

HEALTH CARE OF  
THE SLOVAK REPUBLIC  
IN FIGURES  
2014



NATIONAL  
HEALTH  
INFORMATION  
CENTER

The publication contains basic health statistics indicators collected and processed by National Health Information Center in the area of Health Status of Population, Network and Activity of Health Establishments, the structure of Health Care Workforce, Pharmaceutical Consumption and Medical Aids Issued in the Slovak Republic in the period of 2012 – 2014.

The other source of data:

Statistical Office of the Slovak Republic – demographic indicators (excluded abortions),  
Regional Public Health Authority in Banská Bystrica – notified infectious diseases,  
National Institute for Tuberculosis, Lung Diseases and Thoracic Surgery in Vyšné Hágy –  
notified cases of tuberculosis.

Indicator	2012	2013	2014
Number of population as of December 31 (a)	5 411	5 416	5 421
Males	2 636	2 639	2 642
Females	2 775	2 777	2 779
Number of population in productive age (15 – 64) (a)	3 870	3 853	3 834
Males	1 941	1 934	1 926
Females	1 929	1 919	1 908
Age structure of population in %			
0 – 14	15,4	15,3	15,3
15 – 64	71,5	71,1	70,7
65+	13,1	13,5	14,0
Life expectancy at birth (years)			
Males	72,5	72,9	73,2
Females	79,5	79,6	80,0
Live births (b)	10,3	10,1	10,2
Deaths (b)	9,7	9,6	9,5
Natural increase (b)	0,6	0,5	0,7
Net migration (b)	0,6	0,4	0,3
Total increase (b)	1,2	0,9	1,0
Infant mortality (c)	5,8	5,5	5,8
Neonatal mortality (c)	3,3	3,2	3,3
Most frequent causes of death (d)			
Diseases of the circulatory system	513,6	483,8	465,5
Neoplasms	225,6	246,7	248,8
Diseases of the respiratory system	62,1	64,0	60,6
External causes of morbidity and mortality	50,4	52,2	51,3
Diseases of the digestive system	52,6	47,9	48,7
Abortions (e, f)	16 392	16 362	15 628
of which			
induced abortion	8 443	7 999	7 501
spontaneous	5 172	5 248	5 042

Indicator	2013		2014	
	Monitored	Newly registered	Monitored	Newly registered
<b>Selected infectious diseases (g)</b>				
Other salmonella infections (A02)	.	4 033	.	4 379
Tuberculosis (A15 – A19)	.	401	.	336
Hepatitis A (B15)	.	204	.	735
Hepatitis B (B16)	.	74	.	85
Hepatitis C (B17.1)	.	14	.	36
HIV (Z21)	.	83	.	86
Syphilis (A50 – A53)	.	252	.	362
<b>Malignant neoplasms (C00 – D09) (g)</b>	.	<sup>1)</sup> 30 144	.	<sup>2)</sup> 31 706
Malignant neoplasm of bronchus and lung (C34)	.	<sup>1)</sup> 2 518	.	<sup>2)</sup> 2 618
Malignant neoplasm of colorectum (C18 – C20)	.	<sup>1)</sup> 3 768	.	<sup>2)</sup> 3 846
Malignant neoplasm of breast (C50) (h)	.	<sup>1)</sup> 2 639	.	<sup>2)</sup> 2 793
Malignant neoplasm of skin (C43 – C44)	.	<sup>1)</sup> 5 818	.	<sup>2)</sup> 6 165
<b>Diabetes mellitus (E10 – E14, O24) (i)</b>	340 445	22 557	339 419	23 613
of which diabetics				
with diabetic nephropathy	43 826	4 687	43 543	4 572
with diabetic neuropathy	85 151	7 627	86 116	7 199
with diabetic foot lesions	8 225	1 253	8 354	1 441
with lower limb amputation	4 092	467	3 997	507
<b>Mental and behavioural disorders (F00 – F99) (examined persons) (i)</b>	373 220	59 094	382 665	64 365
Mental and behavioural disorders due to use of alcohol (F10)	29 788	7 199	31 376	7 798
Schizophrenia, schizotypal and delusional disorders (F20 – F29)	59 399	4 248	58 526	4 641

