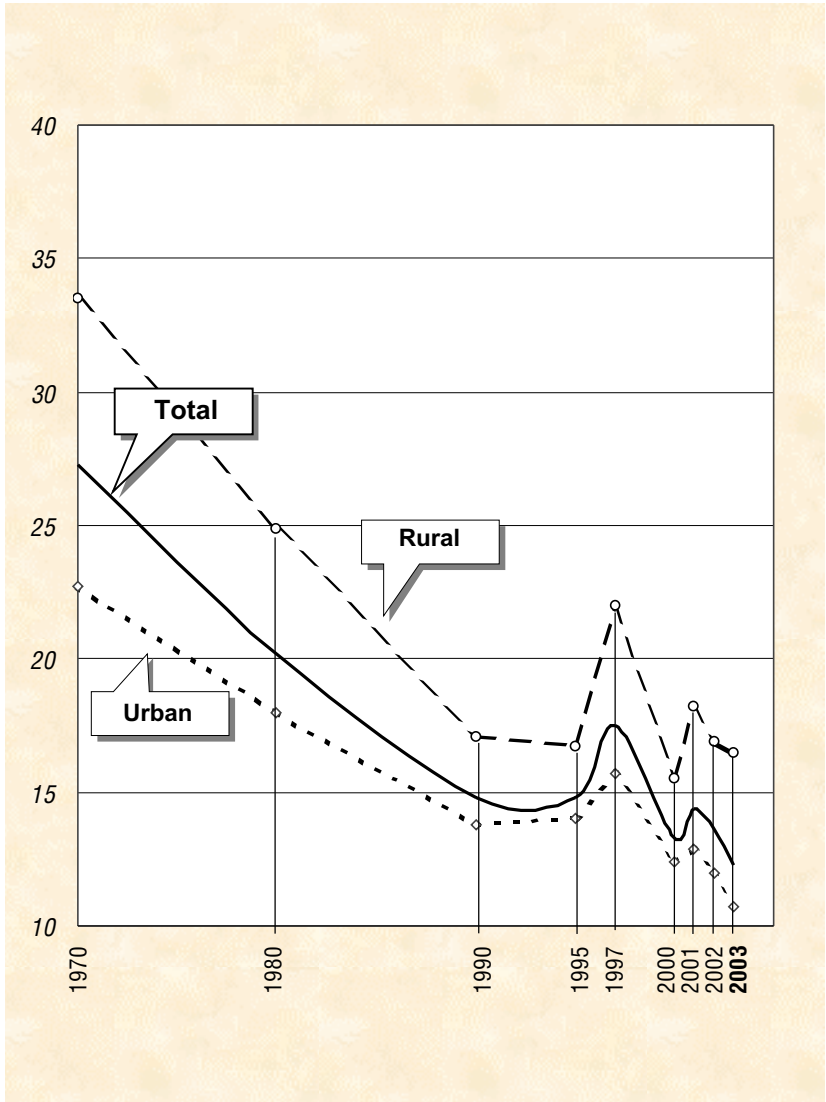
	<i>1980</i>	<i>1990</i>	<i>1995</i>	<i>2000</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>
Perinatal ¹⁾	15.0	11.1	11.8	12.2	12.3	12.6	12.5
Neonatal	10.4	7.7	7.8	7.5	7.8	7.3	6.8
Postneonatal ²⁾	10.0	7.1	7.1	5.9	6.7	6.1	5.5

¹⁾ Per 1000 births.

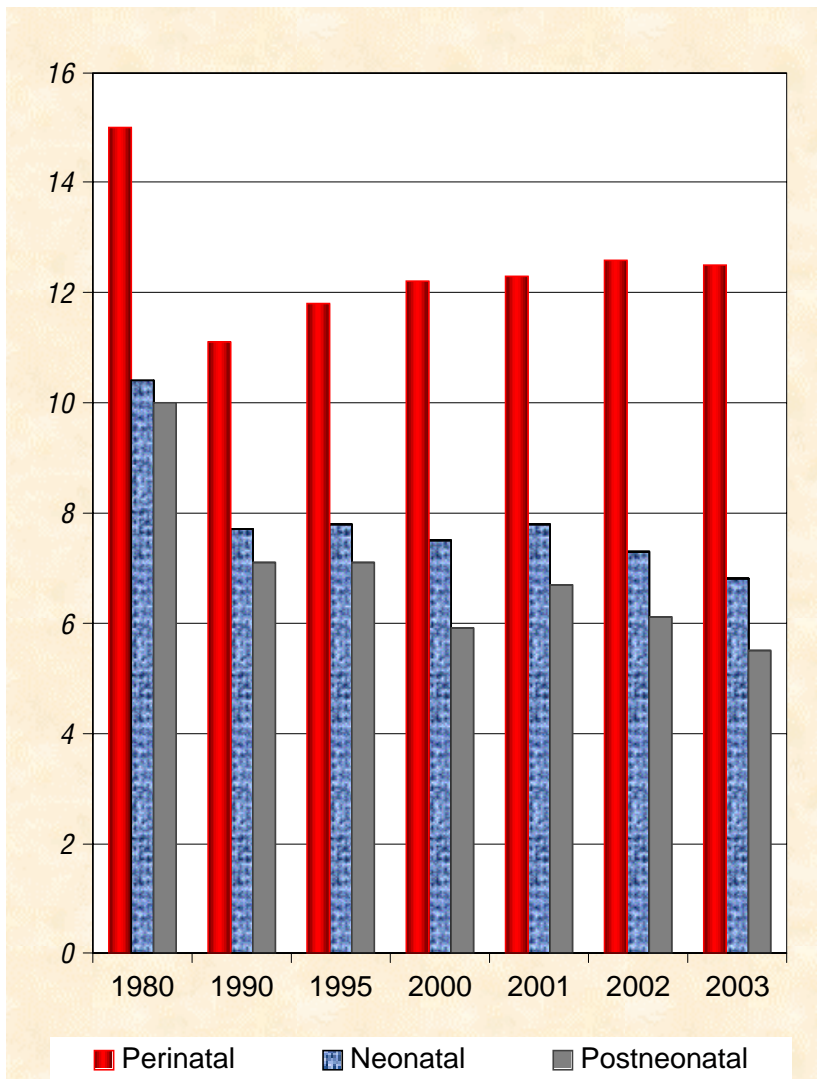
²⁾ Per 1000 live births excl. deaths before 28th day.

Infant Mortality

(per 1000 live births)



Perinatal, Neonatal and Postneonatal Infant Mortality



9. Stillbirths and Infant Deaths Under 1 Year

(number)

Year	Stillbirths	Infant deaths under 1 year			
		Total	Incl:		
			0-6 days	7-27 days	28+ days
Total					
1970	1382	3788	1259	569	1960
1980	986	2594	957	372	1265
1990	641	1554	533	278	743
1995	458	1065	397	162	506
2000	555	981	348	201	432
2001	500	982	346	184	452
2002	539	887	304	182	401
2003	549	831	297	163	371
Urban					
1970	792	1811	773	264	774
1980	606	1560	640	245	675
1990	449	1020	357	208	455
1995	299	705	282	107	316
2000	365	657	237	141	279
2001	322	625	243	111	271
2002	323	571	205	129	237
2003	348	522	181	113	228
Rural					
1970	590	1977	486	305	1186
1980	380	1034	317	127	590
1990	192	534	176	70	288
1995	159	360	115	55	190
2000	190	324	111	60	153
2001	178	357	103	73	181
2002	216	316	99	53	164
2003	201	309	116	50	143

10. Mortality by Age Groups

(per 1000 population of the same age group)

Year	Total	Age groups								
		*under 1 year	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70+
1970	9.1	27.3	0.8	0.6	1.0	1.5	3.2	8.1	22.4	84.2
1980	11.1	20.2	0.7	0.6	1.0	1.6	3.6	9.1	24.3	88.1
1990	12.5	14.8	0.6	0.6	1.1	1.8	4.3	10.0	23.5	93.4
1995	13.6	14.8	0.6	0.5	1.1	1.9	4.8	11.0	24.2	86.6
2000	14.1	13.3	0.5	0.4	0.8	1.7	4.3	10.1	23.8	84.5
2001	14.2	14.4	0.5	0.5	0.9	1.6	4.3	10.1	23.3	81.6
2002	14.3	13.3	0.4	0.4	0.8	1.6	4.2	10.1	22.8	81.9
2003	14.3	12.3	0.4	0.4	0.9	1.5	4.0	10.1	22.9	80.4

* Per 1000 live births

11. Life Expectancy in Republic of Bulgaria

(in years)

Periods	Total	Male	Female
1935 – 1939	51.75	50.98	52.56
1956 – 1957	65.89	64.17	67.65
1960 – 1963	69.59	67.82	71.35
1969 – 1971	71.11	68.58	73.86
1974 – 1976	71.31	68.68	73.91
1978 – 1980	71.14	68.35	73.55
1984 – 1986	71.19	68.17	74.44
1989 – 1991	71.22	68.02	74.66
1993 – 1995	70.60	67.10	74.90
1995 – 1998	70.50	67.10	74.30
1997 – 1999	71.00	67.60	74.60
1998 – 2000	71.70	68.15	75.34
1999 – 2001	71.80	68.50	75.20
2000 – 2002	71.87	68.54	75.37
2001 – 2003	72.07	68.68	75.59

II. MORBIDITY AND MORTALITY BY CAUSES

1. Registered Cases of Diseases in Health Facilities by Age¹⁾

Year	Age group			Age group		
	Total	0-17	18+	Total	0-17	18+
	Number			Per 1000 population ³⁾		
1970	7513612	1847572	5666040	885.0	953.4	864.8
1975	8228340	2210420	6017920	943.5	1151.3	884.8
1980	12151449	3993430	8158019	1371.2	2035.7	1182.4
1985	15105684	5399939	9705745	1685.8	2788.6	1381.8
1989	14451333	5277877	9173456	1627.8	2861.2	1304.4
1990	13182207	4706104	8476103	1511.9	2655.4	1220.2
1993	11306725	3924287	7382438	1334.6	2461.8	1073.3
1995	10871954	3605344	7266610	1293.3	2396.0	1052.9
1998	10846670	4060705	6785965	1313.7	2382.6	1035.6
1999	11257160	4166884	7090276	1371.1	2516.4	1081.7
2000	10906526	4031535	6874991	1334.9	2497.7	1048.6
2001 ²⁾	10837055	4208787	6628268	1369.5	2767.2	1036.9
2002 ²⁾	10752518	4098988	6653530	1366.4	2770.9	1041.4
2003 ²⁾	10727962	4146642	6581320	137123.8	288150.1	103082.8

¹⁾ Till 1996 age groups are: 0-14, 15+ years.

