

HEALTH CARE OF
THE SLOVAK REPUBLIC
IN FIGURES
2015

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This publication provides the overview of the basic health statistics collected and processed in National Health Information Centre primarily from years 2013 – 2015. It contains demographic data, information from the health status area of the population, network and activity of healthcare establishments, structure of workforce in health services, consumption of drugs and medical aids.

The part on health status deals with number of patients (both monitored and new reported) with selected diseases in absolute and relative expressions. Health facilities offer an overview on types of health facilities in the SR, and their number, and also basic information on bed fund in institutional healthcare. Structure of workforce reveals about registered number of workforce in healthcare (both health and non-health), and the part on drugs and medical aids reports financial and volume consumption of prescribed drugs and medical aids refunded from the public health insurance and sold in public pharmacies over the counter.

The publication is enriched with charts capturing evolution of selected indicators across longer period.

Next data sources:

Statistical Office of the Slovak Republic – demographic indicators (except of abortions),

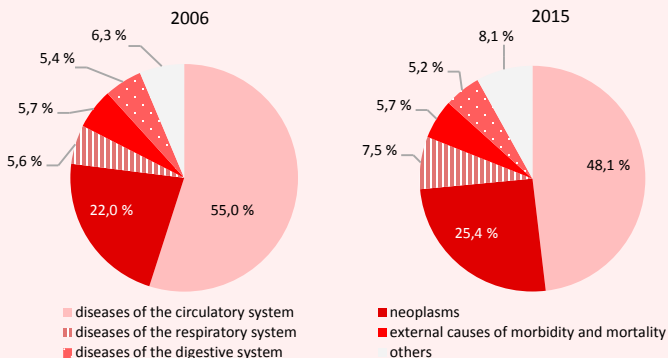
Regional Authority of Public Health SR in Banská Bystrica – reported infectious diseases,

National Institute of Tuberculosis, Lung Diseases and Thoracic Surgery

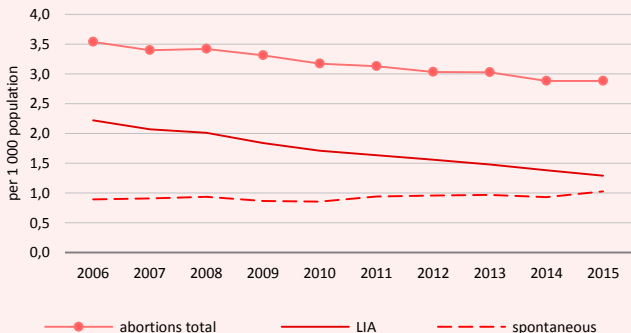
Vyšné Hágy – reported cases of tuberculosis.

Indicator	2013	2014	2015
Number of population as of December 31 (a)	5 416	5 421	5 426
Males	2 639	2 642	2 646
Females	2 777	2 779	2 780
Age structure of population in %			
0 – 14	15,3	15,3	15,3
15 – 64	71,1	70,7	70,2
65+	13,5	14,0	14,5
Life expectancy at birth (years)			
Males	72,9	73,2	73,0
Females	79,6	80,0	79,7
Live born (b)	10,1	10,2	10,3
Deaths (b)	9,6	9,5	9,9
Natural increase (b)	0,5	0,7	0,3
Net migration (b)	0,4	0,3	0,6
Total increase (b)	0,9	1,0	0,9
Infant mortality (c)	5,5	5,8	5,1
Neonatal mortality (c)	3,2	3,3	3,3
Mortality of the most common causes of death (d)			
Diseases of the circulatory system	483,8	465,5	477,6
Neoplasms	246,7	248,8	251,8
Diseases of the respiratory system	64,0	60,6	74,7
External causes of morbidity and mortality	52,2	51,3	56,2
Diseases of the digestive system	47,9	48,7	51,9
Abortions (e, f)	16 362	15 628	15 647
of which			
legally induced abortions	7 999	7 501	7 004
spontaneous	5 248	5 042	5 584
Number of abortions per 100 births	29,8	28,3	28,0
Number of LIA per 100 abortions	48,9	48,0	44,8
Females in aged 15 to 49 years using contraception (g)	20,3	20,2	18,6

