



MINISTRY OF HEALTH



NATIONAL CENTER  
OF PUBLIC HEALTH AND ANALYSES

# PUBLIC HEALTH STATISTICS

Annual Bulgaria

2017

Sofia, 2017





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# PUBLIC HEALTH STATISTICS

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## Main Health-demographic Indicators for 2016

Population on 31.12.2016	7 101 859
Age structure of the population:	
0-17 years of age	16.8%
18-64 years of age	62.5%
over 65 years of age	20.7%
Crude birth rate	9.1‰
Crude death rate	15.1‰
Infant mortality	6.5‰
Perinatal mortality	9.8‰
Neonatal mortality	3.9‰
Post neonatal mortality	2.6‰
Life expectancy at birth (years)	74.65
male	71.23
female	78.19
New cases and relapses of active tuberculosis	21.7‰
New cases of malignant neoplasms	435.5‰
Hospitalized patient	31686.8‰
0-17 years of age	24820.2‰
18-64 years of age	25915.8‰
over 65 years of age	54847.2‰
Primary disability of persons over 16 years of age	9.3‰
Primary disability of persons under 16 years of age	4.0‰
Hospitals (number)	321
Beds in hospitals (number)	49 589
Physicians (number)	29 539
Auxiliary medical personnel (number)	46 930
Persons served in need of urgent medical care	2 570 362
Surgeries of patients discharged from hospitals	606 243

## I. POPULATION AND VITAL STATISTICS

### 1. Population on 31.XII.<sup>1)</sup>

<i>Year</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Urban</i>	<i>Rural</i>
<b><i>Number (thous.)</i></b>					
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
2000	8149.5	3967.4	4182.1	5576.9	2572.6
2005	7718.8	3743.4	3975.4	5416.6	2302.2
2010	7504.9	3629.8	3875.1	5375.1	2129.8
2013	7245.7	3524.9	3720.7	5291.7	1954.0
2014	7202.2	3502.0	3700.2	5267.5	1934.7
2015	7153.8	3477.2	3676.6	5227.2	1926.6
2016	7101.9	3450.0	3651.9	5204.4	1897.5
<b><i>Percentage (%)</i></b>					
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
2000	100.0	48.7	51.3	68.4	31.6
2005	100.0	48.5	51.5	70.2	29.8
2010	100.0	48.4	51.6	71.6	28.4
2013	100.0	48.6	51.4	73.0	27.0
2014	100.0	48.6	51.4	73.1	26.9
2015	100.0	48.6	51.4	73.1	26.9
2016	100.0	48.6	51.4	73.3	26.7

<sup>1)</sup> NSI data

## 2. Population by Age on 31.XII.2016<sup>1)</sup>

(number)

<b>Age</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Urban</b>	<b>Rural</b>
<b>Total</b>	<b>7101859</b>	<b>3449978</b>	<b>3651881</b>	<b>5204385</b>	<b>1897474</b>
0	64665	33172	31493	48645	16020
1–4	265610	136543	129067	201218	64392
5–9	349350	179593	169757	262424	86926
10–14	321394	165601	155793	234703	86691
15–19	309596	159294	150302	226530	83066
20–24	350006	180552	169454	261326	88680
25–29	465523	239641	225882	362133	103390
30–34	481875	250016	231859	375184	106691
35–39	513551	265779	247772	400230	113321
40–44	542793	279190	263603	421156	121637
45–49	512792	262394	250398	386130	126662
50–54	470548	236270	234278	346405	124143
55–59	488734	238596	250138	357619	131115
60–64	493306	229793	263513	355463	137843
65–69	483221	212058	271163	335168	148053
70–74	377433	156417	221016	246496	130937
75–79	273709	105731	167978	170653	103056
80–84	206692	75010	131682	128268	78424
85–89	97420	33737	63683	62865	34555
90–94	29618	9391	20227	19203	10415
95–99	3769	1127	2642	2407	1362
100+	254	73	181	159	95

<sup>1)</sup> NSI data

### 3. Age Structure of the Population

(%)

Year	Total	Age groups		
		0–17	18–64	65+
<b>Total</b>				
1970	100.0	27.5	62.8	9.7
1995	100.0	22.0	62.8	15.2
2000	100.0	19.5	64.1	16.4
2010	100.0	16.7	65.6	17.7
2013	100.0	16.3	64.2	19.5
2014	100.0	16.4	63.6	20.0
2015	100.0	16.6	63.0	20.4
2016	100.0	16.8	62.5	20.7
<b>Urban</b>				
1970	100.0	28.1	65.3	6.6
1995	100.0	22.9	65.6	11.5
2000	100.0	20.0	67.7	12.3
2010	100.0	16.9	68.5	14.6
2013	100.0	16.3	66.5	17.2
2014	100.0	16.5	65.9	17.6
2015	100.0	16.8	65.0	18.2
2016	100.0	17.0	64.4	18.6
<b>Rural</b>				
1970	100.0	26.8	60.0	13.2
1995	100.0	20.1	57.0	22.9
2000	100.0	18.6	56.3	25.1
2010	100.0	16.1	58.2	25.7
2013	100.0	16.1	57.7	26.2
2014	100.0	16.1	57.4	26.5
2015	100.0	16.0	57.4	26.6
2016	100.0	16.2	57.1	26.7

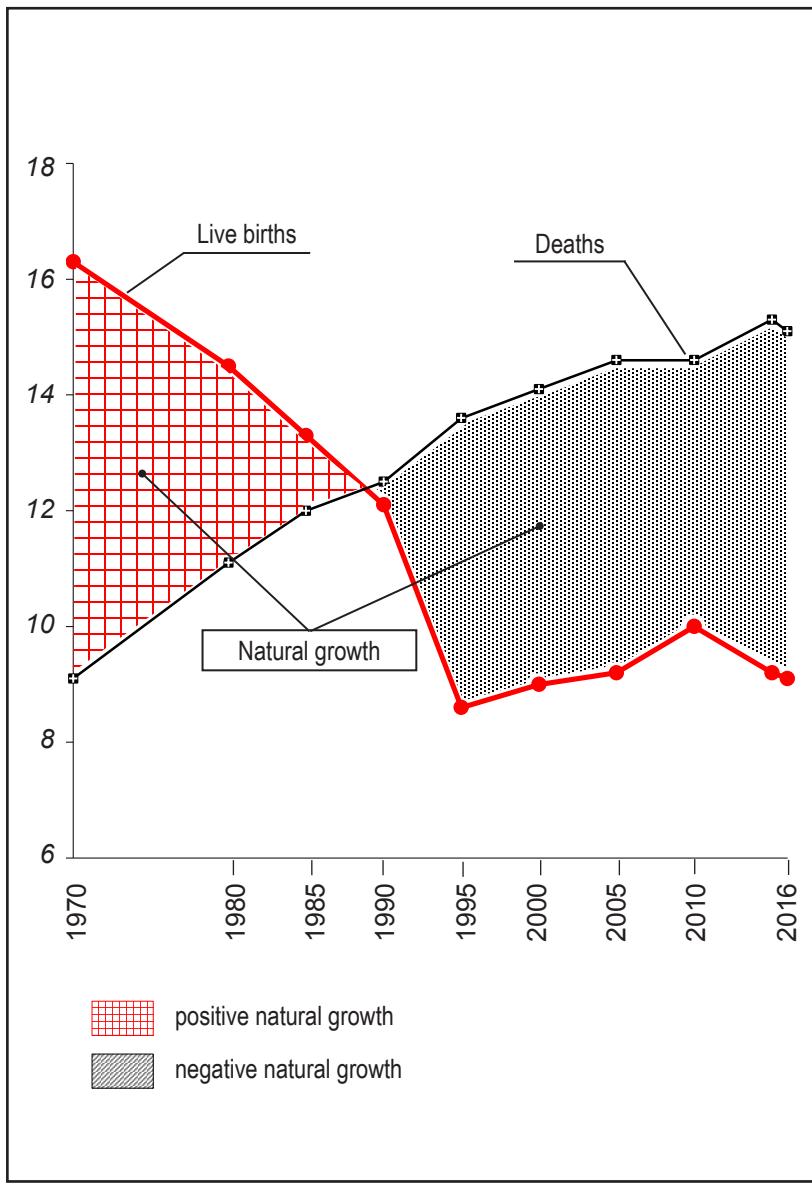
#### 4. Live Births, Deaths and Natural Growth<sup>1)</sup>

Year	<i>Live births</i>	<i>Deaths</i>	<i>Natural growth</i>	<i>Live births</i>	<i>Deaths</i>	<i>Natural growth</i>
	Number		Per 1000 population			
<b>Total</b>						
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
2000	73679	115087	-41408	9.0	14.1	-5.1
2010	75513	110165	-34652	10.0	14.6	-4.6
2013	66578	104345	-37767	9.2	14.4	-5.2
2014	67585	108952	-41367	9.4	15.1	-5.7
2015	65950	110117	-44167	9.2	15.3	-6.2
2016	64984	107580	-42596	9.1	15.1	-6.0
<b>Urban</b>						
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
2000	52789	64184	-11395	9.5	11.5	-2.0
2010	57077	65759	-8682	10.6	12.2	-1.6
2013	49526	64089	-14563	9.3	12.1	-2.8
2014	50704	67008	-16304	9.6	12.7	-3.1
2015	49486	67749	-18263	9.4	12.9	-3.5
2016	48733	67192	-18459	9.3	12.9	-3.6
<b>Rural</b>						
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
2000	20890	50903	-30013	8.1	19.6	-11.5
2010	18436	44406	-25970	8.6	20.7	-12.1
2013	17052	40256	-23204	8.7	20.5	-11.8
2014	16881	41944	-25063	8.7	21.6	-12.9
2015	16464	42368	-25904	8.5	22.0	-13.4
2016	16251	40388	-24137	8.5	21.1	-12.6

<sup>1)</sup> NSI data

## Live Births, Deaths and Natural Growth

(per 1000 population)



## 5. Births and Abortions

Year	<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
2000	74234	61378	37.0	30.6
2005	71640	41795	38.2	22.3
2009	81572	33733	45.2	18.7
2010	76105	31548	42.9	17.8
2013	67061	29505	41.6	18.3
2014	68083	28145	42.8	17.7
2015	66370	27782	42.3	17.7
2016	65446	26412	42.2	17.0

## 6. Age Specific Fertility Rates

(per 1000 women at 15–49)

<i>Age</i>	<i>1980</i>	<i>1990</i>	<i>2000</i>	<i>2010</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>
<b>Total</b>	<b>59.8</b>	<b>48.9</b>	<b>36.7</b>	<b>42.6</b>	<b>41.3</b>	<b>42.5</b>	<b>42.0</b>	<b>41.9</b>
15–19	80.3	68.3	47.1	43.1	43.9	43.4	41.3	39.9
20–24	192.8	158.4	89.7	73.1	69.4	71.2	69.7	70.3
25–29	92.8	78.3	72.9	86.8	86.6	88.1	88.1	88.5
30–34	32.2	28.8	32.3	65.1	64.6	68.5	69.7	71.2
35–39	9.7	9.4	9.5	26.1	27.1	30.1	30.6	31.2
40–44	2.1	1.8	1.9	4.1	4.7	5.4	5.9	6.6
45–49	0.1	0.1	0.1	0.3	0.3	0.5	0.7	0.8

## 7. Infant Mortality<sup>1)</sup>

<b>Year</b>	<b>Total</b>	<b>Urban</b>	<b>Rural</b>
<b>Number</b>			
1970	3788	1811	1977
1980	2594	1560	1034
1990	1554	1020	534
2000	981	657	324
2005	739	464	275
2010	708	461	247
2013	489	331	158
2014	517	340	177
2015	434	255	179
2016	423	285	138
<b>Per 1000 live births</b>			
1970	27.3	22.7	33.5
1980	20.2	18.0	24.9
1990	14.8	13.8	17.1
2000	13.3	12.4	15.5
2005	10.4	8.9	14.6
2010	9.4	8.1	13.4
2013	7.3	6.7	9.3
2014	7.6	6.7	10.5
2015	6.6	5.2	10.9
2016	6.5	5.8	8.5

## 8. Perinatal, Neonatal and Postneonatal Infant Mortality

(per 1000 live births)

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2010</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Perinatal <sup>2)</sup>	15.0	11.1	12.2	11.4	10.3	10.4	9.1	9.8
Neonatal	10.4	7.7	7.5	5.2	4.2	4.4	4.0	3.9
Postneonatal <sup>3)</sup>	10.0	7.1	5.9	4.2	3.1	3.2	2.6	2.6

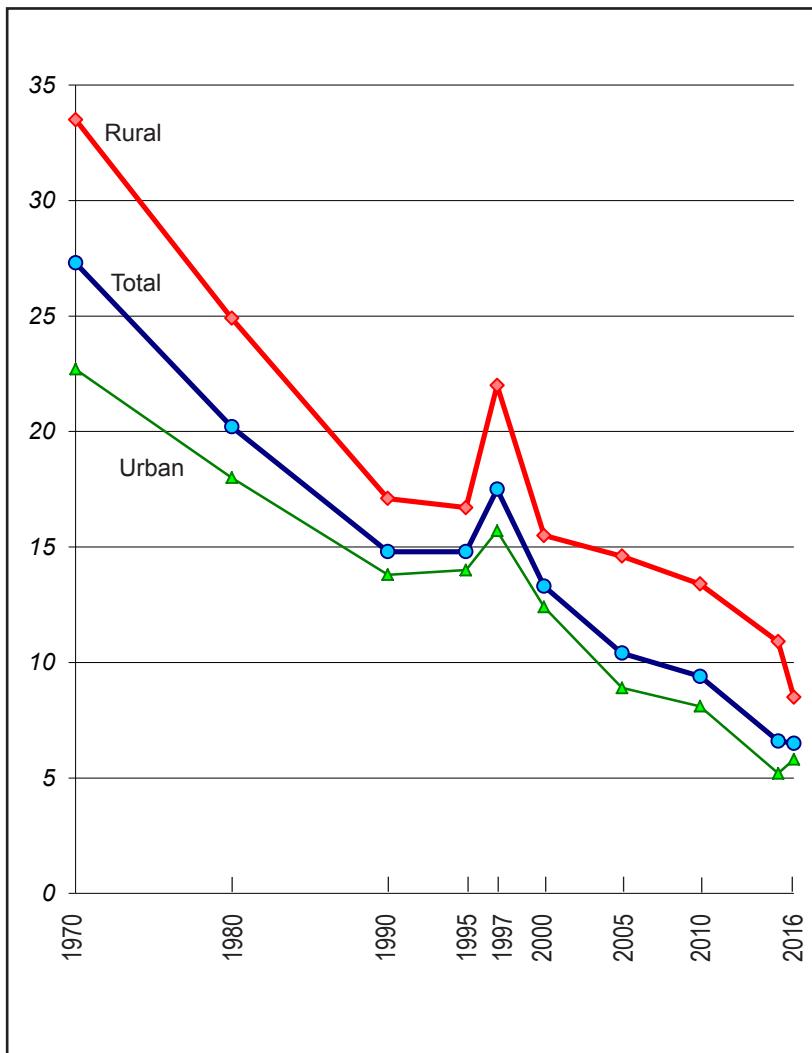
<sup>1)</sup> NSI data

<sup>2)</sup> Per 1000 births.

<sup>3)</sup> Per 1000 live births, excl. deaths before 28<sup>th</sup> day.