²⁾ Extrapolation indicators.

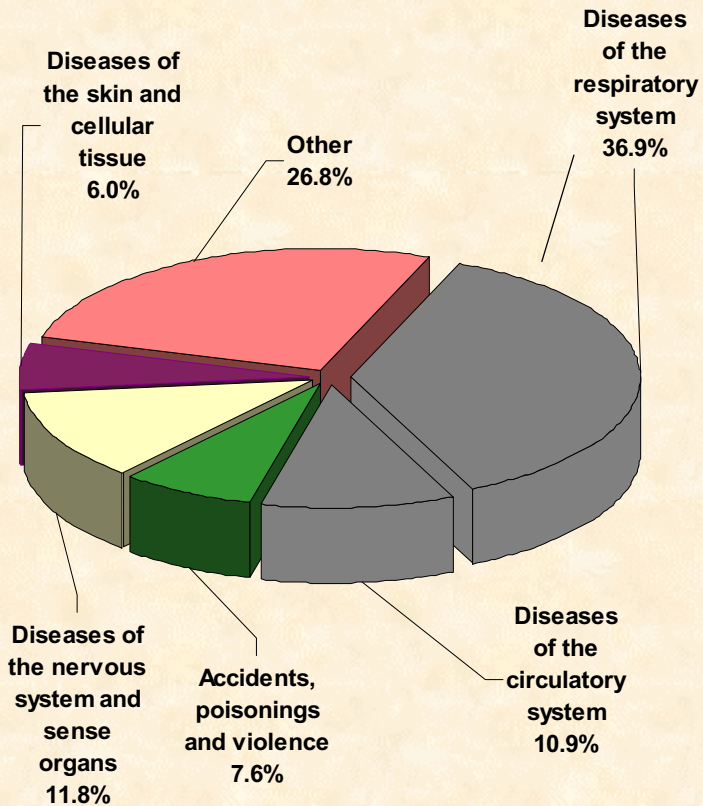
³⁾ The indicators for 2003 year are calculated per 100 000 population.

2. Registered Cases¹⁾ of Diseases in Health Facilities in 2003 by Classes of Diseases

No of class by ICD IX revision	CLASSES	Number of cases	Per 100 000 population	Percent- age (%)
	Total	10727962	137123.8	100.0
	I. Infectious and Parasitic Diseases	450972	5764.3	4.2
	II. Neoplasms	84282	1077.3	0.8
	III. Allergic, Endocrine system, Metabolic and Nutritional Diseases	207846	2656.7	1.9
	IV. Diseases of the Blood and Blood forming Organs	33983	434.4	0.3
	V. Mental, Psychoneurotic and Personality disorders	326613	4174.7	3.1
	VI. Diseases of the Nervous System and Sense Organs	1265934	16181.1	11.8
	VII. Diseases of the Circulatory System	1173264	14996.6	10.9
	VIII. Diseases of the Respiratory System	3957570	50585.3	36.9
	IX. Diseases of the Digestive System	570416	7291.0	5.3
	X. Diseases of the Genito–Urinary System	687459	8787.0	6.4
	XI. Deliveries and Complications of Pregnancy, Childbirth and the Puerperium	33785	431.8	0.3
	XII. Diseases of the Skin and Cellular Tissue	641267	8196.6	6.0
	XIII. Diseases of the Bones and Organs of Movement	366333	4682.4	3.4
	XV. Congenital Malformations	6410	81.9	0.1
	XV. Certain Diseases of Early Infancy	90	1.2	0.0
	XVI. Symptoms, Senility and Illdefined Conditions	105137	1343.8	1.0
	XVII. Accidents, Poisonings and Violence	816601	10437.7	7.6

¹⁾ Extrapolation indicators.

Registered Cases of Diseases in Health Facilities in 2003



3. Registered Cases of Certain Infectious Diseases Subject to Obligatory Reporting

(per 100 000 population)

<i>Cases</i>	<i>1980</i>	<i>1990</i>	<i>2000</i>	<i>2002</i>	<i>2003</i>
Diphtheria	0.0	–	–	–	–
Scarlet fever	145.6	85.7	64.6	45.0	54.4
Measles	121.5	1.7	0.6	0.0	–
Pertussis	1.7	0.3	1.3	1.0	2.3
Rubeolla	779.1	147.3	348.2	10.2	3.2
Chicken pox	537.2	418.6	285.8	290.3	321.2
Mumps	73.6	1.5	28.8	4.2	1.4
Influenza	2746.6	142.4	366.7	28.8	13.7
Epidemic meningitis	1.2	0.9	1.1	0.3	0.7
Epidemic encephalitis	0.3	0.1	0.3	•	•
Poliomyelitis	–	–	–	–	–
Q fever	0.0	0.4	1.8	3.5	1.0
Crimean haemorrhagic fever	0.1	0.1	0.1	0.7	0.2
Lyme disease	–	–	3.6	6.5	7.0
Malaria ¹⁾	1.4	0.5	0.2	0.2	0.2
Typhoid fever	0.0	0.0	–	0.1	–
Shigellosis	96.9	61.9	19.8	16.0	11.6
Infectious hepatitis	110.8	274.2	104.8	78.0	45.5
Anthrax	0.1	0.1	0.2	0.0	0.0
Leptospirosis	0.2	0.3	0.4	0.3	0.3
Tetanus	0.2	0.1	0.0	0.0	0.0
Meningitis serosa	2.2	1.5	2.0	•	•
Bacterial meningitis and meningoen­cephalitis	•	•	•	2.5	2.8
Viral meningitis and meningoen­cephalitis	•	•	•	4.6	3.6

¹⁾ All registered cases are imported.

4. Registered Cases of Active Tuberculosis

(per 100000 population)

<i>Forms of disease</i>	<i>1980</i>	<i>1990</i>	<i>1995</i>	<i>2000</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>
Total	178.2	106.0	154.9	173.4	185.8	188.7	168.2
incl. new cases	37.0	25.9	40.5	41.0	48.8	47.8	41.7
Tuberculosis of the respiratory system	115.1	80.5	123.4	144.8	157.6	161.6	142.1
incl. new cases	25.6	19.9	33.9	35.6	42.8	42.4	36.3
Tuberculosis of the bones and joints	12.4	5.3	5.1	4.8	5.3	4.8	4.9
incl. new cases	2.2	1.0	1.0	1.0	1.1	0.9	0.8
Meningitis and CNS tuberculosis	0.5	0.3	0.5	0.5	0.5	0.4	0.3
incl. new cases	0.1	0.1	0.1	0.1	0.2	0.1	0.1
Other forms of tuberculosis	50.2	19.9	25.9	23.3	22.4	21.9	20.9
incl. new cases	9.1	4.9	5.5	4.3	4.7	4.4	4.5

5. Registered Cases of Malignant Neoplasms

(per 100 000 population)

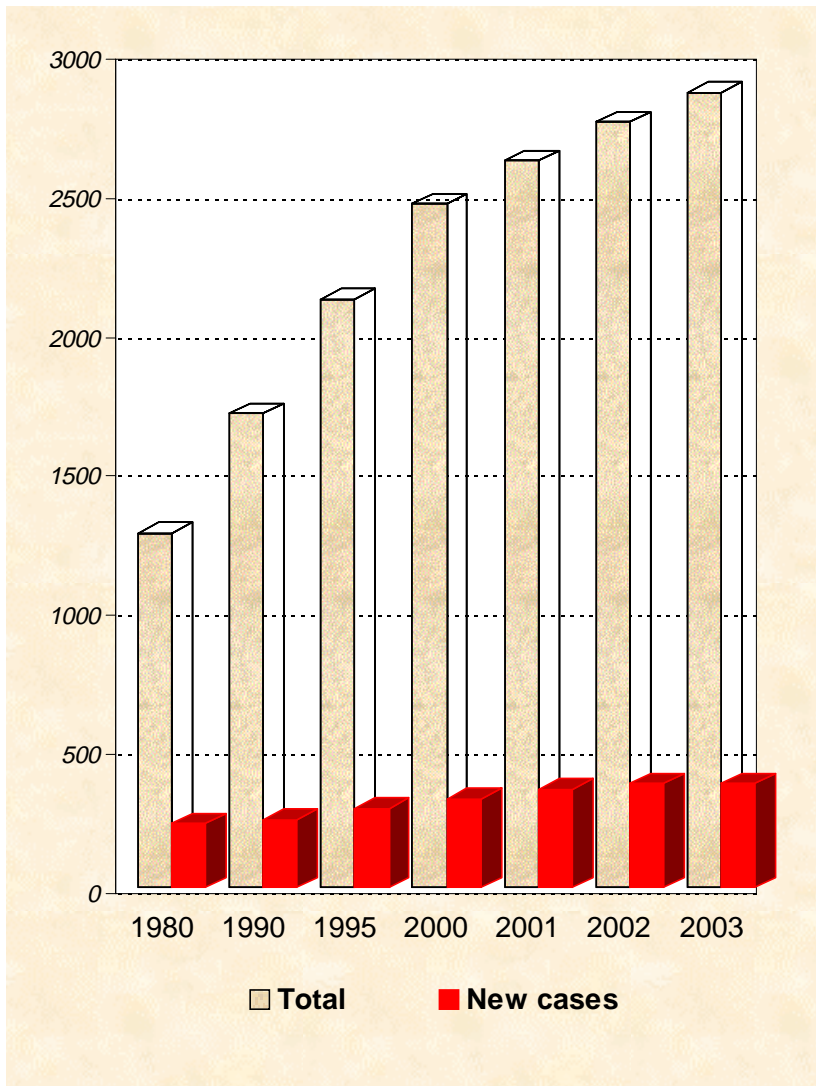
<i>Localization</i>	<i>2002</i>		<i>2003</i>	
	<i>Total</i>	<i>Incl. new cases</i>	<i>Total</i>	<i>Incl. new cases</i>
Total	2756.1	376.4	2862.9	376.4
Lips, oral cavity and pharynx	126.2	10.7	125.1	10.0
Incl. lips	83.2	2.9	81.4	2.9
Digestive organs and peritoneum	383.5	98.2	404.1	97.4
Incl. stomach	72.6	24.4	73.8	23.2
colon, rectum, rectosigmoid junction and anus	252.7	49.1	269.0	48.3
Respiratory system	182.3	55.3	192.3	56.2
Incl. trachea, bronchus and lung	115.4	45.4	122.1	46.3
Musculoskeletal system, skin and connective tissue	1154.7	86.1	1185.0	88.0
Incl. melanoma and other skin neoplasms	644.4	38.6	648.9	39.0
female breast	914.1 ¹⁾	84.0 ¹⁾	961.0 ¹⁾	88.1 ¹⁾
Genito-urinary system	689.0	83.3	724.6	82.2
Incl. cervix uteri	290.8 ¹⁾	27.2 ¹⁾	303.5 ¹⁾	27.6 ¹⁾
uterus	355.8 ¹⁾	28.0 ¹⁾	372.3 ¹⁾	28.7 ¹⁾
ovary and attributes of the uterus	151.3 ¹⁾	21.1 ¹⁾	156.1 ¹⁾	19.6 ¹⁾
prostate	181.8 ²⁾	36.1 ²⁾	195.6 ²⁾	35.5 ²⁾
bladder	93.4	14.8	102.4	14.3
Other and unspecified site	118.6	26.8	124.5	27.1
Lymphoid and haematopoietic tissue	101.8	16.0	107.3	15.5

