

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



PUBLIC HEALTH STATISTICS

■ Annual

■ Bulgaria, 2002

■■■■■■■■■■■■■■■■■■■■ Sofia, 2003 ■■■■■■■■■■■■■■■■■■■■

CONTENTS

I. POPULATION AND VITAL STATISTICS

1. Population on 31.XII.	5
2. Population by age on 31.XII.2002	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 2002 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 31.12.2002 and by type of disease	23
8. Patients discharged from hospitals by age	24
9. Patients discharged from hospitals by classes of diseases in 2002	25
10. Primary disability	26
11. Disabled persons by class of disease and loss of capacity in 2002	27
12. Mortality by causes in 2002	28

III. HEALTH FACILITIES

1. Health facilities and hospital beds in 2002	30
2. Beds in hospitals on 31.XII.2002 by type	31

IV. HEALTH PERSONNEL	
1. Medical personnel	32
2. Physicians by speciality	34
V. ACTIVITIES OF THE HEALTH FACILITIES	
1. Activities of the inpatient wards of the hospital health care facilities in 2002	35
2. Utilization, turnover and average length of stay in health care facilities in 2002 by type of beds	37
3. Induced abortions in health facilities during 2002 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 2002	40
VI. ECONOMICAL INDICATORS FOR THE ACTIVITIES OF THE MUNICIPAL HEALTH FACILITIES	
1. Basic economical indicators for activities of regional health facilities subordinated to the municipalities	41
VII. REVIEW BY REGIONS	
1. Population on 31.XII.2002	42
2. Live births in 2002	44
3. Deaths in 2002	45
4. Natural growth of population in 2002	46
5. Infant mortality in 2002	47
6. Number of beds on 31.XII.2002	48
7. Medical personnel in health facilities in 2002	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
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

2. Population by Age on 31.XII.2002

<i>Age</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Urban</i>	<i>Rural</i>
Total	7845841	3816162	4029679	5461255	2384586
0–4	327605	168399	159206	230855	96750
5–9	343775	176397	167378	236645	107130
10–14	472058	242459	229599	335003	137055
15–19	529278	271249	258029	401741	127537
20–24	559367	287278	272089	426724	132643
25–29	588382	300285	288097	449342	139040
30–34	557104	283428	273676	416450	140654
35–39	508118	256132	251986	377723	130395
40–44	541032	270297	270735	404701	136331
45–49	559816	275972	283844	418120	141696
50–54	578463	280350	298113	421059	157404
55–59	513011	243311	269700	348685	164326
60–64	431531	198476	233055	260241	171290
65–69	438823	195895	242928	246651	192172
70 +	897478	366234	531244	487315	410163

3. Age¹⁾ Structure of the Population

(percents)

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
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
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

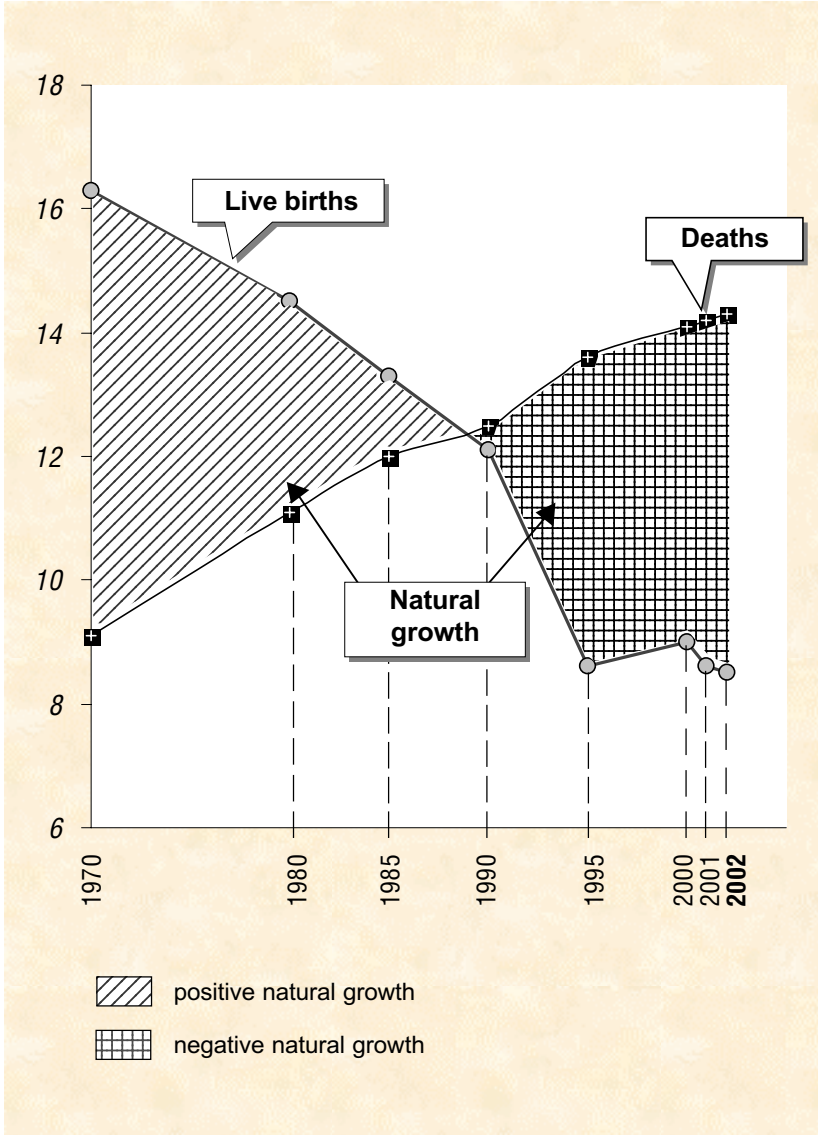
¹⁾ Till 1996 age groups are: 0-14, 15-59 and 60+ years.

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
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
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

Live Births, Deaths and Natural Growth

(per 1000 population)



5. Births and Abortions

Year	Births	Abortions	Births	Abortions
	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

6. Age Specific Fertility Rates

(per 1000 women at 15–49)

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

8. Perinatal, Neonatal and Postneonatal Infant Mortality

(per 1000 live births)

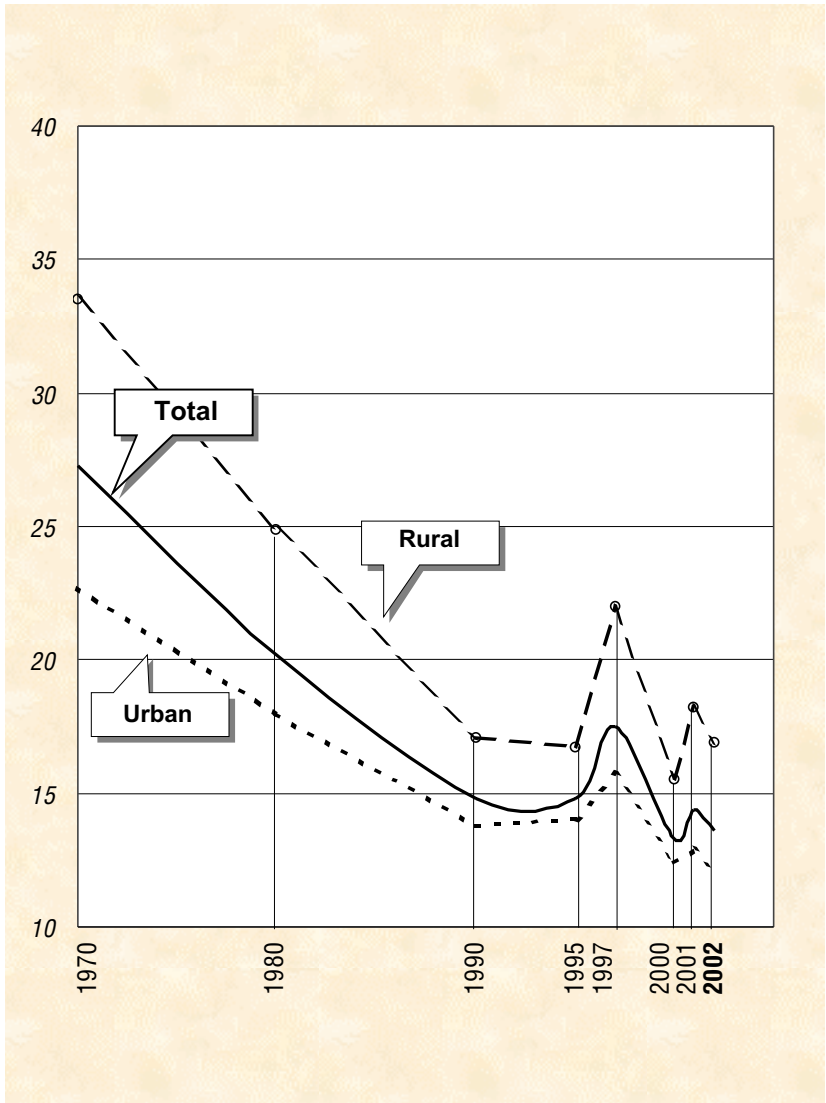
	<i>1980</i>	<i>1990</i>	<i>1995</i>	<i>2000</i>	<i>2001</i>	<i>2002</i>
Perinatal ¹⁾	15.0	11.1	11.8	12.2	12.3	12.6
Neonatal	10.4	7.7	7.8	7.5	7.8	7.3
Postneonatal ²⁾	10.0	7.1	7.1	5.9	6.7	6.1

¹⁾ Per 1000 births.