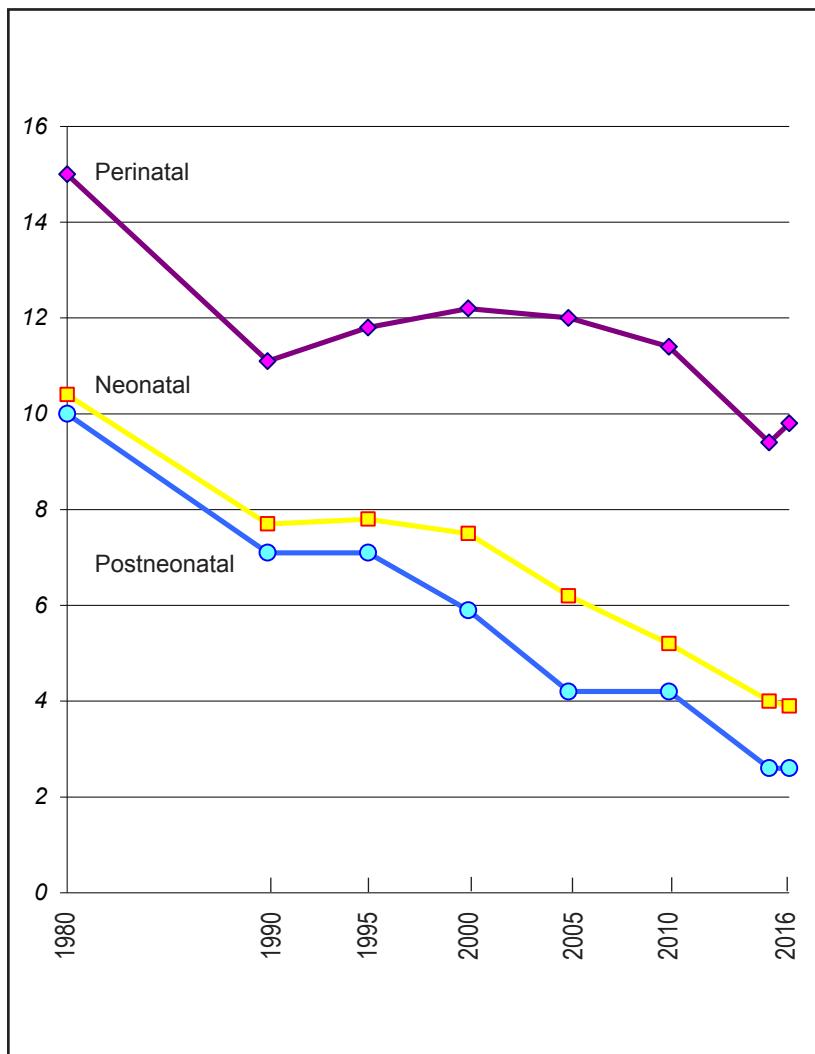
## Infant Mortality

(per 1000 live births)



## Perinatal, Neonatal and Postneonatal Infant Mortality

(per 1000 live births)



## 9. Stillbirths and Infant Deaths Under 1 Year<sup>1)</sup>

(number)

Year	Stillbirths	<i>Infant deaths under 1 year</i>			
		Total	Incl. :		
			0–6 days	7–27 days	28+ days
<b>Total</b>					
1970	1382	3788	1259	569	1960
1980	986	2594	957	372	1265
1990	641	1554	533	278	743
2000	555	981	348	201	432
2010	592	708	274	120	314
2013	483	489	207	75	207
2014	498	517	211	87	219
2015	420	434	183	81	170
2016	462	423	182	71	170
<b>Urban</b>					
1970	792	1811	773	264	774
1980	606	1560	640	245	675
1990	449	1020	357	208	455
2000	365	657	237	141	279
2010	409	461	183	80	198
2013	331	331	144	48	139
2014	338	340	140	57	143
2015	284	255	105	51	99
2016	333	285	118	54	113
<b>Rural</b>					
1970	590	1977	486	305	1186
1980	380	1034	317	127	590
1990	192	534	176	70	288
2000	190	324	111	60	153
2010	183	247	91	40	116
2013	152	158	63	27	68
2014	160	177	71	30	76
2015	136	179	78	30	71
2016	129	138	64	17	57

<sup>1)</sup> NSI data

## 10. Mortality by Age Groups

(per 1000 population of the same age group)

Year	Total	Age groups								
		under 1 year <sup>1)</sup>	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
2000	14.1	13.3	0.5	0.4	0.8	1.7	4.3	10.1	23.8	84.5
2010	14.6	9.4	0.3	0.4	0.7	1.3	3.7	9.4	20.1	80.2
2013	14.4	7.3	0.3	0.3	0.7	1.2	3.4	9.0	19.0	74.0
2014	15.1	7.6	0.2	0.3	0.6	1.4	3.4	9.5	20.0	76.6
2015	15.3	6.6	0.2	0.3	0.7	1.3	3.4	9.2	19.9	78.0
2016	15.1	6.5	0.2	0.3	0.7	1.3	3.4	9.3	19.9	74.4

<sup>1)</sup> Per 1000 live births

## 11. Life Expectancy in Republic of Bulgaria<sup>1)</sup>

(in years)

Periods	Total	Male	Female
1935–1939	51.75	50.98	52.56
1960–1963	69.59	67.82	71.35
1974–1976	71.31	68.68	73.91
1989–1991	71.22	68.02	74.66
1993–1995	70.60	67.10	74.90
2000–2002	71.87	68.54	75.37
2003–2005	72.60	69.00	76.30
2005–2007	72.70	69.20	76.30
2006–2008	73.00	69.50	76.60
2007–2009	73.43	69.90	77.08
2008–2010	73.60	70.00	77.20
2009–2011	73.83	70.37	77.37
2010–2012	74.02	70.62	77.55
2011–2013	74.45	71.02	78.01
2012–2014	74.69	71.17	78.28
2013–2015	74.50	71.09	78.02
2014–2016	74.65	71.23	78.19

<sup>1)</sup> NSI data

## II. MORBIDITY AND MORTALITY BY CAUSES

### 1. Registered Cases of Certain Infectious Diseases Subject to Obligatory Reporting

(per 100 000 population)

Cases	1980	1990	2000	2010	2015	2016
Diphtheria	0.0	—	—	—	—	—
Scarlet fever	145.6	85.7	64.6	34.3	69.9	67.6
Measles	121.5	1.7	0.6	292.1	—	0.0
Pertussis	1.7	0.3	1.3	0.7	0.5	1.4
Rubeolla	779.1	147.3	348.2	0.5	0.1	0.0
Varicella	537.2	418.6	285.8	261.8	345.0	455.6
Mumps	73.6	1.5	28.8	4.2	0.3	0.3
Meningococcal meningitis and sepsis	1.2	0.9	1.1	0.2	0.2	0.2
Poliomyelitis	—	—	—	—	—	—
Q fever	0.0	0.4	1.8	0.2	0.3	0.3
Crimean-Congo haemorrhagic fever	0.1	0.1	0.1	0.1	0.1	0.1
Lyme disease	—	—	3.6	7.9	6.5	4.1
Malaria <sup>1)</sup>	1.4	0.5	0.2	0.1	0.2	0.4
Typhoid fever	0.0	0.0	—	0.0	—	0.0
Shigellosis	96.9	61.9	19.8	7.9	5.7	4.1
Viral hepatitis	110.8	274.2	104.8	39.9	23.1	30.4
Anthrax	0.1	0.1	0.2	0.0	0.0	0.0
Leptospirosis	0.2	0.3	0.4	0.1	0.2	0.2
Tetanus	0.2	0.1	0.0	0.0	—	0.1
Bacterial meningitis and meningoencephalitis	•	•	•	1.9	1.5	1.6
Viral meningitis and meningoencephalitis	•	•	•	3.2	2.5	2.8

<sup>1)</sup> All registered cases are imported.

## 2. Registered Cases of Active Tuberculosis

(per 100 000 population)

<i>Form of disease</i>	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2005</b>	<b>2010</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>Total</b>	<b>178.2</b>	<b>106.0</b>	<b>173.4</b>	<b>127.7</b>	<b>90.5</b>	<b>66.9</b>	<b>62.8</b>	<b>60.4</b>
incl.: new cases and relapses <sup>1)</sup>	37.0	25.9	41.0	40.1	30.3	23.2	21.9	21.7
Tuberculosis of the respiratory system	115.1	80.5	144.8	106.5	79.2	59.4	56.6	53.8
incl.: new cases and relapses <sup>1)</sup>	25.6	19.9	35.6	35.4	26.6	20.7	19.9	19.5
Tuberculosis of the bones and joints	12.4	5.3	4.8	3.6	1.8	1.4	0.9	1.1
incl.: new cases and relapses <sup>1)</sup>	2.2	1.0	1.0	0.7	0.5	0.5	0.2	0.4
Tuberculosis of the nervous system <sup>2)</sup>	0.5	0.3	0.5	0.2	0.2	0.2	0.3	0.4
incl.: new cases and relapses <sup>1)</sup>	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1
Other forms of tuberculosis	50.2	19.9	23.3	17.4	9.3	5.9	5.0	5.1
incl.: new cases and relapses <sup>1)</sup>	9.1	4.9	4.3	3.9	3.1	2.0	1.7	1.7

<sup>1)</sup> Till 2015 – only new cases

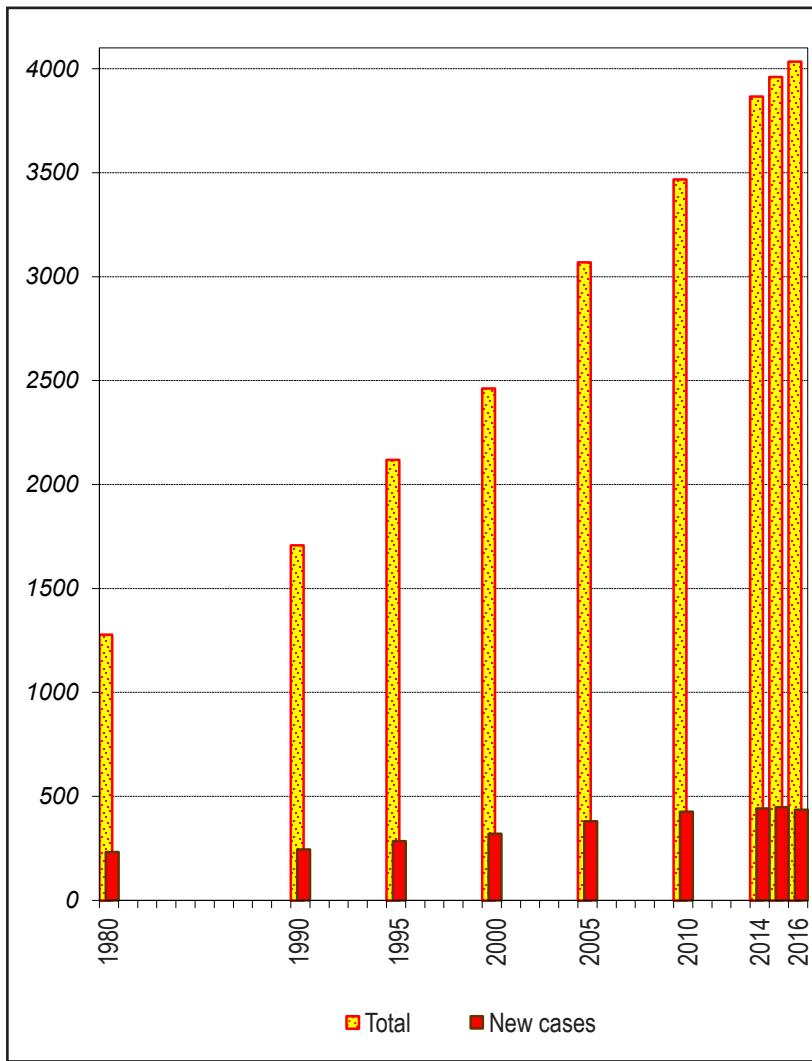
<sup>2)</sup> Till 2004 – Meningitis and CNS tuberculosis (ICD-9)

### 3. Registered Cases of Malignant Neoplasms

Year	Total	incl. new cases	Total	incl. new cases
	Number		Per 100 000 population	
1980	113336	20620	1279.0	232.7
1990	153651	22038	1762.4	252.8
1995	178179	23966	2119.6	285.1
2000	201226	26156	2462.9	320.1
2005	237607	29354	3069.9	379.3
2007	255120	31706	3330.7	413.9
2010	261382	32067	3469.2	425.6
2011	264739	32969	3602.7	448.7
2012	270492	31588	3703.0	432.4
2013	277456	33555	3819.0	461.9
2014	279402	31928	3867.7	442.0
2015	284355	32097	3961.5	447.2
2016	287682	31041	4036.0	435.5

## Registered Cases of Malignant Neoplasms

(per 100 000 population)



#### 4. Registered Cases of Malignant Neoplasms by Localization

(per 100 000 population)

Localization ICD-10	2015		2016	
	Total	incl. new cases	Total	incl. new cases
<b>Total</b>	<b>3961.5</b>	<b>447.2</b>	<b>4036.0</b>	<b>435.5</b>
Lips, oral cavity and pharynx	98.3	10.7	97.4	10.8
Incl. lips	47.7	2.2	46.0	2.1
Digestive organs	581.2	100.7	586.3	98.1
Incl. stomach	69.3	17.2	69.7	17.6
colon	259.8	34.0	263.3	31.9
rectosigmoid junction, rectum, anus and anal canal	185.1	24.1	188.5	23.9
Respiratory and intrathoracic organs	211.1	53.5	206.2	51.5
Incl. trachea, bronchus and lung	133.6	45.0	130.4	43.7
Bone and articular cartilage	10.8	0.7	10.7	0.5
Melanoma and other malignant neoplasms of skin	836.8	64.1	853.7	63.0
Mesothelial and soft tissue	39.8	4.3	39.9	3.9
Malignant neoplasm of breast	719.1	53.8	736.1	50.0
Incl. female breast	1385.6 <sup>1)</sup>	103.5 <sup>1)</sup>	1420.6 <sup>1)</sup>	96.2 <sup>1)</sup>
Female genital organs	1159.9 <sup>1)</sup>	84.1 <sup>1)</sup>	1181.8 <sup>1)</sup>	82.7 <sup>1)</sup>
Incl. cervix uteri	412.1 <sup>1)</sup>	26.7 <sup>1)</sup>	420.4 <sup>1)</sup>	27.2 <sup>1)</sup>
corpus uteri	494.0 <sup>1)</sup>	31.9 <sup>1)</sup>	503.7 <sup>1)</sup>	31.5 <sup>1)</sup>
ovary	202.4 <sup>1)</sup>	20.4 <sup>1)</sup>	205.1 <sup>1)</sup>	18.5 <sup>1)</sup>
Male genital organs	563.4 <sup>2)</sup>	74.8 <sup>2)</sup>	599.9 <sup>2)</sup>	80.0 <sup>2)</sup>
Incl. prostate	437.9 <sup>2)</sup>	68.3 <sup>2)</sup>	470.6 <sup>2)</sup>	73.2 <sup>2)</sup>
Urinary tract	271.7	32.9	284.2	34.2
Incl. bladder	185.6	22.7	194.4	23.4
Eye, brain and other parts of central nervous system	44.4	7.8	44.6	7.8
Thyroid and other endocrine glands	77.0	4.8	80.3	4.4
III-defined, secondary and unspeci- fied sites	41.2	16.7	40.2	16.2
Lymphoid, haematopoietic and related tissue	160.2	17.4	157.5	13.7
Independent (primary) multiple sites	—	—	0.0	0.0

<sup>1)</sup> Per 100 000 female

<sup>2)</sup> Per 100 000 male

## 5. Registered Cases of Some Venereal and Skin Infections

(per 100 000 population)

Diseases	1990	2000	2005	2010	2014	2015	2016
Syphilis	31.2	119.7	66.5	43.9	30.8	30.4	31.0
incl. new cases	4.4	19.4	7.7	5.7	6.7	5.3	5.3
Gonnorhea	68.4	9.6	2.8	2.8	2.6	1.7	1.2
incl. new cases	62.3	7.3	2.3	2.4	2.4	1.5	1.0
Microsporia	35.3	32.2	23.3	31.4	45.3	36.2	36.1
incl. new cases	32.3	23.3	17.1	25.5	29.7	28.9	28.8
Trychophytia	13.3	26.7	25.3	39.7	40.5	29.8	50.6
incl. new cases	9.9	15.9	18.5	34.8	33.6	24.5	44.8

## 6. Patients Under Observation of Psychiatric Establishments and structures by Type of Disease on 31.12.

<i>Name of disease – ICD-10</i>	<b>2015</b>		<b>2016</b>	
	Number	per 100 000 population	Number	per 100 000 population
<b>Total</b>	<b>127182</b>	<b>1777.8</b>	<b>126452</b>	<b>1780.5</b>
<b>Mental and behavioural disorders</b>	<b>120667</b>	<b>1686.8</b>	<b>120055</b>	<b>1690.5</b>
Dementia	2307	32.2	2408	33.9
Delirium, not induced by alcohol and other psychoactive substances	372	5.2	549	7.7
Other mental disorders due to brain disease	3989	55.8	4105	57.8
Mental and behavioural disorders due to use of alcohol	9402	131.4	9041	127.3
Mental and behavioural disorders due to use of other psychoactive substance	1379	19.3	1385	19.5
Mental and behavioural disorders due to use of opioids	1202	16.8	1137	16.0
Schizophrenia, schizotypal and delusional disorders	32460	453.7	31985	450.4
Schizophrenia	25849	361.3	25793	363.2
Acute and transient psychotic disorders	2637	36.9	2670	37.6
Mood [affective] disorders	21677	303.0	21410	301.5
Manic episode	1981	27.7	1881	26.5
Bipolar affective disorder	6237	87.2	6219	87.6
Depressive episode	5542	77.5	5525	77.8
Recurrent depressive disorder	7153	100.0	7417	104.4
Neurotic, stress-related and somatoform disorders	12436	173.8	12361	174.1
Disorders of eating, sleep and sexual	131	1.8	151	2.1
Disorders of adult personality and behaviour	5042	70.5	4974	70.0
Mental retardation	28293	395.5	28213	397.3
Specific disorders of psychological development	992	13.9	1148	16.2
Pervasive developmental disorders	499	7.0	518	7.3
Autism	132	1.8	79	1.1
Hyperkinetic disorders	535	7.5	532	7.5
Other disorders of behaviour and emotions	366	5.1	388	5.5
Nonorganic enuresis	60	0.8	66	0.9
<b>All other classes of diseases</b>	<b>6515</b>	<b>91.1</b>	<b>6397</b>	<b>90.1</b>
Epilepsy	6509	91.0	6392	90.0

## 7. Hospitalized Patients (discharged and deceased) in Hospitals by Age<sup>1)</sup>

Year	<i>Age group</i>				
	<i>Total</i>	<i>0-17</i>	<i>18+</i>	<i>incl.:</i>	
				<i>18-64</i>	<i>65+</i>
<b>Number</b>					
2000	1181097	193861	987236	•	•
2005	1614313	308107	1306206	880895	425311
2010	1917199	328306	1588893	1010719	578174
2013	2221115	308255	1912860	1172805	740055
2014	2323313	315337	2007976	1219605	788371
2015	2302891	300574	2002317	1199652	802665
2016	2258579	295901	1962678	1158097	804581
<b>Per 100 000 population<sup>2)</sup></b>					
2000	14.5	12.0	15.1	•	•
2005	20857.0	22576.3	20489.0	17459.0	31986.7
2010	25446.3	26179.2	25300.0	20412.0	43516.5
2013	30572.3	26159.7	31426.6	25058.9	52614.2
2014	32161.3	26713.2	33225.5	26429.9	55169.5
2015	32082.7	25342.4	33416.8	26418.9	55315.8
2016	31686.8	24820.2	33066.0	25915.8	54847.2

<sup>1)</sup> From 2005 incl. healthy live births.