¹⁾ Per 100 000 female

²⁾ Per 100 000 male

Registered Cases of Malignant Neoplasms

(per 100 000 population)



6. Registered Cases of Some Venereal and Skin Infections

(per 100 000 population)

<i>Disease</i>	<i>1990</i>	<i>1995</i>	<i>2000</i>	<i>2002</i>	<i>2003</i>
Syphilis	31.2	54.2	119.7	94.4	84.8
incl. new cases	4.4	20.2	19.4	16.4	13.2
Gonorrhoea	68.4	27.8	9.6	6.0	4.0
incl. new cases	62.3	23.7	7.3	5.0	3.7
Microsporia	35.3	36.2	32.2	24.3	25.8
incl. new cases	32.3	32.1	23.3	16.5	18.7
Trychophytia	13.3	31.3	26.7	27.3	31.3
incl. new cases	9.9	28.8	15.9	19.8	24.6

7. Patients Under Dispensary Observation of Psychiatric Facilities, Wards and Consultations on 31.12 and by Type of Disease

(per 100 000 population)

<i>Name of disease – ICD-IX</i>	<i>1990</i>	<i>1995</i>	<i>2000</i>	<i>2002</i>	<i>2003</i>
Total	2656.7	2799.2	2696.2	2952.2	2967.1
Schizophrenia (295)	340.9	389.6	424.4	528.7	548.6
Manic-depressive disorder – depressive type (296.1, 296.3)	181.2	227.5	250.7	322.5	377.6
Neurotic disorders (300 excl. p.4)	221.2	213.7	199.8	217.4	199.7
Personality disorders (301)	105.2	106.8	100.0	103.4	99.0
Alcohol dependent syndrome (303)	325.9	324.3	271.4	271.0	245.0
Mild mental retardation (317)	389.7	408.3	372.7	386.0	368.7
Moderate mental retardation (318.0)	151.1	165.1	161.3	174.9	168.2
Epilepsy (345)	293.3	319.9	313.0	316.4	291.3
All other diseases	648.2	644.0	602.9	631.9	669.0

8. Patients Discharged from Hospitals¹⁾ by Age²⁾

Year	Total	AGE GROUPS		Total	AGE GROUPS)	
		0-17	18+		0-17	18+
	Number			Per 100 population ³⁾		
1970	1040201	234590	805611	12.3	12.1	12.3
1975	1207819	264017	943802	13.8	13.8	13.9
1980	1430919	265481	1165438	16.1	13.5	16.9
1985	1567621	285761	1281860	17.5	14.8	18.2
1989	1596828	284732	1312096	18.0	15.4	18.7
1990	1513344	268383	1244961	17.4	15.1	17.9
1994	1267554	222718	1044836	15.0	14.4	15.2
1995	1263414	219520	1043894	15.0	14.6	15.1
1999	1091409	199215	892194	13.3	12.0	13.6
2000	1159674	192866	966808	14.2	12.0	14.8
2001	1164249	194183	970066	14.7	12.8	15.2
2002	1234255	212983	1021272	15.7	14.4	16.0
2003	1310513	217720	1092793	16750.9	15129.4	17116.3

¹⁾ Till 1999 – from general type hospitals only.

²⁾ Till 1996 age groups are: 0–14 and 15+ years.

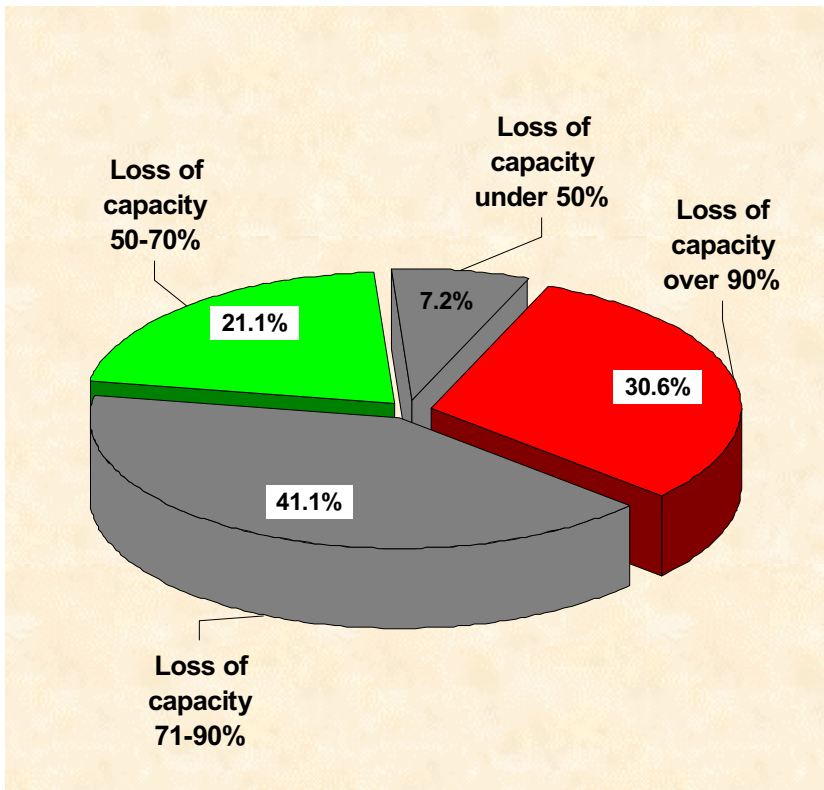
³⁾ The indicators for 2003 are calculated per 100 000 population.

9. Patients Discharged from Hospitals by Classes of Diseases in 2003

<i>ICD IX</i>	<i>CLASSES OF DISEASES</i>	<i>Number</i>	<i>Per 100 000 population</i>	<i>Percentage (%)</i>
	Total	1310513	16750.9	100.0
	I. Infectious and Parasitic Diseases	41530	530.8	3.2
	II. Neoplasms	132475	1693.3	10.1
	III. Allergic, Endocrine system, Metabolic and Nutritional Diseases	36265	463.5	2.8
	IV. Diseases of the Blood and Blood forming Organs	10712	136.9	0.8
	V. Mental, Psychoneurotic and Personality disorders	40258	514.6	3.1
	VI. Diseases of the Nervous System and Sense Organs	81219	1038.1	6.2
	VII. Diseases of the Circulatory System	203419	2600.1	15.5
	VIII. Diseases of the Respiratory System	208433	2664.2	15.9
	IX. Diseases of the Digestive System	107948	1379.8	8.2
	X. Diseases of the Genito - Urinary System	99766	1275.2	7.6
	XI. Deliveries and Complications of Pregnancy, Childbirth and the Puerperium	150668	1925.8	11.5
	XII. Diseases of the Skin and Cellular Tissue	26051	333.0	2.0
	XIII. Diseases of the Bones and Organs of Movement	63179	807.6	4.8
	XIV. Congenital Malformations	5937	75.9	0.5
	XV. Certain Diseases of Early Infancy	13861	177.2	1.1
	XVI. Symptoms, Senility and Illdefined Conditions	5712	73.0	0.4
	XVII. Accidents, Poisonings and Violence	83080	1061.9	6.3

10. Primary Disability

Year	Loss of capacity								total	
	Over 90%		71% - 90%		50% - 70%		under 50%		number	per 1000 population over 16 year
	number	%	number	%	number	%	number	%		
2001	29329	36.8	31387	39.3	14847	18.6	4226	5.3	79789	12.1
2002	35249	34.8	40702	40.2	19578	19.3	5824	5.7	101353	15.3
2003	35535	30.6	47834	41.1	24582	21.1	8414	7.2	116365	17.6



