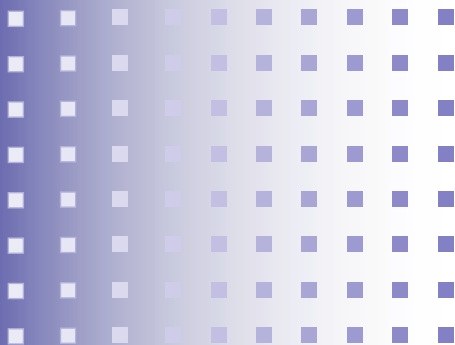


HEALTH CARE OF THE SLOVAK REPUBLIC IN FIGURES 2013



The publication provides the overview and development of the basic demographic data and health statistics – health status of a population, network and workforce of health facilities, consumption of drugs and medical aids in the Slovak republic over the period 2011 – 2013.

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Indicator	2011	2012	2013
Number of population as of December 31 (a)	5 404	5 411	5 416
Males	2 632	2 636	2 639
Females	2 773	2 775	2 777
Number of population in productive age (15 – 64) (a)	3 881	3 870	3 853
Males	1 945	1 941	1 934
Females	1 937	1 929	1 919
Age structure of population in %			
0 – 14	15,4	15,4	15,3
15 – 64	71,8	71,5	71,1
65+	12,8	13,1	13,5
Life expectancy at birth (years)			
Males	72,2	72,5	72,9
Females	79,4	79,5	79,6
Live born (b)	11,3	10,3	10,1
Deaths (b)	9,6	9,7	9,6
Natural increase (b)	1,7	0,6	0,5
Net migration (b)	0,5	0,6	0,4
Total increase (b)	2,2	1,2	0,9
Infant mortality (c)	4,9	5,8	5,5
Neonatal mortality (c)	2,9	3,3	3,2
Most frequent causes of death (d)			
Diseases of the circulatory system	505,8	513,6	483,8
Neoplasms	223,6	225,6	246,7
Diseases of the respiratory system	60,6	62,1	64,0
External causes of morbidity and mortality	52,3	50,4	52,2
Diseases of the digestive system	53,2	52,6	47,9
Abortions (e, f)	16 885	16 392	16 362
of which			
induced abortion	8 823	8 443	7 999
spontaneous	5 089	5 172	5 248

Indicator	2012		2013	
	Monitored	Newly registered	Monitored	Newly registered
Selected infectious diseases (g)				
Other salmonella infections (A02)	.	4 973	.	4 033
Tuberculosis (A15 – A19)	.	345	.	401
Hepatitis A (B15)	.	125	.	204
Hepatitis B (B16)	.	73	.	74
Hepatitis C (B17.1)	.	21	.	14
HIV (Z21)	.	50	.	83
Syphilis (A50 – A53) (f)	.	302	.	252
Malignant neoplasms (C00 – D09) (g)	.	¹⁾ 28 131	.	²⁾ 30 144
Malignant neoplasm of bronchus and lung (C34)	.	¹⁾ 2 385	.	²⁾ 2 518
Malignant neoplasm of colorectum (C18 – C20)	.	¹⁾ 3 325	.	²⁾ 3 768
Malignant neoplasm of breast (C50) (h)	.	¹⁾ 2 423	.	²⁾ 2 639
Malignant neoplasm of skin (C43 – C44)	.	¹⁾ 5 679	.	²⁾ 5 818
Diabetes mellitus (E10 – E14, O24) (s)	342 124	25 160	340 445	22 557
of which diabetics				
with diabetic nephropathy	43 258	4 391	43 826	4 687
with diabetic neuropathy	88 575	7 518	85 151	7 627
with diabetic foot lesions	7 990	1 411	8 225	1 253
with lower limb amputation	4 065	475	4 092	467
Mental and behavioural disorders (F00 – F99) (examined persons) (s)	398 759	64 816	373 220	59 094
Mental and behavioural disorders due to use of alcohol (F10)	34 335	8 886	29 788	7 199
Schizophrenia, schizotypal and delusional disorders (F20 – F29)	65 380	6 788	59 399	4 248

