

INSTITUTE OF INFORMATICS AND STATISTICS

Demographic Research Centre

**MORTALITY ATLAS OF SLOVAKIA
1993 - 2007**

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This publication includes analytical demographic indicators related to mortality in the Slovak Republic during the 1993 – 2007 period. It can be used as a reference material for an in-depth mortality analysis of mortality through out Slovakia for detection of inter-regional differences and it can help to position Slovakia within Europe.

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No language editing has been made.

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INTRODUCTION

The aim of this publication is to map the mortality situation of contemporary Slovakia in time and space. It captures the complex development of mortality from 1993 to 2007, examining this subject from vantage points of the entire territory, of regional differences and from the position in European Union. It is a period when profound social and economic changes have a significant impact on mortality due mainly to changes in the health care, life style and personal behaviour.

In this publication you can find out every important analytical indicators of mortality. These indicators were calculated from the basic demographic data published by the Slovak Statistical Office and by INFOSTAT's Demographic Research Centre. Indicators for the other European countries were collected from the sources of WHO (<http://data.euro.who.int/hfad/>) and from "The human mortality database" (<http://www.mortality.org>).

The basic data were sorted by sex, age, residence (district) and by the cause of death. For the year 1993 the sorting by cause of death was done on the basis of the 9th Revision of the International Classification of Diseases (ICD-9), for the other year on the basis of the 10th Revision of the International Classification of Diseases (ICD-10). All codes of causes of death are listed in the Appendix.

Data for the territorial unit of Slovakia were calculated in annual periodicity. The regional division was done by districts. Due to the low annual frequency of deaths in some of the districts, indicators for the districts were calculated on basis of five year averages. In this way three analytical periods were created, namely from 1993 to 1997, from 1998 to 2002, and from 2003 to 2007. For international comparison were used the latest available indicators.

All indicators were constructed in a way they comparability with the same indicators calculated for other European population is enabled. The age structure effect was adjusted on the basis of the European standard population published by WHO, also listed in the Appendix.

This publication is intended for experts interested in mortality analysis, as a reference material. It doesn't include methodical notes, but the meaning and utilization of the indicators can be found in the cited literature. The publication consists of tables, graphs and cartograms, which were updated by short comments.

In this publication a coma (",") is used as decimal separator.

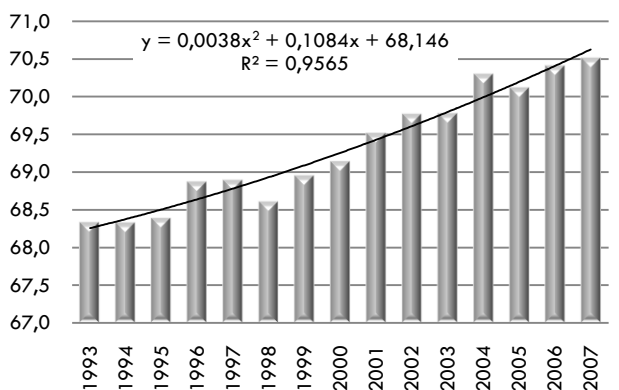
MORTALITY DEVELOPMENT IN SLOVAKIA

Life expectancy, males

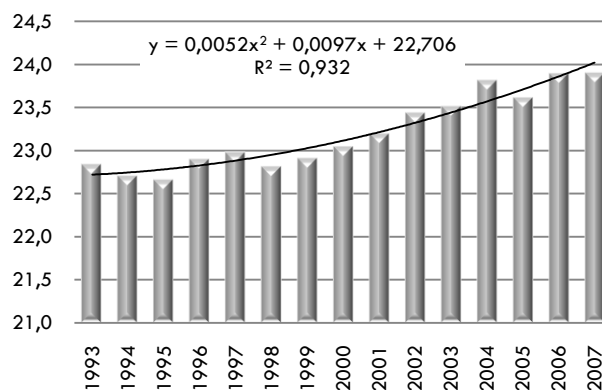
Year	Life expectancy							
	at birth	at age 50	at age 60	at age 70	at age 60	at age 70	at age 70	
1993	✗	68,34	✗	22,84	!	15,94	✓	10,53
1994	✗	68,34	✗	22,71	✗	15,68	✗	10,22
1995	✗	68,39	✗	22,66	✗	15,61	✗	10,11
1996	✗	68,87	✗	22,90	✗	15,80	!	10,31
1997	!	68,89	!	22,98	!	15,93	!	10,29
1998	✗	68,61	✗	22,81	✗	15,75	✗	10,16
1999	!	68,95	✗	22,91	✗	15,84	!	10,24
2000	!	69,14	!	23,04	!	15,90	!	10,27
2001	!	69,51	!	23,19	!	15,97	!	10,37
2002	!	69,77	!	23,44	!	16,27	✓	10,45
2003	!	69,77	!	23,51	!	16,29	✓	10,45
2004	✓	70,29	✓	23,81	✓	16,46	✓	10,50
2005	✓	70,11	✓	23,61	✓	16,34	!	10,37
2006	✓	70,40	✓	23,89	✓	16,54	✓	10,52
2007	✓	70,51	✓	23,89	✓	16,56	✓	10,56

✗ if the value is \leq (minimum + 25% from variance)
 ! in other case
 ✓ if the value is \geq (maximum - 25% from variance)

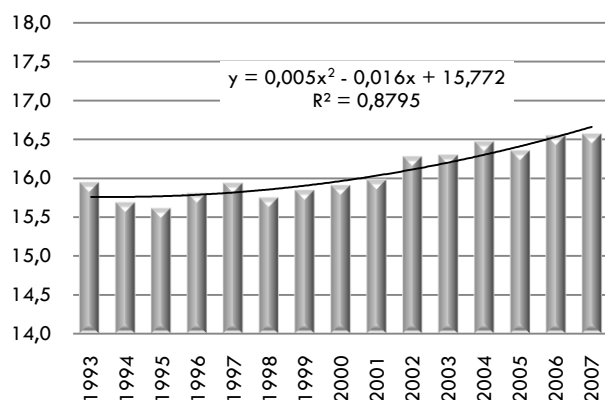
Life expectancy at birth, males



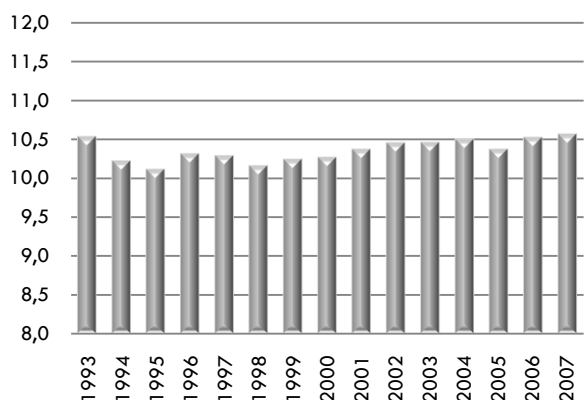
Life expectancy at age 50, males



Life expectancy at age 60, males



Life expectancy at age 70, males



Comment: Functions shown in this publication are not appropriate for forecasting. They are only a mathematical description of reality. If a function is not listed, it means that it could not be found with a coefficient R^2 closed to one.