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

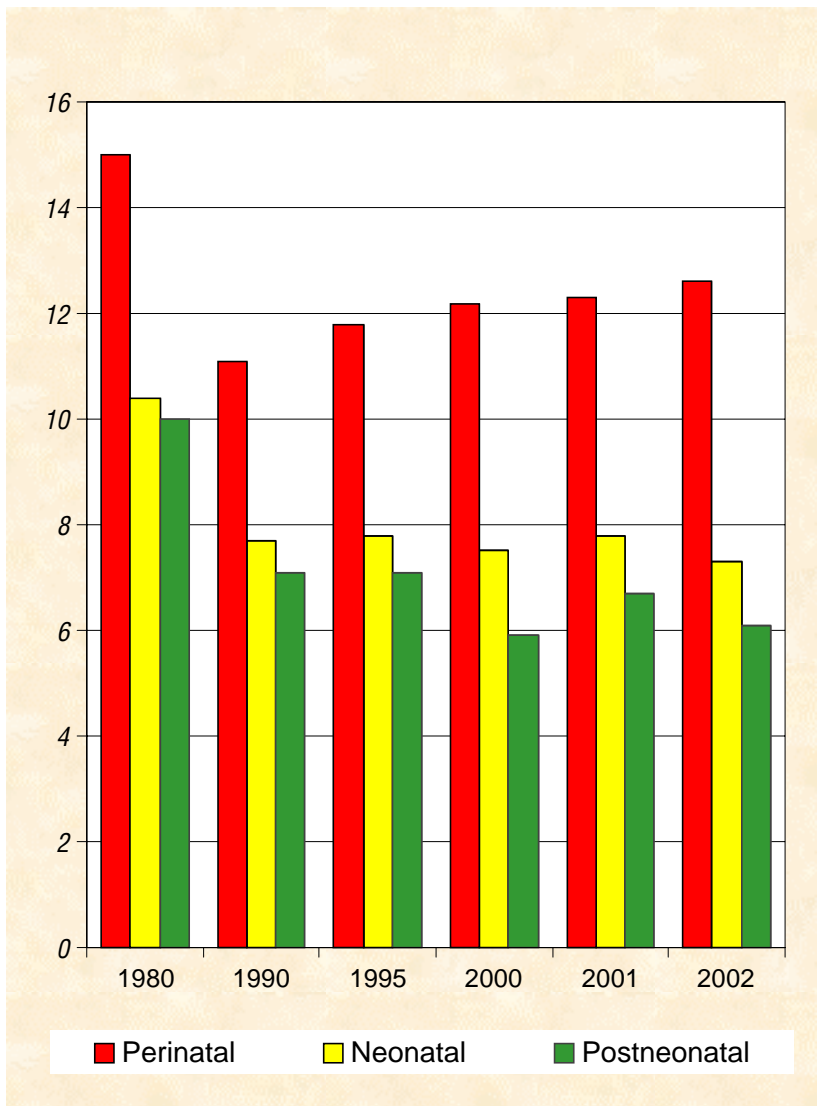
Infant Mortality

(per 1000 live births)



Perinatal, Neonatal and Postneonatal Infant Mortality

(per 1000 live births)



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
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
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

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

* 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

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		
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
1994	10889512	3642763	7246749	1289.7	2349.1	1051.3
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

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

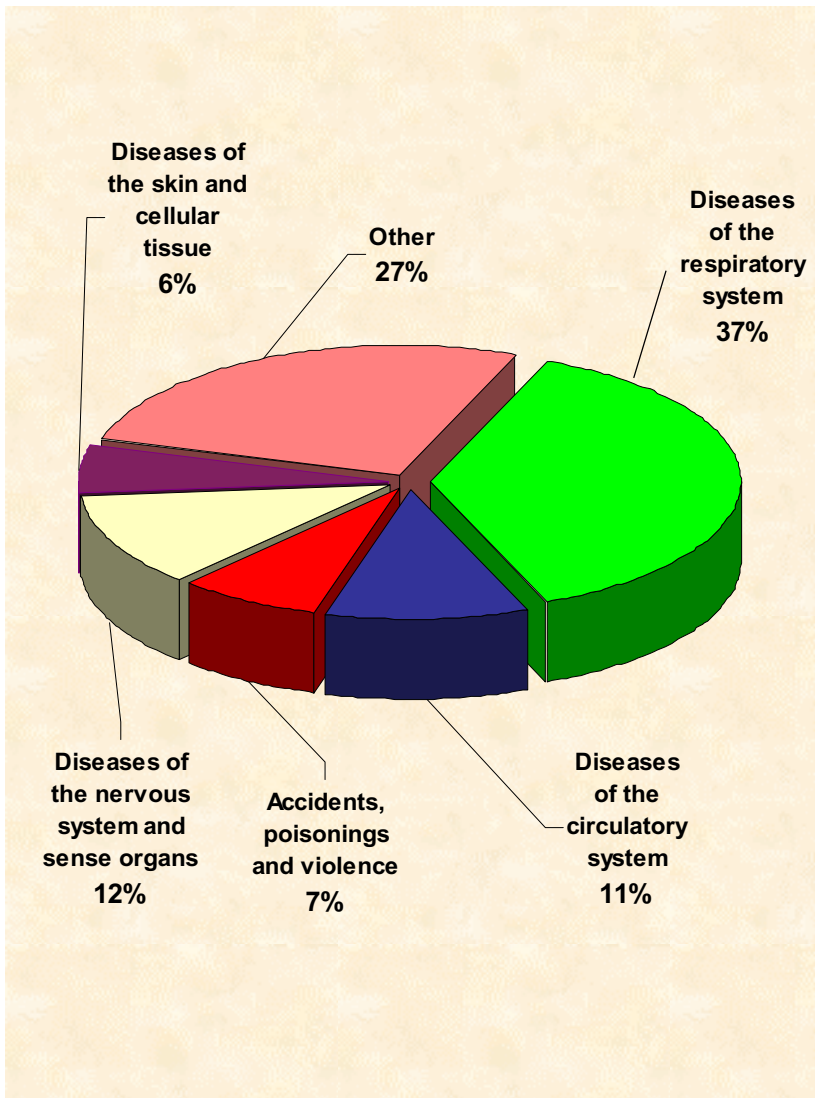
²⁾ Extrapolation data.

2. Registered Cases¹⁾ of Diseases in Health Facilities in 2002 by Classes of Diseases

<i>No by ICD-IX</i>	<i>Classes</i>	<i>Number of cases</i>	<i>Per 1000 population</i>	<i>Per- centage</i>
	Total	10752518	1366.4	100.0
	I. Infectious and parasitic diseases	452565	57.5	4.2
	II. Neoplasms	85198	10.8	0.8
	III. Allergic, endocrine system, metabolic and nutritional diseases	211248	26.8	2.0
	IV. Diseases of the blood and blood forming organs	32986	4.2	0.3
	V. Mental, psychoneurotic and personality disorders	317763	40.4	2.9
	VI. Diseases of the nervous system and sense organs	1251038	159.0	11.6
	VII. Diseases of the circulatory system	1147566	145.8	10.7
	VIII. Diseases of the respiratory system	4051752	514.9	37.7
	IX. Diseases of the digestive system	570942	72.6	5.3
	X. Diseases of the genito-urinary system	692058	87.9	6.4
	XI. Deliveries and complications of pregnancy, childbirth and the puerperium	29966	3.8	0.3
	XII. Diseases of the skin and cellular tissue	640418	81.4	5.9
	XIII. Diseases of the bones and organs of movement	362441	46.1	3.4
	XV. Congenital malformations	6212	0.8	0.1
	XV. Certain diseases of early infancy	74	0.0	0.0
	XVI. Symptoms, senility and undefined conditions	104315	13.2	1.0
	XVII. Accidents, poisonings and violence	795976	101.2	7.4

¹⁾ Extrapolation data.

Registered Cases of Diseases in Health Facilities in 2002



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>2001</i>	<i>2002</i>
Diphtheria	0.0	-	-	-	-
Scarlet fever	145.6	85.7	64.6	37.8	45.0
Measles	121.5	1.7	0.6	0.1	0.0
Pertussis	1.7	0.3	1.3	1.0	1.0
Rubeolla	779.1	147.3	348.2	20.9	10.2
Chicken pox	537.2	418.6	285.8	293.8	290.3
Mumps	73.6	1.5	28.8	18.3	4.2
Influenza	2746.6	142.4	366.7	66.2	28.8
Epidemic meningitis	1.2	0.9	1.1	0.5	0.3
Epidemic encephalitis	0.3	0.1	0.3	•	•
Poliomyelitis	-	-	-	0.0	-
Haemorrhagic fever	0.0	0.4	1.8	0.7	3.5
Malaria*	0.1	0.1	0.1	0.2	0.7
Typhoid fever	-	-	3,6	4,6	6,5
Paratyphoid fever	1.4	0.5	0.2	0.2	0.2
Shigellosis	0.0	0.0	-	0.0	0.1
Infectious hepatitis	96.9	61.9	19.8	22.9	16.0
Anthrax	110.8	274.2	104.8	98.8	78.0
Leptospirosis	0.1	0.1	0.2	0.1	0.0
Tetanus	0.2	0.3	0.4	0.3	0.3
Meningitis serosa	0.2	0.1	0.0	0.1	0.0
Bacterial meningitis and meningoencephalitis	2.2	1.5	2.0	•	•
Viral meningitis and meningoencephalitis	•	•	•	2.1	2.5

* All registered cases are imported.