<sup>1)</sup> year 2008, <sup>2)</sup> year 2009

Indicator per 100 000 population	2013		2014	
	Monitored	Newly registered	Monitored	Newly registered
<b>Selected infectious diseases (g)</b>				
Other salmonella infections (A02)	.	74,5	.	80,9
Tuberculosis (A15 – A19)	.	7,4	.	6,2
Hepatitis A (B15)	.	3,8	.	13,6
Hepatitis B (B16)	.	1,4	.	1,8
Hepatitis C (B17.1)	.	0,3	.	0,7
HIV (Z21)	.	1,6	.	1,6
Syphilis (A50 – A53)	.	4,7	.	6,7
<b>Malignant neoplasms (C00 – D09) (g)</b>	.	<sup>1)</sup> 557,5	.	<sup>2)</sup> 585,2
Malignant neoplasm of bronchus and lung (C34)	.	<sup>1)</sup> 46,5	.	<sup>2)</sup> 48,3
Malignant neoplasm of colorectum (C18 – C20)	.	<sup>1)</sup> 69,7	.	<sup>2)</sup> 71,0
Malignant neoplasm of breast (C50) (h)	.	<sup>1)</sup> 94,9	.	<sup>2)</sup> 100,3
Malignant neoplasm of skin (C43 – C44)	.	<sup>1)</sup> 107,6	.	<sup>2)</sup> 113,8
<b>Diabetes mellitus (E10 – E14, O24) (i)</b>	6 286,0	416,5	6 260,1	435,5
of which diabetics				
with diabetic nephropathy	809,2	86,5	803,1	84,3
with diabetic neuropathy	1 572,2	140,8	1 588,3	132,8
with diabetic foot lesions	151,9	23,1	154,1	26,6
with lower limb amputation	75,6	8,6	73,7	9,4
<b>Mental and behavioural disorders (F00 – F99) (examined persons) (i)</b>	6 891,1	1 091,1	7 057,7	1 187,1
Mental and behavioural disorders due to use of alcohol (F10)	550,0	132,9	578,7	143,8
Schizophrenia, schizotypal and delusional disorders (F20 – F29)	1 096,7	78,4	1 079,4	85,6

<sup>1)</sup> year 2008, <sup>2)</sup> year 2009

Indicator	2013		2014	
	Monitored	Newly registered	Monitored	Newly registered
<b>Diseases of the nervous system (G00 – G99) (i)</b>				
Alzheimer's disease (G30)	8 661	2 396	9 793	2 390
Sclerosis multiplex (G35)	19 673	1 608	18 286	1 855
<b>Diseases of the eye and adnexa (H00 – H59) (i)</b>				
Glaucoma (H40 – H42)	195 957	26 194	210 685	26 745
Blindness (H54.0)	3 021	276	2 066	179
<b>Diseases of the circulatory system (I00 – I99) (i)</b>				
Hypertensive diseases (I10 – I15)	169 727	28 322	173 875	27 887
Ischaemic heart diseases (I20 – I25)	181 818	23 011	139 789	21 474
Cardiomyopathy (I42 – I43)	12 317	2 100	13 424	2 193
Cardiac arrhythmias (I44 – I45, I47 – I49)	114 589	20 192	113 576	20 821
Heart failure (I50)	25 432	4 793	25 798	5 028
<b>Diseases of the respiratory system (J00 – J99) (i)</b>				
Chronic lower respiratory diseases (J40 – J44, J47)	116 484	23 987	112 981	23 260
Asthma (J45, J46)	105 155	15 406	101 378	15 596
<b>Skin diseases (examined persons) (i)</b>	.	1 017 821	.	1 040 009
Psoriasis (L40)	.	61 832	.	63 413
Dermatitis and eczema (L20 – L30)	.	342 497	.	345 494
<b>Urinary system diseases (N00 – N99) (i)</b>	182 990	.	180 518	.
Patients in regular dialysis treatment	4 228	.	4 302	.
Number of persons treated by home care agencies	.	49 583	.	48 770
Number of registered blood donors	358 937	32 482	383 969	29 774