<sup>2)</sup> The indicators until 2003 are calculated per 100 population.

## 8. Hospitalized Patients (discharged and deceased) in Hospitals by Classes of ICD-10 in 2016

<i>ICD-10</i>	<i>Classes</i>	<i>Number</i>	<i>Per 100000 population</i>	<i>Structure (%)</i>
	<b>Total</b>	<b>2258579</b>	<b>31686.8</b>	<b>100.0</b>
I.	Certain infectious and parasitic diseases	49779	698.4	2.2
II.	Neoplasms	165502	2321.9	7.3
III.	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	18235	255.8	0.8
IV.	Endocrine, nutritional and metabolic diseases	67243	943.4	3.0
V.	Mental and behavioural disorders	41724	585.4	1.8
VI.	Diseases of the nervous system	71511	1003.3	3.2
VII.	Diseases of the eye and adnexa	69077	969.1	3.1
VIII.	Diseases of the ear and mastoid process	36482	511.8	1.6
IX.	Diseases of the circulatory system	324178	4548.1	14.4
X.	Diseases of the respiratory system	212770	2985.1	9.4
XI.	Diseases of the digestive system	202080	2835.1	8.9
XII.	Diseases of the skin and subcutaneous tissue	49817	698.9	2.2
XIII.	Diseases of the musculoskeletal system and connective tissue	122038	1712.1	5.4
XIV.	Diseases of the genitourinary system	161130	2260.6	7.1
XV.	Pregnancy, childbirth and the puerperium	135265	1897.7	6.0
XVI.	Certain conditions originating in the perinatal period	22789	319.7	1.0
XVII.	Congenital malformations, deformations and chromosomal abnormalities	6668	93.5	0.3
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	26058	365.6	1.2
XIX.	Injury, poisoning and certain other consequences of external causes	126401	1773.3	5.6
XXI.	Factors influencing health status and contact with health services <sup>1)</sup>	349832	4908.0	15.5

<sup>1)</sup> Incl. 44466 healthy live births.

**9. Hospitalized Patients (discharged and deceased)  
in Hospitals 0-17 Years of Age  
by Classes of ICD-10 in 2016**

<i>ICD-10</i>	<i>Classes</i>	<i>Number</i>	<i>Per 100000 population</i>	<i>Structure (%)</i>
	<b>Total</b>	<b>295901</b>	<b>24820.2</b>	<b>100.0</b>
I.	Certain infectious and parasitic diseases	20376	1709.1	6.9
II.	Neoplasms	3198	268.3	1.1
III.	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	2534	212.6	0.9
IV.	Endocrine, nutritional and metabolic diseases	3651	306.3	1.2
V.	Mental and behavioural disorders	1648	138.2	0.6
VI.	Diseases of the nervous system	5165	433.2	1.8
VII.	Diseases of the eye and adnexa	2863	240.2	1.0
VIII.	Diseases of the ear and mastoid process	3424	287.2	1.2
IX.	Diseases of the circulatory system	2456	206.0	0.8
X.	Diseases of the respiratory system	94526	7928.9	31.9
XI.	Diseases of the digestive system	19536	1638.7	6.6
XII.	Diseases of the skin and subcutaneous tissue	4410	369.9	1.5
XIII.	Diseases of the musculoskeletal system and connective tissue	3169	265.8	1.1
XIV.	Diseases of the genitourinary system	10755	902.1	3.6
XV.	Pregnancy, childbirth and the puerperium	7510	629.9	2.5
XVI.	Certain conditions originating in the perinatal period	22789	1911.5	7.7
XVII.	Congenital malformations, deformations and chromosomal abnormalities	5393	452.4	1.8
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	8986	753.7	3.0
XIX.	Injury, poisoning and certain other consequences of external causes	21412	1796.0	7.2
XXI.	Factors influencing health status and contact with health services <sup>1)</sup>	52100	4370.2	17.6

<sup>1)</sup> Incl. 44466 healthy live births.

**10. Hospitalized Patients (discharged and deceased)  
in Hospitals 18-64 Years of Age  
by Classes of ICD-10 in 2016**

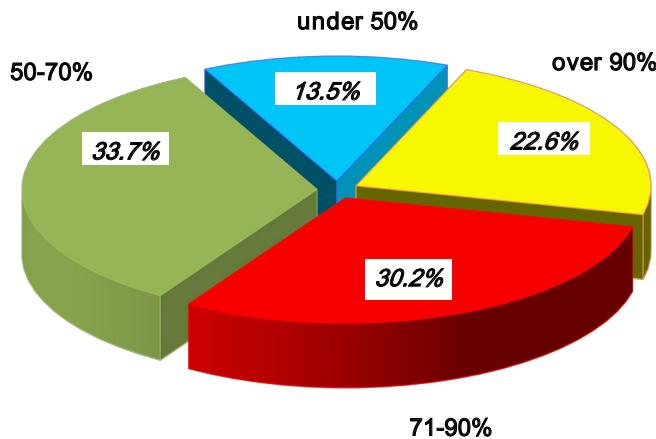
<b>ICD-10</b>	<b>Classes</b>	<b>Number</b>	<b>Per 100000 population</b>	<b>Structure (%)</b>
	<b>Total</b>	<b>1158097</b>	<b>25915.8</b>	<b>100.0</b>
I.	Certain infectious and parasitic diseases	22055	493.6	1.9
II.	Neoplasms	91496	2047.5	7.9
III.	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	8389	187.7	0.7
IV.	Endocrine, nutritional and metabolic diseases	39475	883.4	3.4
V.	Mental and behavioural disorders	35405	792.3	3.1
VI.	Diseases of the nervous system	41688	932.9	3.6
VII.	Diseases of the eye and adnexa	23859	533.9	2.1
VIII.	Diseases of the ear and mastoid process	20842	466.4	1.8
IX.	Diseases of the circulatory system	121339	2715.3	10.5
X.	Diseases of the respiratory system	65354	1462.5	5.6
XI.	Diseases of the digestive system	109129	2442.1	9.4
XII.	Diseases of the skin and subcutaneous tissue	29895	669.0	2.6
XIII.	Diseases of the musculoskeletal system and connective tissue	76188	1704.9	6.6
XIV.	Diseases of the genitourinary system	100063	2239.2	8.6
XV.	Pregnancy, childbirth and the puerperium	127755	2858.9	11.0
XVI.	Certain conditions originating in the perinatal period	x	x	x
XVII.	Congenital malformations, deformations and chromosomal abnormalities	1118	25.0	0.1
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	8262	184.9	0.7
XIX.	Injury, poisoning and certain other consequences of external causes	66201	1481.4	5.7
XXI.	Factors influencing health status and contact with health services	169584	3794.9	14.7

**11. Hospitalized Patients (discharged and deceased)  
in Hospitals over 65 Years of Age  
by Classes of ICD-10 in 2016**

<b>ICD-10</b>	<b>Classes</b>	<b>Number</b>	<b>Per 100000 population</b>	<b>Structure (%)</b>
	<b>Total</b>	<b>804581</b>	<b>54847.2</b>	<b>100.0</b>
I.	Certain infectious and parasitic diseases	7348	500.9	0.9
II.	Neoplasms	70808	4826.9	8.8
III.	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	7312	498.5	0.9
IV.	Endocrine, nutritional and metabolic diseases	24117	1644.0	3.0
V.	Mental and behavioural disorders	4671	318.4	0.6
VI.	Diseases of the nervous system	24658	1680.9	3.1
VII.	Diseases of the eye and adnexa	42355	2887.3	5.3
VIII.	Diseases of the ear and mastoid process	12216	832.8	1.5
IX.	Diseases of the circulatory system	200383	13659.8	24.9
X.	Diseases of the respiratory system	52890	3605.4	6.6
XI.	Diseases of the digestive system	73415	5004.6	9.1
XII.	Diseases of the skin and subcutaneous tissue	15512	1057.4	1.9
XIII.	Diseases of the musculoskeletal system and connective tissue	42681	2909.5	5.3
XIV.	Diseases of the genitourinary system	50312	3429.7	6.3
XV.	Pregnancy, childbirth and the puerperium	x	x	x
XVI.	Certain conditions originating in the perinatal period	x	x	x
XVII.	Congenital malformations, deformations and chromosomal abnormalities	157	10.7	0.0
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	8810	600.6	1.1
XIX.	Injury, poisoning and certain other consequences of external causes	38788	2644.1	4.8
XXI.	Factors influencing health status and contact with health services	128148	8735.7	15.9

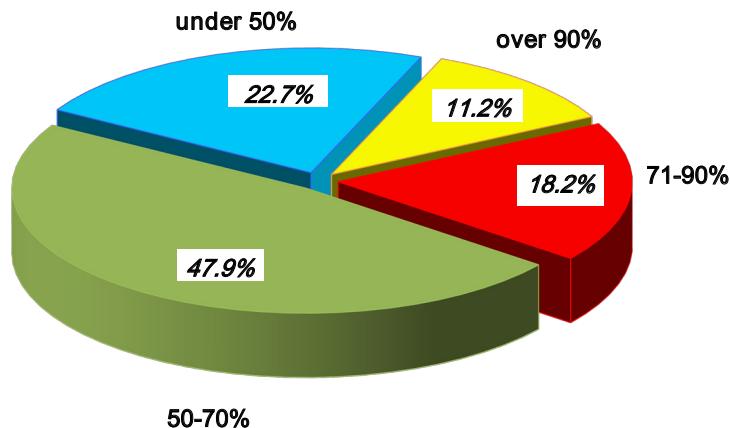
## 12. Primary Disability of Persons over 16 Years of Age

Year	Loss of capacity to work								Total	
	over 90%		71% – 90%		50% – 70%		under 50%			
	number	%	number	%	number	%	number	%	number	per 1000 population over 16 years of age
2001	29335	36.8	31394	39.3	14847	18.6	4227	5.3	79803	12.1
2004	38413	28.8	56862	42.7	28365	21.3	9611	7.2	133251	20.2
2005	28451	24.7	44452	38.6	28837	25.0	13438	11.7	115178	17.5
2009	16330	23.6	24082	34.9	21019	30.4	7647	11.1	69078	10.7
2010	14764	22.9	21002	32.6	20746	32.2	7935	12.3	64447	10.0
2014	15380	21.8	22783	32.4	23062	32.8	9138	13.0	70363	11.4
2015	14308	21.7	19838	30.2	22031	33.5	9574	14.6	65751	10.8
2016	12809	22.6	17077	30.2	19111	33.7	7659	13.5	56656	9.3



### 13. Primary Disability of Persons under 16 Years of Age

Year	Loss of capacity to work								Total	
	over 90%		71% – 90%		50% – 70%		under 50%			
	number	%	number	%	number	%	number	%	number	per 1000 population under 16 years of age
2001	2570	37.8	1757	25.8	1735	25.5	740	10.9	6802	5.1
2004	1222	20.7	1181	20.0	2645	44.9	851	14.4	5899	5.0
2005	801	17.1	•	•	•	•	819	17.5	4674	4.0
2009	517	14.4	•	•	•	•	453	12.7	3578	3.3
2010	628	16.4	•	•	•	•	570	14.9	3833	3.5
2014	523	10.3	857	17.0	2439	48.3	1231	24.4	5050	4.8
2015	526	10.5	815	16.2	2351	46.9	1322	26.4	5014	4.7
2016	473	11.2	770	18.2	2024	47.9	961	22.7	4228	4.0



## 14. Primary Disability of Persons over 16 Years of Age by Class of Disease and Loss of Capacity to work in 2016

ICD-10	Clases	(number)				
		over 90%	71%–90%	50%–70%	under 50%	Total
	<b>Total</b>	<b>12809</b>	<b>17077</b>	<b>19111</b>	<b>7659</b>	<b>56656</b>
I.	Certain infectious and parasitic diseases	45	343	66	91	545
II.	Neoplasms	6114	4566	971	121	11772
IV.	Endocrine, nutritional and metabolic diseases	213	1007	2155	841	4216
V.	Mental and behavioural disorders	734	1027	1260	165	3186
VI.	Diseases of the nervous system	455	507	701	298	1961
VII.	Diseases of the eye and adnexa	621	465	654	232	1972
VIII.	Diseases of the ear and mastoid process	12	181	531	260	984
IX.	Diseases of the circulatory system	3060	6404	7326	2558	19348
X.	Diseases of the respiratory system	49	180	722	636	1587
XI.	Diseases of the digestive system	188	369	508	161	1226
XIII.	Diseases of the musculoskeletal system and connective tissue	521	1377	2502	1505	5905
XIV.	Diseases of the genitourinary system	293	223	493	151	1160
XVII.	Congenital malformations, deformations and chromosomal abnormalities	9	34	101	44	188
XIX.	Injury, poisoning and certain other consequences of external causes	455	304	930	502	2191
	Other classes	40	90	191	94	415

## 15. Primary Disability of Persons under 16 Years of Age by Class of Disease and Loss of Capacity in 2016

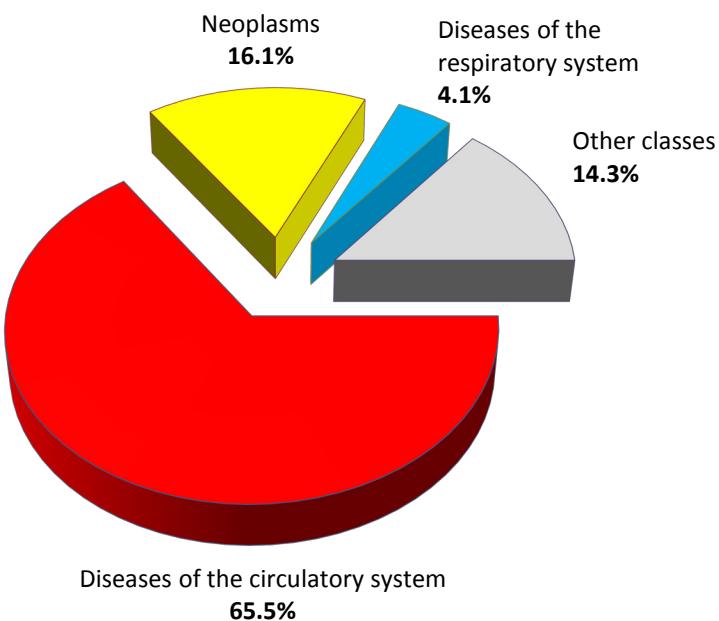
ICD-10	Clases	(number)				
		over 90%	71%–90%	50%–70%	under 50%	Total
	<b>Total</b>	<b>473</b>	<b>770</b>	<b>2024</b>	<b>961</b>	<b>4228</b>
I.	Certain infectious and parasitic diseases	-	61	24	3	88
II.	Neoplasms	88	17	14	1	120
III.	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	10	12	15	9	46
IV.	Endocrine, nutritional and metabolic diseases	18	83	129	13	243
V.	Mental and behavioural disorders	45	224	337	153	759
VI.	Diseases of the nervous system	123	105	196	88	512
VII.	Diseases of the eye and adnexa	7	18	61	54	140
VIII.	Diseases of the ear and mastoid process	2	42	34	19	97
IX.	Diseases of the circulatory system	2	4	23	5	34
X.	Diseases of the respiratory system	2	8	640	472	1122
XI.	Diseases of the digestive system	3	5	47	5	60
XIII.	Diseases of the musculoskeletal system and connective tissue	4	22	51	18	95
XIV.	Diseases of the genitourinary system	1	9	22	6	38
XVII.	Congenital malformations, deformations and chromosomal abnormalities	161	145	355	90	751
XIX.	Injury, poisoning and certain other consequences of external causes	4	3	28	12	47
	Other classes	3	12	48	13	76