4. Registered Cases of Active Tuberculosis

(per 100 000 population)

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

5. Registered Cases of Malignant Neoplasms

(per 100 000 population)

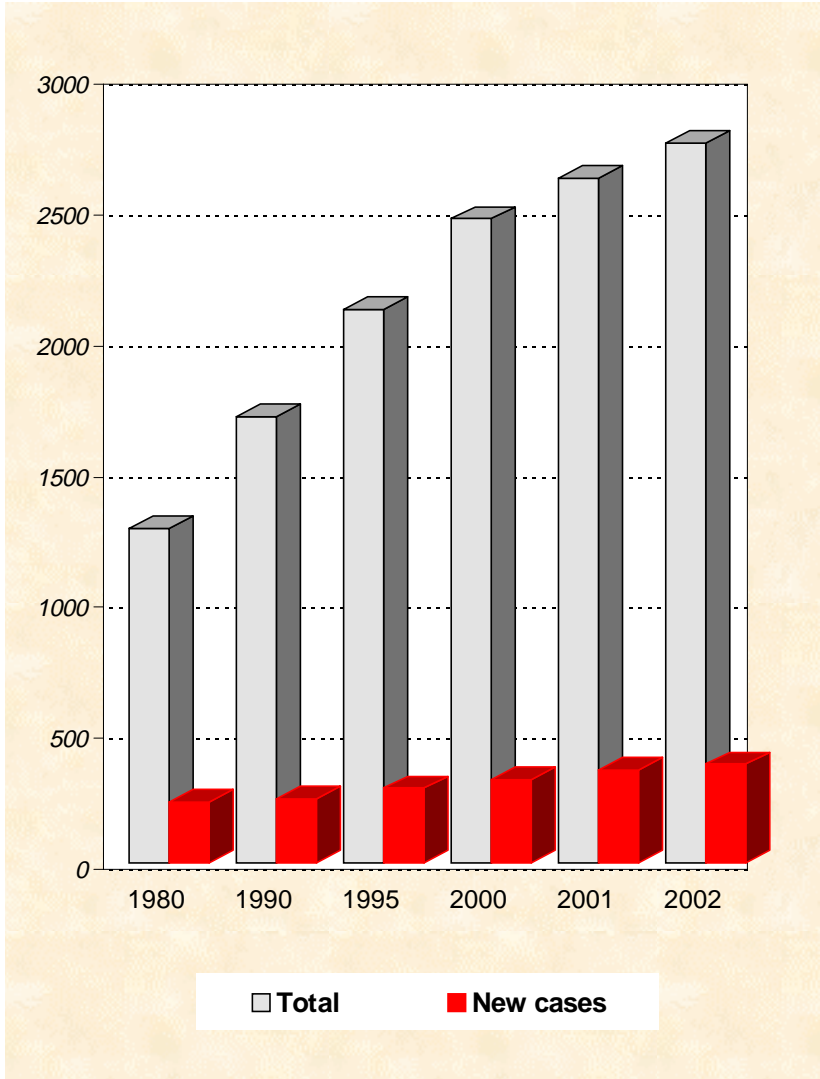
<i>Localization</i>	<i>2001</i>		<i>2002</i>	
	<i>Total</i>	<i>incl. new cases</i>	<i>Total</i>	<i>incl. new cases</i>
Total	2618.2	356.2	2756.1	376.4
Lips, oral cavity and pharynx	124.8	10.2	126.2	10.7
Incl. lips	83.7	2.8	83.2	2.9
Digestive organs and peritoneum	361.5	91.7	383.5	98.2
Incl. stomach	69.8	21.8	72.6	24.4
colon, rectum, recto-sigmoid junction and anus	235.3	45.6	252.7	49.1
Respiratory system	176.2	53.2	182.3	55.3
Incl. trachea, bronchus and lung	113.0	44.7	115.4	45.4
Musculoskeletal system, skin and connective tissue	1105.7	84.4	1154.7	86.1
Incl. melanoma and other skin malignant neoplasms	623.4	39.2	644.4	38.6
female breast	865.3 ¹⁾	82.1 ¹⁾	914.1 ¹⁾	84.0 ¹⁾
Genito-urinary system	646.1	76.9	689.0	83.3
Incl. cervix uteri	277.2 ¹⁾	26.7 ¹⁾	290.8 ¹⁾	27.2 ¹⁾
uterus	338.3 ¹⁾	26.3 ¹⁾	355.8 ¹⁾	28.0 ¹⁾
ovary and attributes of the uterus	142.3 ¹⁾	18.4 ¹⁾	151.3 ¹⁾	21.1 ¹⁾
prostate	166.7 ²⁾	32.7 ²⁾	181.8 ²⁾	36.1 ²⁾
bladder	88.2	13.1	93.4	14.8
Other and unspecified site	110.3	25.2	118.6	26.8
Lymphoid and haematopoietic tissue	93.6	14.7	101.8	16.0

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>2001</i>	<i>2002</i>
Syphilis	31.2	54.2	119.7	117.5	94.4
incl. new cases	4.4	20.2	19.4	18.7	16.4
Gonorrhoea	68.4	27.8	9.6	7.2	6.0
incl. new cases	62.3	23.7	7.3	5.8	5.0
Microsporia	35.3	36.2	32.2	32.6	24.3
incl. new cases	32.3	32.1	23.3	20.5	16.5
Trychophytia	13.3	31.3	26.7	31.6	27.3
incl. new cases	9.9	28.8	15.9	23.8	19.8

7. Patients Under Dispensary Observation of Psychiatric Facilities, Wards and Consultations on 31.12.2002 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>2001</i>	<i>2002</i>
Total	2656.7	2799.2	2696.2	2854.9	2952.2
Schizophrenia (295)	340.9	389.6	424.4	469.5	528.7
Manic-depressive disorder – depressive type (296.1, 296.3)	181.2	227.5	250.7	272.1	322.5
Neurotic disorders (300, excl. p.4)	221.2	213.7	199.8	213.7	217.4
Personality disorders (301)	105.2	106.8	100.0	101.3	103.4
Alcohol dependent syndrome (303)	325.9	324.3	271.4	278.4	271.0
Mild mental retardation (317)	389.7	408.3	372.7	388.1	386.0
Moderate mental retardation (318.0)	151.1	165.1	161.3	170.4	174.9
Epilepsy (345)	293.3	319.9	313.0	318.8	316.4
All other diseases	648.2	644.0	602.9	642.6	631.9

8. Patients Discharged from Hospitals¹⁾ by Age²⁾

Year	Total	Age groups		Total	Age groups	
		0-17	18+		0-17	18+
Number			Per 100 population			
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

¹⁾ Till 1999 – from general type hospitals only.

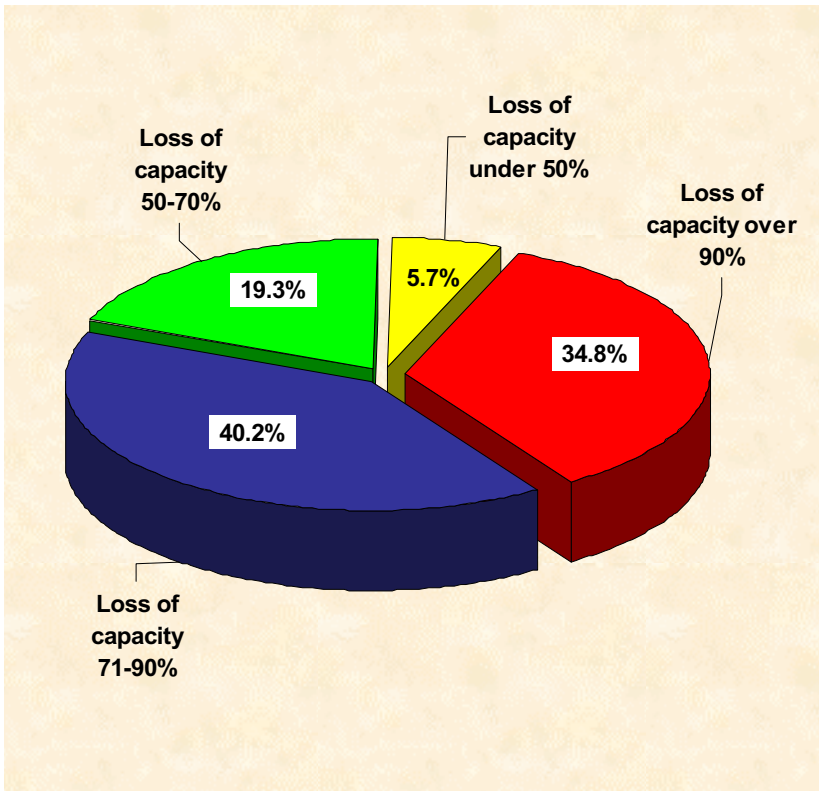
²⁾ Till 1996 age groups are: 0–14 and 15+ years.