Indicator per 100 000 population	2013		2014	
	Monitored	Newly registered	Monitored	Newly registered
<b>Diseases of the nervous system (G00 – G99) (i)</b>				
Alzheimer's disease (G30)	159,9	44,2	180,6	44,1
Sclerosis multiplex (G35)	363,2	29,7	337,3	34,2
<b>Diseases of the eye and adnexa (H00 – H59) (i)</b>				
Glaucoma (H40 – H42)	3 618,1	483,6	3 885,8	493,3
Blindness (H54.0)	55,8	5,1	38,1	3,3
<b>Diseases of the circulatory system (I00 – I99) (i)</b>				
Hypertensive diseases (I10 – I15)	3 133,8	522,9	3 206,9	514,3
Ischaemic heart diseases (I20 – I25)	3 357,1	424,9	2 578,2	396,1
Cardiomyopathy (I42 – I43)	227,4	38,8	247,6	40,4
Cardias arrhythmias (I44 – I45, I47 – I49)	2 115,8	372,8	2 094,7	384,0
Hearth failure (I50)	469,6	88,5	475,8	92,7
<b>Diseases of the respiratory system (J00 – J99) (i)</b>				
Chronic lower respiratory diseases (J40 – J44, J47)	2 150,8	442,9	2 083,8	429,0
Asthma (J45, J46)	1 941,6	284,5	1 869,8	287,6
<b>Skin diseases (examined persons) (i)</b>	.	18 793,0	.	19 181,5
Psoriasis (L40)	.	1 141,7	.	1 169,6
Dermatitis and eczema (L20 – L30)	.	6 323,9	.	6 372,1
<b>Urinary system diseases (N00 – N99) (i)</b>	3 378,7	.	3 329,4	.
Patients in regular dialysis treatment	78,1	.	79,3	.
Number of persons treated by home care agencies	.	915,5	.	899,5
Number of registered blood donors	6 627,4	599,7	7 081,8	549,1

Indicator	2012	2013	2014
<b>Number of reported cases (f)</b>			
Treated drug users	2 193	2 484	2 483
Suicides	571	628	567
Suicide attempts	1 018	972	822
Occupational diseases or occupational disease threats	344	301	373
<b>per 100 000 population</b>			
Treated drug users	40,5	45,9	45,9
Suicides	10,6	11,6	10,5
Suicide attempts	18,8	18,0	15,2
Occupational diseases or occupational disease threats	6,4	5,6	6,9
Percentage of fully breastfed infants at the end of sixth month of their lives out of all six-month-old registered children	52,6	53,6	53,4
Index of oral health among 12-year old children (j)	1,8	2,0	1,9
Females in aged 15 to 49 years using contraception	22,4	20,3	20,2
Number of abortions per 100 births	29,4	29,8	28,3
Number of legally induced abortions per 100 abortions	51,5	48,9	49,2
Number of outpatient visits per 1 inhabitant (k)	12,3	12,2	12,4