Proportion of deaths by selected causes of death



Crude abortion rate



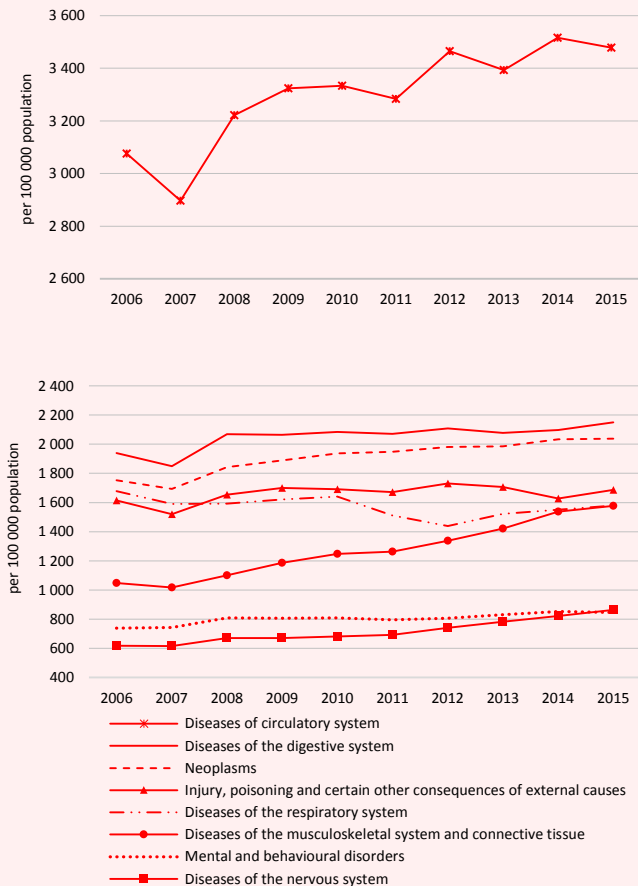
Indicator/ Diagnosis ICD-10	2014		2015	
	Monitored	Newly registered	Monitored	Newly registered
Selected infectious diseases (h)				
Other salmonella infections (A02)	.	4 379	.	5 103
Tuberculosis (A15 – A19) (i)	.	336	.	317
Hepatitis A (B15)	.	735	.	883
Hepatitis B (B16)	.	85	.	65
Hepatitis C (B17.1)	.	36	.	24
HIV (Z21)	.	86	.	86
Syphilis (A50 – A53)	.	362	.	299
Diabetes mellitus (E10 – E14, O24) (g)	339 419	23 613	345 475	21 909
of which diabetics				
with diabetic nephropathy	43 543	4 572	45 229	4 355
with diabetic neuropathy	86 116	7 199	87 284	6 775
with diabetic foot lesions	8 354	1 441	8 269	1 240
with lower limb amputation	3 997	507	4 003	469
Mental and behavioural disorders (F00 – F99) (examined persons) (g)	382 665	64 365	406 758	74 151
of which				
Mental and behavioural disorders due to use of alcohol (F10)	31 376	7 798	32 216	8 036
Schizophrenia, schizotypal and delusional disorders (F20 – F29)	58 526	4 641	59 353	6 268
Reported cases (f)				
Treated drug users	.	2 483	.	2 720
Suicides	.	567	.	592
Suicide attempts	.	822	.	859
Diseases of the nervous system (g)				
Parkinson's disease (G20)	21 718	3 970	20 895	3 723
Alzheimer's disease (G30)	9 793	2 390	10 056	2 330
Sclerosis multiplex (G35)	18 286	1 855	15 158	1 556

Indicator/Diagnosis ICD-10 per 100 000 population	2014		2015	
	Monitored	Newly registered	Monitored	Newly registered
Selected infectious diseases (h)				
Other salmonella infections (A02)	.	80,9	.	94,1
Tuberculosis (A15 – A19) (i)	.	6,2	.	5,9
Hepatitis A (B15)	.	13,6	.	16,3
Hepatitis B (B16)	.	1,6	.	1,2
Hepatitis C (B17.1)	.	0,7	.	0,4
HIV (Z21)	.	1,6	.	1,6
Syphilis (A50 – A53)	.	6,7	.	5,5
Diabetes mellitus (E10 – E14, O24) (g)	6 260,1	435,5	6 366,7	403,8
of which diabetics				
with diabetic nephropathy	803,1	84,3	833,5	80,3
with diabetic neuropathy	1 588,3	132,8	1 608,6	124,9
with diabetic foot lesions	154,1	26,6	152,4	22,9
with lower limb amputation	73,7	9,4	73,8	8,6
Mental and behavioural disorders (F00 – F99)				
(examined persons) (g)	7 057,7	1 187,1	7 496,1	1 366,5
of which				
Mental and behavioural disorders due to use of alcohol (F10)	578,7	143,8	593,7	148,1
Schizophrenia, schizotypal and delusional disorders (F20 – F29)	1 079,4	85,6	1 093,8	115,5
Reported cases (f)				
Treated drug users	.	45,9	.	50,1
Suicides	.	10,5	.	10,9
Suicide attempts	.	15,2	.	15,8
Diseases of the nervous system (g)				
Parkinson's disease (G20)	400,6	73,2	385,1	68,6
Alzheimer's disease (G30)	180,6	44,1	185,3	42,9
Sclerosis multiplex (G35)	337,3	34,2	279,3	28,7