11. Disabled Persons by Class of Disease and Loss of Capacity in 2003

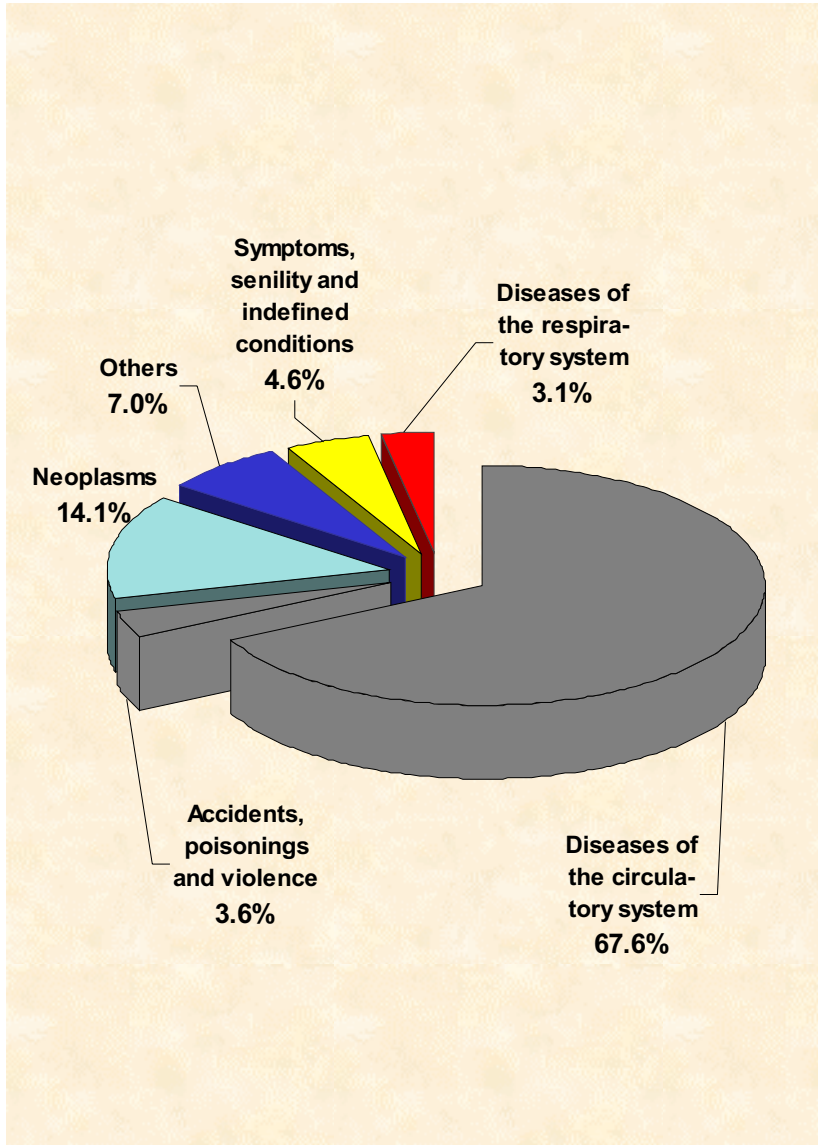
(percentage)

No by ICD- IX	CLASSES OF DISEASES	over 90%	71%-90%	50%-70%	under 50%	Total
	Total	30.5	41.2	21.1	7.2	100.0
	I. Infectious and parasitic diseases	11.5	74.3	10.7	3.5	100.0
	II. Neoplasms	52.0	42.8	4.4	0.8	100.0
	III. Allergic, endocrine system, metabolic and nutritional diseases	20.3	50.4	24.7	4.6	100.0
	V. Mental, psychoneurotic and personality disorders	23.3	38.8	26.7	11.2	100.0
	VI. Diseases of the nervous system and sense organs	36.6	36.3	20.8	6.3	100.0
	VII. Diseases of the circulatory system	31.9	43.1	19.1	5.9	100.0
	VIII. Diseases of the respiratory system	9.2	30.3	37.8	22.7	100.0
	IX. Diseases of the digestive system	22.9	39.7	23.8	13.6	100.0
	X. Diseases of the genito-urinary system	18.0	40.5	29.6	11.9	100.0
	XIII. Diseases of the bones and organs of movement	25.4	38.5	26.9	9.2	100.0
	XIV. Congenital malformations	12.0	31.4	39.4	17.2	100.0
	XVII. Accidents, poisonings and violence	34.1	26.3	27.2	12.4	100.0
	Other classes	17.1	39.1	29.8	14.0	100.0

12. Mortality by Causes in 2003

<i>Cause of death</i>	<i>Number</i>	<i>Per 100 000 population</i>	<i>Percentage (%)</i>
Total	111927	1430.6	100.0
Infectious and parasitic diseases	630	8.1	0.6
Neoplasms	15790	201.8	14.1
Allergic, endocrine system, metabolic and nutritional diseases	1990	25.5	1.8
Diseases of the blood and blood forming organs	120	1.5	0.1
Mental, psychoneurotic and personality disorders	189	2.4	0.2
Diseases of the nervous system and sense organs	720	9.2	0.6
Diseases of the circulatory system	75678	967.3	67.6
Diseases of the respiratory system	3468	44.3	3.1
Diseases of the digestive system	2759	35.3	2.5
Diseases of the genito-urinary system	926	11.8	0.8
Deliveries and complications of pregnancy, childbirth and the puerperium	4	0.1	0.0
Diseases of the skin and cellular tissue	24	0.3	0.0
Diseases of the bones and organs of movement	39	0.5	0.0
Congenital malformations	211	2.7	0.2
Certain diseases of early infancy	260	3.3	0.2
Symptoms, senility and illdefined conditions	5080	64.9	4.6
Accidents, poisonings and violence	4039	51.6	3.6

Mortality by Causes in 2003



III. HEALTH FACILITIES

1. Health Facilities and Hospital Beds in 2003

<i>Types of health establishments</i>	<i>Number</i>	<i>Beds</i>
Health establishments for hospital care – total	249	45070
Multiprofile hospitals	126	29968
Multiprofile hospital for active treatment	124	29793
Multiprofile hospital for continuing, long term treatment and rehabilitation	2	175
Specialized hospitals	71	9185
Specialized hospital for active treatment	28	3818
Specialized hospital for continuing and long term treatment	10	670
Specialized hospital for continuing, long term treatment and rehabilitation	9	731
Specialized hospital for rehabilitation	24	3966
Psychiatric hospitals	11	2750
Other inpatient facilities	2	110
Hospitals of other administrations	7	2475
Private facilities for hospital care	32	582
Health facilities for outpatient care		
Medical center	456	370
Dental center	60	2
Medco-dental center	43	18
Diagnostic-consulting center	103	133
Stand-alone medico-diagnostic and medico-technical laboratories	793	-
Other healthcare and health establishments		
Prophylactic centers	49	4101
For pulmonary diseases	13	787
For dermato-venerological diseases	12	218
For oncological diseases	12	1572
For psychiatric diseases	12	1524
Emergency healthcare centers	28	-
Stand alone centers for transfusional haematology	4	-
Medico-social care for children centers	32	4072
Hospises	38	178
National centers without beds	6	-
Regional centers for health	28	-
Hygiene-epidemiology inspectorates	28	-
Sanatorial facilities	3	910

2. Beds in Hospitals on 31.XII.2003 by Type

<i>Type of bed</i>	<i>Number of beds</i>	<i>Percentage (%)</i>	<i>Per 10 000 population</i>
Total¹⁾	45070		57.8
Internal diseases	3963	9.3	5.1
Endocrinological	568	1.3	0.7
Reumocardiological	128	0.3	0.2
Cardiological	1398	3.3	1.8
Nephrological	499	1.2	0.6
Haematological	279	0.7	0.4
Gastroenterological	746	1.7	1.0
Pulmophtysiatricl	1367	3.2	1.8
Surgical	4587	10.8	5.9
Traumatological	1541	3.6	2.0
Neurosurgical	426	1.0	0.5
Urological	875	2.1	1.1
Gynecological	1424	3.3	1.8
Obstetrics	1662	3.9	2.1
Pathological maternity	789	1.9	1.0
Neonatological	1078	2.5	1.4
Pediatric	2238	5.3	2.9
Micropediatric	510	1.2	0.7
For immature infants, with dystrophy, or birth defects	120	0.3	0.2
Oncological	515	1.2	0.7
Infectious	1190	2.8	1.5
Ophthalmological	670	1.6	0.9
Oto-rhino-laryngological	669	1.6	0.9
Dermato-venerological	296	0.7	0.4
Neurological	2520	5.9	3.2
Psychiatric	3498	8.2	4.5
For continuing and long term treatment	1674	3.9	2.1
Physiotherapeutic and rehabilitation	4690	11.0	6.0
Intensive care	2064	4.8	2.6
Other specialized	186	0.4	0.2
Home care	29	0.1	0.0
Day care	396	0.9	0.5

¹⁾ Hospital beds of other administrations included, but not allocated by type.

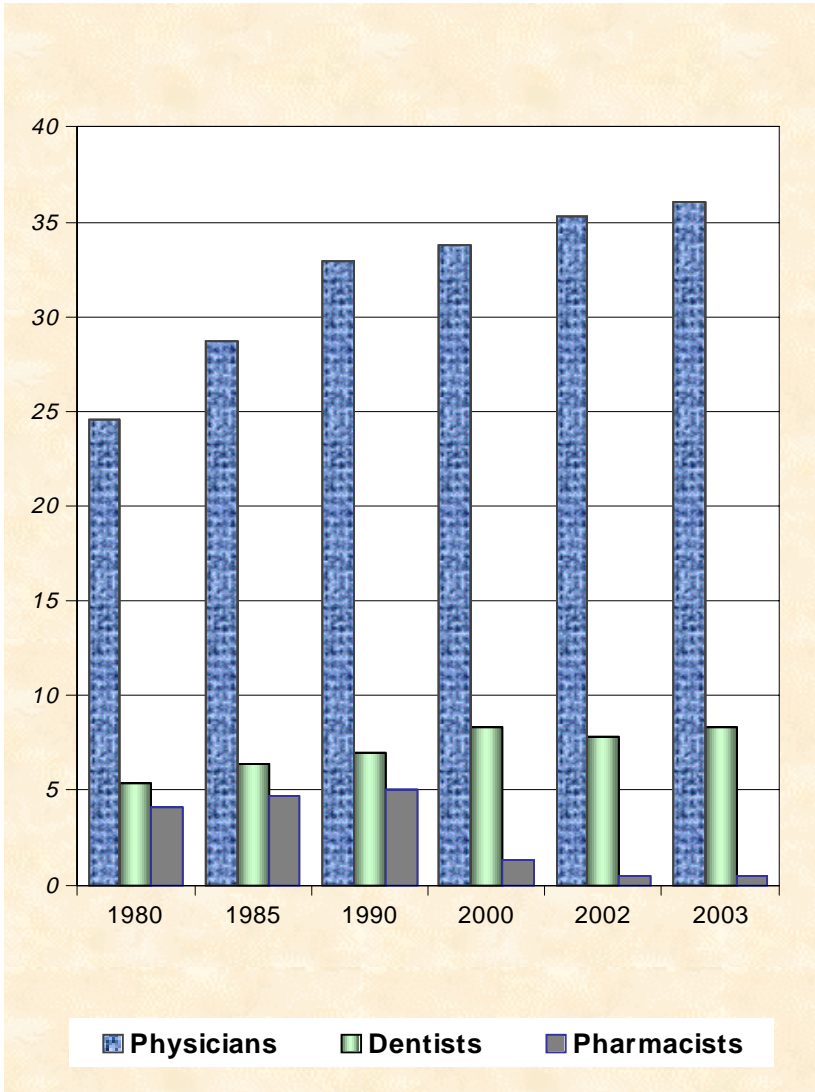
IV. HEALTH PERSONNEL

1. Medical Personnel

	1980	1990	2000	2002	2003
Number					
Physicians	21796	28497	27526	27688	28128
Dentists	4839	6109	6778	6144	6475
Pharmacists	3648	4366	1020	342	381
Auxiliary medical personnel Incl.:	77532	88387	49840	45604	45731
med.assist.	7355	7617	3158	1972	2334
midwives	7897	7544	4131	3433	3456
nurses	45449	53810	31479	28508	29650
clinical laboratory and X-ray technicians	6757	7604	5964	5616	5905
dental technicians	2342	2858	1305	1411	1229
pharmaceutical assist.	4057	4089	658	220	242
other	3675	4865	3145	4444	2915
Per 10 000 population					
Physicians	24.6	32.9	33.8	35.3	36.1
Dentists	5.4	7.0	8.3	7.8	8.3
Pharmacists	4.1	5.0	1.3	0.5	0.5
Auxiliary medical personnel	87.3	102.0	61.2	58.1	58.6
Population per:					
one physician	407	304	296	283	277
one dentist	1834	1419	1202	1277	1205