## 16. Mortality by Causes in 2016

<b>Cause of death (ICD-10)</b>	<b>Number<sup>1)</sup></b>	<b>Per 100000 population</b>	<b>Struc- ture (%)</b>
<b>Total</b>	<b>107580</b>	<b>1509.3</b>	<b>100.0</b>
Certain infectious and parasitic diseases	661	9.3	0.6
Neoplasms	17294	242.6	16.1
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	131	1.8	0.1
Endocrine, nutritional and metabolic diseases	1634	22.9	1.5
Mental and behavioural disorders	90	1.3	0.1
Diseases of the nervous system	992	13.9	0.9
Diseases of the eye and adnexa	-	-	-
Diseases of the ear and mastoid process	-	-	-
Diseases of the circulatory system	70459	988.5	65.5
Diseases of the respiratory system	4428	62.1	4.1
Diseases of the digestive system	3931	55.2	3.7
Diseases of the skin and subcutaneous tissue	54	0.8	0.1
Diseases of the musculoskeletal system and connective tissue	29	0.4	0.0
Diseases of the genitourinary system	1473	20.7	1.4
Pregnancy, childbirth and the puerperium	2	0.0	0.0
Certain conditions originating in the perinatal period	205	2.9	0.2
Congenital malformations, deformations and chromosomal abnormalities	124	1.7	0.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	3387	47.5	3.1
External causes of morbidity and mortality	2686	37.7	2.5

<sup>1)</sup> NSI data

## Mortality by Causes in 2016



### III. HEALTH FACILITIES

#### 1. Health Facilities and Hospital Beds on 31.XII.2016

<i>Type of health establishments</i>	<i>Number</i>	<i>Beds</i>
<b>Health establishments for hospital care – total<sup>1)</sup></b>	<b>321</b>	<b>49589</b>
<b>Multiprofile hospitals</b>	<b>112</b>	<b>25353</b>
Multiprofile hospital for active treatment	110	25238
<b>Specialized hospitals</b>	<b>65</b>	<b>7121</b>
Specialized hospital for active treatment	33	3100
Specialized hospital for long term treatment and rehabilitation	10	930
Specialized hospital for rehabilitation	21	2951
<b>Psychiatric hospitals</b>	<b>12</b>	<b>2225</b>
<b>Private facilities for hospital care</b>	<b>111</b>	<b>11195</b>
<b>Health facilities for outpatient care (from Health establishments' reports)</b>		
Outpatient facilities for primary medical care – individual practices	3396	-
Outpatient facilities for primary dental care – individual practices	5062	-
Outpatient facilities for primary medical care – group practices	214	-
Outpatient facilities for primary dental care – group practices	372	-
Outpatient facilities for specialized medical care – individual practices	2949	-
Outpatient facilities for specialized dental care – individual practices	85	-

<sup>1)</sup> Health establishments of other administrations are included, but not allocated by type.

## **1. Health Facilities and Hospital Beds on 31.XII.2016**

(continued from previous)

<b>Type of health establishments</b>	<b>Number</b>	<b>Beds</b>
Outpatient facilities for specialized medical care – group practices	139	-
Outpatient facilities for specialized dental care – group practices	1	-
Medical center	702	825
Dental center	50	13
Medico-dental center	50	53
Diagnostic-consulting center	112	272
Stand-alone medico-diagnostic and medico-technical laboratories	1115	-
<b>Other healthcare and health establishments</b>		
Integral oncological centers	7	1145
Centers for dermato-venerological diseases	5	50
Centers for mental health	12	1032
Emergency healthcare centers	27	-
Stand alone centers for transfusional haematology	4	-
Medico-social care for children centers	17	1114
Hospices	45	1079
Centers without beds	7	-
Regional centers for health	28	-
<b>Sanatorial facilities</b>		
	-	-

## 2. Beds in Hospitals on 31.XII.2016 r. by Type

Type of beds	Number	Structure (%)	Per 10 000 population
<b>Total<sup>1)</sup></b>	<b>49589</b>		<b>69.8</b>
<b>Total<sup>2)</sup></b>	<b>45894</b>	<b>100.0</b>	<b>64.6</b>
<b>For active treatment</b>	<b>34951</b>	<b>76.2</b>	<b>49.2</b>
<b>Intensive care</b>	<b>1894</b>	<b>4.2</b>	<b>2.7</b>
internal diseases	43	0.1	0.1
cardiology	212	0.5	0.3
pediatric	75	0.2	0.1
surgery	43	0.1	0.1
neurology	92	0.2	0.1
obstetrics and gynecology	30	0.1	0.0
neurosurgery	-	-	-
intensive care ward	1313	2.8	1.8
other	86	0.2	0.1
<b>Obstetric-gynecological</b>	<b>3329</b>	<b>7.3</b>	<b>4.7</b>
gynecology	1248	2.8	1.8
obstetrics	1335	2.9	1.9
pathological pregnancy	692	1.5	1.0
assisted reproduction	54	0.1	0.1
<b>Pediatric</b>	<b>4333</b>	<b>9.4</b>	<b>6.1</b>
neonatology	1436	3.1	2.0
pediatrics	2697	5.9	3.8
<b>Therapeutic</b>	<b>16036</b>	<b>34.9</b>	<b>22.6</b>
internal diseases	1620	3.5	2.3
gastroenterology	1502	3.3	2.1
endocrinology	897	1.9	1.3
cardiology	2747	6.0	3.9
nephrology	682	1.5	1.0
rheumatology	551	1.2	0.8
pulmophysiatry	2101	4.6	3.0

<sup>1)</sup> Hospital beds of other administrations are included, but not allocated by type.

<sup>2)</sup> Hospital beds of other administrations are not included.

## 2. Beds in Hospitals on 31.XII.2016 r. by Type

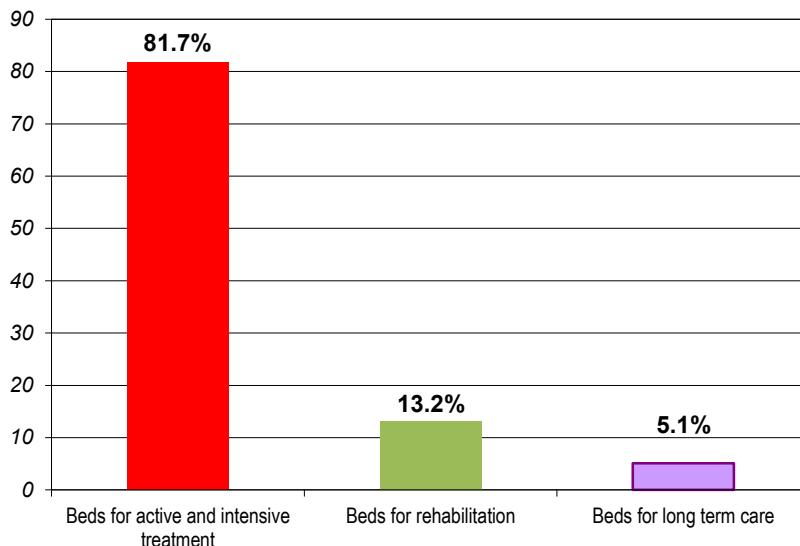
(continued from previous)

<i>Type of beds</i>	<i>Number</i>	<i>Structure (%)</i>	<i>Per 10 000 population</i>
clinical toxicology	55	0.1	0.1
clinical haematology	585	1.3	0.8
infectious diseases	788	1.7	1.1
neurology	3002	6.5	4.2
dermato-venerology	263	0.6	0.4
oncology	772	1.7	1.1
radiotherapy	418	0.9	0.6
<b>Surgical</b>	<b>9359</b>	<b>20.4</b>	<b>13.2</b>
surgery	3308	7.2	4.7
cardiosurgery	177	0.4	0.2
neurosurgery	456	1.0	0.6
orthopaedo-traumatology	1830	4.0	2.6
vascular surgery	456	1.0	0.6
urology	1055	2.3	1.5
ophthalmology	666	1.5	0.9
oto-rhino-laryngology	740	1.6	1.0
<b>For long term treatment</b>	<b>1603</b>	<b>3.5</b>	<b>2.3</b>
<b>For continuing treatment</b>	<b>1549</b>	<b>3.4</b>	<b>2.2</b>
internal diseases	216	0.5	0.3
cardiology	78	0.2	0.1
rheumatology	-	-	-
pulmophysiatry	625	1.3	0.9
orthopaedo-traumatology	76	0.2	0.1
neurology	261	0.6	0.4
premature baby, hypotrophy, or birth defects	-	-	-
<b>For palliative care</b>	<b>54</b>	<b>0.1</b>	<b>0.1</b>
<b>For rehabilitation</b>	<b>6365</b>	<b>13.9</b>	<b>9.0</b>
<b>Psychiatric</b>	<b>2975</b>	<b>6.4</b>	<b>4.2</b>
for active treatment	2177	4.7	3.1
for long term care	798	1.7	1.1
<b>Places for short stay</b>	<b>1107</b>		<b>1.6</b>
psychiatric	344		0.5

### 3. Beds in Hospitals and Other Healthcare Establishments on 31.XII.2016 r. by Type<sup>1)</sup>

Type of beds	Number	Structure (%)	Per 10 000 population
<b>Total<sup>2)</sup></b>	<b>51816</b>		<b>73.0</b>
<b>Total<sup>3)</sup></b>	<b>48121</b>	<b>100.0</b>	<b>67.8</b>
Beds for active and intensive treatment	39295	81.7	55.3
Beds for rehabilitation	6365	13.2	9.0
Beds for long term care	2461	5.1	3.5
Other beds	-	-	-
Psychiatric beds	4007	8.3	5.6
Places for short stay	1813	-	-

percentage



<sup>1)</sup> According to statistical grouping used by Eurostat.

<sup>2)</sup> Hospital beds of other administrations included, but not allocated by type.

<sup>3)</sup> Hospital beds of other administrations not included.

## IV. MEDICAL PERSONNEL

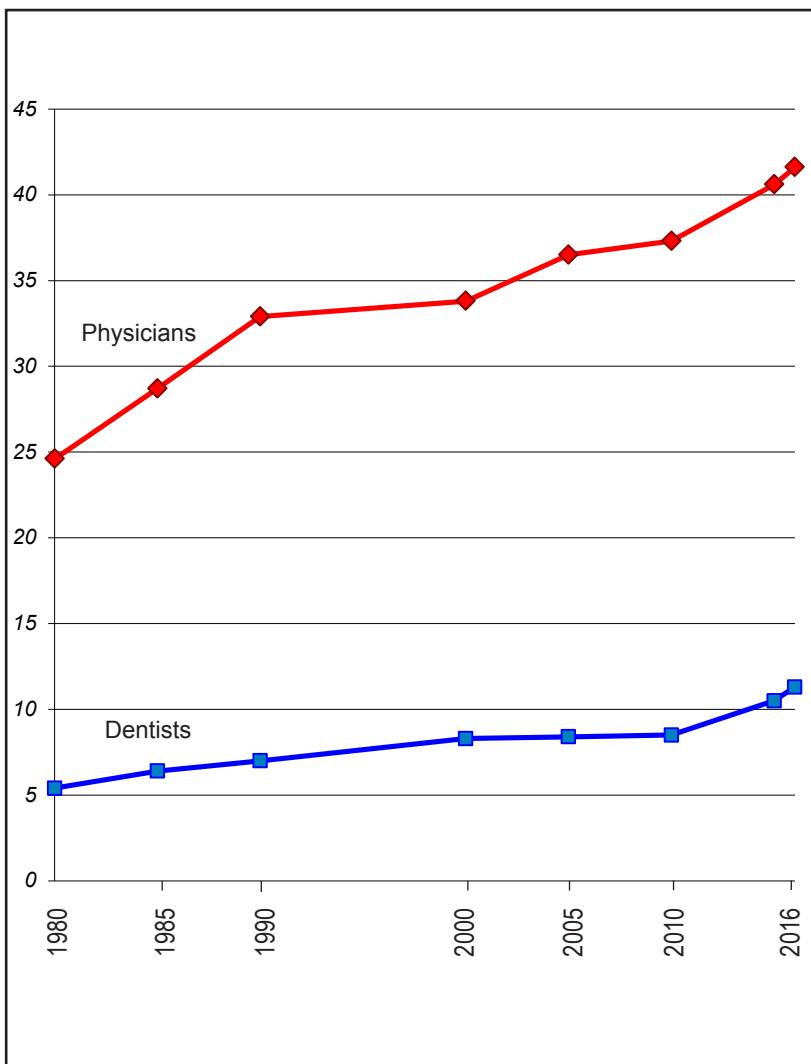
### 1. Medical Personnel<sup>1)</sup>

	1980	1990	2000	2010	2015	2016
<b>Number</b>						
Physicians	21796	28497	27526	27997	29073	29539
Dentists	4839	6109	6778	6355	7512	8011
Auxiliary medical personnel incl.:	77532	88387	49840	47468	47428	46930
med. assistants	7355	7617	3158	2417	2315	2255
midwives	7897	7544	4131	3247	3274	3254
nurses	45449	53810	31479	31786	31397	30976
clinical laboratory and X-ray technicians	6757	7604	5964	5765	5923	5962
dental technicians	2342	2858	1305	1280	1663	1592
other	7732	8954	3803	2973	2856	2891
<b>Per 10 000 population</b>						
Physicians	24.6	32.9	33.8	37.3	40.6	41.6
Dentists	5.4	7.0	8.3	8.5	10.5	11.3
Auxiliary medical personnel	87.3	102.0	61.2	63.2	66.3	66.1
Population per:						
one physician	407	304	296	268	246	240
one dentist	1834	1419	1202	1181	952	887

<sup>1)</sup> NSI data

## Medical Personnel

(per 10 000 population)



## 2. Physicians by Speciality<sup>1)</sup>

Specialities	2015		2016	
	number	per 10000 population	number	per 10000 population
<b>Physicians – total<sup>2)</sup></b>	<b>29073</b>	<b>40.6</b>	<b>29539</b>	<b>41.6</b>
incl.:				
internal medicine	1106	1.5	1053	1.5
gastroenterology	535	0.7	558	0.8
endocrinology	452	0.6	484	0.7
cardiology	1315	1.8	1358	1.9
nephrology	375	0.5	405	0.6
haematology	167	0.2	157	0.2
pulmophtysiatry	516	0.7	530	0.7
pediatry	1420	2.0	1467	2.1
surgery	1506	2.1	1469	2.1
traumatology	806	1.1	847	1.2
urology	459	0.6	469	0.7
neurosurgery	180	0.3	181	0.3
infectious	209	0.3	198	0.3
gynecology	1431	2.0	1453	2.0
ophtalmology	676	0.9	701	1.0
oto-rhino-laryngology	528	0.7	533	0.8
neurology	1158	1.6	1204	1.7
psychiatry	517	0.7	518	0.7
dermato-venerology	354	0.5	361	0.5
anaesthesiology	1583	2.2	1615	2.3
roentgenology	896	1.3	900	1.3
laboratory physicians	633	0.9	624	0.9
physiotherapy and rehabilitation	528	0.7	552	0.8
urgent care medicine	1366	1.9	882	1.2

<sup>1)</sup> NSI data

<sup>2)</sup> Physicians-oncologists are included in the respective general specialty – internists, surgeons etc.