Indicator	2012	2013	2014
<b>Number of health care facilities</b>	13 394	13 022	13 040
Outpatient health care	10 354	10 152	10 141
of which			
general outpatient care units	2 989	2 907	2 863
specialised outpatient care units	6 265	6 167	6 157
emergency outpatient units	27	26	19
health care centres	68	69	71
nursing care services	174	171	179
outpatient medical first aid service units	117	83	80
Institutional health care	182	181	174
of which			
general hospitals	74	74	73
specialised hospitals	43	43	44
sanatoriums	20	19	17
hospice, nursing care facilities	15	15	12
natural healing spas	21	22	21
curative spas	8	7	6
Pharmaceutical care	1 730	1 634	1 749
pharmacies	1 561	1 487	1 597
retail sale of medical aids	169	147	152
Hematology and Transfusiology Facilities	14	13	12
Others (I)	1 114	1 042	964
<b>General outpatient health care, number of outpatient units</b>			
General medicine for adults	2 152	2 088	2 048
General care for children and adolescents	1 135	1 110	1 093
Emergency department (outpatient unit) for adults	127	128	122
Emergency department (outpatient unit) for children and adolescents	75	76	69
Stomatology	2 392	2 348	2 307

Indicator	2012	2013	2014
<b>Work positions of independent health care professionals (m)</b>	24 396,18	24 049,08	24 388,92
Outpatient health care	11 668,28	11 257,47	11 143,50
of which			
general outpatient care units	2 877,96	2 733,83	2 701,85
specialised outpatient care units	6 492,39	6 137,26	6 130,87
emergency outpatient units	295,48	301,59	271,15
health care centres	619,28	649,27	647,96
nursing care services	1,25	1,05	2,00
outpatient medical first aid service units	252,79	254,89	219,34
Institutional health care including out-patient units	9 432,24	9 662,75	9 869,66
of which			
general hospitals	7 928,44	8 152,51	8 299,02
specialised hospitals	1 264,03	1 259,45	1 324,91
sanatoriums	91,61	110,01	98,85
hospice, nursing care facilities	25,44	19,42	19,44
natural healing spas, curative spas	122,07	121,36	126,66
Pharmaceutical care	3 158,98	3 026,10	3 281,70
pharmacies	3 145,98	3 014,10	3 274,70
retail sale of medical aids	13,00	12,00	7,00
Hematology and Transfusiology Facilities	126,25	88,56	85,39
Others (l)	10,43	14,20	8,67
<b>General outpatient health care, physician posts (n)</b>			
General medicine for adults	1 981,13	1 905,82	1 852,87
General care for children and adolescents	1 050,13	991,66	1 002,60
Emergency department (outpatient unit) for adults	227,44	199,09	172,51
Emergency department (outpatient unit) for children and adolescents	123,23	118,71	111,80
Stomatology	2 516,38	2 335,99	2 360,47

Indicator	2012	2013	2014
<b>Selected data on bed health care facilities (o)</b>			
Number of specialised units in bed health care facilities	1 260	1 238	1 219
Number of beds	32 237	31 728	31 619
of which for children	4 638	4 495	4 424
Number of beds per 1 000 population	6,0	5,9	5,8
Bed occupancy			
in days	247,0	247,7	245,4
in percentage	70,0	70,2	69,7
Number of hospitalised	1 007 182	986 497	988 691
Number of treatment days	7 970 198	7 833 213	7 758 412
Average length of stay in days	7,9	7,9	7,8
Number of physician posts	6 084,98	6 173,51	6 268,16
Number of beds per 1 physician post	5,3	5,1	5,0
Number of physician posts of nurses total	16 958,61	16 903,97	16 801,68
of which at the bedside	15 099,21	15 044,74	14 911,22
Number of beds in hospital healthcare (p)	31 963	31 416	31 348
in acute hospital care	23 647	22 944	22 959
in long-term hospital care	3 272	3 269	3 158
in psychiatric hospital care	4 199	4 417	4 431
in another type of hospital care	845	786	800
Number of beds in nursing home facilities	262	304	263
Number of beds in natural healing health resorts (spa) and curative health resorts (spa)	<sup>1)</sup> 10 792	<sup>1)</sup> 10 517	10 733
Number of Slovak patients treated in balneological care	108 585	114 001	112 331
Number of daily places in outpatient and institutional health care	4 228	4 483	5 316
of which in day care units	1 772	2 046	2 705
Number of operated in day care units	159 295	166 804	204 540