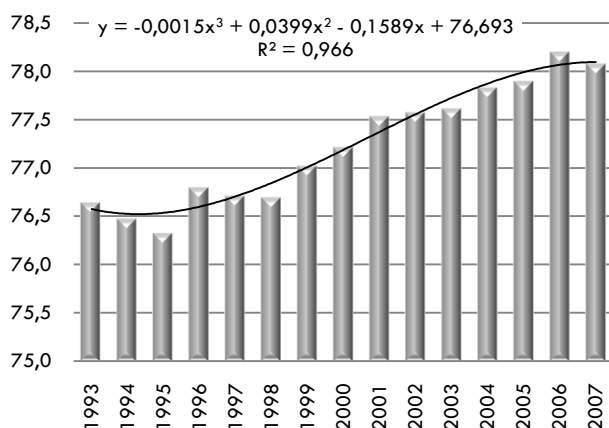
- Life expectancy at birth shows increasing tendency. Years 1998 and 2005, when the indicator decreased indicate some disturbance.
- Life expectancy at age 50 shows increasing tendency too, although in years 1994 and 1995 shows decrease. Years 1998 and 2005 indicate some disturbance.
- Increase of the life expectancy at age 60 and at age 70 significantly slowed down in the years 1994, 1995, 1998 and 2005.

Life expectancy, females

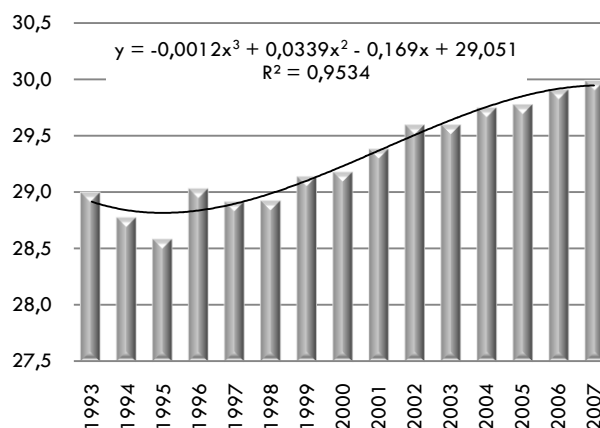
Year	Life expectancy							
		at birth		at age 50		at age 60		at age 70
1993	✘	76,65	⚠	29,00	⚠	20,45	⚠	12,97
1994	✘	76,48	✘	28,78	✘	20,15	✘	12,61
1995	✘	76,33	✘	28,59	✘	19,99	✘	12,51
1996	⚠	76,80	⚠	29,04	⚠	20,35	⚠	12,81
1997	✘	76,72	✘	28,92	⚠	20,34	⚠	12,75
1998	✘	76,70	✘	28,93	✘	20,28	✘	12,66
1999	⚠	77,03	⚠	29,14	⚠	20,48	⚠	12,79
2000	⚠	77,22	⚠	29,18	⚠	20,42	✘	12,66
2001	⚠	77,54	⚠	29,39	⚠	20,67	⚠	12,91
2002	⚠	77,57	⚠	29,60	⚠	20,87	✔	13,09
2003	⚠	77,62	⚠	29,60	⚠	20,86	⚠	13,02
2004	✔	77,83	✔	29,75	✔	21,02	✔	13,15
2005	✔	77,90	✔	29,78	✔	21,01	✔	13,09
2006	✔	78,20	✔	29,91	✔	21,18	✔	13,23
2007	✔	78,08	✔	29,99	✔	21,23	✔	13,24

✘ if the value is \leq (minimum + 25% from variance)
 ⚠ in other case
 ✔ if the value is \geq (maximum - 25% from variance)

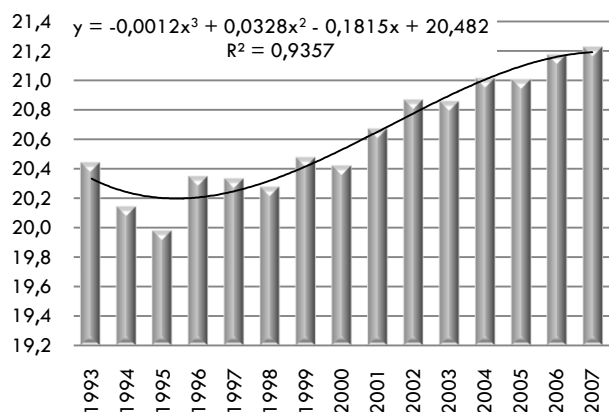
Life expectancy at birth, females



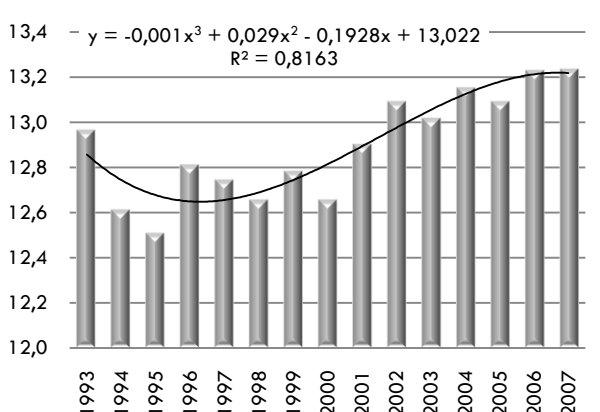
Life expectancy at age 50, females



Life expectancy at age 60, females



Life expectancy at age 70, females



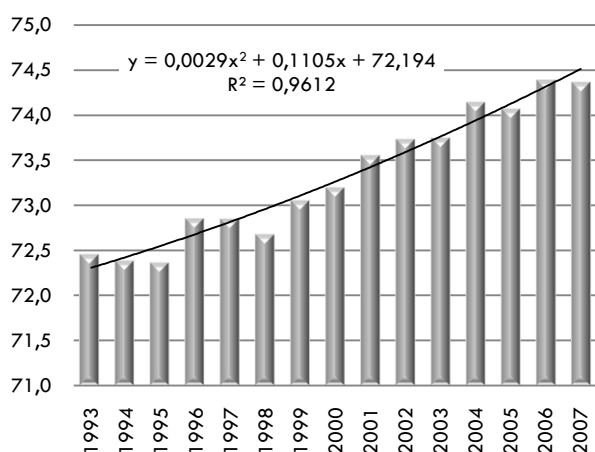
- Significant decrease of life expectancy of all selected ages in years 1994 and 1995.
- Years 1998 and 2000 indicated disturbance at higher ages.
- Decrease of life expectancy at birth of females in 2007. The decrease by 0,12 years is statistically insignificant. The confidence interval (95%) is $\pm 0,15$ year.

Life expectancy, both sexes

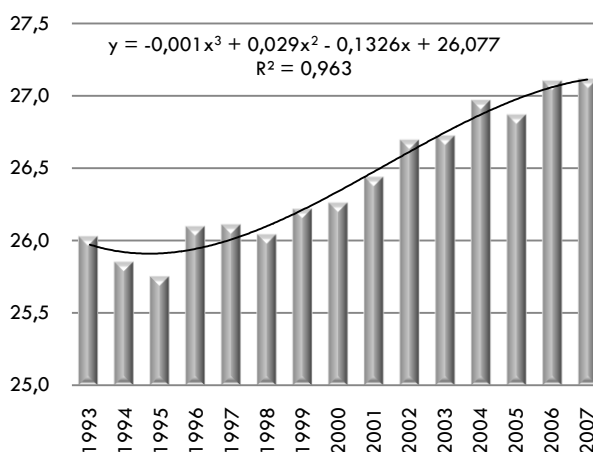
Year	Life expectancy							
		at birth		at age 50		at age 60		at age 70
1993	✗	72,46	✗	26,03	⚠	18,37	⚠	11,95
1994	✗	72,39	✗	25,86	✗	18,09	✗	11,61
1995	✗	72,37	✗	25,76	✗	17,99	✗	11,53
1996	✗	72,85	⚠	26,10	✗	18,27	⚠	11,78
1997	✗	72,85	⚠	26,11	⚠	18,37	⚠	11,77
1998	✗	72,68	✗	26,04	✗	18,26	✗	11,69
1999	⚠	73,05	⚠	26,22	⚠	18,44	⚠	11,82
2000	⚠	73,20	⚠	26,26	⚠	18,39	⚠	11,71
2001	⚠	73,55	⚠	26,44	⚠	18,56	⚠	11,89
2002	⚠	73,73	⚠	26,69	⚠	18,83	✓	12,07
2003	⚠	73,74	⚠	26,72	⚠	18,83	✓	12,02
2004	✓	74,14	✓	26,96	✓	19,01	✓	12,13
2005	✓	74,06	✓	26,87	✓	18,94	⚠	12,03
2006	✓	74,38	✓	27,10	✓	19,15	✓	12,21
2007	✓	74,36	✓	27,11	✓	19,16	✓	12,20