## V. ACTIVITIES OF THE HEALTH FACILITIES

### 1. Activities of the Inpatient Wards of the Hospital Health Care Facilities in 2016

<i>Type of establishments</i>	<i>Admitted</i>	<i>Discharged</i>	<i>Deceased</i>	<i>Bed days</i>
<b>Healthcare establishments for hospital care – total<sup>1)</sup></b>	<b>2089278</b>	<b>2060415</b>	<b>26441</b>	<b>10826078</b>
<b>Multiprofile hospitals</b>	<b>1205964</b>	<b>1181837</b>	<b>22388</b>	<b>6053060</b>
Multiprofile hospital for active treatment	1203351	1179224	22381	6034332
<b>Specialized hospitals</b>	<b>261930</b>	<b>260985</b>	<b>719</b>	<b>1789494</b>
Specialized hospital for active treatment	142338	141495	626	787094
Specialized hospital for long term treatment	2661	2680	-	45323
Specialized hospital for long term treatment and rehabilitation	16587	16455	90	210706
Specialized hospital for rehabilitation	100344	100355	3	746371
<b>Psychiatric hospitals</b>	<b>9161</b>	<b>9106</b>	<b>65</b>	<b>604856</b>
<b>Private facilities for hospital care</b>	<b>612223</b>	<b>608487</b>	<b>3269</b>	<b>2378668</b>
Integral oncological centers	58733	58030	691	253477
Centers for dermato-venero-logical diseases	2139	2157	-	16439
Centers for mental health	15641	15594	32	332695

<sup>1)</sup> Excl. facilities of other administrations.

## 1. Activities of the Inpatient Wards of the Hospital Health Care Facilities in 2016

(continued from previous)

<b>Type of establishments</b>	<i>Utilization of beds (days)</i>	<i>Turnover of beds</i>	<i>Average length of stay (days)</i>	<i>Hospital mortality (%)</i>
<b>Healthcare establishments for hospital care – total<sup>1)</sup></b>	<b>241</b>	<b>47</b>	<b>5.1</b>	<b>1.3</b>
<b>Multiprofile hospitals</b>	<b>244</b>	<b>49</b>	<b>5.0</b>	<b>1.9</b>
Multiprofile hospital for active treatment	245	49	5.0	1.9
<b>Specialized hospitals</b>	<b>254</b>	<b>37</b>	<b>6.8</b>	<b>0.3</b>
Specialized hospital for active treatment	255	47	5.5	0.4
Specialized hospital for long term treatment	324	20	16.4	-
Specialized hospital for long term treatment and rehabilitation	228	18	12.5	0.5
Specialized hospital for rehabilitation	258	35	7.4	-
<b>Psychiatric hospitals</b>	<b>276</b>	<b>5</b>	<b>56.7</b>	<b>0.7</b>
<b>Private facilities for hospital care</b>	<b>220</b>	<b>57</b>	<b>3.9</b>	<b>0.5</b>
Integral oncological centers	225	52	4.3	1.2
Centers for dermato-venerological diseases	329	43	7.6	-
Centers for mental health	323	16	20.3	0.2

<sup>1)</sup> Excl. facilities of other administrations.

## 2. Utilization, Turnover and Average Length of Stay in Health Care Facilities in 2016 by Type of Beds

<i>Type of beds</i>	<i>Utilization (days)</i>	<i>Turnover</i>	<i>Average length of stay (days)</i>
<b>Total<sup>1)</sup></b>	<b>241</b>	<b>47</b>	<b>5.1</b>
<b>For active treatment</b>	<b>242</b>	<b>61</b>	<b>4.0</b>
<b><i>Intensive care</i></b>	<b>203</b>	<b>74</b>	<b>2.7</b>
internal diseases	298	87	3.4
cardiology	234	111	2.1
pediatric	240	55	4.4
surgery	235	47	5.0
neurology	266	63	4.2
obstetrics and gynecology	153	150	1.0
neurosurgery	-	-	-
intensive care ward	185	71	2.6
other	246	44	5.6
<b><i>Obstetric-gynecological</i></b>	<b>221</b>	<b>71</b>	<b>3.1</b>
gynecology	215	81	2.6
obstetrics	224	63	3.5
pathological pregnancy	237	68	3.5
assisted reproduction	67	65	1.0
<b><i>Pediatric</i></b>	<b>246</b>	<b>49</b>	<b>5.0</b>
neonatology	244	49	5.0
pediatrics	243	48	5.1
<b><i>Therapeutic</i></b>	<b>253</b>	<b>58</b>	<b>4.4</b>
internal diseases	229	56	4.1
gastroenterology	254	67	3.8
endocrinology	221	49	4.5
cardiology	239	72	3.3
nephrology	250	52	4.8
rheumatology	225	61	3.7
pulmophysiatry	273	36	7.6

<sup>1)</sup> Excl. facilities of other administrations.

## 2. Utilization, Turnover and Average Length of Stay in Health Care Facilities in 2016 by Type of Beds

(continued from previous)

<i>Type of beds</i>	<i>Utilization (days)</i>	<i>Turnover</i>	<i>Average length of stay (days)</i>
clinical toxicology	232	75	3.1
clinical haematology	287	58	5.0
infectious diseases	207	45	4.6
neurology	272	58	4.7
dermato-venerology	270	36	7.4
oncology	205	105	2.0
radiotherapy	453	29	15.7
<b>Surgical</b>	<b>236</b>	<b>66</b>	<b>3.6</b>
surgery	243	63	3.9
cardiosurgery	231	69	3.4
neurosurgery	247	51	4.8
orthopaedo-traumatology	244	58	4.2
vascular surgery	246	64	3.9
urology	242	73	3.3
ophthalmology	176	108	1.6
oto-rhino-laryngology	220	67	3.3
<b>For long term treatment</b>	<b>150</b>	<b>11</b>	<b>13.7</b>
<b>For continuing treatment</b>	<b>153</b>	<b>11</b>	<b>14.1</b>
internal diseases	79	6	12.4
cardiology	17	3	5.6
rheumatology	-	-	-
pulmophysiatry	267	17	15.4
orthopaedo-traumatology	28	3	9.0
neurology	26	4	5.9
premature baby, hypotrophy, or birth defects	-	-	-
<b>For palliative care</b>	<b>73</b>	<b>14</b>	<b>5.2</b>
<b>For rehabilitation</b>	<b>238</b>	<b>32</b>	<b>7.4</b>
<b>Psychiatric</b>	<b>286</b>	<b>9</b>	<b>30.9</b>
for active treatment	297	12	25.8
for long term care	257	3	78.4

### 3. Women in childbirth served at inpatient healthcare facilities

	<b>2000</b>	<b>2005</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>Women giving birth at health-care facilities</b>	<b>71107</b>	<b>67845</b>	<b>63355</b>	<b>60700</b>	<b>60764</b>
incl. cases of:					
transverse or oblique presentation	234	327	452	481	461
of these: unattended	23	19	31	20	18
Narrow pelvis	857	715	1360	1442	1290
pelvic malpositions	1693	1952	1476	1316	1253
complicated by:					
hemorrhages	1518	884	692	675	504
exogenous diseases	629	779	729	702	655
of these: cardiovascular	148	160	113	94	69
diabetes mellitus	79	128	214	225	218
<b>Admitted women after childbirth outside health facilities</b>	<b>793</b>	<b>401</b>	<b>178</b>	<b>250</b>	<b>231</b>
<b>Total number of women in childbirth attended</b>	<b>71900</b>	<b>68246</b>	<b>63533</b>	<b>60950</b>	<b>60995</b>
of these: multiple gestation	614	582	1065	986	1040
Distribution of women in childbirth by age					
up to 19 years of age	12669	9863	6259	6055	5512
from 20 to 35 years of age	56185	54407	49401	47360	46528
above 35 years of age	3046	3976	7873	7535	8955

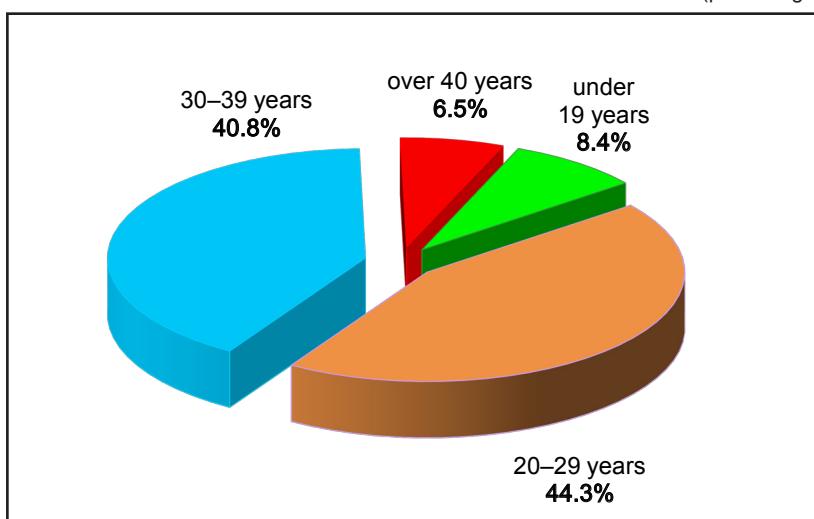
#### 4. Made Abortions in Health Facilities during 2016 by Age Group and Type of Abortion

(Number)

Age groups	Abortions	by type				
		Sponta-neous	Terapeu-tic	from them:		Other types and abortion, unspecified
				by request	medical indicated	
Общо	<b>26412</b>	<b>7866</b>	<b>18542</b>	<b>16340</b>	<b>2202</b>	<b>4</b>
< 15	98	58	40	18	22	-
15–19	2110	824	1285	1151	134	1
20–24	4821	1178	3642	3405	237	1
25–29	6877	1971	4905	4475	430	1
30–34	6167	1901	4265	3815	450	1
35–39	4616	1365	3251	2609	642	-
40–44	1588	523	1065	795	270	-
45–49	112	42	70	54	16	-
> 50	23	4	19	18	1	-

**Made Abortions by Age**

(percentage)



## 5. Made Abortions in Health Facilities

(Number)

	<b>1980</b>	<b>1985</b>	<b>1990</b>	<b>2000</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>Total</b>	<b>156056</b>	<b>132269</b>	<b>144644</b>	<b>61378</b>	<b>28145</b>	<b>27782</b>	<b>26412</b>
incl.:							
medical indicated	3830	5586	4352	2567	2735	2630	2202
spontaneous abortions	15787	14245	12601	10626	8890	8590	7866
others	180	228	91	29	3	395	4
legal abortions	136259	112210	127600	48156	16517	16167	16340

## 6. Persons Served by the Centers for Urgent Medical Care and Urgent Wards

	<b>2015</b>		<b>2016</b>	
	<b>Number</b>	<b>( % )</b>	<b>Number</b>	<b>( % )</b>
<b>Persons attended – total</b>	<b>2463533</b>	<b>100.0</b>	<b>2570362</b>	<b>100.0</b>
incl.:				
Centers for urgent medical care	1288566	52.3	1268798	49.4
incl. at calls performed	725832	29.5	687762	26.8
Urgent wards	1132747	46.0	1259389	49.0

## 7. Number and Type of Surgeries of Patients, Discharged from Hospitals in 2016

Type of surgery	Discharged surgical patients	incl.:		Lethality (%)
		with complications	dead	
<b>Total</b>	<b>606243</b>	<b>2688</b>	<b>4013</b>	<b>0.7</b>
Surgery of gastrointestinal tract	77440	366	1219	1.6
Apendectomy due to acute appendicitis	6037	13	13	0.2
Herniotomy due to unobstructed hernia	16915	23	17	0.1
Obstetrics-gynecological surgeries	120277	221	17	0.0
Endocrine surgeries	2897	3	3	0.1
Orthopaedics-traumatology surgeries	99160	400	415	0.4
Chest surgeries	9927	91	214	2.2
Breast surgery due to neoplasm	6665	21	4	0.1
Urological surgeries	61055	257	142	0.2
Otho-Rhino-Larhingological surgeries	34251	17	24	0.1
Tonsillectomy	4088	1	1	0.0
Ophtalmological surgeries	52499	11	1	0.0
Catharacta	31153	5	1	0.0
Neurosurguries	9361	80	436	4.7
Cardiovascular surgeries	10879	672	346	3.2
Vascular surgeries	16455	121	292	1.8
Facial and dental surgeries	10157	6	4	0.0
Plastic, reconstructive and esthetic surgeries	8950	15	38	0.4
Other surgical interventions	86270	407	858	1.0

**8. Number and Type of Surgeries of Patients,  
Discharged from Hospitals in 2016  
by type of healthcare facility**

<i>Type of surgery</i>	<i>Total</i>	<i>Multiprofile hospitals for active treatment</i>	<i>Specialized hospitals for active treatment</i>
<b>Total</b>	<b>606243</b>	<b>310436</b>	<b>37835</b>
Surgery of gastrointestinal tract	77440	43990	1353
Appendectomy due to acute appendicitis	6037	4840	1
Herniotomy due to unobstructed hernia	16915	9516	237
Obstetrics-gynecological surgeries	120277	55315	20834
Endocrine surgeries	2897	1019	839
Orthopaedics-traumatology surgeries	99160	52930	1964
Chest surgeries	9927	4241	2562
Breast surgery due to neoplasm	6665	1662	1380
Urological surgeries	61055	30895	1026
Otho-Rhino-Laryngological surgeries	34251	20095	247
Tonsillectomy	4088	1959	6
Ophtalmological surgeries	52499	19761	1884
Cataracta	31153	11878	911
Neurosurgeries	9361	6717	76
Cardiovascular surgeries	10879	6216	-
Vascular surgeries	16455	8161	70
Facial and dental surgeries	10157	5679	1446
Plastic, reconstructive and esthetic surgeries	8950	3898	10
Other surgical interventions	86270	49857	4144

## 8. Number and Type of Surgeries of Patients, Discharged from Hospitals in 2016 by type of healthcare facility

(continued from previous)

<i>Type of surgery</i>	<i>Private facilities for hospital care</i>	<i>Other facilities for hospital care</i>	<i>Integral oncological centers</i>
<b>Total</b>	<b>222100</b>	<b>24214</b>	<b>11658</b>
Surgery of gastrointestinal tract	26468	4396	1233
Apendectomy due to acute appendicitis	1085	109	2
Herniotomy due to unobstructed hernia	5994	1042	126
Obstetrics-gynecological surgeries	40011	1215	2902
Endocrine surgeries	815	184	40
Orthopaedics-traumatology surgeries	40597	3659	10
Chest surgeries	2107	813	204
Breast surgery due to neoplasm	1243	300	2080
Urological surgeries	24349	3416	1369
Otho-Rhino-Larhingological surgeries	12606	1089	214
Tonsillectomy	1872	251	-
Ophtalmological surgeries	29371	1483	-
Catharacta	17256	1108	-
Neurosurguries	2240	328	-
Cardiovascular surgeries	4439	224	-
Vascular surgeries	7134	941	149
Facial and dental surgeries	2194	838	-
Plastic, reconstructive and esthetic surgeries	4953	85	4
Other surgical interventions	23573	5243	3453

## VI. ECONOMICAL INDICATORS OF THE HEALTH FACILITIES FOR 2016

(in leva)

Types of health facilities	<i>Average costs:</i>				
	per patient	per bed	per bed day	per medicine day	per food day
<b>Multiprofile hospital for active treatment</b>					
Regional	730.27	37009	147.89	30.73	2.30
Municipal	574.87	25969	118.33	13.22	1.94
City	621.32	32177	136.34	18.57	2.82
<b>Specialized hospital for active treatment</b>					
Pulmonary diseases	579.07	13635	51.11	8.57	2.25
Gynecological diseases	774.26	39382	169.62	22.71	2.14
State psychiatric hospitals	2116.55	10084	37.49	1.76	2.56
Pulmophysiatical diseases	528.61	15647	59.86	10.04	3.47
<b>Other healthcare establishments for hospital care</b>					
Integral oncological centers	1328.00	92312	388.01	228.87	2.61
Centers for dermato-venerological diseases	459.30	19878	60.46	7.15	2.07
Centers for mental health	826.90	13508	40.80	2.04	3.12