¹⁾ year 2007, ²⁾ year 2008

Indicator per 100 000 population	2012		2013	
	Monitored	Newly registered	Monitored	Newly registered
Selected infectious diseases (g)				
Other salmonella infections (A02)	.	92,0	.	74,5
Tuberculosis (A15 – A19)	.	6,4	.	7,4
Hepatitis A (B15)	.	2,3	.	3,8
Hepatitis B (B16)	.	1,4	.	1,4
Hepatitis C (B17.1)	.	0,4	.	0,3
HIV (Z21)	.	0,9	.	1,6
Syphilis (A50 – A53) (f)	.	5,6	.	4,7
Malignant neoplasms (C00 – D09) (g)	.	¹⁾ 521,2	.	²⁾ 557,5
Malignant neoplasm of bronchus and lung (C34)	.	¹⁾ 44,2	.	²⁾ 46,5
Malignant neoplasm of colorectum (C18 – C20)	.	¹⁾ 61,6	.	²⁾ 69,7
Malignant neoplasm of breast (C50) (h)	.	¹⁾ 87,3	.	²⁾ 94,9
Malignant neoplasm of skin (C43 – C44)	.	¹⁾ 105,2	.	²⁾ 107,6
Diabetes mellitus (E10 – E14, O24) (s)	6 322,9	465,0	6 286,0	416,5
of which diabetics				
with diabetic nephropathy	799,5	81,2	809,2	86,5
with diabetic neuropathy	1 637,0	138,9	1 572,2	140,8
with diabetic foot lesions	147,7	26,1	151,9	23,1
with lower limb amputation	75,1	8,8	75,6	8,6
Mental and behavioural disorders (F00 – F99) (examined persons) (s)	7 369,6	1 197,9	6 891,1	1 091,1
Mental and behavioural disorders due to use of alcohol (F10)	634,6	164,2	550,0	132,9
Schizophrenia, schizotypal and delusional disorders (F20 – F29)	1 208,3	125,5	1 096,7	78,4

¹⁾ year 2007, ²⁾ year 2008

Indicator	2012		2013	
	Monitored	Newly registered	Monitored	Newly registered
Diseases of the nervous system (G00 – G99) (s)				
Alzheimer's disease (G30)	10 184	1 677	8 661	2 396
Sclerosis multiplex (G35)	20 268	1 644	19 673	1 608
Diseases of the eye and adnexa (H00 – H59) (s)				
Glaucoma (H40 – H42)	177 640	25 963	195 957	26 194
Blindness (H54.0)	2 515	311	3 021	276
Diseases of the circulatory system (I00 – I99) (s)				
Hypertensive diseases (I10 – I15)	156 655	29 292	169 727	28 322
Ischaemic heart diseases (I20 – I25)	131 072	17 670	181 818	23 011
Cardiomyopathy (I42 – I43)	10 177	2 061	12 317	2 100
Cardias arrhythmias (I44 – I45, I47 – I49)	99 270	18 729	114 589	20 192
Hearth failure (I50)	20 955	4 494	25 432	4 793
Diseases of the respiratory system (J00 – J99) (s)				
Chronic lower respiratory diseases (J40 – J44, J47)	113 978	22 450	116 484	23 987
Asthma (J45, J46)	101 709	17 761	105 155	15 406
Skin diseases (L00 – L99) (examined persons) (s)	.	992 935	.	1 017 821
Psoriasis (L40)	.	62 526	.	61 832
Dermatitis and eczema (L20 – L30)	.	322 659	.	342 497
Urinary system diseases (N00 – N99) (s)	177 368	.	182 990	.
Patients in regular dialysis treatment	4 254	.	4 228	.
Number of persons treated by home care agencies	.	45 462	.	49 583
Number of registered blood donors	340 586	29 472	358 937	32 482

Indicator per 100 000 population	2012		2013	
	Monitored	Newly registered	Monitored	Newly registered
Diseases of the nervous system (G00 – G99) (s)				
Alzheimer's disease (G30)	188,2	31,0	159,9	44,2
Sclerosis multiplex (G35)	374,6	30,4	363,2	29,7
Diseases of the eye and adnexa (H00 – H59) (s)				
Glaucoma (H40 – H42)	3 283,0	479,8	3 618,1	483,6
Blindness (H54.0)	46,5	5,7	55,8	5,1
Diseases of the circulatory system (I00 – I99) (s)				
Hypertensive diseases (I10 – I15)	2 895,2	541,4	3 133,8	522,9
Ischaemic heart diseases (I20 – I25)	2 422,4	326,6	3 357,1	424,9
Cardiomyopathy (I42 – I43)	188,1	38,1	227,4	38,8
Cardias arrhythmias (I44 – I45, I47 – I49)	1 834,7	346,1	2 115,8	372,8
Hearth failure (I50)	387,3	83,1	469,6	88,5
Diseases of the respiratory system (J00 – J99) (s)				
Chronic lower respiratory diseases (J40 – J44, J47)	2 106,5	414,9	2 150,8	442,9
Asthma (J45, J46)	1 879,7	328,2	1 941,6	284,5
Skin diseases (L00 – L99) (examined persons) (s)				
Psoriasis (L40)	.	18 350,9	.	18 793,0
Dermatitis and eczema (L20 – L30)	.	1 155,6	.	1 141,7
	.	5 963,2	.	6 323,9
Urinary system diseases (N00 – N99) (s)				
Patients in regular dialysis treatment	3 278,0	.	3 378,7	.
	78,6	.	78,1	.
Number of persons treated by home care agencies	.	840,2	.	915,5
Number of registered blood donors	6 294,5	544,7	6 627,4	599,7