Medical Personnel

(per 10000 population)



2. Physicians by Speciality

<i>Specialties</i>	<i>1990</i>		<i>2000</i>		<i>2002</i>		<i>2003</i>	
	<i>number</i>	<i>per 10000 population</i>	<i>number</i>	<i>per 10000 population</i>	<i>number</i>	<i>per 10000 population</i>	<i>number</i>	<i>per 10000 population</i>
Physicians-total¹⁾	28497	31.7	27526	33.8	27688	35.3	28128	36.1
incl.:								
internists ²⁾	7428	8.3	4724	5.8	4132	5.3	4338	5.6
surgeons ³⁾	2606	2.9	2927	3.6	2523	3.2	1742	2.2
gynaecologists	1661	1.8	1528	1.9	1361	1.7	1358	1.7
pediatricians	3999	4.4	1683	2.1	1470	1.9	1401	1.8
ophthalmologists	704	0.8	716	0.9	606	0.8	613	0.8
oto-rhino-laryngologists	674	0.7	637	0.8	516	0.7	537	0.7
neurologists	1188	1.3	1229	1.5	1062	1.4	1094	1.4
psychiatrists	693	0.8	750	0.9	625	0.8	646	0.8
pulmophy-siatrists	617	0.7	606	0.7	522	0.7	551	0.7
dermatologists	493	0.5	498	0.6	402	0.5	420	0.5
radiologists	822	0.9	815	1.0	776	1.0	885	1.1
physiotherapists	611	0.7	460	0.6	405	0.5	456	0.6
clinical laboratory	496	0.5	598	0.7	533	0.7	615	0.8

¹⁾ Physicians-oncologists are included in the respective general specialty – internists, surgeons etc.

²⁾ Infectionists are included.

³⁾ Including traumatologists, orthopaedists, neurosurgeons and urologists.

V. ACTIVITIES OF THE HEALTH FACILITIES

1. Activities of the Inpatient Wards of the Hospital Health Care Facilities in 2003

<i>Types of establishments</i>	<i>Admitted patients</i>	<i>Discharged patients</i>	<i>Deaths</i>
Healthcare establishments for hospital care – total¹⁾	1272744	1251906	22445
Multiprofile hospitals	1042159	1022423	21096
Multiprofile hospital for active treatment	1037887	1018181	21088
Multiprofile hospital for continuing, long term treatment and rehabilitation	4272	4242	8
Specialized hospitals	201487	200573	1162
Specialized hospital for active treatment	110816	109926	1046
Specialized hospital for continuing and long term treatment	11210	11254	27
Specialized hospital for continuing, long term treatment and rehabilitation	9289	9221	85
Specialized hospital for rehabilitation	70172	70172	4
Psychiatric hospitals	9787	9783	99
Other hospital facilities	4508	4380	76
Private facilities for hospital care	14803	14747	12
Prophylactic centers	80976	80278	621
For pulmonary diseases	12470	12299	152
For dermato-venerological diseases	4811	4812	2
For oncological diseases	48311	47792	427
For psychiatric diseases	15384	15375	40

¹⁾ Excl. facilities of other administrations.

1. Activities of the Inpatient Wards of the Hospital Health Care Facilities in 2003

(continued from previous)

<i>Types of establishments</i>	<i>Bed days</i>	<i>Utilization of beds (days)</i>	<i>Turnover of beds</i>	<i>Average length of stay (days)</i>	<i>Hospital mortality (%)</i>
Healthcare establishments for hospital care – total¹⁾	11363125	270	31	8.8	1.8
Multiprofile hospitals	8359437	283	36	7.9	2.0
Multiprofile hospital for active treatment	8306187	283	36	7.9	2.0
Multiprofile hospital for continuing, long term treatment and rehabilitation	53250	304	25	12.4	0.2
Specialized hospitals	2090447	230	22	10.3	0.6
Specialized hospital for active treatment	950244	254	30	8.5	0.9
Specialized hospital for continuing and long term treatment	182725	273	17	15.9	0.2
Specialized hospital for continuing, long term treatment and rehabilitation	149333	213	13	15.9	0.9
Specialized hospital for rehabilitation	808145	203	18	11.5	0.0
Psychiatric hospitals	826794	301	4	68.6	1.0
Other hospital facilities	40530	368	41	8.9	1.7
Private facilities for hospital care	45917	80	26	3.1	0.1
Prophylactic centers	1184688	291	20	14.3	0.8
For pulmonary diseases	221224	281	16	17.2	1.2
For dermato-venerological diseases	54784	251	22	11.3	0.0
For oncological diseases	458666	291	31	9.4	0.9
For psychiatric diseases	450014	301	11	27.5	0.3

¹⁾ Excl. facilities of other administrations.

2. Utilization, Turnover and Average Length of Stay in Health Care Facilities in 2003 by Type of Beds

<i>Type of bed</i>	<i>Utilization (days)</i>	<i>Turnover</i>	<i>Average length of stay (days)</i>
Total¹⁾	270	31	8.8
Internal diseases	290	35	8.3
Endocrinological	289	34	8.4
Reumocardiological	305	26	11.6
Cardiological	309	43	7.2
Nephrological	316	34	9.4
Haematological	355	43	8.3
Gastroenterological	313	36	8.7
Pulmophtysiatricl	338	22	15.1
Surgical	252	42	6.1
Traumatological	263	32	8.2
Neurosurgical	307	37	8.3
Urological	283	41	7.0
Gynecological	218	58	3.8
Obstetrics	224	53	4.2
Pathological maternity	318	55	5.8
Neonatological	262	49	5.4
Pediatric	295	40	7.3
Micropediatric	292	36	8.1
For immature infants, with dystrophy, or birth defects	293	10	28.7
Oncological	336	45	7.5
Infectious	192	24	8.0
Ophthalmological	216	51	4.2
Oto-rhino-laryngological	264	53	5.0
Dermato-venereological	293	28	10.4
Neurological	296	32	9.3
Psychiatric	312	7	47.9
For continuing and long term treatment	252	16	16.2
Physiotherapeutic and rehabilitation	213	18	11.9
Intensive care	229	56	4.1
Other specialized	165	12	13.7
Home care	141	9	16.0
Day care	449	37	12.2

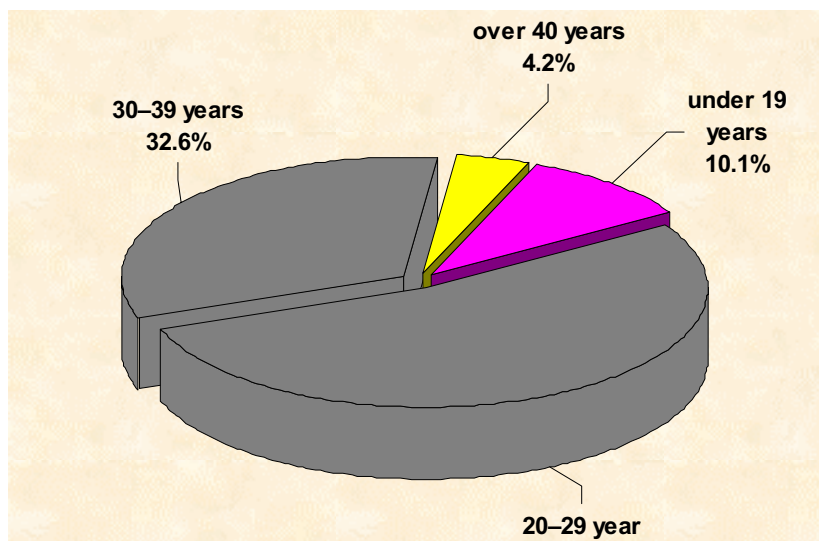
¹⁾ Excl. facilities of other administrations.

3. Induced Abortions in Health Facilities during 2003 by Age Group and Type of Abortion

(Number)

Age group	Total	Type of abortions			
		Medical indicated	Spontaneous	Illegal	Legal
Total	48035	4055	13343	12	30625
< 15	159	41	66	-	52
15–19	4686	227	1456	-	3003
20–24	12278	511	3716	3	8048
25–29	13250	481	3822	4	8943
30–34	9868	395	2625	3	6845
35–39	5790	1789	1209	2	2790
40–44	1839	562	413	-	864
45–49	153	45	34	-	74
> 50	12	4	2	-	6

Distribution of Induced Abortions by Age



4. Induced Abortions in Health Facilities

(Number)

	<i>1980</i>	<i>1990</i>	<i>1995</i>	<i>2000</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>
Total	156056	144644	97092	61378	51165	50824	48035
incl:							
medically indicated	3830	4352	4073	2567	2638	3965	4055
spontaneous abortions	15787	12601	9851	10626	9826	11039	13343
illegal abortions	180	91	69	29	19	15	12
legal abortions	136259	127600	83099	48156	38682	35805	30625

5. Registered Calls and Persons Served by the Centers for Urgent Medical Care

	<i>2001</i>		<i>2002</i>		<i>2003</i>	
	<i>Number</i>	<i>(%)</i>	<i>Number</i>	<i>(%)</i>	<i>Number</i>	<i>(%)</i>
Registered calls – total	830798	100.0	861778	100.0	847733	100.0
incl:						
accidents	578025	69.6	604875	70.2	607273	71.6
diseases	130228	15.7	95518	11.1	97057	11.5
transportation	122545	14.7	161385	18.7	143403	16.9
Persons attended – total	851483	x	888815	x	8669006	x