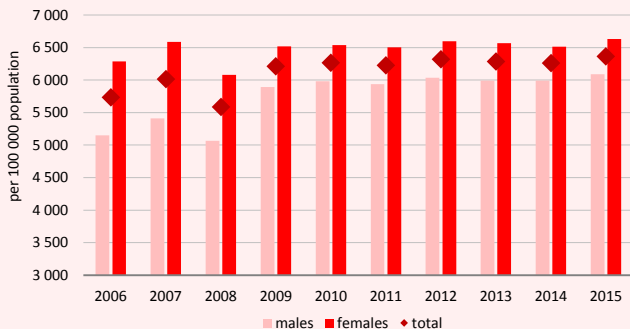
Indicator/ Diagnosis ICD-10	2014		2015	
	Monitored	Newly registered	Monitored	Newly registered
Diseases of the eye and adnexa (g)				
Glaucoma (H40 – H42)	210 685	26 745	223 980	27 327
Blindness (H54.0)	2 066	179	1 716	186
Diseases of the circulatory system (g)				
Hypertensive diseases (I10 – I15)	173 875	27 887	185 231	30 047
Ischaemic heart diseases (I20 – I25)	139 789	21 474	146 331	22 310
Cardiomyopathy (I42 – I43)	13 424	2 193	13 207	2 382
Cardiac arrhythmias (I44 – I45, I47 – I49)	113 576	20 821	118 341	21 298
Heart failure (I50)	25 798	5 028	27 902	5 330
Diseases of the respiratory system (g)				
Chronic lower respiratory diseases (J40 – J44, J47)	112 981	23 260	108 260	18 756
Asthma (J45, J46)	101 378	15 596	108 410	15 487
Skin diseases (examined persons) (g)				
Psoriasis (L40)	.	63 413	.	61 746
Dermatitis and eczema (L20 – L30)	.	345 494	.	346 733
Chronic kidney disease – CKD (g)				
Glomerular and tubulointerstitial diseases – 3., 4. stage of CKD (N00.0 – N08.8, N10 – N16.8)	37 421	.	40 867	.
Kidney failure – 5. stage of CKD (N17.0 – N19)	1 153	.	1 439	.
Patients in regular dialysis treatment	4 302	.	4 472	.
Occupational diseases or occupational disease threats (f)	.	373	.	328

Indicator/Diagnosis ICD-10 per 100 000 population	2014		2015	
	Monitored	Newly registered	Monitored	Newly registered
Diseases of the eye and adnexa (g)				
Glaucoma (H40 – H42)	3 885,8	493,3	4 127,7	503,6
Blindness (H54.0)	38,1	3,3	31,6	3,4
Diseases of the circulatory system (g)				
Hypertensive diseases (I10 – I15)	3 206,9	514,3	3 413,6	553,7
Ischaemic heart diseases (I20 – I25)	2 578,2	396,1	2 696,7	411,1
Cardiomyopathy (I42 – I43)	247,6	40,4	243,4	43,9
Cardiac arrhythmias (I44 – I45, I47 – I49)	2 094,7	384,0	2 180,9	392,5
Heart failure (I50)	475,8	92,7	514,2	98,2
Diseases of the respiratory system (g)				
Chronic lower respiratory diseases (J40 – J44, J47)	2 083,8	429,0	1 995,1	345,7
Asthma (J45, J46)	1 869,8	287,6	1 997,9	285,4
Skin diseases (examined persons) (g)				
Psoriasis (L40)	.	1 169,6	.	1 137,9
Dermatitis and eczema (L20 – L30)	.	6 372,1	.	6 389,9
Chronic kidney disease – CKD (g)				
Glomerular and tubulointerstitial diseases – 3., 4. stage of CKD (N00.0 – N08.8, N10 – N16.8)	690,3	.	753,1	.
Kidney failure – 5. stage of CKD (N17.0 – N19)	21,3	.	26,5	.
Patients in regular dialysis treatment	79,3	.	82,4	.
Occupational diseases or occupational disease threats (f)	.	6,9	.	6,0