Indicator	2011	2012	2013
Number of reported cases (f)			
Treated drug users	2 313	2 193	2 484
Suicides	537	571	628
Suicide attempts	1 006	1 018	972
Occupational diseases or occupational disease threats	373	344	301
per 100 000 population			
Treated drug users	42,8	40,5	45,9
Suicides	9,9	10,6	11,6
Suicide attempts	18,6	18,8	18,0
Occupational diseases or occupational disease threats	6,9	6,4	5,6
Percentage of fully breastfed infants at the end of sixth month of their lives out of all six-month-old registered children	50,9	52,6	53,6
Index of oral health among 12-year old children (i)	1,8	1,8	2,0
Females in fertile age using contraception (j)	25,4	22,4	20,3
Number of abortions per 100 born	27,7	29,4	29,8
Number of legally induced abortions per 100 abortions	52,3	51,5	48,9
Number of outpatient visits per 1 inhabitant (k)	12,2	12,3	12,2
Percentage of hospitalized in health care facilities			
aged 0 – 14	14,8	14,4	14,1
aged 15 – 54	39,1	38,5	37,6
aged 55+	46,1	47,2	48,3

Indicator	2011	2012	2013
Number of health care facilities	13 109	13 394	13 022
Outpatient health care	10 111	10 354	10 152
of which			
general outpatient care units	2 950	2 989	2 907
specialised outpatient care units	6 156	6 265	6 167
emergency outpatient units	28	27	26
health care centres	68	68	69
nursing care services	176	174	171
outpatient medical first aid service units	85	117	83
Institutional health care	186	182	181
of which			
general hospitals	76	74	74
specialised hospitals	44	43	43
sanatoriums	20	20	19
natural healing spa	21	21	22
curative spa	9	8	7
Pharmaceutical care	1 677	1 730	1 634
pharmacies	1 536	1 561	1 487
retail sale of medical aids	141	169	147
Hematology and Transfusiology Facilities	14	14	13
Others (I)	1 121	1 114	1 042
General outpatient health care, number of outpatient units			
General medicine for adults	2 129	2 152	2 088
General care for children and adolescents	1 141	1 135	1 110
Emergency department (outpatient unit) for adults	141	127	128
Emergency department (outpatient unit) for children and adolescents	82	75	76
Stomatology	2 354	2 392	2 348

Indicator	2011	2012	2013
Work positions of independent health care professionals (m)	23 735,10	24 396,18	24 049,08
Outpatient health care	11 288,78	11 668,28	11 257,47
of which			
general outpatient care units	2 866,18	2 877,96	2 733,83
specialised outpatient care units	6 147,23	6 492,39	6 137,26
emergency outpatient units	370,81	295,48	301,59
health care centres	623,69	619,28	649,27
nursing care services	0,25	1,25	1,05
outpatient medical first aid service units	236,98	252,79	254,89
Institutional health care including outpatient units	9 242,38	9 432,24	9 662,75
of which			
general hospitals	7 770,12	7 928,44	8 152,51
specialised hospitals	1 220,04	1 264,03	1 259,45
sanatoriums	95,39	91,61	110,01
natural healing spa	102,38	103,17	105,11
curative spa	23,50	18,90	16,25
Pharmaceutical care	3 063,49	3 158,98	3 026,10
pharmacies	3 053,96	3 145,98	3 014,10
retail sale of medical aids	9,53	13,00	12,00
Hematology and Transfusiology Facilities	122,67	126,25	88,56
Others (I)	17,78	10,43	14,20
General outpatient health care, physician posts (n)			
General medicine for adults	2 034,55	1 981,13	1 905,82
General care for children and adolescents	1 035,25	1 050,13	991,66
Emergency department (outpatient unit) for adults	178,26	227,44	199,09
Emergency department (outpatient unit) for children and adolescents	112,54	123,23	118,71
Stomatology	2 362,65	2 516,38	2 335,99