9. Patients Discharged from Hospitals by Classes of Diseases in 2002

<i>No by ICD-IX</i>	<i>Classes</i>	<i>Number</i>	<i>Per 100 population</i>	<i>Percentage</i>
	Total	1234255	15.7	100.0
	I. Infectious and parasitic diseases	44683	0.6	3.6
	II. Neoplasms	120120	1.5	9.7
	III. Allergic, endocrine system, metabolic and nutritional diseases	35580	0.4	2.9
	IV. Diseases of the blood and blood forming organs	13266	0.2	1.1
	V. Mental, psychoneurotic and personality disorders	41367	0.5	3.4
	VI. Diseases of the nervous system and sense organs	74739	0.9	6.1
	VII. Diseases of the circulatory system	180324	2.3	14.6
	VIII. Diseases of the respiratory system	190009	2.4	15.4
	IX. Diseases of the digestive system	101189	1.3	8.2
	X. Diseases of the genito-urinary system	95590	1.2	7.7
	XI. Deliveries and complications of pregnancy, childbirth and the puerperium	147466	1.9	12.0
	XII. Diseases of the skin and cellular tissue	25092	0.3	2.0
	XIII. Diseases of the bones and organs of movement	56021	0.7	4.5
	XIV. Congenital malformations	6314	0.1	0.5
	XV. Certain diseases of early infancy	14602	0.2	1.2
	XVI. Symptoms, senility and undefined conditions	5009	0.1	0.4
	XVII. Accidents, poisonings and violence	82884	1.1	6.7

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



11. Disabled Persons by Class of Disease and Loss of Capacity in 2002

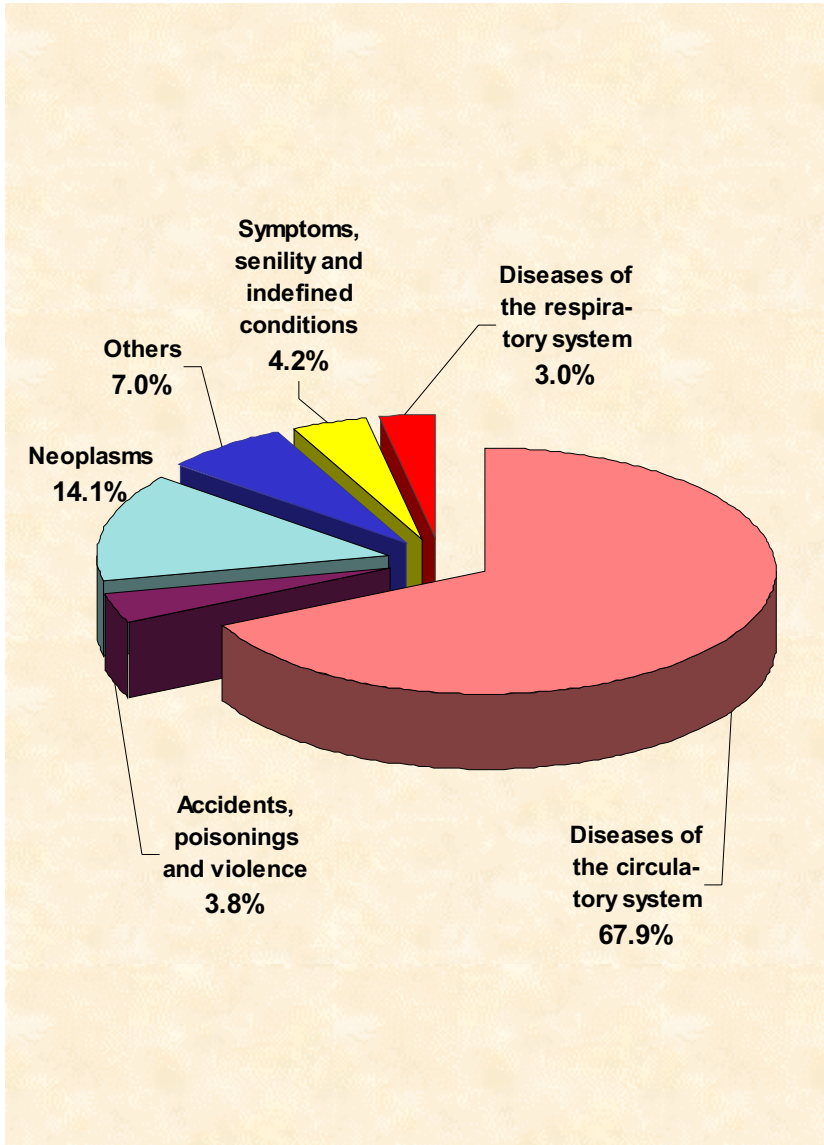
loss of capacity

№ by ICD-IX	Classes	over 90%	71% - 90%	50% - 70%	under 50%	Total
	Total	34.8	40.2	19.3	5.7	100
	I. Infectious and parasitic diseases	12.1	77.7	7.0	3.2	100
	II. Neoplasms	52.6	42.1	4.7	0.6	100
	III. Allergic, endocrine system, metabolic and nutritional diseases	25.2	49.2	22.0	3.6	100
	IV. Diseases of the blood and blood forming organs	23.6	41.1	26.4	8.9	100
	V. Mental, psychoneurotic and personality disorders	39.3	34.6	20.8	5.3	100
	VI. Diseases of the nervous system and sense organs	37.8	40.9	16.8	4.5	100
	VII. Diseases of the circulatory system	12.5	36.8	33.9	16.8	100
	VIII. Diseases of the respiratory system	27.1	35.3	24.0	13.6	100
	IX. Diseases of the digestive system	23.0	41.4	25.0	10.6	100
	X. Diseases of the genito-urinary system	32.2	37.8	23.5	6.5	100
	XI. Deliveries and complications of preg- nancy, childbirth and the puerperium	11.4	34.1	40.5	14.0	100
	XII. Diseases of the skin and cellular tissue	33.3	26.6	28.3	11.8	100
	XIII. Diseases of the bones and organs of movement	21.9	37.6	26.2	14.3	100
	XIV. Congenital malformations	34.8	40.2	19.3	5.7	100
	XV. Certain diseases of early infancy	12.1	77.7	7.0	3.2	100
	XVI. Symptoms, senility and undefined conditions	52.6	42.1	4.7	0.6	100
	XVII. Accidents, poisonings and violence	25.2	49.2	22.0	3.6	100
	Other classes	23.6	41.1	26.4	8.9	100

9. Mortality by Causes in 2002

<i>Cause of death</i>	<i>Number</i>	<i>Per 100 000 population</i>	<i>Percentage</i>
Total	112617	1431.2	100.0
Infectious and Parasitic Diseases	598	7.6	0.5
Neoplasms	15839	201.3	14.1
Allergic, endocrine system, metabolic and nutritional diseases	2039	25.9	1.8
Diseases of the blood and blood forming organs	123	1.6	0.1
Mental, psychoneurotic and personality disorders	185	2.4	0.2
Diseases of the nervous system and sense organs	783	10.0	0.7
Diseases of the circulatory system	76432	971.3	67.9
Diseases of the respiratory system	3329	42.3	3.0
Diseases of the digestive system	2865	36.4	2.5
Diseases of the genito-urinary system	900	11.4	0.8
Deliveries and complications of pregnancy, childbirth and the puerperium	11	0.1	0.0
Diseases of the skin and cellular tissue	25	0.3	0.0
Diseases of the bones and organs of movement	39	0.5	0.0
Congenital malformations	234	3.0	0.2
Certain diseases of early infancy	265	3.4	0.2
Symptoms, senility and undefined conditions	4707	59.8	4.2
Accidents, poisonings and violence	4243	53.9	3.8

Mortality by Causes in 2002



III. HEALTH FACILITIES

1. Health Facilities and Hospital Beds in 2002

<i>Types of health facilities</i>	<i>Number</i>	<i>Beds</i>
Health facilities for hospital care – total	251	46929
Multiprofile hospitals	127	30907
Multiprofile hospital for active treatment	124	30632
Multiprofile hospital for continuing, long term treatment and rehabilitation	3	275
Specialized hospitals	73	9487
Specialized hospital for active treatment	29	3954
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	25	4132
Psychiatric hospitals	11	2780
Other inpatient facilities	2	110
Hospitals of other administrations	14	3170
Private facilities for hospital care	24	475
Health facilities for outpatient care		
Medical center	418	212
Dental center	70	-
Medico-dental center	46	25
Diagnostic-consulting center	106	142
Stand-alone medico-diagnostic and medico-technical laboratories	783	-
Other healthcare and health facilities		
Prophylactic centers	49	4101
For pulmonary diseases	13	792
For dermato-venerological diseases	12	223
For oncological diseases	12	1512
For psychiatric diseases	12	1574
Emergency healthcare centers	28	-
Stand-alone centers for transfusional haematology	4	-
Medico-social care for children centers	32	4037
Hospises	45	187
National centers without beds	6	-
Regional centers for health	28	-
Hygiene-epidemiology inspectorates	29	-
Sanatorial facilities	2	410

2. Beds in Hospitals on 31.XII.2002 by Type

<i>Type of beds</i>	<i>Number of beds</i>	<i>Percentage</i>	<i>Per 10 000 population</i>
Total*	46929		59.8
Internal diseases	4370	10.0	5.6
Endocrinological	599	1.4	0.8
Reumatological	145	0.3	0.2
Cardiological	1366	3.1	1.7
Nephrological	461	1.1	0.6
Haematological	280	0.6	0.4
Gastroenterological	748	1.7	1.0
Pulmophthysiatrical	2066	4.7	2.6
Surgical	4816	11.0	6.1
Traumatological	1678	3.8	2.1
Neurosurgical	439	1.0	0.6
Urological	905	2.1	1.2
Gynecological	1558	3.6	2.0
Obstetrics	1688	3.9	2.2
Pathological maternity	767	1.7	1.0
Neonatological	1011	2.3	1.3
Pediatric	2327	5.3	3.0
Micropediatric	489	1.1	0.6
For immature infants, with dystrophy, or birth defects	140	0.3	0.2
Oncological	522	1.2	0.7
Infectious	1351	3.1	1.7
Ophtalmological	729	1.7	0.9
Oto-rhino-laryngological	697	1.6	0.9
Dermato-venerological	321	0.7	0.4
Neurological	2715	6.2	3.5
Psychiatric	3575	8.2	4.6
For continuing and long term treatment	288	0.7	0.4
Physiotherapeutic and rehabilitation	4943	11.3	6.3
Intensive care	2028	4.6	2.6
Other specialized	208	0.5	0.3
Home care	29	0.1	0.0
Day care	500	1.1	0.6