## VII. REVIEW BY REGIONS

### 1. Population on 31.XII.2016<sup>1)</sup>

<i>Regions</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Urban</i>	<i>Rural</i>
<b>Number</b>					
<b>Total</b>	<b>7101859</b>	<b>3449978</b>	<b>3651881</b>	<b>5204385</b>	<b>1897474</b>
Blagoevgrad	310321	151342	158979	185060	125261
Bourgas	412684	200368	212316	314497	98187
Varna	472654	230690	241964	395165	77489
V. Tarnovo	242259	117156	125103	169869	72390
Vidin	88867	43400	45467	56918	31949
Vratza	168727	83036	85691	98139	70588
Gabrovo	112334	54239	58095	91904	20430
Dobrich	178438	87054	91384	123051	55387
Kardgali	150837	75034	75803	62192	88645
Kjustendil	123431	60022	63409	85594	37837
Lovetch	129222	63102	66120	80951	48271
Montana	134669	65899	68770	85751	48918
Pazardgik	260814	127882	132932	163074	97740
Pernik	123770	60413	63357	97316	26454
Pleven	248138	121044	127094	165060	83078
Plovdiv	671573	323157	348416	504707	166866
Razgrad	115402	56367	59035	54432	60970
Rousse	223489	109192	114297	173505	49984
Silistra	111957	55011	56946	49620	62337
Sliven	189788	92361	97427	124798	64990
Smoljan	109425	53169	56256	60927	48498
Sofia-capital	1323637	633596	690041	1264064	59573
Sofia	234185	115281	118904	142980	91205
St. Zagora	321377	155975	165402	231243	90134
Targovischte	113694	55644	58050	61212	52482
Haskovo	233415	114151	119264	168526	64889
Shoumen	174476	85410	89066	107850	66626
Yambol	122276	59983	62293	85980	36296

<sup>1)</sup> NSI data

## 1. Population on 31.XII.2016

(continued from previous)

<b>Regions</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Urban</b>	<b>Rural</b>
	<b>Percentage (%)</b>				
<b>Total</b>	<b>100.0</b>	<b>48.6</b>	<b>51.4</b>	<b>73.3</b>	<b>26.7</b>
Blagoevgrad	100.0	48.8	51.2	59.6	40.4
Bourgas	100.0	48.6	51.4	76.2	23.8
Varna	100.0	48.8	51.2	83.6	16.4
V. Tarnovo	100.0	48.4	51.6	70.1	29.9
Vidin	100.0	48.8	51.2	64.0	36.0
Vratza	100.0	49.2	50.8	58.2	41.8
Gabrovo	100.0	48.3	51.7	81.8	18.2
Dobrich	100.0	48.8	51.2	69.0	31.0
Kardgali	100.0	49.7	50.3	41.2	58.8
Kjustendil	100.0	48.6	51.4	69.3	30.7
Lovetch	100.0	48.8	51.2	62.6	37.4
Montana	100.0	48.9	51.1	63.7	36.3
Pazardgik	100.0	49.0	51.0	62.5	37.5
Pernik	100.0	48.8	51.2	78.6	21.4
Pleven	100.0	48.8	51.2	66.5	33.5
Plovdiv	100.0	48.1	51.9	75.2	24.8
Razgrad	100.0	48.8	51.2	47.2	52.8
Rousse	100.0	48.9	51.1	77.6	22.4
Silistra	100.0	49.1	50.9	44.3	55.7
Sliven	100.0	48.7	51.3	65.8	34.2
Smoljan	100.0	48.6	51.4	55.7	44.3
Sofia-capital	100.0	47.9	52.1	95.5	4.5
Sofia	100.0	49.2	50.8	61.1	38.9
St. Zagora	100.0	48.5	51.5	72.0	28.0
Targovischte	100.0	48.9	51.1	53.8	46.2
Haskovo	100.0	48.9	51.1	72.2	27.8
Shoumen	100.0	49.0	51.0	61.8	38.2
Yambol	100.0	49.1	50.9	70.3	29.7

## 2. Live Births in 2016<sup>1)</sup>

Regions	Total	Urban	Rural	Total	Urban	Rural
	Number			Per 1000 population		
<b>Total</b>	<b>64984</b>	<b>48733</b>	<b>16251</b>	<b>9.1</b>	<b>9.3</b>	<b>8.5</b>
Blagoevgrad	2836	1816	1020	9.1	9.8	8.1
Bourgas	3951	2962	989	9.6	9.4	10.0
Varna	4524	3795	729	9.6	9.6	9.4
V. Tarnovo	2141	1615	526	8.8	9.5	7.2
Vidin	556	369	187	6.2	6.4	5.7
Vratza	1453	840	613	8.5	8.5	8.6
Gabrovo	727	599	128	6.4	6.5	6.2
Dobrich	1466	983	483	8.2	8.0	8.6
Kardgali	1399	653	746	9.3	10.5	8.4
Kjustendil	859	655	204	6.9	7.6	5.3
Lovetch	964	613	351	7.4	7.5	7.2
Montana	1106	716	390	8.1	8.3	7.9
Pazardgik	2403	1520	883	9.2	9.3	9.0
Pernik	950	810	140	7.6	8.3	5.2
Pleven	2182	1393	789	8.7	8.4	9.4
Plovdiv	6363	4907	1456	9.5	9.7	8.7
Razgrad	932	418	514	8.0	7.6	8.4
Rousse	1772	1435	337	7.9	8.2	6.7
Silistra	997	393	604	8.9	7.9	9.6
Sliven	2327	1437	890	12.2	11.5	13.6
Smoljan	778	459	319	7.0	7.5	6.5
Sofia-capital	13489	13029	460	10.2	10.3	7.7
Sofia	2045	1351	694	8.7	9.4	7.6
St. Zagora	3025	2185	840	9.4	9.4	9.2
Targovischte	971	483	488	8.5	7.9	9.2
Haskovo	2033	1478	555	8.7	8.7	8.5
Shoumen	1568	989	579	9.0	9.1	8.7
Yambol	1167	830	337	9.5	9.6	9.2

<sup>1)</sup> NSI data

### 3. Deaths in 2016<sup>1)</sup>

Regions	<i>Total</i>	<i>Urban</i>	<i>Rural</i>	<i>Total</i>	<i>Urban</i>	<i>Rural</i>
	Number			Per 1000 population		
<b>Total</b>	<b>107580</b>	<b>67192</b>	<b>40388</b>	<b>15.1</b>	<b>12.9</b>	<b>21.1</b>
Blagoevgrad	3937	2135	1802	12.6	11.5	14.3
Bourgas	5467	3731	1736	13.2	11.9	17.6
Varna	6113	4591	1522	12.9	11.6	19.6
V. Tarnovo	4092	2174	1918	16.8	12.7	26.2
Vidin	2081	869	1212	23.1	15.1	37.2
Vratza	3204	1401	1803	18.8	14.2	25.2
Gabrovo	2169	1459	710	19.1	15.7	34.5
Dobrich	2784	1601	1183	15.5	12.9	21.2
Kardgali	1902	663	1239	12.6	10.7	13.9
Kjustendil	2485	1393	1092	19.9	16.1	28.4
Lovetch	2510	1255	1255	19.3	15.4	25.7
Montana	2896	1370	1526	21.3	15.9	30.8
Pazardgik	3932	2222	1710	15.0	13.6	17.4
Pernik	2395	1552	843	19.2	15.9	31.5
Pleven	4624	2409	2215	18.5	14.5	26.4
Plovdiv	9824	6535	3289	14.6	13.0	19.6
Razgrad	1883	791	1092	16.2	14.4	17.8
Rousse	3703	2421	1282	16.5	13.9	25.4
Silistra	1804	778	1026	16.0	15.6	16.4
Sliven	2772	1618	1154	14.6	12.9	17.7
Smoljan	1655	780	875	15.0	12.7	17.8
Sofia-capital	15523	14707	816	11.7	11.7	13.7
Sofia	4270	2141	2129	18.1	14.9	23.2
St. Zagora	5203	3005	2198	16.1	13.0	24.2
Targovischte	1850	776	1074	16.2	12.6	20.3
Haskovo	3849	2260	1589	16.4	13.3	24.3
Shoumen	2548	1424	1124	14.6	13.1	16.8
Yambol	2105	1131	974	17.1	13.1	26.6

<sup>1)</sup> NSI data

#### 4. Natural Growth of Population in 2016<sup>1)</sup>

Regions	Total	Urban	Rural	Total	Urban	Rural
	Number			Per 1000 population		
<b>Total</b>	<b>-42596</b>	<b>-18459</b>	<b>-24137</b>	<b>-6.0</b>	<b>-3.6</b>	<b>-12.6</b>
Blagoevgrad	-1101	-319	-782	-3.5	-1.7	-6.2
Bourgas	-1516	-769	-747	-3.6	-2.5	-7.6
Varna	-1589	-796	-793	-3.3	-2.0	-10.2
V. Tarnovo	-1951	-559	-1392	-8.0	-3.2	-19.0
Vidin	-1525	-500	-1025	-16.9	-8.7	-31.5
Vratza	-1751	-561	-1190	-10.3	-5.7	-16.6
Gabrovo	-1442	-860	-582	-12.7	-9.2	-28.3
Dobrich	-1318	-618	-700	-7.3	-4.9	-12.6
Kardgali	-503	-10	-493	-3.3	-0.2	-5.5
Kjustendil	-1626	-738	-888	-13.0	-8.5	-23.1
Lovetch	-1546	-642	-904	-11.9	-7.9	-18.5
Montana	-1790	-654	-1136	-13.2	-7.6	-22.9
Pazardgik	-1529	-702	-827	-5.8	-4.3	-8.4
Pernik	-1445	-742	-703	-11.6	-7.6	-26.3
Pleven	-2442	-1016	-1426	-9.8	-6.1	-17.0
Plovdiv	-3461	-1628	-1833	-5.1	-3.3	-10.9
Razgrad	-951	-373	-578	-8.2	-6.8	-9.4
Rousse	-1931	-986	-945	-8.6	-5.7	-18.7
Silistra	-807	-385	-422	-7.1	-7.7	-6.8
Sliven	-445	-181	-264	-2.4	-1.4	-4.1
Smoljan	-877	-321	-556	-8.0	-5.2	-11.3
Sofia-capital	-2034	-1678	-356	-1.5	-1.4	-6.0
Sofia	-2225	-790	-1435	-9.4	-5.5	-15.6
St. Zagora	-2178	-820	-1358	-6.7	-3.6	-15.0
Targovischte	-879	-293	-586	-7.7	-4.7	-11.1
Haskovo	-1816	-782	-1034	-7.7	-4.6	-15.8
Shoumen	-980	-435	-545	-5.6	-4.0	-8.1
Yambol	-938	-301	-637	-7.6	-3.5	-17.4

<sup>1)</sup> NSI data

## 5. Infant Mortality in 2016<sup>1)</sup>

<b><i>Regions</i></b>	<b><i>Total</i></b>	<b><i>Urban</i></b>	<b><i>Rural</i></b>	<b><i>Total</i></b>	<b><i>Urban</i></b>	<b><i>Rural</i></b>
	Number		Per 1000 live births			
<b>Total</b>	<b>423</b>	<b>285</b>	<b>138</b>	<b>6.5</b>	<b>5.8</b>	<b>8.5</b>
Blagoevgrad	20	14	6	7.1	7.7	5.9
Burgas	23	12	11	5.8	4.1	11.1
Varna	22	15	7	4.9	4.0	9.6
V. Tarnovo	19	15	4	8.9	9.3	7.6
Vidin	5	3	2	9.0	8.1	10.7
Vratza	7	4	3	4.8	4.8	4.9
Gabrovo	4	4	-	5.5	6.7	-
Dobrich	6	2	4	4.1	2.0	8.3
Kardgali	8	4	4	5.7	6.1	5.4
Kjustendil	11	9	2	12.8	13.7	9.8
Lovetch	9	6	3	9.3	9.8	8.5
Montana	14	10	4	12.7	14.0	10.3
Pazardgik	22	11	11	9.2	7.2	12.5
Pernik	5	4	1	5.3	4.9	7.1
Pleven	23	15	8	10.5	10.8	10.1
Plovdiv	39	26	13	6.1	5.3	8.9
Razgrad	2	1	1	2.1	2.4	1.9
Rousse	12	8	4	6.8	5.6	11.9
Silistra	6	2	4	6.0	5.1	6.6
Sliven	20	9	11	8.6	6.3	12.4
Smoljan	5	3	2	6.4	6.5	6.3
Sofia-capital	34	33	1	2.5	2.5	2.2
Sofia	18	13	5	8.8	9.6	7.2
St. Zagora	37	26	11	12.2	11.9	13.1
Targovischte	7	2	5	7.2	4.1	10.2
Haskovo	20	16	4	9.8	10.8	7.2
Shoumen	10	5	5	6.4	5.1	8.6
Yambol	15	13	2	12.9	15.7	5.9

<sup>1)</sup> NSI data

## 6. Registered Cases of Certain Infectious Diseases Subject to Obligatory Reporting in 2016

(per 100 000 population)

<b>Regions</b>	<b>Scarlet fever</b>	<b>Pertussis</b>	<b>Chiken pox</b>	<b>Mumps</b>	<b>Lyme disease</b>
<b>Total</b>	<b>67.6</b>	<b>1.4</b>	<b>455.6</b>	<b>0.3</b>	<b>4.1</b>
Blagoevgrad	21.8	-	176.8	-	1.9
Bourgas	43.3	0.7	269.8	0.2	1.2
Varna	119.1	-	837.6	0.6	6.1
V. Tarnovo	60.3	0.4	447.0	-	3.3
Vidin	82.2	-	412.0	-	3.3
Vratza	24.7	-	167.9	-	0.6
Gabrovo	39.7	-	577.2	-	27.4
Dobrich	29.0	-	127.0	-	9.5
Kardgali	52.3	-	117.8	-	-
Kjustendil	60.1	-	624.6	-	1.6
Lovetch	56.0	0.8	375.9	0.8	4.6
Montana	42.7	2.2	747.4	0.7	12.5
Pazardgik	15.3	-	93.8	-	0.4
Pernik	101.1	0.8	1259.9	-	6.4
Pleven	40.4	1.2	449.5	-	9.6
Plovdiv	71.8	0.1	560.2	-	4.2
Razgrad	48.1	2.6	643.0	-	26.7
Rousse	31.6	0.4	881.6	2.2	8.9
Silistra	64.8	-	152.7	-	5.3
Sliven	40.4	-	211.6	-	-
Smoljan	41.6	-	593h.6	-	0.9
Sofia-capital	117.6	2.7	452.5	0.5	1.3
Sofia	20.8	5.1	212.2	-	0.4
St. Zagora	73.8	10.2	424.8	-	1.9
Targovischte	55.9	-	245.5	-	10.5
Haskovo	100.0	-	584.1	0.9	2.1
Shoumen	26.3	-	478.6	-	2.9
Yambol	87.0	-	608.7	-	-

## 6. Registered Cases of Certain Infectious Diseases Subject to Obligatory Reporting in 2016

(per 100 000 population)

Regions	<i>Shigellosis</i>	<i>Infectious hepatitis</i>	<i>Meningitis and meningoencephalitis</i>	
			<i>bacterial</i>	<i>viral</i>
<b>Total</b>	<b>4.1</b>	<b>30.4</b>	<b>1.6</b>	<b>2.8</b>
Blagoevgrad	19.3	14.1	0.6	0.6
Bourgas	3.1	50.6	3.1	3.1
Varna	1.1	14.4	1.7	1.9
V. Tarnovo	1.6	16.0	0.4	8.6
Vidin	1.1	13.3	-	-
Vratza	1.2	2.9	-	2.3
Gabrovo	-	14.1	1.8	7.1
Dobrich	0.6	8.4	5.0	3.3
Kardgali	-	6.6	0.7	0.7
Kjustendil	16.8	5.6	1.6	2.4
Lovetch	0.8	43.0	0.8	3.8
Montana	-	4.4	-	0.7
Pazardgik	8.4	38.5	-	-
Pernik	3.2	29.7	-	4.0
Pleven	1.2	5.2	0.8	2.0
Plovdiv	1.2	108.7	1.9	1.3
Razgrad	-	11.2	-	0.9
Rousse	-	4.5	2.2	1.3
Silistra	44.4	4.4	0.9	-
Sliven	6.3	98.2	0.5	6.3
Smoljan	3.6	45.2	3.6	5.4
Sofia-capital	1.2	9.8	1.6	2.3
Sofia	0.8	12.3	0.8	3.4
St. Zagora	14.3	50.2	3.4	6.5
Targovischte	-	7.0	1.7	0.9
Haskovo	0.4	44.7	4.7	6.4
Shoumen	3.4	30.3	0.6	-
Yambol	7.3	36.6	2.4	8.9

## 7. Registered Cases of Active Tuberculosis in 2016

Regions	<i>New cases and relapses</i>	
	<i>number</i>	<i>per 100 000 population</i>
<b>Total</b>	<b>1544</b>	<b>21.7</b>
Blagoevgrad	65	20.9
Bourgas	104	25.2
Varna	73	15.4
V. Tarnovo	48	19.7
Vidin	34	37.8
Vratza	64	37.6
Gabrovo	41	36.2
Dobrich	26	14.5
Kardgali	19	12.6
Kjustendil	29	23.3
Lovetch	25	19.2
Montana	32	23.5
Pazardgik	51	19.4
Pernik	36	28.9
Pleven	49	19.6
Plovdiv	124	18.4
Razgrad	25	21.5
Rousse	28	12.5
Silistra	24	21.3
Sliven	50	26.2
Smoljan	15	13.6
Sofia-capital	311	23.5
Sofia	74	31.4
St. Zagora	55	17.1
Targovischte	26	22.7
Haskovo	49	20.9
Shoumen	39	22.3
Yambol	28	22.8