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 ⚠ in other case
 ✓ if the value is \geq (maximum - 25% from variance)

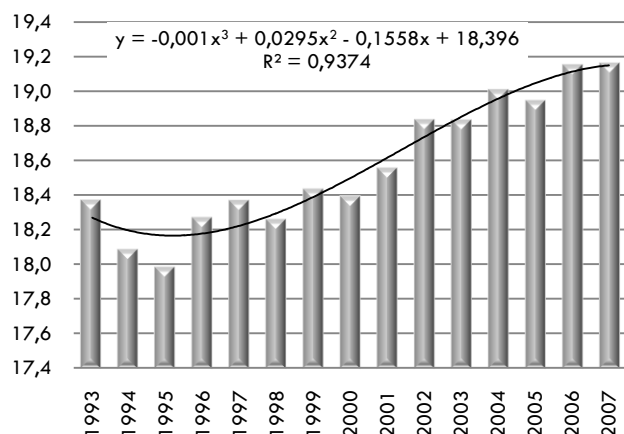
Life expectancy at birth, both sexes



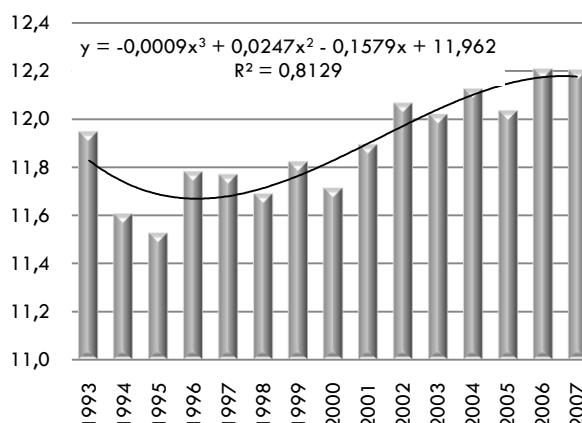
Life expectancy at age 50, both sexes



Life expectancy at age 60, both sexes



Life expectancy at age 70, both sexes



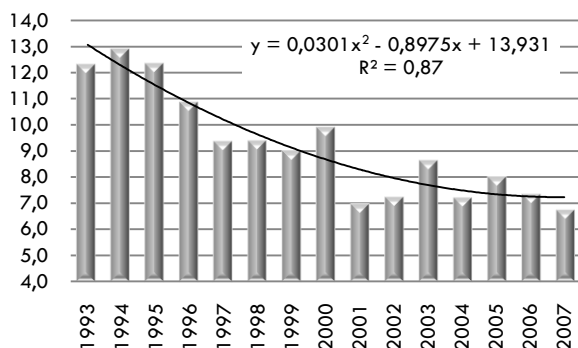
- The life expectancy development for both sexes is a result of a synthesis of the development of individual gender.

Mortality during the first year of life, males

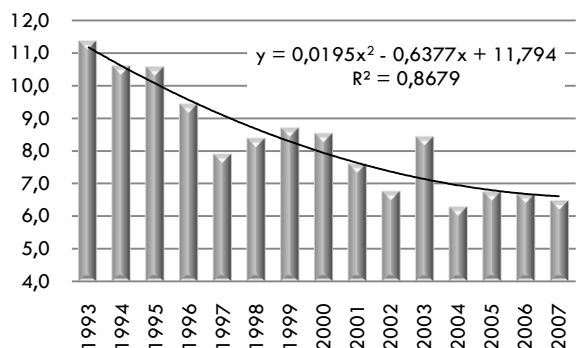
Year	Infant mortality rate	Neonatal mortality rate	Post neonatal mortality rate	Perinatal mortality rate
1993	✗ 12,32	✗ 8,85	○ 3,47	✗ 11,34
1994	✗ 12,90	✗ 8,65	✗ 4,25	✗ 10,58
1995	✗ 12,35	✗ 8,91	○ 3,44	✗ 10,56
1996	○ 10,89	✗ 7,60	○ 3,29	○ 9,43
1997	○ 9,38	○ 6,12	○ 3,26	○ 7,90
1998	○ 9,41	○ 5,86	○ 3,55	○ 8,39
1999	○ 9,02	○ 5,78	○ 3,24	○ 8,70
2000	○ 9,92	○ 6,13	✗ 3,79	○ 8,54
2001	✓ 7,00	✓ 4,73	✓ 2,27	○ 7,61
2002	✓ 7,27	✓ 4,19	○ 3,08	✓ 6,78
2003	○ 8,67	○ 5,09	○ 3,58	○ 8,44
2004	✓ 7,23	✓ 3,98	○ 3,26	✓ 6,31
2005	✓ 8,04	✓ 4,65	○ 3,40	✓ 6,77
2006	✓ 7,37	✓ 4,01	○ 3,36	✓ 6,69
2007	✓ 6,77	✓ 3,62	○ 3,15	✓ 6,50

✗ if the value is \geq (maximum - 25% from variance)
 ○ in other case
 ✓ if the value is \leq (minimum + 25% from variance)

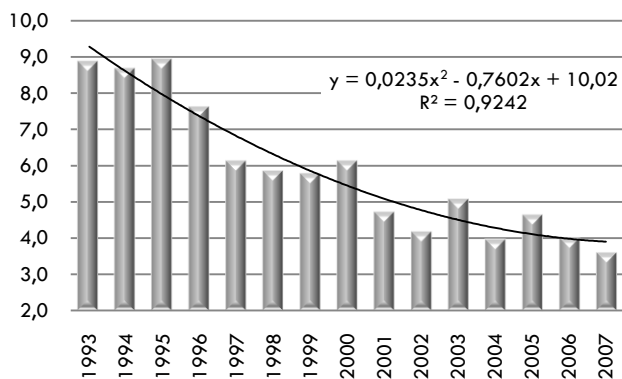
Infant mortality rate, males



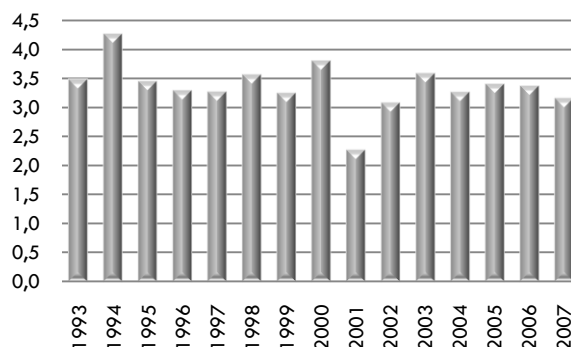
Perinatal mortality rate, males



Neonatal mortality rate, males



Post neonatal mortality rate, males



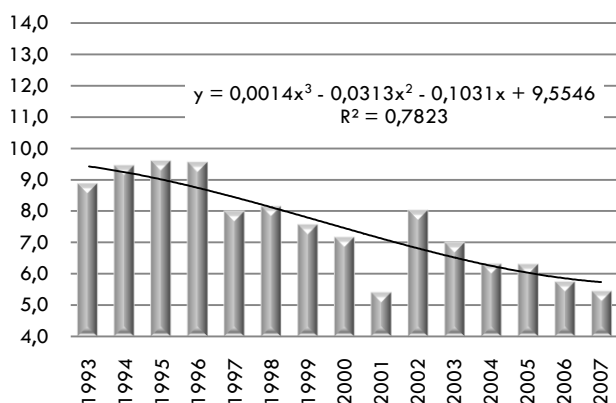
- Favourable infant mortality rate development was slowed down by years 2000, 2003 and 2005.
- Infant mortality development in year 2000 was caused by a bad post neonatal mortality.
- Infant mortality development in year 2003 was caused by a bad perinatal mortality.