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

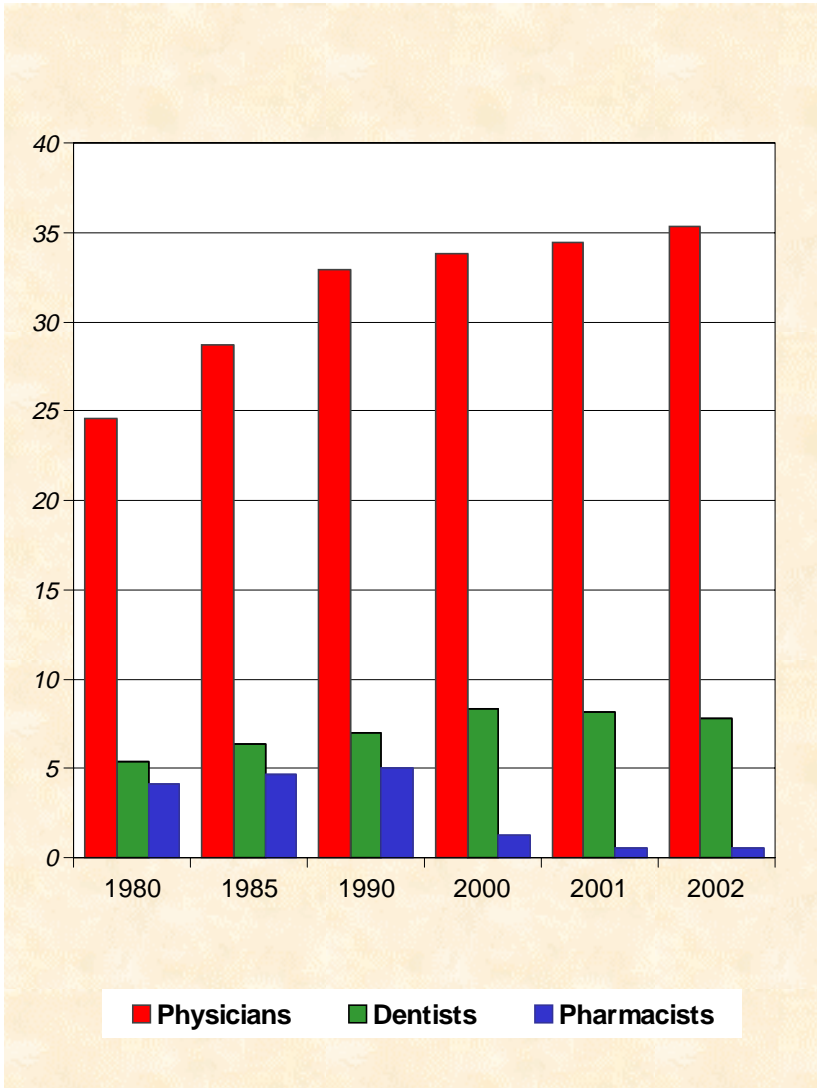
IV. HEALTH PERSONNEL

1. Medical Personnel

	1980	1990	2000	2001	2002
Number					
Physicians	21796	28497	27526	27186	27688
Dentists	4839	6109	6778	6482	6144
Pharmacists	3648	4366	1020	391	342
Auxiliary medical personnel Incl.:	77532	88387	49840	46423	45604
med.assist.	7355	7617	3158	2334	1972
midwives	7897	7544	4131	3518	3433
nurses	45449	53810	31479	29769	28508
clinical laboratory and X-ray technicians	6757	7604	5964	6180	5616
dental technicians	2342	2858	1305	1222	1411
pharmaceutical assist.	4057	4089	658	262	220
other	3675	4865	3145	3138	4444
Per 10 000 population					
Physicians	24.6	32.9	33.8	34.4	35.3
Dentists	5.4	7.0	8.3	8.2	7.8
Pharmacists	4.1	5.0	1.3	0.5	0.5
Auxiliary medical personnel	87.3	102.0	61.2	58.7	58.1
Population per:					
one physician	407	304	296	290	283
one dentist	1834	1419	1202	1217	1277

Medical Personnel

(per 10000 population)



2. Physicians by Speciality

<i>Specialties</i>	<i>1985</i>		<i>2000</i>		<i>2001</i>		<i>2002</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⁾	25665	28.7	27526	33.8	27186	34.4	27688	35.3
incl.:								
internists ²⁾	6575	7.3	4724	5.8	4202	5.3	4132	5.3
surgeons ³⁾	2353	2.6	2927	3.6	2832	3.6	2523	3.2
gynaecologists	1497	1.7	1528	1.9	1345	1.7	1361	1.7
pediatricians	3459	3.9	1683	2.1	1513	1.9	1470	1.9
ophthalmologists	636	0.7	716	0.9	634	0.8	606	0.8
oto-rhino-laryngologists	584	0.7	637	0.8	549	0.7	516	0.7
neurologists	1038	1.2	1229	1.5	1157	1.5	1062	1.4
psychiatrists	596	0.7	750	0.9	646	0.8	625	0.8
pulmophthysiatrists	593	0.7	606	0.7	543	0.7	522	0.7
dermatologists	440	0.5	498	0.6	524	0.7	402	0.5
radiologists	763	0.9	815	1.0	798	1.0	776	1.0
physiotherapists	498	0.6	460	0.6	439	0.6	405	0.5
clinical laboratory	471	0.5	598	0.7	560	0.7	533	0.7

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 2002

<i>Types of facilities</i>	<i>Admitted patients</i>	<i>Discharged patients</i>	<i>Deaths</i>
Healthcare facilities for hospital care – total*	1206394	1183225	21806
Multiprofile hospitals	993329	971752	20339
Multiprofile hospital for active treatment	987971	966411	20322
Multiprofile hospital for continuing, long term treatment and rehabilitation	5358	5341	17
Specialized hospitals	190865	189630	1238
Specialized hospital for active treatment	104461	103370	1063
Specialized hospital for continuing and long term treatment	11174	11134	42
Specialized hospital for continuing, long term treatment and rehabilitation	9259	9168	124
Specialized hospital for rehabilitation	65971	65958	9
Psychiatric hospitals	10033	9767	142
Other hospital facilities	4398	4302	81
Private facilities for hospital care	7769	7774	6
Prophylactic centers	72335	71849	413
For pulmonary diseases	9972	9867	136
For dermato-venerological diseases	4637	4641	1
For oncological diseases	42845	42618	252
For psychiatric diseases	14881	14723	24

* Excl. facilities of other administrations.

1. Activities of the Inpatient Wards of the Hospital Health Care Facilities in 2002

(continued from previous)

<i>Types of facilities</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 facilities for hospital care – total*	11313359	259	28	9.2	1.8
Multiprofile hospitals	8295784	270	33	8.3	2.1
Multiprofile hospital for active treatment	8229246	270	33	8.2	2.1
Multiprofile hospital for continuing, long term treatment and rehabilitation	66538	272	22	12.4	0.3
Specialized hospitals	2140924	223	20	11.1	0.7
Specialized hospital for active treatment	958772	238	26	9.1	1.0
Specialized hospital for continuing and long term treatment	191522	259	15	16.8	0.4
Specialized hospital for continuing, long term treatment and rehabilitation	168188	232	13	17.9	1.3
Specialized hospital for rehabilitation	822442	201	16	12.4	0.0
Psychiatric hospitals	818387	294	4	67.2	1.4
Other hospital facilities	35819	326	40	8.1	1.9
Private facilities for hospital care	22445	50	17	2.9	0.1
Prophylactic centers	1115091	278	18	15.1	0.6
For pulmonary diseases	223117	281	13	21.4	1.4
For dermato-venerological diseases	56622	254	21	12.1	0.0
For oncological diseases	400626	278	30	9.3	0.6
For psychiatric diseases	434726	281	10	27.7	0.2

* Excl. facilities of other administrations.

2. Utilization, Turnover and Average Length of Stay in Health Care Facilities in 2002 by Type of Beds

<i>Type of beds</i>	<i>Utilization (days)</i>	<i>Turnover</i>	<i>Average length of stay (days)</i>
Total*	259	28	9.2
Internal diseases	270	31	8.6
Endocrinological	271	30	8.9
Reumatological	316	26	12.0
Cardiological	288	36	8.0
Nephrological	302	31	9.6
Haematological	347	43	8.1
Gastroenterological	301	34	8.8
Pulmophthysiatrical	299	16	18.3
Surgical	243	37	6.5
Traumatological	266	30	9.0
Neurosurgical	295	34	8.7
Urological	265	36	7.5
Gynecological	203	50	4.0
Obstetrics	220	52	4.2
Pathological maternity	311	52	6.0
Neonatological	259	46	5.6
Pediatric	297	40	7.5
Micropediatric	294	37	8.0
For immature infants, with dystrophy, or birth defects	328	10	32.7
Oncological	317	36	8.9
Infectious	178	22	8.0
Opthalmological	201	44	4.6
Oto-rhino-laryngological	241	44	5.5
Dermato-venerological	253	24	10.7
Neurological	276	28	10.0
Psychiatric	301	6	48.7
For continuing and long term treatment	244	13	18.1
Physiotherapeutic and rehabilitation	206	16	12.7
Intensive care	228	53	4.3
Other specialized	197	37	5.3
Home care	154	10	16.0
Day care	403	31	12.8

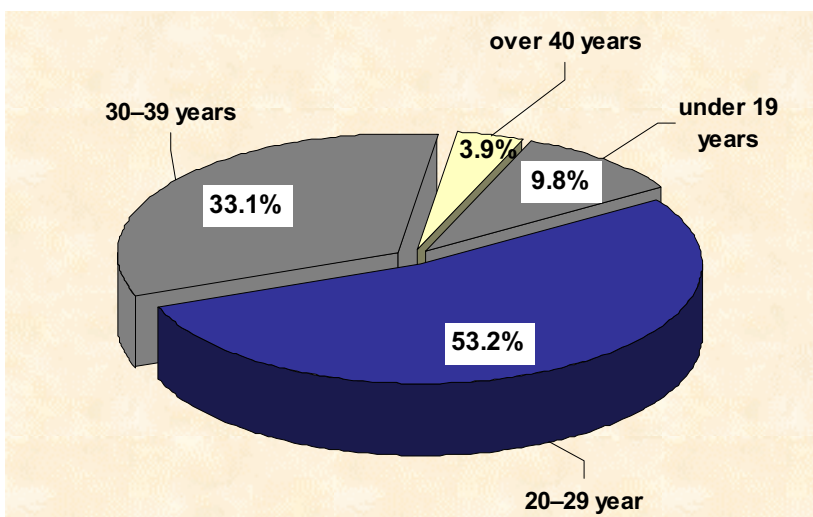
* Excl. facilities of other administrations.