## 8. Registered Cases of Malignant Neoplasms in 2016

(per 100 000 population)

<b>Regions</b>	<b>Total</b>	<i>incl. new cases</i>
<b>Total</b>	<b>4036.0</b>	<b>435.5</b>
Blagoevgrad	3445.7	399.3
Bourgas	3664.8	454.2
Varna	3940.7	454.7
V. Tarnovo	3871.0	417.8
Vidin	3691.2	307.6
Vratza	4422.8	419.7
Gabrovo	3986.7	345.1
Dobrich	3344.5	415.6
Kardgali	2905.1	415.0
Kjustendil	3420.4	335.1
Lovetch	3856.3	417.3
Montana	3783.6	325.2
Pazardgik	3923.0	437.4
Pernik	3620.0	372.4
Pleven	4606.1	529.5
Plovdiv	5060.0	517.4
Razgrad	3865.2	392.0
Rousse	5527.6	565.5
Silistra	4222.8	420.1
Sliven	3361.9	413.2
Smoljan	3636.7	486.8
Sofia-capital	4168.7	425.4
Sofia	2812.9	234.7
St. Zagora	4305.0	487.4
Targovischte	3609.3	351.2
Haskovo	4040.5	469.1
Shoumen	4181.1	446.0
Yambol	3696.9	505.5

## 9. Registered Cases of Some Venereal and Skin Infections in 2016

(per 100 000 population)

<i><b>Regions</b></i>	<i><b>Syphilis – new cases</b></i>	<i><b>Gonorrhea – new cases</b></i>
<b>Total</b>	<b>5.3</b>	<b>1.6</b>
Blagoevgrad	-	-
Burgas	9.2	3.0
Varna	-	-
V. Tarnovo	13.1	-
Vidin	-	4.5
Vratza	6.5	-
Gabrovo	4.4	-
Dobrich	6.1	3.4
Kardgali	4.6	-
Kjustendil	2.4	-
Lovetch	-	-
Montana	-	-
Pazardgik	1.1	2.3
Pernik	4.8	-
Pleven	11.6	-
Plovdiv	12.6	7.7
Razgrad	2.6	-
Rousse	1.3	-
Silistra	3.6	-
Sliven	13.1	1.1
Smoljan	-	-
Sofia-capital	6.4	-
Sofia	-	-
St. Zagora	6.8	8.3
Targovischte	-	-
Haskovo	-	-
Shoumen	2.3	-
Yambol	3.3	5.0

**10. Patients Under Observation of Psychiatric Establishments and Structures by Type of Disease on 31.XII.2016**

Regions	Total		<i>Schizophrenia, schizotypal and delusional disorders</i>		<i>incl. Schizophrenia</i>	
	number	per 100 000 population	number	per 100 000 population	number	per 100 000 population
<b>Total</b>	<b>126452</b>	<b>1780.5</b>	<b>31985</b>	<b>450.4</b>	<b>25793</b>	<b>363.2</b>
Blagoevgrad	83	26.7	64	20.6	64	20.6
Bourgas	18819	4560.1	3176	769.6	1406	340.7
Varna	483	102.2	146	30.9	142	30.0
V. Tarnovo	5592	2308.3	1375	567.6	1237	510.6
Vidin	-	-	-	-	-	-
Vratza	1772	1050.2	939	556.5	904	535.8
Gabrovo	1907	1697.6	997	887.5	979	871.5
Dobrich	1677	939.8	904	506.6	895	501.6
Kardgali	4415	2927.0	1288	853.9	1098	727.9
Kjustendil	2033	1647.1	343	277.9	194	157.2
Lovetch	3923	3035.9	776	600.5	488	377.6
Montana	1641	1218.5	519	385.4	445	330.4
Pazardgik	2370	908.7	873	334.7	844	323.6
Pernik	4841	3911.3	944	762.7	775	626.2
Pleven	5330	2148.0	1099	442.9	1007	405.8
Plovdiv	20606	3068.3	4350	647.7	3337	496.9
Razgrad	4848	4201.0	906	785.1	824	714.0
Rousse	3024	1353.1	1176	526.2	1054	471.6
Silistra	90	80.4	64	57.2	64	57.2
Sliven	5440	2866.4	1095	577.0	980	516.4
Smoljan	4101	3747.8	1064	972.4	936	855.4
Sofia-capital	11833	894.0	3351	253.2	3256	246.0
Sofia	4393	1875.9	1387	592.3	998	426.2
St. Zagora	6666	2074.2	1820	566.3	879	273.5
Targovischte	1569	1380.0	792	696.6	772	679.0
Haskovo	3581	1534.2	1083	464.0	795	340.6
Shoumen	1017	582.9	682	390.9	669	383.4
Yambol	4398	3596.8	772	631.4	751	614.2

**10. Patients Under Observation of Psychiatric Establishments and Structures by Type of Disease on 31.XII.2016**

Regions	<i>Mood [affective] disorders</i>		<i>Neurotic, stress-related and somatoform disorders</i>		<i>Mental retardation</i>	
	number	per 100 000 population	number	per 100 000 population	number	per 100 000 population
<b>Total</b>	<b>21410</b>	<b>301.5</b>	<b>12361</b>	<b>174.1</b>	<b>28213</b>	<b>397.3</b>
Blagoevgrad	19	6.1	-	-	-	-
Bourgas	1594	386.3	3866	936.8	4877	1181.8
Varna	201	42.5	5	1.1	4	0.8
V. Tarnovo	960	396.3	353	145.7	1239	511.4
Vidin	-	-	-	-	-	-
Vratza	350	207.4	43	25.5	259	153.5
Gabrovo	711	632.9	160	142.4	-	-
Dobrich	235	131.7	43	24.1	235	131.7
Kardgali	693	459.4	862	571.5	878	582.1
Kjustendil	1321	1070.2	106	85.9	12	9.7
Lovetch	677	523.9	195	150.9	696	538.6
Montana	193	143.3	236	175.2	356	264.4
Pazardgik	341	130.7	522	200.1	103	39.5
Pernik	1019	823.3	27	21.8	996	804.7
Pleven	667	268.8	454	183.0	1692	681.9
Plovdiv	3320	494.4	1919	285.7	4980	741.5
Razgrad	986	854.4	611	529.5	1279	1108.3
Rousse	617	276.1	11	4.9	109	48.8
Silistra	26	23.2	-	-	-	-
Sliven	443	233.4	580	305.6	1937	1020.6
Smoljan	773	706.4	362	330.8	998	912.0
Sofia-capital	2898	218.9	481	36.3	2137	161.4
Sofia	671	286.5	261	111.5	716	305.7
St. Zagora	1142	355.3	510	158.7	1789	556.7
Targovishte	678	596.3	-	-	13	11.4
Haskovo	331	141.8	387	165.8	1127	482.8
Shoumen	146	83.7	2	1.1	106	60.8
Yambol	398	325.5	365	298.5	1675	1369.9

## 11. Hospitalized Patients (discharged and deceased) in Hospitals in 2016

<i>Regions</i>	<i>Number</i>	<i>Per 100 000 population</i>
<b>Total</b>	<b>2258579</b>	<b>31686.8</b>
Blagoevgrad	72996	23428.0
Bourgas	126395	30583.1
Varna	122446	25898.6
V. Tarnovo	53839	22098.5
Vidin	15045	16707.2
Vratza	56372	33088.6
Gabrovo	33181	29285.2
Dobrich	26498	14760.5
Kardgali	26898	17804.0
Kjustendil	38778	31091.3
Lovetch	30091	23083.5
Montana	44335	32616.3
Pazardgik	89031	33952.5
Pernik	16755	13445.6
Pleven	84087	33626.5
Plovdiv	355291	52837.0
Razgrad	25631	22034.7
Rousse	72657	32352.1
Silistra	24304	21583.8
Sliven	50100	26301.0
Smoljan	35452	32079.5
Sofia-capital	556359	42093.6
Sofia	77905	33062.1
St. Zagora	85966	26653.6
Targovischte	29616	25876.1
Haskovo	54477	23191.7
Shoumen	32234	18409.1
Yambol	21840	17749.2

## 12. Primari Disability of Persons in 2016

Regions	Persons under 16 years age		Persons over 16 years age	
	number	per 1 000 persons under 16 years age	number	per 1 000 persons over 16 years age
<b>Total</b>	<b>4228</b>	<b>4.0</b>	<b>56656</b>	<b>9.3</b>
Blagoevgrad	123	2.6	2001	7.6
Bourgas	270	4.0	2467	7.1
Varna	212	2.8	3410	8.6
V. Tarnovo	119	3.6	2004	9.5
Vidin	112	9.6	967	12.3
Vratza	166	6.8	2356	16.1
Gabrovo	65	4.7	1190	12.0
Dobrich	61	2.3	1051	6.9
Kardgali	70	3.1	1067	8.3
Kjustendil	64	4.0	1319	12.1
Lovetch	115	6.2	1428	12.8
Montana	87	4.5	1188	10.2
Pazardgik	155	3.7	2202	10.0
Pernik	59	3.7	905	8.3
Pleven	275	7.6	2734	12.8
Plovdiv	418	4.1	4905	8.6
Razgrad	45	2.6	914	9.2
Rousse	91	3.0	1682	8.6
Silistra	61	3.7	1329	13.8
Sliven	138	3.7	1567	10.2
Smoljan	19	1.4	904	9.3
Sofia-capital	606	3.1	8394	7.5
Sofia	173	5.1	1750	8.7
St. Zagora	216	4.3	2556	9.4
Targovischte	91	5.1	714	7.4
Haskovo	196	5.5	2975	14.9
Shoumen	76	2.8	1668	11.2
Yambol	145	7.6	1009	9.7

### 13. Beds in Hospitals on 31.XII.2016

<i>Regions</i>	<i>Number</i>	<i>Per 10 000 population</i>
<b>Total<sup>1)</sup></b>	<b>49589</b>	<b>69.8</b>
Blagoevgrad	1524	49.1
Bourgas	2286	55.4
Varna	2490	52.7
V. Tarnovo	1182	48.8
Vidin	365	41.1
Vratza	1122	66.5
Gabrovo	916	81.5
Dobrich	640	35.9
Kardgali	825	54.7
Kjustendil	1011	81.9
Lovetch	1036	80.2
Montana	984	73.1
Pazardgik	2180	83.6
Pernik	477	38.5
Pleven	1865	75.2
Plovdiv	5752	85.6
Razgrad	553	47.9
Rousse	1477	66.1
Silistra	491	43.9
Sliven	1011	53.3
Smoljan	978	89.4
Sofia-capital	9827	74.2
Sofia	1610	68.7
St. Zagora	2518	78.4
Targovischte	608	53.5
Haskovo	1023	43.8
Shoumen	708	40.6
Yambol	435	35.6

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

**14. Beds<sup>1)</sup> in Hospitals and Other Healthcare Establishments on 31.XII.2016 by Type<sup>2)</sup>**

Regions	Total	incl.:				Psychiat- tic beds
		Beds for active and intensive care	Beds for rehabili- tation	Beds for continuing care	Other beds	
Number						
<b>Total</b>	<b>48121</b>	<b>39295</b>	<b>6365</b>	<b>2461</b>	-	<b>4007</b>
Blagoevgrad	1604	1204	376	24	-	80
Bourgas	2584	1576	938	70	-	132
Varna	2490	2251	220	19	-	121
V. Tarnovo	1458	1108	251	99	-	200
Vidin	365	320	25	20	-	30
Vratza	1332	1016	138	178	-	50
Gabrovo	916	697	12	207	-	108
Dobrich	730	603	82	45	-	180
Kardgali	825	761	10	54	-	270
Kjustendil	1011	655	356	-	-	33
Lovetch	1036	774	22	240	-	407
Montana	984	789	167	28	-	43
Pazardgik	2180	1736	205	239	-	100
Pernik	477	417	50	10	-	25
Pleven	1865	1765	85	15	-	87
Plovdiv	6182	5346	782	54	-	245
Razgrad	553	446	47	60	-	40
Rousse	1733	1540	160	33	-	385
Silistra	491	441	20	30	-	15
Sliven	1021	906	82	33	-	20
Smolian	1018	540	437	41	-	40
Sofia-capital	9872	8419	1168	285	-	347
Sofia	1670	1320	271	79	-	60
St. Zagora	2693	1861	281	551	-	590
Targovischte	608	608	-	-	-	79
Haskovo	1103	949	116	38	-	80
Shoumen	885	845	39	1	-	210
Yambol	435	402	25	8	-	30

<sup>1)</sup> Beds belonging to other administrations are not included.

<sup>2)</sup> According to statistical grouping used by Eurostat.

**14. Beds<sup>1)</sup> in Hospitals and Other Healthcare Establishments on 31.XII.2016 by Type<sup>2)</sup>**

Regions	Total	incl.:				Psychiat- tic beds
		Beds for active and intensive care	Beds for rehabili- tation	Beds for continuing care	Other beds	
Per 10 000 population						
<b>Total</b>	<b>67.8</b>	<b>55.3</b>	<b>9.0</b>	<b>3.5</b>	-	<b>5.6</b>
Blagoevgrad	51.7	38.8	12.1	0.8	-	2.6
Bourgas	62.6	38.2	22.7	1.7	-	3.2
Varna	52.7	47.6	4.7	0.4	-	2.6
V. Tarnovo	60.2	45.7	10.4	4.1	-	8.3
Vidin	41.1	36.0	2.8	2.3	-	3.4
Vratza	78.9	60.2	8.2	10.5	-	3.0
Gabrovo	81.5	62.0	1.1	18.4	-	9.6
Dobrich	40.9	33.8	4.6	2.5	-	10.1
Kardgali	54.7	50.4	0.7	3.6	-	17.9
Kjustendil	81.9	53.1	28.8	-	-	2.7
Lovetch	80.2	59.9	1.7	18.6	-	31.5
Montana	73.1	58.6	12.4	2.1	-	3.2
Pazardgik	83.6	66.5	7.9	9.2	-	3.8
Pernik	38.5	33.7	4.0	0.8	-	2.0
Pleven	75.2	71.2	3.4	0.6	-	3.5
Plovdiv	92.1	79.6	11.7	0.8	-	3.6
Razgrad	47.9	38.6	4.1	5.2	-	3.5
Rousse	77.5	68.9	7.1	1.5	-	17.2
Silistra	43.9	39.4	1.8	2.7	-	1.3
Sliven	53.8	47.8	4.3	1.7	-	1.1
Smoljan	93.0	49.4	39.9	3.7	-	3.7
Sofia-capital	74.6	63.6	8.8	2.2	-	2.6
Sofia	71.3	56.3	11.6	3.4	-	2.6
St. Zagora	83.8	57.9	8.7	17.2	-	18.4
Targovischte	53.5	53.5	-	-	-	6.9
Haskovo	47.3	40.7	5.0	1.6	-	3.4
Shoumen	50.7	48.4	2.2	0.1	-	12.0
Yambol	35.6	32.9	2.0	0.7	-	2.5

<sup>1)</sup> Beds belonging to other administrations are not included.

<sup>2)</sup> According to statistical grouping used by Eurostat.