Mortality during the first year of life, females

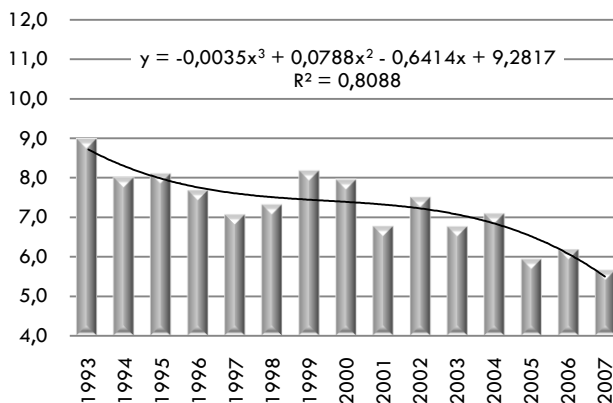
Year	Infant mortality rate	Neonatal mortality rate	Post neonatal mortality rate	Perinatal mortality rate
1993	✗ 8,84	✗ 6,08	✗ 2,76	✗ 8,97
1994	✗ 9,42	✗ 6,00	✗ 3,42	✗ 8,00
1995	✗ 9,56	✗ 6,76	✗ 2,80	✗ 8,10
1996	✗ 9,53	✗ 6,16	✗ 3,37	✗ 7,68
1997	✗ 7,97	✗ 4,70	✗ 3,27	✗ 7,07
1998	✗ 8,13	✗ 4,89	✗ 3,25	✗ 7,32
1999	✗ 7,56	✗ 4,47	✗ 3,09	✗ 8,17
2000	✗ 7,17	✗ 4,61	✗ 2,56	✗ 7,95
2001	✓ 5,43	✓ 3,48	✓ 1,94	✗ 6,78
2002	✗ 8,02	✗ 5,20	✗ 2,82	✗ 7,50
2003	✓ 6,99	✓ 3,93	✗ 3,06	✗ 6,77
2004	✓ 6,32	✓ 3,87	✗ 2,45	✗ 7,09
2005	✓ 6,31	✓ 3,59	✗ 2,72	✗ 5,95
2006	✓ 5,76	✓ 3,01	✗ 2,75	✗ 6,19
2007	✓ 5,47	✓ 3,09	✗ 2,38	✗ 5,67

✗ if the value is \geq (maximum - 25% from variance)
 ✗ in other case
 ✓ if the value is \leq (minimum + 25% from variance)

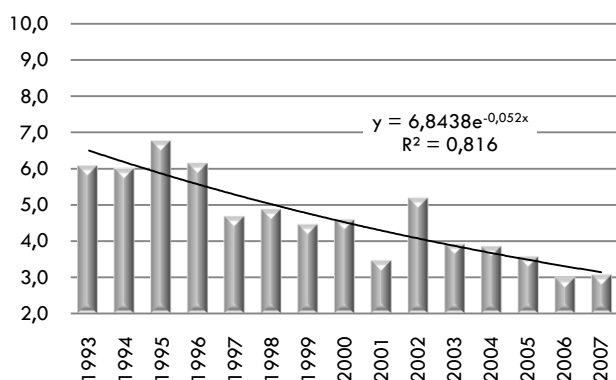
Infant mortality rate, females



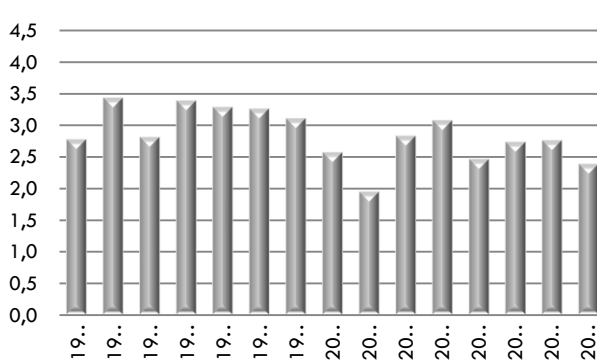
Perinatal mortality rate, females



Neonatal mortality rate, females



Post neonatal mortality rate, females



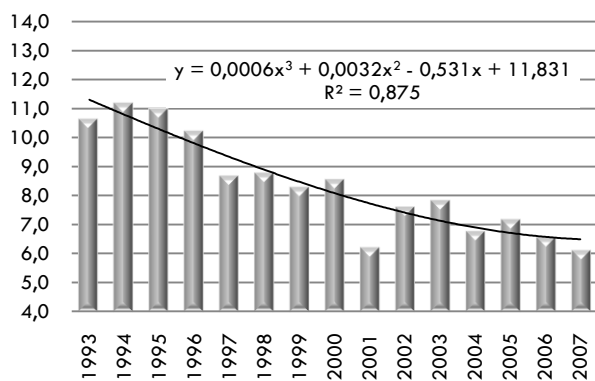
- Favourable development of the infant mortality rate up to year 2001 was disrupted by the rise of neonatal mortality in year 2002.

Mortality during the first year of life, both sexes

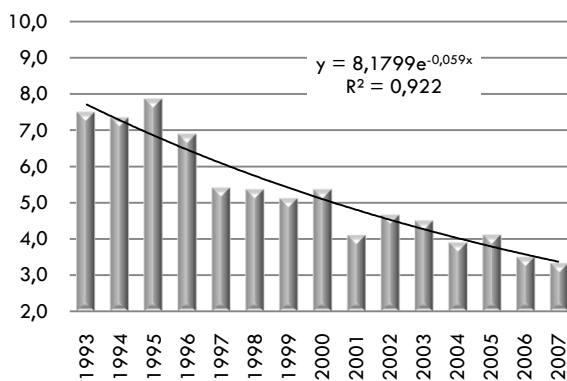
Year	Infant mortality rate	Neonatal mortality rate	Post neonatal mortality rate	Perinatal mortality rate
1993	✗	✗	⚠	✗
1994	✗	✗	✗	✗
1995	✗	✗	⚠	✗
1996	✗	✗	⚠	⚠
1997	⚠	⚠	⚠	⚠
1998	⚠	⚠	⚠	⚠
1999	⚠	⚠	⚠	⚠
2000	⚠	⚠	⚠	⚠
2001	✓	✓	✓	⚠
2002	⚠	⚠	⚠	⚠
2003	⚠	✓	⚠	⚠
2004	✓	✓	⚠	✓
2005	✓	✓	⚠	✓
2006	✓	✓	⚠	✓
2007	✓	✓	⚠	✓

✗ if the value is \geq (maximum - 25% from variance)
 ⚠ in other case
 ✓ if the value is \leq (minimum + 25% from variance)