6. Number and Type of Surgeries of Patients, Discharged from Hospitals in 2003

<i>Type of surgery</i>	<i>Discharged surgical patients</i>	<i>Incl.:</i>		<i>Lethality (%)</i>
		<i>with compli- cations</i>	<i>dead</i>	
Total	332209	3134	2887	0.9
Surgery of gastrointestinal tract	57690	976	991	1.7
Apendectomy due to acute appendicits	12624	150	25	0.2
Herniotomy due to unobstructed hernia	18250	100	15	0.1
Obstetrics-gynecological surgeries	79018	285	19	0.0
Endocrine surgeries	3242	14	5	0.2
Traumatology surgeries	37977	185	242	0.6
Chest surgeries	8577	181	123	1.4
Urological surgeries	19129	357	111	0.6
Otho-Rhino-Larhingological surgeries	26750	62	35	0.1
Tonsillectomy	8669	19	-	-
Ophtalmological surgeries	25027	21	3	0.0
Catharacta	14645	16	2	0.0
Neurosurgeries	5889	54	378	6.4
Cardiovascular surgeries	2747	351	162	5.9
Vascular surgeries	4308	117	93	2.2
Facial and dental surgeries	4505	4	8	0.2
Plastic, reconstructive and esthetic surgeries	2252	15	12	0.5
Other surgical interventions	55098	512	705	1.3

VI. ECONOMICAL INDICATORS OF THE HEALTH FACILITIES FOR 2003

(in leva)

<i>Types of health facilities</i>	<i>Average costs:</i>				
	Per patient	Per bed	Per bed day	Per medicine day	Per food day
Multiprofile hospital for active treatment:					
Regional	411.52	15830.09	55.13	14.94	1.44
Municipal	387.63	14367.61	52.94	8.93	1.57
City	503.90	19196.97	70.23	18.54	1.94
Specialized hospital for active treatment:					
Pulmonary diseases	717.83	13602.49	42.97	9.91	1.60
Gynecological diseases	341.28	14422.94	62.62	11.07	2.46
State psychiatric hospitals	765.49	3736.58	12.30	1.61	1.07
Prophylactic centers with outpatient department for:					
Pulmonary diseases	380.95	6833.52	24.70	7.48	2.19
Oncological diseases	495.50	15632.53	55.49	25.98	1.61
Dermato-venereological diseases	279.05	6217.21	24.75	4.05	1.68
Psychiatric diseases	350.34	3889.51	12.70	2.38	1.24

VII. REVIEW BY REGIONS
1. Population on 31.XII.2003

<i>Regions</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Urban</i>	<i>Rural</i>
Number					
Total	7801273	3790840	4010433	5441727	2359546
Blagoevgrad	335638	165197	170441	192065	143573
Bourgas	419925	205020	214905	296236	123689
Varna	458661	223862	234799	364322	94339
V. Tarnovo	287011	138310	148701	188240	98771
Vidin	122609	59243	63366	73095	49514
Vratza	216388	105913	110475	122263	94125
Gabrovo	139115	67149	71966	110648	28467
Dobrich	208469	102345	106124	137617	70852
Kardgali	161002	79889	81113	65309	95693
Kjustendil	156376	76292	80084	103675	52701
Lovetch	163342	80090	83252	99077	64265
Montana	173596	84490	89106	106624	66972
Pazardgik	303246	149216	154030	186247	116999
Pernik	144104	70190	73914	108836	35268
Pleven	315230	154689	160541	202951	112279
Plovdiv	710958	343298	367660	515118	195840
Razgrad	142388	69638	72750	65941	76447
Rousse	261108	126940	134168	189712	71396
Silistra	137424	68141	69283	61344	76080
Sliven	213194	104222	108972	140650	72544
Smoljan	135029	65638	69391	70807	64222
Sofia-city	1208930	572685	636245	1153007	55923
Sofia	264988	130210	134778	156006	108982
St. Zagora	364051	177597	186454	248607	115444
Targovschte	138160	67788	70372	70040	68120
Haskovo	270096	131626	138470	189937	80159
Shoumen	200701	97730	102971	124042	76659
Yambol	149534	73432	76102	99311	50223

1. Population on 31.XII.2003

(continued from previous)

<i>Regions</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Urban</i>	<i>Rural</i>
Percentage (%)					
Total	100.0	48.6	51.4	69.8	30.2
Blagoevgrad	100.0	49.2	50.8	57.2	42.8
Bourgas	100.0	48.8	51.2	70.5	29.5
Varna	100.0	48.8	51.2	79.4	20.6
V. Tarnovo	100.0	48.2	51.8	65.6	34.4
Vidin	100.0	48.3	51.7	59.6	40.4
Vratza	100.0	48.9	51.1	56.5	43.5
Gabrovo	100.0	48.3	51.7	79.5	20.5
Dobrich	100.0	49.1	50.9	66.0	34.0
Kardgali	100.0	49.6	50.4	40.6	59.4
Kjustendil	100.0	48.8	51.2	66.3	33.7
Lovetch	100.0	49.0	51.0	60.7	39.3
Montana	100.0	48.7	51.3	61.4	38.6
Pazardgik	100.0	49.2	50.8	61.4	38.6
Pernik	100.0	48.7	51.3	75.5	24.5
Pleven	100.0	49.1	50.9	64.4	35.6
Plovdiv	100.0	48.3	51.7	72.5	27.5
Razgrad	100.0	48.9	51.1	46.3	53.7
Rousse	100.0	48.6	51.4	72.7	27.3
Silistra	100.0	49.6	50.4	44.6	55.4
Sliven	100.0	48.9	51.1	66.0	34.0
Smoljan	100.0	48.6	51.4	52.4	47.6
Sofia-city	100.0	47.4	52.6	95.4	4.6
Sofia	100.0	49.1	50.9	58.9	41.1
St. Zagora	100.0	48.8	51.2	68.3	31.7
Targovschte	100.0	49.1	50.9	50.7	49.3
Haskovo	100.0	48.7	51.3	70.3	29.7
Shoumen	100.0	48.7	51.3	61.8	38.2
Yambol	100.0	49.1	50.9	66.4	33.6

2. Live Births in 2003

<i>Regions</i>	<i>Total</i>	<i>Urban</i>	<i>Rural</i>	<i>Total</i>	<i>Urban</i>	<i>Rural</i>
	Number			Per 1000 population		
Total	67359	48597	18762	8.6	8.9	7.9
Blagoevgrad	3000	1769	1231	8.9	9.2	8.5
Bourgas	4033	2825	1208	9.6	9.5	9.8
Varna	4553	3614	939	9.9	9.9	10.0
V. Tarnovo	2238	1527	711	7.8	8.1	7.2
Vidin	847	609	238	6.8	8.2	4.8
Vratza	1766	1059	707	8.1	8.6	7.5
Gabrovo	963	820	143	6.9	7.4	5.0
Dobrich	1845	1196	649	8.8	8.6	9.2
Kardgali	1548	681	867	9.6	10.4	9.0
Kjustendil	1141	917	224	7.2	8.8	4.2
Lovetch	1397	881	516	8.5	8.8	8.0
Montana	1343	896	447	7.7	8.3	6.6
Pazardgik	2667	1720	947	8.8	9.2	8.1
Pernik	905	797	108	6.2	7.2	3.1
Pleven	2539	1657	882	8.0	8.1	7.8
Plovdiv	6237	4768	1469	8.8	9.2	7.5
Razgrad	1300	549	751	9.1	8.3	9.8
Rousse	1939	1462	477	7.4	7.7	6.6
Silistra	1208	488	720	8.7	7.9	9.4
Sliven	2553	1640	913	11.9	11.6	12.6
Smoljan	945	559	386	6.9	7.8	6.0
Sofia-city	10677	10302	375	8.9	9.0	6.7
Sofia	2007	1360	647	7.5	8.7	5.9
St. Zagora	3145	2200	945	8.6	8.8	8.2
Targovschte	1307	628	679	9.4	8.9	9.9
Haskovo	2105	1629	476	7.8	8.5	6.0
Shoumen	1921	1126	795	9.5	9.0	10.4
Yambol	1230	918	312	8.2	9.2	6.2

3. Deaths in 2003

<i>Regions</i>	<i>Total</i>	<i>Urban</i>	<i>Rural</i>	<i>Total</i>	<i>Urban</i>	<i>Rural</i>
	Number			Per 1000 of population		
Total	111927	64495	47432	14.3	11.8	20.1
Blagoevgrad	3639	1848	1791	10.8	9.6	12.4
Bourgas	5306	3303	2003	12.6	11.1	16.2
Varna	5583	3798	1785	12.2	10.4	19.0
V. Tarnovo	4539	2153	2386	15.8	11.4	24.0
Vidin	2544	909	1635	20.5	12.3	32.8
Vratza	4000	1432	2568	18.3	11.6	27.2
Gabrovo	2417	1523	894	17.3	13.7	31.2
Dobrich	2986	1615	1371	14.2	11.6	19.4
Kardgali	1760	617	1143	10.9	9.4	11.9
Kjustendil	2663	1332	1331	16.9	12.7	25.1
Lovetch	2928	1282	1646	17.8	12.8	25.6
Montana	3469	1414	2055	19.8	13.1	30.4
Pazardgik	4020	2131	1889	13.2	11.4	16.1
Pernik	2371	1479	892	16.3	13.4	25.4
Pleven	5280	2609	2671	16.6	12.7	23.7
Plovdiv	9566	5979	3587	13.4	11.6	18.3
Razgrad	2115	820	1295	14.8	12.3	17.0
Rousse	3924	2357	1567	14.9	12.4	21.7
Silistra	2114	789	1325	15.3	12.8	17.3
Sliven	2990	1637	1353	14.0	11.6	18.6
Smoljan	1517	624	893	11.2	8.8	13.8
Sofia-city	15047	14264	783	12.5	12.4	14.1
Sofia	4292	2016	2276	16.1	12.8	20.8
St. Zagora	5442	2940	2502	14.9	11.7	21.8
Targovschte	2186	886	1300	15.7	12.5	19.0
Haskovo	3893	2065	1828	14.4	10.8	22.9
Shoumen	2929	1525	1404	14.6	12.2	18.3
Yambol	2407	1148	1259	16.0	11.5	24.9