3. Induced Abortions in Health Facilities during 2002 by Age Group and Type of Abortion

(Number)

Age group	Total	Type of abortions			
		Medical indicated	Spontaneous	Illegal	Legal
Total	50824	3965	11039	15	35805
< 15	180	41	80	-	59
15-19	4792	229	1323	1	3239
20-24	13205	384	3159	4	9658
25-29	13840	521	3138	2	10179
30-34	10706	423	2111	3	8169
35-39	6100	1733	921	3	3443
40-44	1788	577	276	2	933
45-49	202	50	30	-	122
> 50	11	7	1	-	3

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>
Total	156056	144644	97092	61378	51165	50824
incl:						
medically indicated	3830	4352	4073	2567	2638	3965
spontaneous abortions	15787	12601	9851	10626	9826	11039
illegal abortions	180	91	69	29	19	15
legal abortions	136259	127600	83099	48156	38682	35805

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

	<i>2001</i>		<i>2002</i>	
	<i>Number</i>	<i>Per cent</i>	<i>Number</i>	<i>Per cent</i>
Registered calls – total	830798	100.0	861778	100.0
incl:				
accidents	578025	69.6	604875	70.2
diseases	130228	15.7	95518	11.1
transportation	122545	14.7	161385	18.7
Persons attended – total	851483	x	888815	x

6. Number and type of surgeries of patients, discharged from hospitals in 2002

<i>Type of surgery</i>	<i>Discharged surgical patients</i>	<i>Incl.:</i>		<i>Lethality (%)</i>
		<i>with compli- cations</i>	<i>died</i>	
Total	309257	3201	2635	0.9
Surgery of gastrointestinal tract	51842	977	888	1.7
Apendectomy due to acute appendicitis	12314	177	18	0.1
Herniotomy due to unobstructed hernia	15566	65	12	0.1
Obstetrics-gynecological surgeries	68945	328	12	0.0
Endocrine surgeries	3787	43	23	0.6
Traumatology surgeries	35788	245	225	0.6
Chest surgeries	7751	204	88	1.1
Urological surgeries	18154	366	102	0.6
Otho-Rhino-Larhingological surgeries	23133	62	13	0.1
Tonsillectomy	7208	7	-	-
Ophtalmological surgeries	24722	42	1	0.0
Catharacta	13508	33	-	-
Neurosurgeries	5369	47	334	6.2
Cardiovascular surgeries	2700	254	86	3.2
Vascular surgeries	3696	49	85	2.3
Facial and dental surgeries	3883	-	7	0.2
Plastic, reconstructive and esthetic surgeries	1725	31	11	0.6
Other surgical interventions	57762	553	760	1.3

VI. ECONOMICAL INDICATORS FOR THE ACTIVITIES OF THE MUNICIPAL HEALTH FACILITIES

1. Basic economical indicators for activities of regional health facilities subordinated to the municipalities

Year	<i>Current maintenance costs in:</i>					
	<i>Inpatient facilities:</i>					<i>Outpatient facilities</i>
	Per patient	Per bed	Per bed day	Per medicine day	Per food day	Per medical examination
1992	2111.7	47637.6	179.5	36.6	22.1	27.9
1993	3426.9	73237.4	292.8	56.7	30.6	49.4
1994	4984.0	104421.3	436.6	81.4	42.7	70.4
1995	7599.0	160295.3	663.2	138.6	62.3	109.5
1996	12124.4	263570.0	1143.5	237.1	108.6	164.1
1998	196.4	4717.0	19.0	4.4	1.2	2.6
1999	210.8	5757.1	22.1	4.9	1.2	3.0
2000	267.7	6876.6	27.7	5.6	1.1	-
2001 ¹⁾	307.2	8221.1	34.2	6.2	1.2	-
2002 ¹⁾	349.6	12059.5	46.3	9.3	1.5	-
Dynamics in %						
2000/2001	114.8	119.6	123.3	109.8	111.1	-
Dynamics in %						
2001/2002	113.8	146.7	135.7	151.2	118.4	-

¹⁾ The data concerns Multiprofile hospitals for active treatment (MHAT) managed by municipalities (Excl. regional MHAT)

VII. REVIEW BY REGIONS
1. Population on 31.XII.2002

<i>Regions</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Urban</i>	<i>Rural</i>
Number					
Total	7845841	3816162	4029679	5461255	2384586
Blagoevgrad	336988	166178	170810	192537	144451
Bourgas	421049	205595	215454	298113	122936
Varna	460001	224648	235353	366005	93996
V. Tarnovo	289229	139534	149695	189413	99816
Vidin	125158	60469	64689	75113	50045
Vratza	219830	107765	112065	125250	94580
Gabrovo	140991	68103	72888	112169	28822
Dobrich	210635	103535	107100	140133	70502
Kardgali	162332	80692	81640	65611	96721
Kjustendil	158746	77398	81348	105549	53197
Lovetch	165456	81148	84308	100996	64460
Montana	176963	86285	90678	108871	68092
Pazardgik	305790	150570	155220	176295	129495
Pernik	146431	71338	75093	111510	34921
Pleven	320327	157388	162939	206833	113494
Plovdiv	712702	344492	368210	516369	196333
Razgrad	143129	70159	72970	67044	76085
Rousse	264232	128548	135684	187220	77012
Silistra	138994	69022	69972	62219	76775
Sliven	215443	105455	109988	142712	72731
Smoljan	137005	66715	70290	71753	65252
Sofia-capital	1194164	566059	628105	1138918	55246
Sofia	267879	131606	136273	158177	109702
St. Zagora	366636	179000	187636	252397	114239
Targovishte	139600	68587	71013	71216	68384
Haskovo	272448	132867	139581	192755	79693
Shoumen	201890	98411	103479	125269	76621
Yambol	151793	74595	77198	100808	50985

(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	69.6	30.4
Blagoevgrad	100.0	49.3	50.7	57.1	42.9
Bourgas	100.0	48.8	51.2	70.8	29.2
Varna	100.0	48.8	51.2	79.6	20.4
V. Tarnovo	100.0	48.2	51.8	65.5	34.5
Vidin	100.0	48.3	51.7	60.0	40.0
Vratza	100.0	49.0	51.0	57.0	43.0
Gabrovo	100.0	48.3	51.7	79.6	20.4
Dobrich	100.0	49.2	50.8	66.5	33.5
Kardgali	100.0	49.7	50.3	40.4	59.6
Kjustendil	100.0	48.8	51.2	66.5	33.5
Lovetch	100.0	49.0	51.0	61.0	39.0
Montana	100.0	48.8	51.2	61.5	38.5
Pazardgik	100.0	49.2	50.8	57.7	42.3
Pernik	100.0	48.7	51.3	76.2	23.8
Pleven	100.0	49.1	50.9	64.6	35.4
Plovdiv	100.0	48.3	51.7	72.5	27.5
Razgrad	100.0	49.0	51.0	46.8	53.2
Rousse	100.0	48.6	51.4	70.9	29.1
Silistra	100.0	49.7	50.3	44.8	55.2
Sliven	100.0	48.9	51.1	66.2	33.8
Smoljan	100.0	48.7	51.3	52.4	47.6
Sofia-capital	100.0	47.4	52.6	95.4	4.6
Sofia	100.0	49.1	50.9	59.0	41.0
St. Zagora	100.0	48.8	51.2	68.8	31.2
Targovishte	100.0	49.1	50.9	51.0	49.0
Haskovo	100.0	48.8	51.2	70.7	29.3
Shoumen	100.0	48.7	51.3	62.0	38.0
Yambol	100.0	49.1	50.9	66.4	33.6

2. Live Births in 2002

<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	66499	47779	18720	8.5	8.7	7.8
Blagoevgrad	3012	1770	1242	8.9	9.2	8.5
Bourgas	3875	2715	1160	9.2	9.1	9.4
Varna	4284	3405	879	9.3	9.3	9.3
V. Tarnovo	2243	1519	724	7.7	8.0	7.2
Vidin	892	638	254	7.1	8.4	5.0
Vratza	1848	1087	761	8.3	8.6	8.0
Gabrovo	1011	861	150	7.1	7.6	5.1
Dobrich	1748	1192	556	8.3	8.5	7.9
Kardgali	1479	577	902	9.1	8.8	9.3
Kjustendil	1095	876	219	6.8	8.3	4.1
Lovetch	1422	939	483	8.5	9.2	7.4
Montana	1451	947	504	8.1	8.6	7.3
Pazardgik	2850	1734	1116	9.3	9.8	8.6
Pernik	861	765	96	5.8	6.8	2.7
Pleven	2514	1622	892	7.8	7.8	7.8
Plovdiv	6050	4628	1422	8.5	9.0	7.2
Razgrad	1283	596	687	8.9	8.8	9.0
Rousse	2011	1506	505	7.6	8.0	6.5
Silistra	1140	463	677	8.2	7.4	8.8
Sliven	2444	1579	865	11.3	11.0	11.9
Smoljan	1012	598	414	7.4	8.3	6.3
Sofia-capital	10293	9885	408	8.7	8.7	7.4
Sofia	1975	1352	623	7.3	8.5	5.6
St. Zagora	3113	2194	919	8.5	8.7	8.0
Targovishte	1304	648	656	9.3	9.1	9.6
Haskovo	2143	1641	502	7.8	8.5	6.2
Shoumen	1875	1118	757	9.3	8.9	9.8
Yambol	1271	924	347	8.3	9.1	6.7