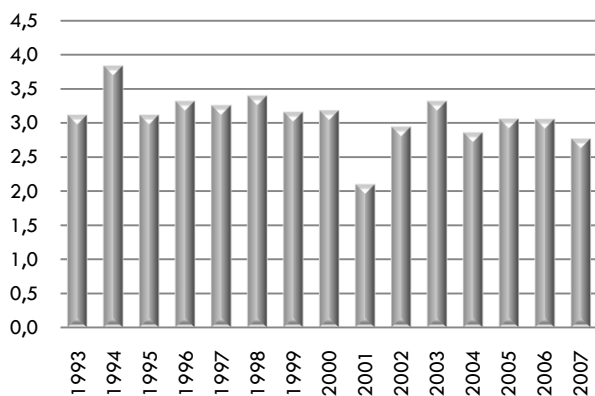
Infant mortality rate, both sexes



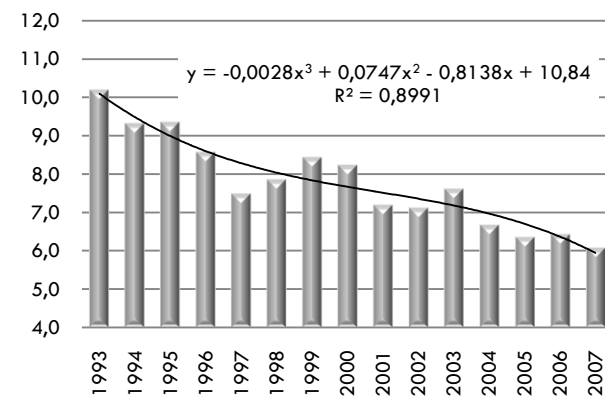
Neonatal mortality rate, both sexes



Post neonatal mortality rate, both sexes



Perinatal mortality rate, both sexes



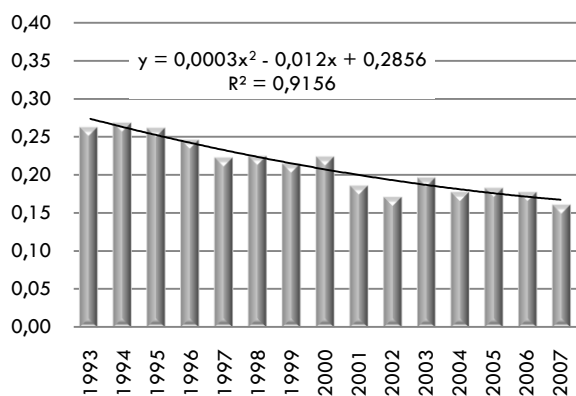
- Infant mortality rate is a synthesis of the infant mortality rate males and females.
- Development of infant mortality rate after 2002 failed to continue in the favorable development of 2001.
- Year 2003 shows also disturbances.

Standardized mortality rates¹ in selected ages, males

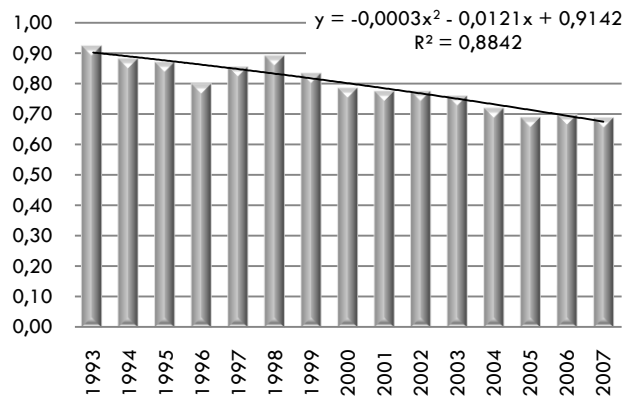
Year		0-14	15-44	45-64	65+
1993	✘	0,263 ✘	0,923 ✘	4,145 ⚠	8,201
1994	✘	0,269 ✘	0,882 ✘	4,050 ✘	8,719
1995	✘	0,262 ✘	0,869 ✘	4,050 ✘	8,892
1996	✘	0,247 ⚠	0,799 ⚠	3,923 ⚠	8,643
1997	⚠	0,223 ⚠	0,855 ⚠	3,871 ⚠	8,605
1998	⚠	0,225 ✘	0,891 ✘	3,971 ✘	8,721
1999	⚠	0,215 ⚠	0,834 ⚠	3,922 ⚠	8,437
2000	⚠	0,224 ⚠	0,785 ⚠	3,825 ⚠	8,439
2001	✔	0,187 ⚠	0,775 ⚠	3,758 ⚠	8,560
2002	✔	0,172 ⚠	0,775 ⚠	3,674 ⚠	8,335
2003	✔	0,197 ⚠	0,761 ⚠	3,604 ⚠	8,434
2004	✔	0,178 ⚠	0,720 ✔	3,436 ⚠	8,233
2005	✔	0,184 ✔	0,690 ✔	3,545 ⚠	8,304
2006	✔	0,178 ✔	0,698 ✔	3,393 ⚠	8,211
2007	✔	0,162 ✔	0,688 ✔	3,451 ✔	7,961

✘ if the value is \geq (maximum - 25% from variance)
 ⚠ in other case
 ✔ if the value is \leq (minimum + 25% from variance)

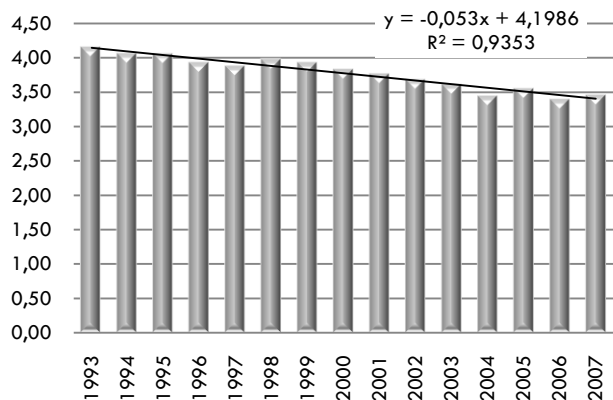
SMR at age 0-14, males



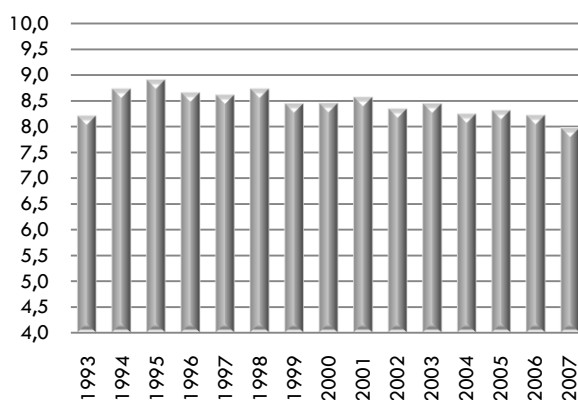
SMR at age 15-44, males



SMR at age 45-64, males



SMR at age 65 and more, males



- Mortality at ages 0-14 is significantly influenced by infant mortality.
- Mortality shows a worsening trend for ages 15 – 44 in the years 1997 and 1998.

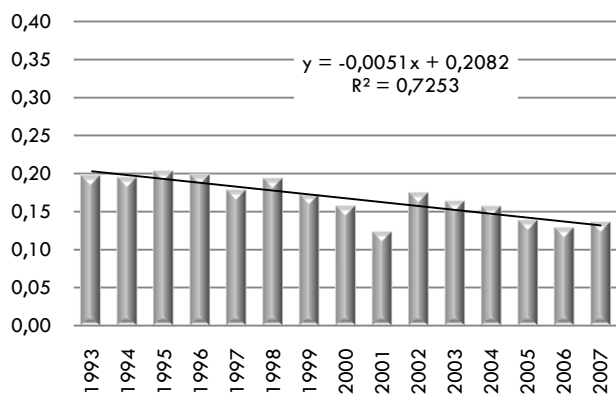
¹ European standard population (WHO), per 1000 persons.