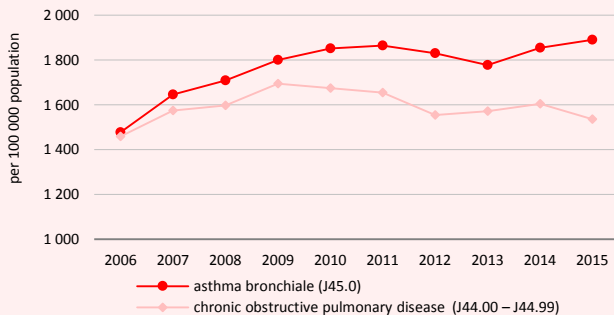
Number of hospitalisations per 100 000 population, selected groups of diagnosis



Number of registered patients with diabetes mellitus by sex



Number of registered persons with asthma bronchiale and chronic obstructive pulmonary disease ¹⁾

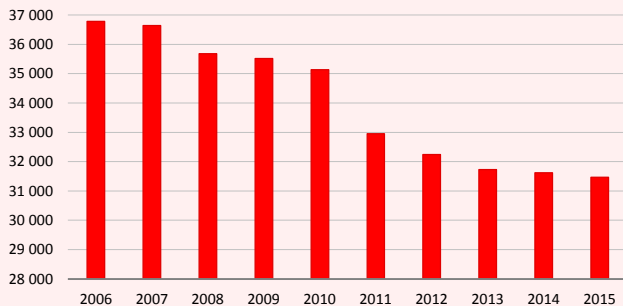
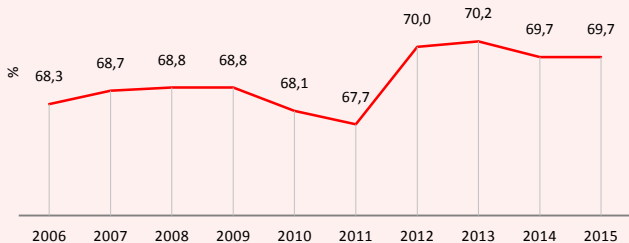


¹⁾ I. – IV. stage of chronic obstructive pulmonary disease

Indicator	2013	2014	2015
Number of health care facilities	13 022	13 040	13 099
Outpatient health care	10 152	10 141	10 131
of which			
general outpatient care units	2 907	2 863	2 837
specialised outpatient care units	6 167	6 157	6 148
emergency outpatient units	26	19	12
health care centres	69	71	73
nursing care services	171	179	186
outpatient medical first aid service units	83	80	84
Institutional health care	181	174	179
of which			
general hospitals	74	73	73
specialised hospitals	43	44	43
sanatoriums	19	17	18
hospice, nursing care facilities	15	12	14
natural healing spas, curative spas	29	27	30
Pharmaceutical care	1 634	1 749	1 833
pharmacies	1 487	1 597	1 680
retail sale of medical aids	147	152	153
Hematology and Transfusiology Facilities	13	12	11
Others (j)	1 042	964	945
General and dental outpatient health care, number of outpatient units			
General medicine for adults	2 088	2 048	2 049
General care for children and adolescents	1 110	1 093	1 065
Emergency department (outpatient unit) for adults	128	122	125
Emergency department (outpatient unit) for children and adolescents	76	69	69
Stomatology	2 348	2 307	2 298
Number of outpatient visits per 1 inhabitant (k)	12,2	12,4	12,5