3. Deaths in 2002

<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	112617	63765	48852	14.3	11.7	20.3
Blagoevgrad	3711	1827	1884	11.0	9.5	13.0
Bourgas	5397	3258	2139	12.8	10.9	17.3
Varna	5517	3767	1750	12.0	10.3	18.5
V. Tarnovo	4690	2113	2577	16.2	11.2	25.6
Vidin	2690	937	1753	21.3	12.4	34.5
Vratza	3895	1482	2413	17.6	11.8	25.2
Gabrovo	2371	1481	890	16.7	13.2	30.5
Dobrich	2915	1510	1405	13.8	10.7	19.8
Kardgali	1670	583	1087	10.3	8.9	11.2
Kjustendil	2748	1355	1393	17.2	12.8	25.9
Lovetch	2891	1205	1686	17.3	11.9	25.9
Montana	3566	1428	2138	20.0	13.0	31.0
Pazardgik	3914	1926	1988	12.8	10.9	15.3
Pernik	2327	1465	862	15.8	13.0	24.4
Pleven	5510	2551	2959	17.1	12.3	25.8
Plovdiv	9596	5922	3674	13.4	11.5	18.6
Razgrad	2174	867	1307	15.1	12.9	17.1
Rousse	4066	2336	1730	15.3	12.4	22.3
Silistra	2179	806	1373	15.6	12.9	17.8
Sliven	2937	1572	1365	13.6	11.0	18.7
Smoljan	1423	593	830	10.3	8.2	12.7
Sofia-capital	15134	14362	772	12.7	12.7	14.0
Sofia	4344	1900	2444	16.1	12.0	22.1
St. Zagora	5315	2820	2495	14.5	11.2	21.7
Targovishte	1963	766	1197	14.0	10.7	17.4
Haskovo	4369	2320	2049	16.0	12.0	25.5
Shoumen	2938	1511	1427	14.5	12.0	18.5
Yambol	2367	1102	1265	15.5	10.9	24.5

4. Natural Growth of Population in 2002

<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	-46118	-15986	-30132	-5.8	-3.0	-12.5
Blagoevgrad	-699	-57	-642	-2.1	-0.3	-4.5
Burgas	-1522	-543	-979	-3.6	-1.8	-7.9
Varna	-1233	-362	-871	-2.7	-1.0	-9.2
V. Tarnovo	-2447	-594	-1853	-8.5	-3.2	-18.4
Vidin	-1798	-299	-1499	-14.2	-4.0	-29.5
Vratza	-2047	-395	-1652	-9.3	-3.2	-17.2
Gabrovo	-1360	-620	-740	-9.6	-5.6	-25.4
Dobrich	-1167	-318	-849	-5.5	-2.3	-11.9
Kardgali	-191	-6	-185	-1.2	-0.1	-1.9
Kjustendil	-1653	-479	-1174	-10.4	-4.5	-21.8
Lovetch	-1469	-266	-1203	-8.8	-2.7	-18.5
Montana	-2115	-481	-1634	-11.9	-4.4	-23.7
Pazardgik	-1064	-192	-872	-3.5	-1.1	-6.7
Pernik	-1466	-700	-766	-10.0	-6.2	-21.7
Pleven	-2996	-929	-2067	-9.3	-4.5	-18.0
Plovdiv	-3546	-1294	-2252	-4.9	-2.5	-11.4
Razgrad	-891	-271	-620	-6.2	-4.1	-8.1
Rousse	-2055	-830	-1225	-7.7	-4.4	-15.8
Silistra	-1039	-343	-696	-7.4	-5.5	-9.0
Sliven	-493	7	-500	-2.3	0.0	-6.8
Smoljan	-411	5	-416	-2.9	0.1	-6.4
Sofia-capital	-4841	-4477	-364	-4.0	-4.0	-6.6
Sofia	-2369	-548	-1821	-8.8	-3.5	-16.5
St. Zagora	-2202	-626	-1576	-6.0	-2.5	-13.7
Targovishte	-659	-118	-541	-4.7	-1.6	-7.8
Haskovo	-2226	-679	-1547	-8.2	-3.5	-19.3
Shoumen	-1063	-393	-670	-5.2	-3.1	-8.7
Yambol	-1096	-178	-918	-7.2	-1.8	-17.8

5. Infant Mortality in 2002

<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	887	571	316	13.3	12.0	16.9
Blagoevgrad	30	19	11	10.0	10.7	8.9
Bourgas	53	34	19	13.7	12.5	16.4
Varna	54	36	18	12.6	10.6	20.5
V. Tarnovo	34	22	12	15.2	14.5	16.6
Vidin	9	6	3	10.1	9.4	11.8
Vratza	23	11	12	12.4	10.1	15.8
Gabrovo	13	8	5	12.9	9.3	33.3
Dobrich	23	12	11	13.2	10.1	19.8
Kardgali	20	5	15	13.5	8.7	16.6
Kjustendil	16	14	2	14.6	16.0	9.1
Lovetch	22	15	7	15.5	16.0	14.5
Montana	18	8	10	12.4	8.4	19.8
Pazardgik	36	22	14	12.6	12.7	12.5
Pernik	12	12	-	13.9	15.7	-
Pleven	35	18	17	13.9	11.1	19.1
Plovdiv	102	72	30	16.9	15.6	21.1
Razgrad	20	6	14	15.6	10.1	20.4
Rousse	20	16	4	9.9	10.6	7.9
Silistra	15	4	11	13.2	8.6	16.2
Sliven	79	46	33	32.3	29.1	38.2
Smoljan	6	5	1	5.9	8.4	2.4
Sofia-capital	92	87	5	8.9	8.8	12.3
Sofia	19	10	9	9.6	7.4	14.4
St. Zagora	41	25	16	13.2	11.4	17.4
Targovishte	23	10	13	17.6	15.4	19.8
Haskovo	18	16	2	8.4	9.8	4.0
Shoumen	34	19	15	18.1	17.0	19.8
Yambol	20	13	7	15.7	14.1	20.2

6. Number of Beds on 31.XII.2002

<i>Regions</i>	<i>Hospital beds</i>	
	<i>number</i>	<i>per 10 000 population</i>
Total¹⁾	46929	59.8
Blagoevgrad	1561	46.3
Bourgas	1870	44.4
Varna	2433	52.9
V. Tarnovo	1433	49.5
Vidin	530	42.3
Vratza	967	44.0
Gabrovo	1042	73.9
Dobrich	1076	51.1
Kardgali	875	53.9
Kjustendil	1098	69.2
Lovetch	1329	80.3
Montana	900	50.9
Pazardgik	1382	45.2
Pernik	735	50.2
Pleven	1549	48.4
Plovdiv	4140	58.1
Razgrad	580	40.5
Rousse	1109	42.0
Silistra	623	44.8
Sliven	930	43.2
Smoljan	912	66.6
Sofia-capital	9229	77.3
Sofia	1543	57.6
St. Zagora	2712	74.0
Targovishte	679	48.6
Haskovo	1060	38.9
Shoumen	910	45.1
Yambol	552	36.4

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

7. Medical Personnel in Health Facilities in 2002

Regions	Physicians	Dentists	Auxiliary medical personnel	Incl.:		
				Med.assist.	Midwives	Nurses
Number						
Total¹⁾	27688	6144	45604	1972	3433	28508
Blagoevgrad	826	243	1459	90	100	1021
Bourgas	1096	246	1868	104	134	1207
Varna	1912	332	2280	66	250	1401
V. Tarnovo	862	190	1559	139	87	1068
Vidin	414	105	732	91	61	435
Vratza	682	108	1218	82	91	821
Gabrovo	492	117	919	68	59	598
Dobrich	647	121	1022	60	86	661
Kardgali	401	92	673	43	72	440
Kjustendil	473	112	824	56	59	528
Lovetch	556	120	882	67	59	589
Montana	471	95	794	68	57	493
Pazardgik	726	204	1113	50	85	716
Pernik	464	115	646	19	51	425
Pleven	1152	194	1889	87	148	1229
Plovdiv	2524	799	4332	87	321	2843
Razgrad	327	63	663	52	39	434
Rousse	667	132	1264	112	91	795
Silistra	343	64	706	54	75	445
Sliven	549	132	955	49	62	620
Smoljan	380	102	749	70	69	470
Sofia-capital	6142	1516	9369	56	733	5869
Sofia	932	131	1715	43	130	1184
St. Zagora	1413	264	2395	103	161	1670
Targovishte	372	67	694	49	60	434
Haskovo	734	186	1363	88	149	861
Shoumen	607	95	1201	69	93	843
Yambol	381	97	655	50	51	408

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

7. Medical Personnel in Health Facilities in 2002

(continued from previous)