Standardized mortality rates in selected ages, females

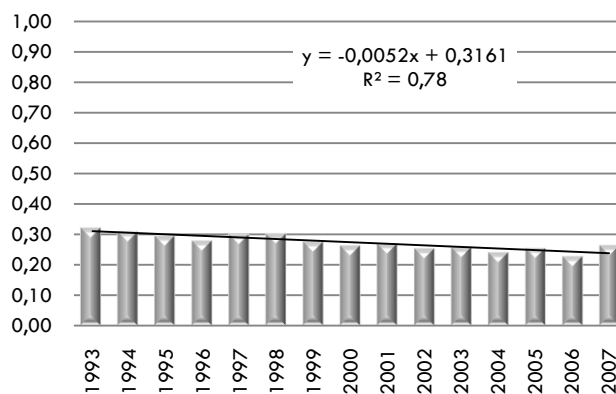
Year	0-14	15-44	45-64	65+	
1993	✗	0,197 ✗	0,321 ✗	1,542 ⚠	5,524
1994	✗	0,194 ✗	0,308 ✗	1,525 ✗	5,840
1995	✗	0,202 ⚠	0,295 ✗	1,546 ✗	5,941
1996	✗	0,198 ⚠	0,279 ⚠	1,458 ⚠	5,684
1997	⚠	0,178 ✗	0,301 ✗	1,502 ⚠	5,725
1998	✗	0,193 ✗	0,302 ⚠	1,447 ⚠	5,724
1999	⚠	0,172 ⚠	0,276 ⚠	1,438 ⚠	5,560
2000	⚠	0,157 ⚠	0,263 ⚠	1,361 ⚠	5,581
2001	✓	0,123 ⚠	0,269 ⚠	1,377 ⚠	5,596
2002	⚠	0,175 ⚠	0,253 ✓	1,325 ⚠	5,503
2003	⚠	0,164 ⚠	0,258 ✓	1,304 ⚠	5,565
2004	⚠	0,157 ✓	0,241 ✓	1,298 ⚠	5,398
2005	✓	0,139 ⚠	0,255 ✓	1,294 ⚠	5,447
2006	✓	0,129 ✓	0,229 ✓	1,279 ✓	5,258
2007	✓	0,136 ⚠	0,264 ✓	1,268 ✓	5,146

✗ if the value is \geq (maximum - 25% from variance)
 ⚠ in other case
 ✓ if the value is \leq (minimum + 25% from variance)

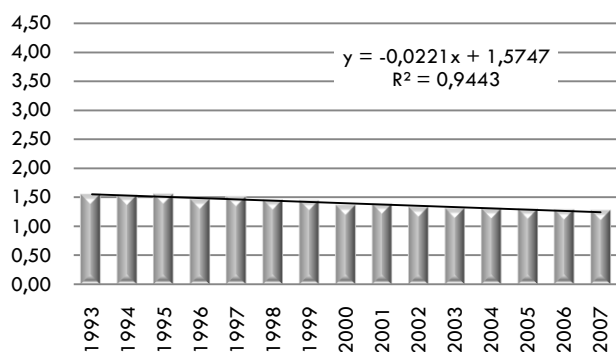
SMR at ages 0-14, females



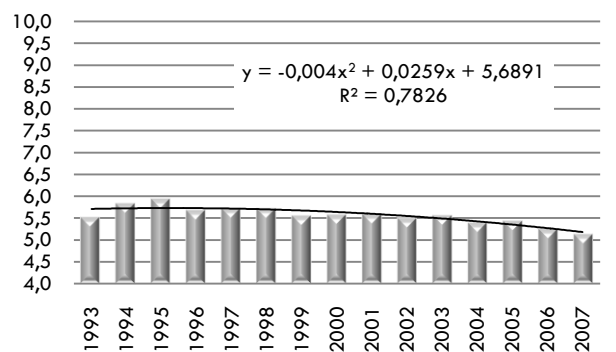
SMR at ages 15-44, females



SMR at ages 45-64, females



SMR at age 65 and more, females



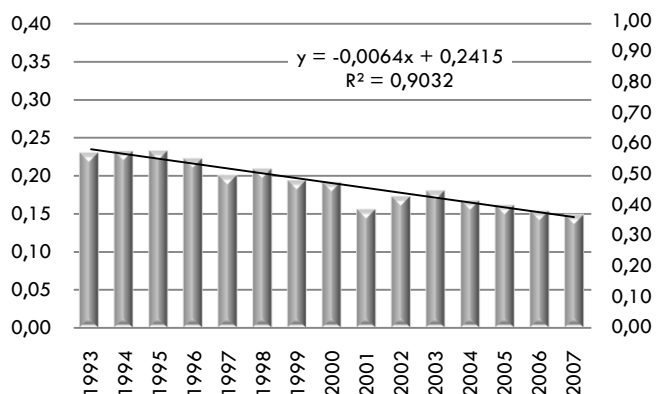
- Mortality at ages 0-14 was significantly influenced by infant mortality.
- Significantly lower mortality for females then for males at age 15 and more.

Standardized mortality rates in selected ages, both sexes

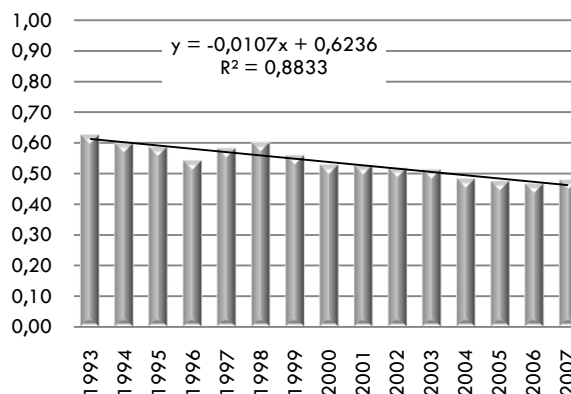
Year	0-14	15-44	45-64	65+	
1993	✗	0,231 ✗	0,625 ✗	2,743 ⚠	6,590
1994	✗	0,232 ✗	0,597 ✗	2,687 ✗	6,959
1995	✗	0,233 ✗	0,585 ✗	2,698 ✗	7,076
1996	✗	0,223 ⚠	0,541 ⚠	2,592 ⚠	6,824
1997	⚠	0,201 ⚠	0,580 ⚠	2,594 ⚠	6,832
1998	⚠	0,209 ✗	0,599 ⚠	2,613 ✗	6,875
1999	⚠	0,194 ⚠	0,557 ⚠	2,584 ⚠	6,663
2000	⚠	0,191 ⚠	0,527 ⚠	2,501 ⚠	6,677
2001	✓	0,156 ⚠	0,525 ⚠	2,455 ⚠	6,701
2002	⚠	0,173 ⚠	0,517 ⚠	2,417 ⚠	6,568
2003	⚠	0,181 ✓	0,512 ✓	2,377 ⚠	6,640
2004	✓	0,168 ✓	0,483 ✓	2,296 ✓	6,453
2005	✓	0,162 ✓	0,474 ✓	2,349 ⚠	6,516
2006	✓	0,154 ✓	0,466 ✓	2,273 ✓	6,357
2007	✓	0,149 ✓	0,479 ✓	2,296 ✓	6,196

✗ if the value is \geq (maximum - 25% from variance)
 ⚠ in other case
 ✓ if the value is \leq (minimum + 25% from variance)

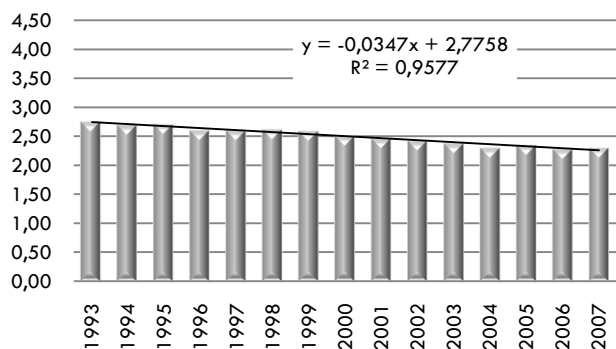
SMR at ages 0-14, both sexes



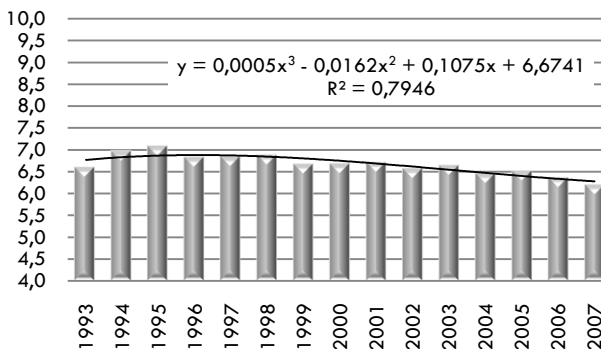
SMR at ages 15-44, both sexes



SMR at ages 45-64, both sexes



SMR at age 65 and more, both sexes



- Synthesis of mortality development for males and females.