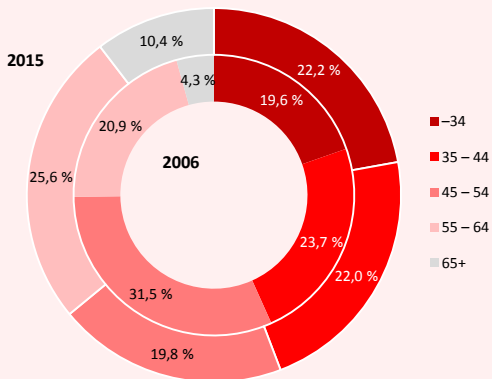
Indicator	2013	2014	2015
Work positions of independent health care professionals (l)	24 049,08	24 388,92	24 693,30
Outpatient health care	11 257,47	11 143,50	11 088,20
of which			
general outpatient care units	2 733,83	2 701,85	2 655,79
specialised outpatient care units	6 137,26	6 130,87	6 099,87
emergency outpatient units	301,59	271,15	267,64
health care centres	649,27	647,96	645,77
nursing care services	1,05	2,00	–
outpatient medical first aid service units	254,89	219,34	222,18
Institutional health care including out-patient units	9 662,75	9 869,66	10 019,37
of which			
general hospitals	8 152,51	8 299,02	8 449,27
specialised hospitals	1 259,45	1 324,91	1 301,42
sanatoriums	110,01	98,85	108,67
hospice, nursing care facilities	19,42	19,44	19,34
natural healing spas, curative spas	121,36	126,66	140,04
Pharmaceutical care	3 026,10	3 281,70	3 479,55
pharmacies	3 014,10	3 274,70	3 471,10
retail sale of medical aids	12,00	7,00	8,45
Hematology and Transfusiology Facilities	88,56	85,39	90,60
Others (j)	14,20	8,67	15,58
General and dental outpatient health care, physician posts (m)			
General medicine for adults	1 905,82	1 852,87	1 813,45
General care for children and adolescents	991,66	1 002,60	991,05
Emergency department (outpatient unit) for adults	199,09	172,51	180,14
Emergency department (outpatient unit) for children and adolescents	118,71	111,80	101,81
Stomatology	2 335,99	2 360,47	2 326,11

Indicator	2013	2014	2015
Selected data on bed health care facilities (n)			
Number of units in bed health care facilities	1 238	1 219	1 222
Number of beds	31 728	31 619	31 471
of which for children	4 495	4 424	4 417
Number of beds per 1 000 population	5,9	5,8	5,8
Bed occupancy			
in days	247,7	245,4	245,1
in percentage	70,2	69,7	69,7
Number of hospitalised	986 497	988 691	990 465
Number of treatment days	7 833 213	7 758 412	7 714 540
Average length of stay in days	7,9	7,8	7,8
Number of physician posts	6 173,51	6 268,16	6 441,38
Number of beds per 1 physician post	5,1	5,0	4,9
Number of physician posts of nurses total	16 903,97	16 801,68	16 728,32
of which at the bedside	15 044,74	14 911,22	14 985,43
Number of beds in hospital healthcare (o)	31 416	31 348	31 172
in acute hospital care	26 613	26 642	26 441
in rehabilitative hospital care	786	800	800
in long-term hospital care	4 017	3 906	3 931
in another type of hospital care	–	–	–
Number of beds in nursing home facilities	304	263	291
Number of beds in natural healing health resorts (spa) and curative health resorts (spa)	10 517	10 733	10 896
Number of Slovak patients treated in balneological care	114 001	112 331	115 204
Number of daily places in outpatient and institutional health care	4 483	5 316	5 037
of which in day care units	2 046	2 705	2 563
Number of operated in day care units	166 804	204 540	211 416

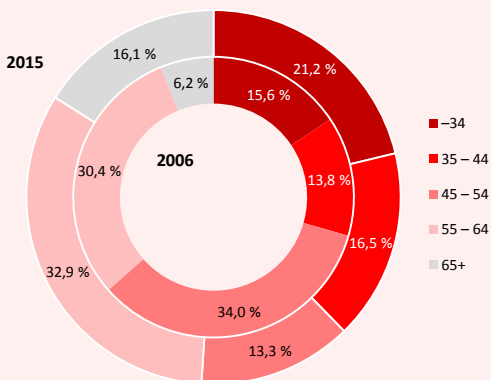
Number of beds in institutional health care (n)**Bed occupancy in % (n)**

Registration number of workforce in health care – natural persons	2013	2014	2015
Workforce total	104 312	105 382	106 682
Health workforce total	78 683	79 729	80 318
of which			
physicians	18 355	18 574	18 719
dentists	2 586	2 642	2 647
pharmacists	3 333	3 644	3 826
nurses	31 128	31 166	30 904
midwives	1 775	1 795	1 760
medical laboratory assistants	3 063	3 175	3 147
pharmaceutical laboratory assistants	2 065	2 161	2 182
physiotherapists	1 726	1 818	1 901
emergency medical rescuers	1 779	1 773	1 816
medical assistants	1 969	2 213	2 452
radiologist technicians	1 314	1 291	1 314
hospital attendants	5 334	5 250	5 398
other health care workforce (p)	1 475	1 526	1 535
Non-health workforce total	24 222	24 241	24 928
of which			
technical and economic workforce	9 216	8 914	9 469
labour and operating workforce	14 464	14 769	14 870
educational workforce	367	381	390
science, research and development workforce	175	177	187
Government member and political representative	1	1	1
State employees	1 406	1 411	1 435
Structure of workforce according to founder			
in the founding competence of the Ministry of the Health of the SR	41 100	41 281	41 848
in the founding competence of other resorts	1 775	1 805	1 842
in the founding competence of Higher Territorial Unit	14 779	11 876	9 723
in the founding competence of other founders	46 658	50 420	53 269