<sup>1)</sup> adjusted data

Registration number of workforce in health care – natural persons	2012	2013	2014
Workforce total	105 397	104 312	105 382
Health workforce total	79 234	78 683	79 729
of which			
physicians	18 193	18 355	18 574
dentists	2 665	2 586	2 642
pharmacists	3 522	3 333	3 644
nurses	31 478	31 128	31 166
midwives	1 765	1 775	1 795
medical laboratory assistants	3 190	3 063	3 175
pharmaceutical laboratory assistants	2 271	2 065	2 161
physiotherapists	1 709	1 726	1 818
emergency medical rescuers	1 755	1 779	1 773
medical assistants	1 735	1 969	2 213
radiologist technicians	1 315	1 314	1 291
hospital attendants	5 437	5 334	5 250
other health care workforce (r)	1 432	1 475	1 526
Non-health workforce total	24 731	24 222	24 241
technical and economic workforce	9 174	9 216	8 914
labour and operating workforce	15 037	14 464	14 769
educational workforce	360	367	381
science, research and development workforce	160	175	177
Government member and political representative	1	1	1
State employees	1 431	1 406	1 411
<b>Structure of workforce according to founder</b>			
in the founding competence of the Ministry of the Health of the SR	40 584	41 100	41 281
in the founding competence of other resorts	1 830	1 775	1 805
in the founding competence of Higher Territorial Unit	16 020	14 779	11 876
in the founding competence of other founders	46 963	46 658	50 420

Indicator	2012	2013	2014
<b>Consumption of drugs</b>			
Prescribed (covered by public health insurance) (s)			
Number of packaging in pieces (thousands)	108 845	109 781	110 327
Reimbursed by health insurance company (thousands €)			
	1 004 191	1 009 100	1 052 239
Patient compensation (thousands €)			
	149 671	148 788	140 196
Sold without a prescription in public pharmacies			
Number of packaging in pieces (thousands)	34 934	37 847	35 613
Payments from citizens (thousands €)			
	124 625	146 708	147 398
<b>Consumption of medical aids</b>			
Prescribed (covered by public health insurance)			
Number of packaging in pieces (thousands)	100 260	106 895	114 792
Reimbursed by health insurance company (thousands €)			
	146 396	156 530	176 382
Patient compensation (thousands €)			
	2 897	5 211	6 026
Sold without a prescription in public pharmacies			
Number of packaging in pieces (thousands)	16 087	16 280	18 587
Payments from citizens (thousands €)			
	15 563	14 639	17 250

## Explanatory notes

- (a) number of population in thousands
  - (b) per 1 000 population
  - (c) per 1 000 live births
  - (d) per 100 000 population
  - (e) spontaneous, legally induced abortion, other abortions, extrauterine pregnancies
  - (f) source: Health Status Reports
  - (g) source: Health Registry
  - (h) females
  - (i) source: annual report on activity of the specialised out-patient care unit
  - (j) 12-year old children who were in systematical dental outpatient care units in the given year
  - (k) including home visiting service
  - (l) optical studio, dental laboratory, medical transport service, health care provider facility with a licence to perform independent health care practice
  - (m) registration number of workers in both regular and outside employment together recalculated on full-time employments in the following occupations: physician, dentist, pharmacist, other health workers – logopedist, psychologist, laboratory diagnostician, curative pedagogue, physicist
  - (n) registration number of physician and dentist in both regular and outside employment together recalculated on full-time employments
  - (o) excluding natural healing spa and curative spa
  - (p) classification by OECD methodology source: (<http://stats.oecd.org/>)
  - (r) logopedist, psychologist, laboratory diagnostician, curative pedagogue, physicist
  - (s) including drugs with method of payment “A”
  - . data is not available
  - ✎ cut in comparability of time series due to methodology or other reasons
- of which means to incomplete selection of items