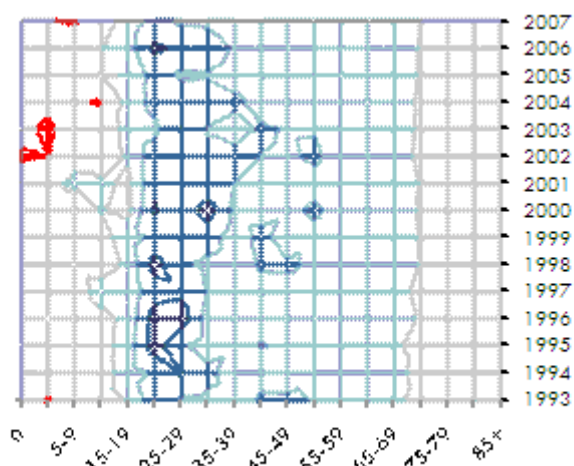
Age specific mortality rates, males

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
0	12,1	12,3	12,0	10,9	9,4	9,3	9,0	9,9	6,9	7,2	8,8	7,4	8,1	7,4	6,8
1-4	0,5	0,5	0,4	0,5	0,5	0,6	0,5	0,5	0,5	0,3	0,4	0,5	0,4	0,4	0,4
5-9	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,2	0,3	0,3	0,2	0,2	0,3	0,3	0,2
10-14	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,2	0,3	0,2	0,1	0,2	0,2
15-19	0,7	0,8	0,8	0,7	0,8	0,7	0,6	0,6	0,5	0,6	0,6	0,6	0,5	0,5	0,6
20-24	1,3	1,1	1,1	1,1	1,2	1,2	1,1	1,1	0,9	1,0	0,9	0,9	0,9	0,9	0,9
25-29	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,3	1,2	1,2	1,2	1,1	1,0	1,0	0,9
30-34	1,7	1,8	1,7	1,6	1,7	1,8	1,7	1,7	1,7	1,5	1,4	1,4	1,4	1,4	1,4
35-39	2,9	2,7	2,7	2,4	2,7	2,7	2,5	2,4	2,5	2,4	2,5	2,3	2,3	2,3	2,2
40-44	5,2	4,8	4,8	4,3	4,6	5,1	4,8	4,2	4,2	4,3	4,3	4,0	3,7	3,7	3,9
45-49	8,4	7,8	7,6	7,4	7,4	7,9	7,3	7,3	7,1	7,3	7,3	6,5	7,1	6,9	6,8
50-54	13,4	12,6	12,6	12,1	12,6	12,2	12,4	12,2	11,4	11,6	11,3	10,9	11,0	10,8	10,7
55-59	19,3	19,2	19,1	18,3	18,4	18,9	18,4	17,6	17,5	17,5	17,2	15,9	16,9	15,9	16,4
60-64	29,4	29,3	29,8	29,1	27,4	28,5	28,7	28,1	28,2	26,0	25,4	25,2	25,3	24,0	24,9
65-69	41,8	43,0	42,3	42,2	41,1	42,1	40,8	41,2	40,5	38,9	38,9	36,5	36,8	36,7	35,7
70-74	61,8	61,9	62,6	63,4	63,5	63,1	60,2	60,6	59,9	55,7	55,6	55,7	55,2	55,1	52,4
75-79	83,7	85,5	88,8	82,6	86,2	89,6	90,0	87,6	83,7	84,5	85,2	84,6	84,2	85,1	82,8
80-84	126,0	135,5	133,3	136,3	131,0	137,4	127,3	126,8	127,8	123,9	126,3	127,7	133,8	128,4	130,4
85+	174,0	207,6	221,1	204,0	202,5	197,8	192,6	195,3	219,1	217,5	224,4	213,3	215,6	210,0	199,9

Age specific mortality rates, females

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
0	8,6	9,1	9,3	9,4	8,0	8,1	7,5	7,1	5,3	8,1	7,1	6,5	6,4	5,8	5,5
1-4	0,5	0,4	0,4	0,3	0,4	0,6	0,3	0,3	0,3	0,3	0,5	0,4	0,3	0,3	0,4
5-9	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,1	0,2	0,1	0,2	0,1	0,2	0,2
10-14	0,2	0,2	0,2	0,2	0,1	0,2	0,2	0,1	0,1	0,2	0,2	0,2	0,1	0,1	0,1
15-19	0,4	0,3	0,3	0,3	0,3	0,3	0,2	0,3	0,3	0,3	0,3	0,3	0,3	0,2	0,2
20-24	0,4	0,3	0,2	0,3	0,3	0,3	0,3	0,3	0,2	0,3	0,3	0,3	0,3	0,2	0,3
25-29	0,4	0,3	0,4	0,3	0,3	0,4	0,4	0,4	0,4	0,4	0,3	0,3	0,3	0,3	0,3
30-34	0,6	0,6	0,7	0,6	0,6	0,6	0,5	0,4	0,5	0,5	0,5	0,4	0,5	0,4	0,5
35-39	1,1	1,1	1,0	1,0	1,1	1,0	1,0	0,9	0,8	0,7	0,9	0,7	0,9	0,8	0,9
40-44	1,7	1,7	1,6	1,6	1,7	1,7	1,5	1,5	1,6	1,5	1,4	1,5	1,4	1,4	1,6
45-49	2,7	2,8	2,6	2,7	2,7	2,6	2,8	2,5	2,7	2,5	2,5	2,6	2,6	2,4	2,7
50-54	4,5	4,3	4,8	4,1	4,6	4,2	4,3	4,0	4,0	3,8	3,8	3,8	3,9	4,1	3,6
55-59	7,7	7,1	7,0	6,8	7,3	6,9	6,8	6,2	6,5	6,5	6,4	6,5	6,0	6,1	6,2
60-64	11,5	12,0	12,2	11,5	11,1	11,1	10,7	10,7	10,3	10,0	9,6	9,2	9,6	9,3	9,0
65-69	20,0	19,3	20,4	19,6	19,2	19,1	18,2	17,8	17,2	17,3	17,1	16,9	15,8	15,5	15,4
70-74	33,5	34,9	34,4	32,3	33,3	31,8	30,6	31,3	30,5	29,4	29,2	28,9	28,2	28,3	26,3
75-79	58,5	57,4	56,7	55,6	56,0	57,3	57,9	56,3	55,1	53,4	53,3	52,1	51,0	50,5	50,0
80-84	94,1	100,3	105,1	99,4	102,0	103,6	95,2	97,9	91,7	90,1	92,8	93,8	95,4	93,0	94,1
85+	161,0	187,0	190,8	182,8	181,7	182,2	180,3	182,5	197,4	195,8	201,1	187,7	199,2	185,0	180,2