Physicians – age structure

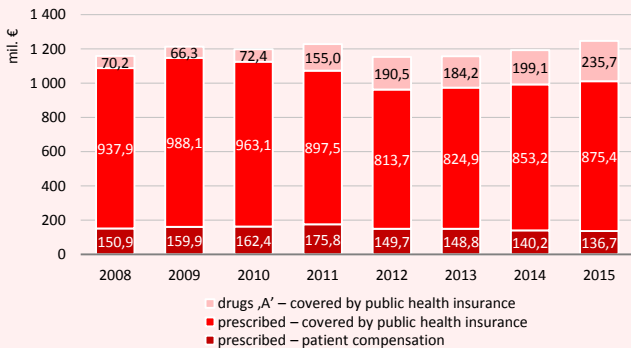


Dentists – age structure

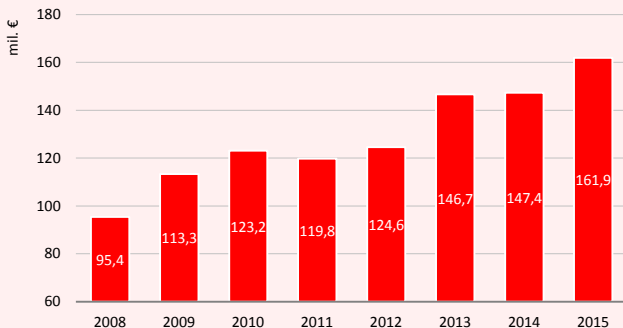


Indicator	2013	2014	2015
Consumption of drugs			
Prescribed (covered by public health insurance)			
Number of packaging in pieces (thousands)	84 101	83 658	83 607
Reimbursed by health insurance company (thousands €)	824 858	853 151	875 409
Patient compensation (thousands €)	148 788	140 196	136 685
Covered by public health insurance – settlement type ,A' (r)			
Number of packaging in pieces (thousands)	25 680	26 669	✓14 568
Reimbursed by health insurance company (thousands €)	184 242	199 088	235 720
Sold without a prescription in public pharmacies			
Number of packaging in pieces (thousands)	37 847	35 613	37 313
Payments from citizens (thousands €)	146 708	147 398	161 926
Consumption of medical aids			
Prescribed (covered by public health insurance)			
Number of packaging in pieces (thousands)	106 895	114 792	122 813
Reimbursed by health insurance company (thousands €)	156 530	176 382	192 955
Patient compensation (thousands €)	5 211	6 026	6 415
Sold without a prescription in public pharmacies			
Number of packaging in pieces (thousands)	16 280	18 587	20 734
Payments from citizens (thousands €)	14 639	17 250	20 442

Consumption of drugs (mil. €) – covered by public health insurance



Consumption of drugs (mil. €) – sold without a prescription in public pharmacies



- (a) number of population in thousands
- (b) per 1 000 population
- (c) per 1 000 live births
- (d) number of deaths per 100 000 population
- (e) spontaneous, LIA, other abortions, extrauterine pregnancies
- (f) source: Health Status Reports
- (g) source: annual report on activity of the specialised out-patient care unit
- (h) source: Registry of Communicable Disease
- (i) source: National Health Registry
- (j) optical studio, dental laboratory, medical transport service, health care provider facility with a licence to perform independent health care practice
- (k) general and specialised outpatient care units, including home visiting service
- (l) 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 worker
- (m) registration number of physician and dentist in both regular and outside employment together recalculated on full-time employments in occupations excluding natural healing spa and curative spa
- (n) classification and updated by OECD Health Statistics methodology, June 2016
- (o) source: (<http://stats.oecd.org/>)
- (p) logopedist, psychologist, laboratory diagnostician, curative pedagogue, physicist
- (r) specific type of reimbursement, a health insurance company reimburses the cost of the given drug to a healthcare provider as non-deductible expenses within the outpatient unit healthcare service
- .
- data is not available
- ✂ cut in comparability of time series due to methodology or other reasons
- of which means to incomplete selection of items

Abbreviations

LIA legally induced abortion