Selected data on bed health care facilities	2011	2012	2013
Number of specialised units in bed health care facilities	1 278	1 260	1 238
Number of beds	32 954	32 237	31 728
of which for children	4 769	4 638	4 495
Number of beds per 1 000 population	6,1	6,0	5,9
Bed occupancy			
in days	237,7	247,0	247,7
in percentage	67,7	70,0	70,2
Number of hospitalised	1 006 820	1 007 182	986 497
Number of treatment days	8 074 236	7 970 198	7 833 213
Average length of stay in days	8,0	7,9	7,9
Number of physician posts	5 704,21	6 084,98	6 173,51
Number of beds per 1 physician post	5,8	5,3	5,1
Number of physician posts of nurses total	17 283,91	16 958,61	16 903,97
of which at the bedside	15 048,52	15 099,21	15 044,74
Number of beds in hospital health care (o)	32 663	31 963	31 416
in acute hospital care	24 229	23 647	22 944
in long-term hospital care	3 451	3 272	3 269
in psychiatric hospital care	4 148	4 199	4 417
in another type of hospital care	835	845	786
Number of beds in nursing home facilities (hospice, nursing homes) (o)	279	262	304
Number of beds in natural healing health resorts (spa)	9 503	9 880	9 632
Number of beds in curative health resorts (spa)	1 254	1 239	1 160
Number of Slovak patients treated in balneological care	107 292	108 585	114 001

Registration number of workforce in health care – natural persons	2011	2012	2013
Workforce total	105 743	105 397	104 312
Health workforce total	78 842	79 234	78 683
of which			
physicians	17 849	18 193	18 355
dentists	2 618	2 665	2 586
pharmacists	3 382	3 522	3 333
nurses	32 043	31 478	31 128
midwives	1 837	1 765	1 775
medical laboratory assistants	3 279	3 190	3 063
pharmaceutical laboratory assistants	2 283	2 271	2 065
physiotherapists	1 703	1 709	1 726
emergency medical rescuers	1 467	1 755	1 779
medical assistants	1 489	1 735	1 969
radiologist technicians	1 350	1 315	1 314
hospital attendants	5 319	5 437	5 334
other health care workforce (p)	1 400	1 432	1 475
Non-health workforce total	25 457	24 731	24 222
technical and economic workforce	9 518	9 174	9 216
labour and operating workforce	15 417	15 037	14 464
educational workforce	371	360	367
science, research and development workforce	151	160	175
Government member and political representative	1	1	1
State employees	1 443	1 431	1 406
Structure of workforce according to founder			
in the founding competence of the Ministry of the Health of the SR	40 909	40 584	41 100
in the founding competence of other resorts	1 879	1 830	1 775
in the founding competence of Higher Territorial Unit	16 333	16 020	14 779
in the founding competence of other founders	46 622	46 963	46 658

Indicator	2011	2012	2013
Consumption of drugs			
Prescribed (covered by public health insurance) (r)			
Number of packaging in pieces (thousands)	114 623	108 845	109 781
Reimbursed by health insurance company (thousands €)	1 052 568	1 004 191	1 009 100
Patient compensation (thousands €)	175 751	149 671	148 788
Sold without a prescription in public pharmacies			
Number of packaging in pieces (thousands)	36 040	34 934	37 847
Payments from citizens (thousands €)	119 839	124 625	146 708
Consumption of medical aids			
Prescribed (covered by public health insurance)			
Number of packaging in pieces (thousands)	92 501	100 260	106 895
Reimbursed by health insurance company (thousands €)	141 407	146 396	156 530
Patient compensation (thousands €)	3 433	2 897	5 211
Sold without a prescription in public pharmacies			
Number of packaging in pieces (thousands)	16 386	16 087	16 280
Payments from citizens (thousands €)	13 301	15 563	14 639

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: National Health Registry
- (h) females
- (i) 12-year old children who were in systematical dental outpatient care units in the given year
- (j) fertile age of females aged 15 – 49
- (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 workforce 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 workforce in both regular and outside employment together recalculated on full-time employments in occupations physician and dentist
- (o) classification by OECD methodology
source: (<http://stats.oecd.org/>)
- (p) logopedist, psychologist, laboratory diagnostician, curative pedagogue, physicist
- (r) including drugs with method of payment “A”
- (s) source: annual report on activity of the specialised out-patient care unit
data is not available
- .
of which means to incomplete selection of items