## 15. Medical Personnel in Health Facilities on 31.XII.2016

Regions	Physi-cians	Dentists	Auxiliary medical personnel	incl.:		
				Med. assist.	Midwives	Nurses
Number						
<b>Total<sup>1)</sup></b>	<b>29539</b>	<b>8011</b>	<b>46930</b>	<b>2255</b>	<b>3254</b>	<b>30976</b>
Blagoevgrad	941	313	1574	118	84	1134
Bourgas	1315	338	2365	152	121	1564
Varna	2287	616	3020	59	296	1854
V. Tarnovo	749	210	1339	104	40	936
Vidin	311	106	466	77	37	269
Vratza	644	137	1180	98	96	817
Gabrovo	443	109	826	70	35	546
Dobrich	482	145	843	49	61	537
Kardgali	413	132	868	77	79	571
Kjustendil	438	120	684	58	56	449
Lovetch	522	112	784	72	45	521
Montana	476	96	802	97	57	514
Pazardgik	911	269	1498	75	91	1048
Pernik	338	163	530	26	34	371
Pleven	1396	192	2090	90	163	1391
Plovdiv	3329	1194	4757	68	295	3137
Razgrad	303	80	561	65	34	343
Rousse	802	212	1438	119	118	890
Silistra	327	74	632	62	60	404
Sliven	617	137	1008	78	53	670
Smoljan	322	138	642	68	45	404
Sofia-capital	6663	2050	10047	111	838	6426
Sofia	896	162	1227	23	80	868
St. Zagora	1375	332	2265	96	171	1528
Targovischte	324	72	685	61	46	445
Haskovo	680	229	1229	97	99	810
Shoumen	539	141	1017	83	52	699
Yambol	354	112	687	75	31	440

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

## 15. Medical Personnel in Health Facilities on 31.XII.2016

Regions	Physi-cians	Dentists	Auxiliary medical personnel	incl.:		
				Med. assist.	Midwives	Nurses
Per 10 000 population						
<b>Total<sup>1)</sup></b>	<b>41.6</b>	<b>11.3</b>	<b>66.1</b>	<b>3.2</b>	<b>4.6</b>	<b>43.6</b>
Blagoevgrad	30.3	10.1	50.7	3.8	2.7	36.5
Bourgas	31.9	8.2	57.3	3.7	2.9	37.9
Varna	48.4	13.0	63.9	1.2	6.3	39.2
V. Tarnovo	30.9	8.7	55.3	4.3	1.7	38.6
Vidin	35.0	11.9	52.4	8.7	4.2	30.3
Vratza	38.2	8.1	69.9	5.8	5.7	48.4
Gabrovo	39.4	9.7	73.5	6.2	3.1	48.6
Dobrich	27.0	8.1	47.2	2.7	3.4	30.1
Kardgali	27.4	8.8	57.5	5.1	5.2	37.9
Kjustendil	35.5	9.7	55.4	4.7	4.5	36.4
Lovetch	40.4	8.7	60.7	5.6	3.5	40.3
Montana	35.3	7.1	59.6	7.2	4.2	38.2
Pazardgik	34.9	10.3	57.4	2.9	3.5	40.2
Pernik	27.3	13.2	42.8	2.1	2.7	30.0
Pleven	56.3	7.7	84.2	3.6	6.6	56.1
Plovdiv	49.6	17.8	70.8	1.0	4.4	46.7
Razgrad	26.3	6.9	48.6	5.6	2.9	29.7
Rousse	35.9	9.5	64.3	5.3	5.3	39.8
Silistra	29.2	6.6	56.5	5.5	5.4	36.1
Sliven	32.5	7.2	53.1	4.1	2.8	35.3
Smoljan	29.4	12.6	58.7	6.2	4.1	36.9
Sofia-capital	50.3	15.5	75.9	0.8	6.3	48.5
Sofia	38.3	6.9	52.4	1.0	3.4	37.1
St. Zagora	42.8	10.3	70.5	3.0	5.3	47.5
Targovischte	28.5	6.3	60.2	5.4	4.0	39.1
Haskovo	29.1	9.8	52.7	4.2	4.2	34.7
Shoumen	30.9	8.1	58.3	4.8	3.0	40.1
Yambol	29.0	9.2	56.2	6.1	2.5	36.0

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

## 16. Persons Served<sup>1)</sup> by the Centers for Urgent Medical Care and Urgent Wards in 2016

(number)

Regions	Total	Centers for urgent medical care		Urgent wards
		Total	incl. at calls performed	
<b>Total</b>	<b>2570362</b>	<b>1268798</b>	<b>687762</b>	<b>1259389</b>
Blagoevgrad	89599	71941	23267	17658
Bourgas	123464	76886	48643	46578
Varna	164954	65923	49587	99031
V. Tarnovo	80497	56114	19710	24383
Vidin	43084	18640	10158	24444
Vratza	58421	35436	17170	22985
Gabrovo	43422	24854	10846	18568
Dobrich	75080	32053	16536	43027
Kardgali	72911	49376	16225	23535
Kjustendil	56914	38451	21087	18463
Lovetch	52406	41299	15291	11107
Montana	48368	32299	13329	16069
Pazardgik	89681	47979	26182	41702
Pernik	65225	32586	20049	32639
Pleven	89964	52495	27102	37469
Plovdiv	260645	65454	48869	195191
Razgrad	42921	23083	10081	19838
Rousse	56919	30497	21367	26422
Silistra	44539	27931	10000	16608
Sliven	43802	25570	19478	18232
Smoljan	37354	24560	21723	12794
Sofia-capital	556533	177572	122404	336786
Sofia	39579	-	-	39579
St. Zagora	89822	57206	28022	32616
Targovischte	29035	14903	6409	14132
Haskovo	104235	78723	28661	25512
Shoumen	63406	34088	15097	29318
Yambol	47582	32879	20469	14703

<sup>1)</sup> excl. ambulance transportation.

## 17. Childbirth care at inpatient healthcare facilities during 2016

Regions	Women in childbirth served	Newborns live births			
		number	per 100 live births	incl. premature	
				number	per 100 deaths
<b>Total</b>	<b>60995</b>	<b>200</b>	<b>0.3</b>	<b>158</b>	<b>79.0</b>
Blagoevgrad	2265	2	0.1	2	100.0
Bourgas	3384	11	0.3	9	81.8
Varna	4666	12	0.3	11	91.7
V. Tarnovo	1434	3	0.2	2	66.7
Vidin	418	1	0.2	1	100.0
Vratza	1029	1	0.1	1	100.0
Gabrovo	601	-	-	-	-
Dobrich	1189	3	0.2	3	100.0
Kardgali	1010	3	0.3	1	33.3
Kjustendil	762	2	0.3	2	100.0
Lovetch	810	-	-	-	-
Montana	1082	4	0.4	2	50.0
Pazardgik	2064	20	1.0	20	100.0
Pernik	553	2	0.4	1	50.0
Pleven	2530	13	0.5	9	69.2
Plovdiv	6928	34	0.5	29	85.3
Razgrad	504	-	-	-	-
Rousse	1738	7	0.4	6	85.7
Silistra	1164	2	0.2	1	50.0
Sliven	2895	9	0.3	3	33.3
Smoljan	621	2	0.3	2	100.0
Sofia-capital	14507	26	0.2	19	73.1
Sofia	1606	2	0.1	-	-
St. Zagora	3042	15	0.5	13	86.7
Targovischte	882	1	0.1	-	-
Haskovo	1592	15	0.9	15	100.0
Shoumen	1219	7	0.6	4	57.1
Yambol	500	3	0.6	2	66.7

## 18. Surgical Patients, Discharged from Hospitals in 2016

<b>Regions</b>	<i>Discharged surgical patients</i>	<i>Surgical patients with complications (percentage)</i>	<i>Lethality (percentage)</i>
<b>Total</b>	<b>606243</b>	<b>0.4</b>	<b>0.7</b>
Blagoevgrad	16462	0.2	0.4
Bourgas	27174	0.2	0.4
Varna	35641	1.5	0.9
V. Tarnovo	9160	0.3	0.9
Vidin	2235	1.3	1.3
Vratza	10829	0.3	0.4
Gabrovo	8077	0.8	1.0
Dobrich	4871	0.2	0.8
Kardgali	6725	0.3	0.3
Kjustendil	5817	0.3	0.8
Lovetch	6416	0.3	0.6
Montana	8423	0.5	0.7
Pazardgik	22668	0.2	0.8
Pernik	3318	0.1	1.1
Pleven	23762	0.2	0.7
Plovdiv	101282	0.5	0.4
Razgrad	4860	0.1	0.6
Rousse	22577	1.6	0.8
Silistra	6372	0.3	0.8
Sliven	12397	0.1	0.7
Smoljan	5423	0.4	0.4
Sofia-capital	183991	0.2	0.7
Sofia	22283	0.9	1.6
St. Zagora	22566	0.3	0.9
Targovischte	8018	0.2	0.2
Haskovo	11655	0.1	0.3
Shoumen	8017	0.4	0.4
Yambol	5224	0.6	0.4

## 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	12.1	12.3	-0.2	Poland	1980	19.6	9.8	9.7
	1990	11.8	10.8	1.0		1990	14.4	10.2	4.2
	2000	9.8	9.6	0.2		2000	9.9	9.6	0.3
	2010	9.4	9.2	0.2		2010	10.9	9.9	0.9
	2012	9.4	9.4	-0.1		2012	10.2	10.1	0.0
	2013	9.4	9.4	0.0		2013	9.7	10.2	-0.5
	2014	9.6	9.2	0.4		2014	9.9	9.9	0.0
Bulgaria	1980	14.5	11.1	3.4	Germany	1980	...	...	...
	1990	11.7	12.1	-0.4		1990	11.4	11.6	-0.2
	2000	9.0	14.1	-5.1		2000	9.3	10.2	-0.9
	2010	10.0	14.6	-4.6		2010	8.3	10.5	-2.2
	2012	9.5	15.0	-5.5		2012	8.2	10.6	-2.4
	2013	9.2	14.4	-5.2		2013	8.5	11.1	-2.6
	2014	9.4	...	...		2014	8.8	10.7	-1.9
United Kingdom	1980	13.4	11.7	1.6	Switzer-land	1980	11.7	9.4	2.3
	1990	14.0	11.2	2.7		1990	12.5	9.5	3.0
	2000	11.5	10.3	1.2		2000	10.9	8.7	2.2
	2010	13.0	9.0	4.0		2010	10.3	8.0	2.3
	2012	12.8	8.9	3.8		2012	10.3	8.0	2.3
	2013	12.2	9.0	3.2		2013	10.2	8.0	2.2
	2014	12.1	...	...		2014	10.4	...	...
Nether-lands	1980	12.8	8.1	4.7	Roumania	1980	18.0	10.4	7.5
	1990	13.2	8.6	4.6		1990	13.6	10.7	2.9
	2000	13.0	8.8	4.2		2000	10.5	11.4	-1.0
	2010	11.1	8.2	2.9		2010	9.9	12.1	-2.2
	2012	10.5	8.4	2.1		2012	9.4	12.0	-2.6
	2013	10.2	8.4	1.8		2013	9.3	11.2	-1.9
	2014	10.4	...	...		2014	8.8	11.4	-2.7
Norway	1980	12.5	10.1	2.4	European union	1980	14.0	10.6	3.4
	1990	14.4	10.9	3.5		1990	12.4	10.4	2.0
	2000	13.3	9.8	3.4		2000	10.6	10.0	0.5
	2010	12.6	8.5	4.1		2010	10.7	9.7	1.0
	2012	12.0	8.3	3.7		2012	10.3	9.9	0.4
	2013	11.6	8.1	3.5		2013	10.0	9.9	0.1
	2014	11.5	7.8	3.7		2014	10.0	9.8	0.2

## 2. Infant Mortality Rate

(per 1000 live births)

<b>Countries</b>	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2010</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Austria	14.3	7.8	4.8	3.9	3.2	3.1	3.0
Belgium	12.1	8.0	4.9	3.6	3.8	3.5	...
<b>Bulgaria</b>	<b>20.2</b>	<b>14.8</b>	<b>13.3</b>	<b>9.4</b>	<b>7.8</b>	<b>7.3</b>	...
Croatia	12.1	7.9	5.6	4.3	4.1	3.9	...
Cyprus	...	7.0	4.4	3.4	3.3	3.3	3.2
Czech Republic	17.9	9.7	5.4	3.8	2.9	...	...
Denmark	8.4	7.3	4.9	3.4	3.5	...	...
Estonia	...	12.3	8.4	3.3	3.6	2.1	2.4
Finland	11.1	8.2	6.2	3.8	3.3	3.5	...
France	12.4	7.6	4.4	3.2	3.1	2.7	2.9
Germany	14.2	8.0	4.5	3.4	3.2	...	...
Greece	...	11.0	5.6	2.9	3.5	1.6	...
Hungary	15.3	13.7	10.3	5.6	6.3	4.4	3.8
Ireland	...	10.2	8.6	5.0	3.9	3.7	3.9
Italy	10.6	7.1	2.5	2.7	1.3	2.3	2.0
Latvia	15.5	9.5	6.0	5.6	5.6	6.7	5.0
Lithuania	8.1	7.0	3.8	2.6	2.5	2.4	2.4
Luxembourg	21.2	15.9	8.1	5.0	4.6	4.6	4.2
Malta	24.3	11.0	5.5	2.5	3.4	3.0	2.9
Netherlands	29.3	26.9	18.6	9.8	9.0	8.1	8.3
Norway	...	12.0	8.6	5.7	5.8	5.5	5.8
Poland	...	8.4	4.9	2.5	...	...	...
Portugal	23.2	14.8	9.2	5.3	4.8	5.1	4.6
Romania	7.6	5.6	3.6	2.3	2.4	1.7	2.2
Slovakia	10.0	7.3	4.4	3.5	3.3	3.4	...
Slovenia	8.6	7.1	5.1	3.8	3.7	3.8	...
Spain	...	10.7	7.4	4.4	3.6	4.1	5.0
Sweden	16.9	10.8	4.1	2.7	2.6	2.5	2.4
Switzerland	9.1	6.8	4.9	3.8	3.6	3.9	...
United Kingdom	6.9	6.0	3.4	2.5	2.6	2.7	2.2
European Union	14.9	9.9	5.9	4.0	3.8	3.7	3.7

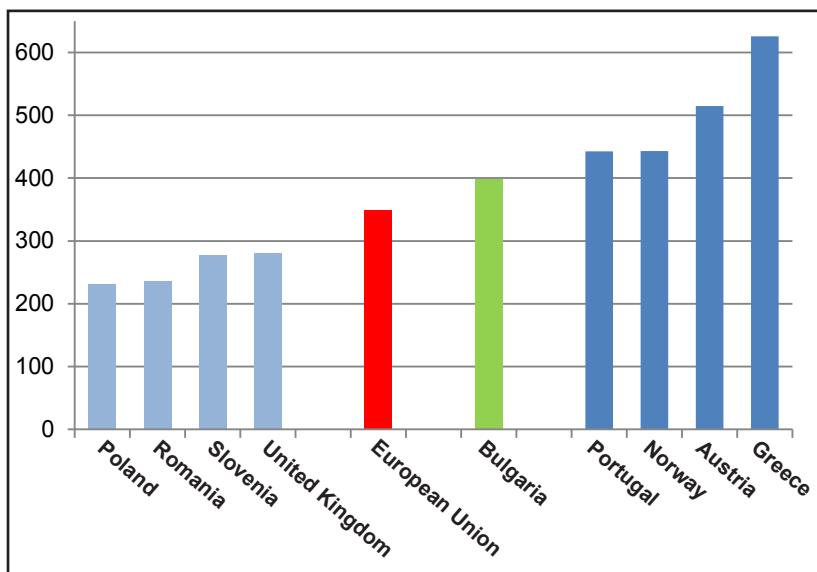
### 3. Medical Personnel and Hospital Beds

(per 100 000 population)

Countries	Year	Physicians	Year	Dentists	Year	Beds
Austria	2015	515	2015	57	2014	759
Belgium	2014	297	2014	72	2015	619
<b>Bulgaria</b>	<b>2014</b>	<b>399</b>	<b>2014</b>	<b>98</b>	<b>2014</b>	<b>713</b>
Croatia	2015	281	2015	54	2014	274
Cyprus	2014	411	2014	85	2014	823
Czech Republic	2014	625	2014	125	2014	420
Denmark	2013	366	2013	77	2015	253
Estonia	2014	332	2014	92	2014	501
Finland	2015	282	2015	61	2014	260
France	2014	380	2014	72	2014	297
Germany	2014	388	2014	64	2013	331
Greece	2014	338	2014	98	2014	341
Hungary	2014	322	2014	70	2014	566
Ireland	2014	431	2014	91	2014	722
Italy	2015	292	2015	89	2015	484
Latvia	2015	391	2015	49	2015	488
Lithuania	2014	443	2014	87	2014	384
Luxembourg	2014	231	2014	34	2014	663
Malta	2014	443	2014	88	2014	332
Netherlands	2013	236	2013	64	2013	596
Norway	-	-	-	-	2014	579
Poland	2014	277	2014	66	2014	454
Portugal	2014	332	2014	63	2014	698
Romania	2013	302	2012	78	2014	453
Slovakia	2015	323	2015	66	2014	641
Slovenia	2014	335	2014	52	-	-
Spain	2014	314	2014	79	2014	591
Sweden	2013	369	2014	75	2014	646
Switzerland	2014	411	2014	51	2014	457
United Kingdom	2013	412	2013	81	2014	254
European Union	2014	350	2014	68	2014	522

### Number of Physicians

(per 100 000 population)



### Number of Hospital Beds

(per 100 000 population)