4. Natural Growth of Population in 2003

<i>Regions</i>	<i>Total</i>	<i>Urban</i>	<i>Rural</i>	<i>Total</i>	<i>Urban</i>	<i>Rural</i>
	Number			Per 1000 of population		
Total	-44568	-15898	-28670	-5.7	-2.9	-12.2
Blagoevgrad	-639	-79	-560	-1.9	-0.4	-3.9
Bourgas	-1273	-478	-795	-3.0	-1.6	-6.4
Varna	-1030	-184	-846	-2.3	-0.5	-9.0
V. Tarnovo	-2301	-626	-1675	-8.0	-3.3	-16.8
Vidin	-1697	-300	-1397	-13.7	-4.1	-28.0
Vratza	-2234	-373	-1861	-10.2	-3.0	-19.7
Gabrovo	-1454	-703	-751	-10.4	-6.3	-26.2
Dobrich	-1141	-419	-722	-5.4	-3.0	-10.2
Kardgali	-212	64	-276	-1.3	1.0	-2.9
Kjustendil	-1522	-415	-1107	-9.7	-3.9	-20.9
Lovetch	-1531	-401	-1130	-9.3	-4.0	-17.6
Montana	-2126	-518	-1608	-12.1	-4.8	-23.8
Pazardgik	-1353	-411	-942	-4.4	-2.2	-8.0
Pernik	-1466	-682	-784	-10.1	-6.2	-22.3
Pleven	-2741	-952	-1789	-8.6	-4.6	-15.9
Plovdiv	-3329	-1211	-2118	-4.6	-2.4	-10.8
Razgrad	-815	-271	-544	-5.7	-4.0	-7.0
Rousse	-1985	-895	-1090	-7.5	-4.7	-15.1
Silistra	-906	-301	-605	-6.6	-4.9	-7.9
Sliven	-437	3	-440	-2.1	0.0	-6.0
Smoljan	-572	-65	-507	-4.3	-1.0	-7.8
Sofia-city	-4370	-3962	-408	-3.6	-3.4	-7.4
Sofia	-2285	-656	-1629	-8.6	-4.1	-14.9
St. Zagora	-2297	-740	-1557	-6.3	-2.9	-13.6
Targovschte	-879	-258	-621	-6.3	-3.6	-9.1
Haskovo	-1788	-436	-1352	-6.6	-2.3	-16.9
Shoumen	-1008	-399	-609	-5.1	-3.2	-7.9
Yambol	-1177	-230	-947	-7.8	-2.3	-18.7

5. Infant Mortality in 2003

<i>Regions</i>	<i>Total</i>	<i>Urban</i>	<i>Rural</i>	<i>Total</i>	<i>Urban</i>	<i>Rural</i>
	Number			Per 1000 live births		
Total	831	522	309	12.3	10.7	16.5
Blagoevgrad	21	11	10	7.0	6.2	8.1
Bourgas	56	36	20	13.9	12.7	16.6
Varna	52	34	18	11.4	9.4	19.2
V. Tarnovo	32	16	16	14.3	10.5	22.5
Vidin	5	4	1	5.9	6.6	4.2
Vratza	24	13	11	13.6	12.3	15.6
Gabrovo	11	9	2	11.4	11.0	14.0
Dobrich	24	15	9	13.0	12.5	13.9
Kardgali	18	9	9	11.6	13.2	10.4
Kjustendil	18	14	4	15.8	15.3	17.9
Lovetch	16	10	6	11.5	11.4	11.6
Montana	21	11	10	15.6	12.3	22.4
Pazardgik	34	22	12	12.7	12.8	12.7
Pernik	8	7	1	8.8	8.8	9.3
Pleven	26	17	9	10.2	10.3	10.2
Plovdiv	95	68	27	15.2	14.3	18.4
Razgrad	10	3	7	7.7	5.5	9.3
Rousse	18	11	7	9.3	7.5	14.7
Silistra	19	6	13	15.7	12.3	18.1
Sliven	78	43	35	30.6	26.2	38.3
Smoljan	7	2	5	7.4	3.6	13.0
Sofia-city	71	71	-	6.6	6.9	-
Sofia	27	14	13	13.5	10.3	20.1
St. Zagora	39	24	15	12.4	10.9	15.9
Targovschte	25	9	16	19.1	14.3	23.6
Haskovo	17	17	-	8.1	10.4	-
Shoumen	34	15	19	17.7	13.3	23.9
Yambol	25	11	14	20.3	12.0	44.9

6. Number of Beds on 31.XII.2003

<i>Regions</i>	<i>Hospital beds</i>	
	<i>number</i>	<i>per 10000 population</i>
Total¹⁾	45070	57.8
Blagoevgrad	1491	44.4
Bourgas	1870	44.5
Varna	2263	49.3
V. Tarnovo	1433	49.9
Vidin	514	41.9
Vratza	967	44.7
Gabrovo	979	70.4
Dobrich	1046	50.2
Kardgali	875	54.3
Kjustendil	1098	70.2
Lovetch	1329	81.4
Montana	900	51.8
Pazardgik	1374	45.3
Pernik	735	51.0
Pleven	1450	46.0
Plovdiv	4000	56.3
Razgrad	580	40.7
Rousse	1038	39.8
Silistra	606	44.1
Sliven	975	45.7
Smoljan	849	62.9
Sofia-city	9004	74.5
Sofia	1500	56.6
St. Zagora	2602	71.5
Targovshte	679	49.1
Haskovo	1026	38.0
Shoumen	905	45.1
Yambol	507	33.9

¹⁾ Beds belonging to other administrations are included, but not allocated by regions.

7. Medical Personnel in Health Facilities in 2003

Regions	Physicians	Dentists	Auxiliary medical personnel	Incl.:		
				Med.assist.	Midwives	Nurses
Number						
Total¹⁾	28128	6475	45731	2334	3456	29650
Blagoevgrad	837	249	1426	94	93	1006
Bourgas	1110	267	2063	138	134	1352
Varna	1982	362	2323	63	266	1425
V. Tarnovo	876	205	1600	137	86	1101
Vidin	394	115	700	89	56	413
Vratza	701	111	1213	81	95	813
Gabrovo	485	119	896	68	59	587
Dobrich	626	122	1018	60	89	644
Kardgali	397	93	676	43	73	445
Kjustendil	460	127	808	58	47	525
Lovetch	585	120	878	73	58	574
Montana	475	100	769	67	56	478
Pazardgik	743	213	1148	53	93	714
Pernik	468	142	635	17	51	414
Pleven	1228	192	1982	91	151	1313
Plovdiv	2613	848	4389	97	340	2844
Razgrad	325	70	661	49	41	427
Rousse	660	162	1235	110	93	773
Silistra	355	63	746	67	76	471
Sliven	568	136	972	50	59	638
Smoljan	374	102	757	72	62	484
Sofia-city	6171	1562	9002	167	710	5633
Sofia	955	149	1747	81	121	1194
St. Zagora	1437	280	2405	99	173	1665
Targovschte	365	65	713	49	56	445
Haskovo	746	191	1376	100	149	865
Shoumen	630	99	1206	72	90	845
Yambol	374	99	666	50	53	420

¹⁾ Personnel belonging to other administrations are included, but not allocated by regions.

7. Medical Personnel in Health Facilities in 2003

(continued from previous)

Regions	Physicians	Dentists	Auxiliary medical personnel	Incl.:		
				Med.assist.	Midwives	Nurses
Per 10000 population						
Total¹⁾	36.1	8.3	58.6	3.0	4.4	38.0
Blagoevgrad	24.9	7.4	42.5	2.8	2.8	30.0
Bourgas	26.4	6.4	49.1	3.3	3.2	32.2
Varna	43.2	7.9	50.6	1.4	5.8	31.1
V. Tarnovo	30.5	7.1	55.7	4.8	3.0	38.4
Vidin	32.1	9.4	57.1	7.3	4.6	33.7
Vratza	32.4	5.1	56.1	3.7	4.4	37.6
Gabrovo	34.9	8.6	64.4	4.9	4.2	42.2
Dobrich	30.0	5.9	48.8	2.9	4.3	30.9
Kardgali	24.7	5.8	42.0	2.7	4.5	27.6
Kjustendil	29.4	8.1	51.7	3.7	3.0	33.6
Lovetch	35.8	7.3	53.8	4.5	3.6	35.1
Montana	27.4	5.8	44.3	3.9	3.2	27.5
Pazardgik	24.5	7.0	37.9	1.7	3.1	23.5
Pernik	32.5	9.9	44.1	1.2	3.5	28.7
Pleven	39.0	6.1	62.9	2.9	4.8	41.7
Plovdiv	36.8	11.9	61.7	1.4	4.8	40.0
Razgrad	22.8	4.9	46.4	3.4	2.9	30.0
Rousse	25.3	6.2	47.3	4.2	3.6	29.6
Silistra	25.8	4.6	54.3	4.9	5.5	34.3
Sliven	26.6	6.4	45.6	2.3	2.8	29.9
Smoljan	27.7	7.6	56.1	5.3	4.6	35.8
Sofia-city	51.0	12.9	74.5	1.4	5.9	46.6
Sofia	36.0	5.6	65.9	3.1	4.6	45.1
St. Zagora	39.5	7.7	66.1	2.7	4.8	45.7
Targovschte	26.4	4.7	51.6	3.5	4.1	32.2
Haskovo	27.6	7.1	50.9	3.7	5.5	32.0
Shoumen	31.4	4.9	60.1	3.6	4.5	42.1
Yambol	25.0	6.6	44.5	3.3	3.5	28.1

¹⁾ Personnel belonging to other administrations are included, but not allocated by regions.