Regions	Physicians	Dentists	Auxiliary medical personnel	Incl.:		
				Med.assist.	Midwives	Nurses
Per 10 000 population						
Total¹⁾	35.3	7.8	58.1	2.5	4.4	36.3
Blagoevgrad	24.5	7.2	43.3	2.7	3.0	30.3
Bourgas	26.0	5.8	44.4	2.5	3.2	28.7
Varna	41.6	7.2	49.6	1.4	5.4	30.5
V. Tarnovo	29.8	6.6	53.9	4.8	3.0	36.9
Vidin	33.1	8.4	58.5	7.3	4.9	34.8
Vratza	31.0	4.9	55.4	3.7	4.1	37.3
Gabrovo	34.9	8.3	65.2	4.8	4.2	42.4
Dobrich	30.7	5.7	48.5	2.8	4.1	31.4
Kardgali	24.7	5.7	41.5	2.6	4.4	27.1
Kjustendil	29.8	7.1	51.9	3.5	3.7	33.3
Lovetch	33.6	7.3	53.3	4.0	3.6	35.6
Montana	26.6	5.4	44.9	3.8	3.2	27.9
Pazardgik	23.7	6.7	36.4	1.6	2.8	23.4
Pernik	31.7	7.9	44.1	1.3	3.5	29.0
Pleven	36.0	6.1	59.0	2.7	4.6	38.4
Plovdiv	35.4	11.2	60.8	1.2	4.5	39.9
Razgrad	22.8	4.4	46.3	3.6	2.7	30.3
Rousse	25.2	5.0	47.8	4.2	3.4	30.1
Silistra	24.7	4.6	50.8	3.9	5.4	32.0
Sliven	25.5	6.1	44.3	2.3	2.9	28.8
Smoljan	27.7	7.4	54.7	5.1	5.0	34.3
Sofia-capital	51.4	12.7	78.5	0.5	6.1	49.1
Sofia	34.8	4.9	64.0	1.6	4.9	44.2
St. Zagora	38.5	7.2	65.3	2.8	4.4	45.5
Targovishte	26.6	4.8	49.7	3.5	4.3	31.1
Haskovo	26.9	6.8	50.0	3.2	5.5	31.6
Shoumen	30.1	4.7	59.5	3.4	4.6	41.8
Yambol	25.1	6.4	43.2	3.3	3.4	26.9

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	9.7	0.4		1998	13.2	10.0	3.2	
	2000	9.7	9.5	0.2		2000	13.2	9.8	3.4	
	2001	9.3	9.2	0.1						
Belgium	1980	12.6	11.5	1.1	Poland	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	1.0		1998	10.2	9.7	0.5	
	2000	11.4	10.3	1.1		2000	9.8	9.5	0.3	
Bulgaria	1980	14.5	11.1	3.4	Germany	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	-0.8	
	2000	9.0	14.1	-5.1		2000	9.3	10.2	-0.9	
	2001	8.6	14.2	-5.6						
	2002	8.5	14.3	-5.8						
United Kingdom	1980	13.4	11.7	1.6	Switzerland	1980	11.7	9.4	2.3	
	1985	13.3	11.8	1.4		1985	11.5	9.2	2.3	
	1990	13.9	11.1	2.7		1990	12.5	9.5	3.0	
	1995	12.5	10.9	1.5		1995	11.7	9.0	2.7	
	1998	12.1	10.6	1.5		1998	11.1	8.8	2.3	
	2000	11.4	10.2	1.2		2000	10.9	8.7	2.2	
Netherlands	1980	12.8	8.1	4.7	Roumania	1980	18.0	10.4	7.5	
	1985	12.3	8.5	3.8		1985	15.8	10.9	4.9	
	1990	13.2	8.6	4.6		1990	13.6	10.7	2.9	
	1995	12.3	8.8	3.5		1995	10.4	12.0	-1.6	
	1998	12.7	8.8	3.9		1998	10.5	12.0	-1.4	
	2000	13.0	8.8	4.2		2000	10.4	11.4	-0.9	
					2001	9.8	11.6	-1.8		

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	4.3	4.8	4.8	
Belgium	12.1	9.8	7.9	6.1	5.2	4.9	...	...
Bulgaria	20.2	15.4	14.8	14.8	14.4	14.6	13.3	14.4	13.3
United Kingdom	12.1	9.3	7.9	6.2	5.7	5.8	5.6	...	...
Greece	17.9	14.1	9.7	8.1	6.7	6.1	...	...	...
Spain	12.3	8.9	7.6	5.5	4.8	4.5	4.4	...	...
Italy	14.6	10.5	8.2	6.1	5.4	5.2	4.6	...	...
Norway	8.1	8.5	6.9	4.0	4.0	3.9	3.8	...	...
Poland	21.3	18.5	16.0	13.6	9.5	8.8	8.1	7.7	...
Portugal	24.3	17.8	10.9	7.4	6.0	5.6	5.5	...	...
Roumania	29.3	25.6	26.9	21.2	20.5	18.5	18.6	18.4	...
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	9.3	8.1	...
France	10.0	8.3	7.3	4.9	4.6	4.8	...	...	...
Germany	...	...	...	5.3	4.6	4.5	4.4	...	...
Czech republic	16.9	12.5	10.8	7.7	5.2	4.6	4.1	4.0	...
Switzerland	9.1	6.9	6.8	5.0	4.8	4.6	5.0	...	...

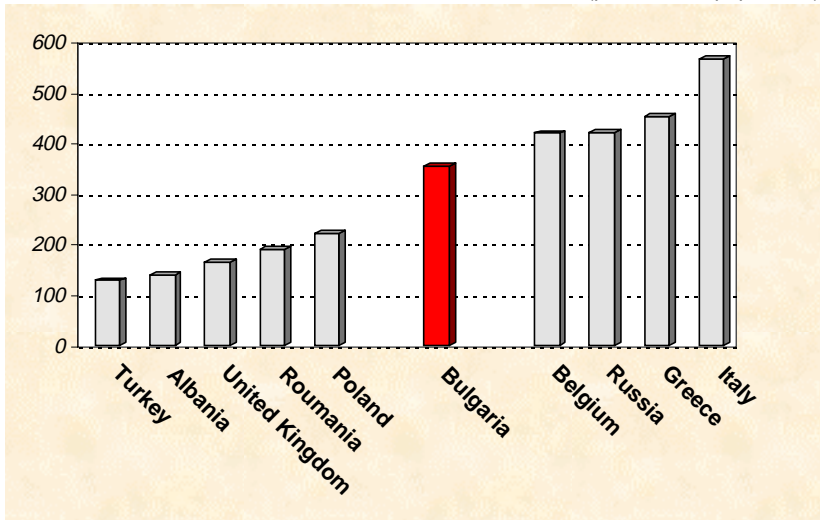
3. Medical Personnel and Hospital Beds

(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	2000	138.9	1999	8.7	2000	326.3
Austria	2000	323.2	2001	47.2	2000	861.3
Belgium	2000	418.8	1998	69.6	2001	699.0
Bulgaria	2002	352.9	2002	78.3	2002	598.1
Czech republic	2001	344.5	2001	65.5	2001	857.6
Germany	2001	363.2	2001	77.9	2000	911.9
Denmark	2002	366.9	2002	90.5	1999	434.2
Finland	2001	310.5	2001	91.2	2001	736.8
France	2001	329.7	2001	68.0	2000	820.1
Greece	2001	451.3	2001	116.7	2000	483.8
Hungary	1999	355.4	1999	56.9	2000	825.4
Ireland	2001	238.8	2001	52.2	2001	356.7
Israel	2001	374.9	2001	114.7	2001	615.5
Italy	1999	566.7	2000	57.4	2000	449.5
Luxembourg	2001	254.2	2001	64.1	1994	1100.3
Netherlands	2001	327.8	2001	46.8	2001	466.0
Norway	2002	367.1	2001	125.4	2001	439.8
Poland	2000	220.0	2000	30.4	2000	556.4
Portugal	2000	318.3	2000	42.8	1999	392.0
Roumania	2001	188.9	2001	22.6	2001	749.2
Spain	2000	328.8	2000	44.3	2001	401.2
Russia	2001	420.4	2001	32.1	2001	1083.1
Switzerland	2000	349.8	2001	44.5	2000	617.9
Sweden	1999	287.1	1997	152.1	1997	522.0
Turkey	2001	127.2	2001	22.9	2001	235.5
United Kingdom	1993	163.9	1992	39.8	1997	416.9
Europe	2001	357.1	2001	50.7	2001	734.0

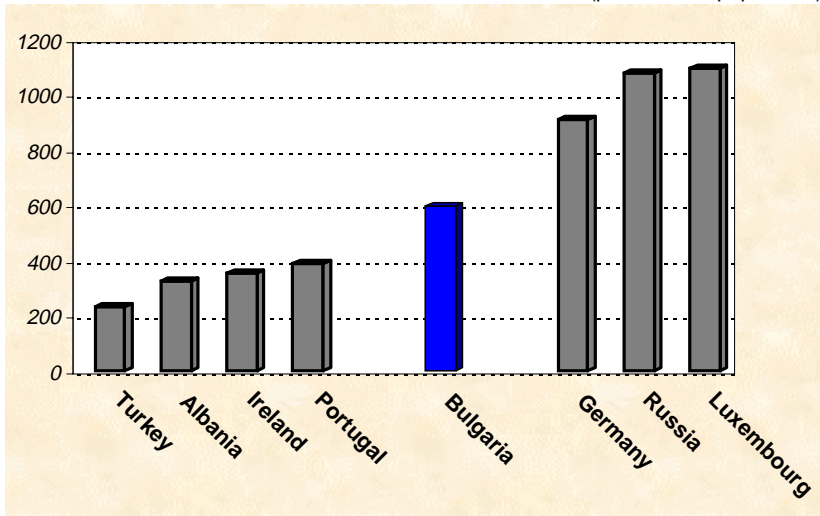
Number of Physicians

(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 2002, Annual

ISSN 1310–2931

Издава *Национален център по здравна информация*
София, 2003 г.

Печат *Национален център по здравна информация*

Тираж 150