VIII. INTERNATIONAL REVIEW

1. Birth Rate, Death Rate and Natural Growth

(per 1000 population)

Countries	Year	Birth rate	Death rate	Natural growth	Countries	Year	Birth rate	Death rate	Natural growth	
Austria	1980	12.0	12.2	-0.2	Norway	1980	12.5	10.1	2.4	
	1985	11.6	11.9	-0.3		1985	12.3	10.7	1.6	
	1990	11.7	10.7	1.0		1990	14.4	10.9	3.5	
	1995	11.0	10.1	0.9		1995	13.8	10.4	3.5	
	1998	10.1	9.8	0.4		1998	13.2	9.9	3.2	
	2000	9.7	9.6	0.3		2000	13.2	9.8	3.4	
	2001	9.4	9.3	0.1		2001	12.6	9.7	2.9	
Belgium	2002*	9.7	9.5	0.2	2002*	12.2	9.9	2.3		
	Poland	1980	12.6	11.5	1.1	1980	19.5	9.8	9.7	
		1985	11.6	11.3	0.2	1985	18.2	10.3	8.0	
		1990	12.4	10.5	1.9	1990	14.3	10.2	4.1	
		1995	11.4	10.5	1.0	1995	11.2	10.0	1.2	
		1998	11.2	10.3	1.1	1998	10.2	9.7	0.5	
		2000	11.3	10.2	1.0	2000	9.8	9.5	0.3	
2001		11.1	10.1	1.0	2001	9.6	9.5	0.1		
Bulgaria	2002*	11.0	10.3	0.7	2002*	9.3	9.4	-0.1		
	Germany	1980	14.5	11.1	3.4	1980	...	...	...
		1985	13.3	12.0	1.3	1985	...	...	...
		1990	12.1	12.5	-0.4	1990	...	...	...
		1995	8.6	13.6	-5.0	1995	9.4	10.8	-1.5	
		1998	7.9	14.3	-6.4	1998	9.6	10.4	-0.7	
		2000	9.0	14.1	-5.1	2000	9.3	10.2	-0.8	
2001		8.6	14.2	-5.6	2001	8.9	10.1	-1.2		
United Kingdom	2002	8.5	14.3	-5.8	2002*	8.8	10.2	-1.4		
	2003	8.6	14.3	-5.7	Switzerland	1980	11.7	9.4	2.3	
	Netherlands	1980	13.4	11.7		1.6	1985	11.5	9.2	2.3
		1985	13.3	11.8		1.4	1990	12.5	9.5	3.0
		1990	13.9	11.1		2.7	1995	11.7	9.0	2.7
		1995	12.5	10.9		1.5	1998	11.1	8.8	2.3
		1998	12.1	10.6		1.5	2000	10.9	8.7	2.2
2000		11.4	10.2	1.1		2001	10.2	8.5	1.7	
2001		11.2	10.0	1.2	2002*	9.9	8.5	1.4		
2002*	11.3	10.3	1.0	Roumania	1980	18.0	10.4	7.5		
Netherlands	1980	12.8	8.1		4.7	1985	15.8	10.9	4.9	
	1985	12.3	8.5		3.8	1990	13.6	10.7	2.9	
	1990	13.2	8.6		4.6	1995	10.4	12.0	-1.6	
	1995	12.3	8.8		3.5	1998	10.5	12.0	-1.5	
	1998	12.7	8.8		3.9	2000	10.4	11.4	-1.0	
	2000	13.0	8.8		4.2	2001	10.1	11.9	-1.8	
	2001	12.6	8.7	3.9	2002*	9.6	12.3	-2.7		
2002*	12.6	8.9	3.7							

* Preliminary indicators

2. Infant Mortality Rate

(per 1000 live births)

<i>Countries</i>	1980	1985	1990	1995	1998	1999	2000	2001	2002*
Austria	14.3	11.2	7.8	5.4	4.9	4.4	4.8	4.8	4.1
Belgium	12.1	9.8	7.9	6.1	5.6	4.9	4.8	4.5	4.9
Bulgaria	20.2	15.4	14.8	14.8	14.4	14.6	13.3	14.4	13.3 ¹⁾
United Kingdom	12.1	9.3	7.9	6.2	5.7	5.8	5.6	5.5	5.3
Greece	17.9	14.1	9.7	8.1	6.7	6.2	6.1	5.1	5.9
Spain	12.3	8.9	7.6	5.5	4.9	4.5	3.9	3.5	3.4
Italy	14.6	10.5	8.2	6.1	5.4	5.2	4.5	4.7	4.7
Norway	8.1	8.5	6.9	4.0	3.9	3.9	3.8	3.9	...
Poland	21.3	18.5	16.0	13.6	9.5	8.9	8.1	7.7	7.5
Portugal	24.3	17.8	10.9	7.4	6.0	5.6	5.5	5.0	5.0
Roumania	29.3	25.6	26.9	21.2	20.5	18.6	18.6	18.4	17.3
Russia	22.0	20.8	17.6	18.2	16.5	16.9	15.5	14.6	...
Hungary	23.2	20.4	14.8	10.7	9.7	8.4	9.2	8.1	7.2
France	10.0	8.3	7.3	4.9	4.6	4.3	4.6	4.5	4.5
Germany	...	...	...	5.3	4.7	4.5	4.4	4.3	4.3
Czech republic	16.9	12.5	10.8	7.7	5.2	4.6	4.1	4.0	4.1
Switzerland	9.1	6.9	6.8	5.0	4.8	4.6	4.9	5.0	4.5

* Preliminary indicators

¹⁾ Finally indicators

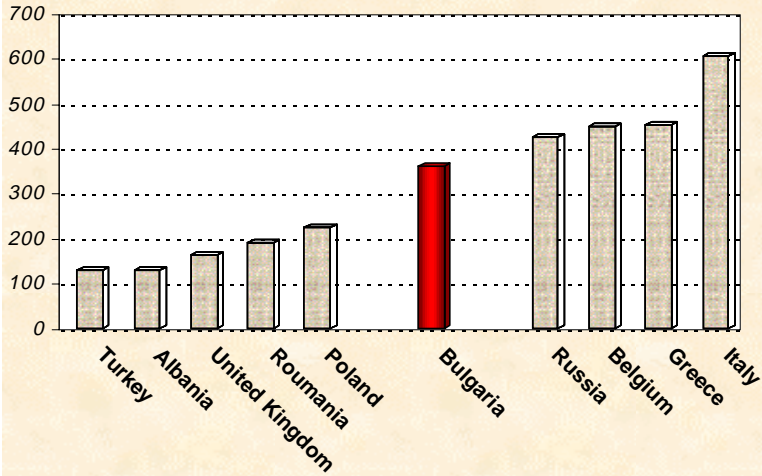
3. Medical Personnel and Hospital Beds

(per 100 000 population)

<i>Countries</i>	<i>Year</i>	<i>Physicians</i>	<i>Year</i>	<i>Dentists</i>	<i>Year</i>	<i>Beds</i>
Albania	2002	129.6	1999	8.7	2002	306.2
Austria	2002	332.8	2002	51.0	2002	844.4
Belgium	2002	447.8	2002	80.5	2001	699.0
Bulgaria	2003	360.6	2003	83.0	2003	601.4
Czech republic	2002	350.5	2002	65.7	2002	860.2
Germany	2002	335.6	2002	78.7	2001	901.1
Denmark	2002	364.6	2002	89.9	2001	421.8
Finland	2002	316.2	2002	89.6	2002	731.2
France	2002	333.0	2002	67.8	2001	793.2
Greece	2001	451.3	2001	116.7	2000	483.8
Hungary	2002	319.5	2002	47.7	2002	785.1
Ireland	2001	238.3	2001	52.2	2002	354.1
Israel	2002	371.3	2002	113.3	2002	610.6
Italy	2001	606.7	2001	59.2	2001	442.9
Luxembourg	2002	259.3	2002	67.9	2001	687.0
Netherlands	2002	314.9	2002	47.2	2001	466.0
Norway	2002	364.5	2001	124.7	2001	437.3
Poland	2001	224.1	2001	26.2	2001	549.5
Portugal	2001	331.2	2001	47.8	2001	383.2
Roumania	2002	190.6	2002	22.4	2002	746.0
Spain	2000	324.3	2000	43.7	2001	401.2
Russia	2002	425.9	2002	32.4	2002	1071.3
Switzerland	2002	361.6	2002	48.8	2001	603.7
Sweden	2000	304.1	1997	152.1	1997	522.0
Turkey	2001	127.2	2001	23.5	2002	236.6
United Kingdom	1993	163.9	1992	39.8	1997	416.9
Europe	2002	359.8	2002	50.9	2002	724.5

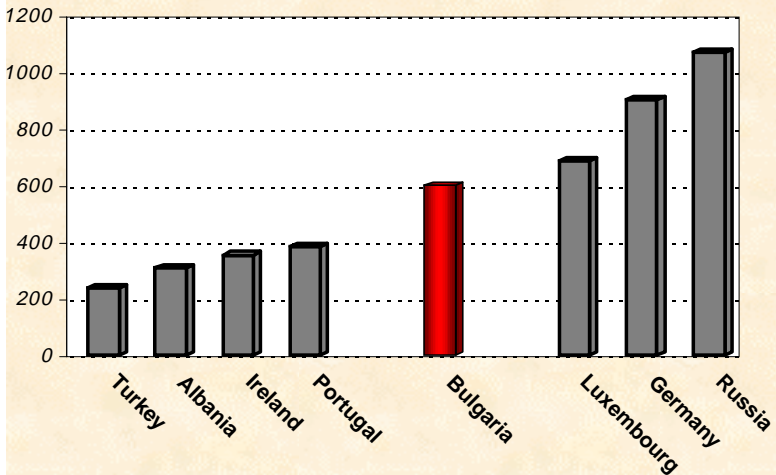
Number of Physicians

(per 100 000 population)



Number of Hospital Beds

(per 100 000 population)





NCHI

National Center for Health Information

About the National Center for Health Information

The National Center for Health Information will solve your information problems in the field of medicine and healthcare:

- ▶ *It creates and maintains information databases about the health-demographic status of the population, the resources and activities of healthcare.*
- ▶ *It surveys the information needs of medical practice and provides for their documentary insurance.*
- ▶ *It provides medico-statistic information to state bodies.*
- ▶ *It prepares specialized healthcare analyses by request from the relevant organizations.*
- ▶ *It prepares, distributes and introduces information technologies, products and systems.*
- ▶ *It provides tech support and installation and maintains program products.*
- ▶ *It prepares informative and other types of publications for printing.*

Director: Doctor of Economics, assoc. prof. Christian Griva griva@nchi.government.bg

Office: Sofia 1431, 15 "Akad. Ivan Geshov" blv.

tel.: (+359-2) 951 53 02; fax: (+359-2) 951 52 38

e-mail: office@nchi.government.bg; <http://www.nchi.government.bg>

PUBLIC HEALTH STATISTICS, Bulgaria 2003, Annual

ISSN 1310–2931

Издава *Национален център по здравна информация*
София, 2004 г.

Печат *Национален център по здравна информация*

Тираж 100