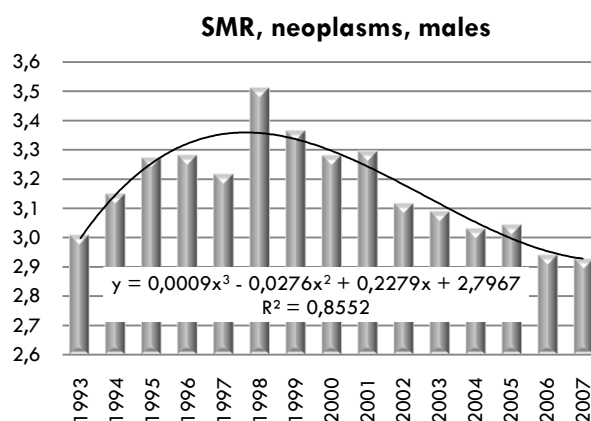
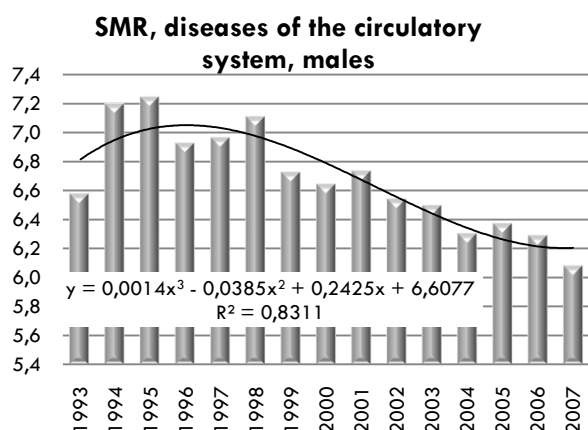
Excess mortality (in %)



Excess female mortality is shown in red colour, excess male mortality in other colour.

Standardized mortality rates for selected causes of death, males

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Infectious and parasitic diseases	0,052	0,070	0,051	0,053	0,052	0,029	0,040	0,046	0,047	0,054	0,071	0,062	0,052	0,060	0,062
Neoplasms	3,010	3,150	3,273	3,282	3,217	3,511	3,365	3,281	3,295	3,118	3,091	3,032	3,046	2,943	2,930
Malignant neoplasms	2,982	3,124	3,246	3,260	3,182	3,499	3,356	3,266	3,281	3,099	3,075	3,010	3,030	2,922	2,911
Endocrine, nutritional and metabolic diseases	0,177	0,157	0,154	0,141	0,133	0,150	0,223	0,156	0,163	0,153	0,162	0,144	0,146	0,138	0,137
Diabetes mellitus	0,169	0,144	0,140	0,128	0,123	0,141	0,211	0,148	0,155	0,145	0,157	0,135	0,136	0,127	0,122
Diseases of the nervous system	0,076	0,077	0,059	0,056	0,068	0,106	0,138	0,131	0,145	0,141	0,151	0,150	0,152	0,159	0,166
Diseases of the circulatory system	6,576	7,194	7,240	6,924	6,962	7,105	6,724	6,643	6,735	6,541	6,498	6,306	6,373	6,293	6,084
Hypertensive diseases	0,313	0,273	0,306	0,244	0,275	0,389	0,589	0,744	0,743	0,692	0,695	0,652	0,666	0,581	0,290
Ischemic heart diseases	3,418	4,006	3,866	3,712	3,681	3,554	3,516	3,671	3,681	3,572	3,645	3,523	3,381	3,160	3,374
Cerebrovascular diseases	1,181	1,268	1,196	1,149	1,146	1,208	1,057	1,038	1,072	1,084	1,063	1,008	0,911	0,853	1,074
Atherosclerosis	0,972	0,889	1,119	1,139	1,138	1,029	0,891	0,530	0,571	0,535	0,446	0,468	0,785	1,118	0,585
Diseases of the respiratory system	1,072	0,965	0,988	1,013	0,961	0,675	0,740	0,804	0,781	0,796	0,867	0,823	0,842	0,770	0,827
Diseases of the digestive system	0,749	0,727	0,709	0,652	0,647	0,743	0,764	0,786	0,749	0,776	0,739	0,691	0,705	0,749	0,750
Diseases of the genitourinary system	0,247	0,190	0,209	0,180	0,176	0,174	0,188	0,175	0,174	0,184	0,175	0,169	0,155	0,149	0,153
Abnormal findings	0,124	0,108	0,086	0,092	0,097	0,098	0,118	0,133	0,101	0,119	0,157	0,138	0,173	0,162	0,156
External causes of deaths	1,195	1,097	1,108	1,060	1,111	1,077	0,976	0,972	0,970	0,954	0,956	0,932	0,949	0,934	0,889
Transport accidents	0,291	0,269	0,283	0,257	0,321	0,333	0,261	0,260	0,248	0,226	0,248	0,226	0,222	0,234	0,228
Intentional self harm	0,262	0,244	0,254	0,231	0,215	0,228	0,236	0,233	0,227	0,239	0,249	0,211	0,219	0,174	0,162
Other causes of deaths	0,253	0,185	0,196	0,159	0,132	0,139	0,131	0,147	0,118	0,119	0,130	0,121	0,130	0,123	0,109

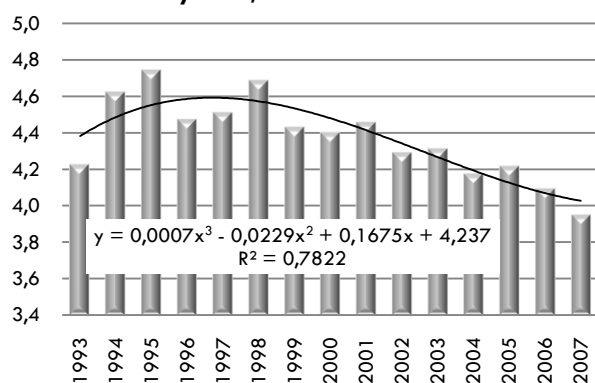


- Mortality is concentrated into five main categories of causes of death: diseases of circulatory system, neoplasms, external causes of deaths, diseases of respiratory and digestive systems.
- Significant difference in mortality caused by diseases of the circulatory system before and after 1999.
- Significant increase of neoplasms mortality in 1998.

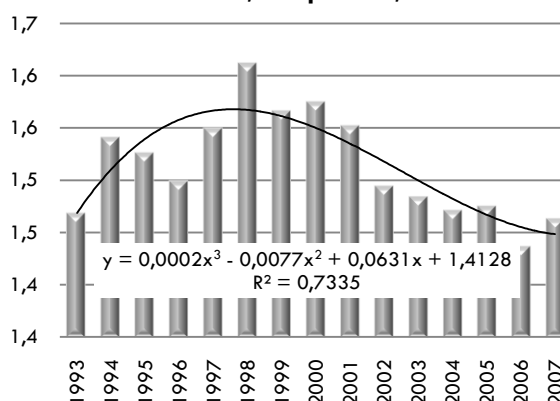
Standardized mortality rates for selected causes of death, females

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Infectious and parasitic diseases														
0,029	0,026	0,025	0,026	0,030	0,020	0,018	0,024	0,027	0,026	0,035	0,026	0,033	0,040	0,041
Neoplasms														
1,469	1,542	1,527	1,500	1,550	1,612	1,566	1,575	1,552	1,495	1,485	1,472	1,476	1,438	1,464
Malignant neoplasms														
1,459	1,525	1,502	1,485	1,531	1,603	1,561	1,566	1,544	1,489	1,478	1,459	1,465	1,427	1,450
Endocrine, nutritional and metabolic diseases														
0,140	0,126	0,135	0,115	0,118	0,148	0,185	0,137	0,136	0,126	0,132	0,132	0,118	0,121	0,106
Diabetes mellitus														
0,136	0,115	0,123	0,105	0,111	0,138	0,173	0,130	0,129	0,119	0,125	0,123	0,111	0,116	0,095
Diseases of the nervous system														
0,051	0,048	0,037	0,030	0,038	0,065	0,069	0,068	0,078	0,082	0,092	0,082	0,097	0,087	0,105
Diseases of the circulatory system														
4,230	4,625	4,744	4,476	4,512	4,688	4,433	4,403	4,459	4,294	4,315	4,179	4,220	4,097	3,956
Hypertensive diseases														
0,302	0,248	0,276	0,227	0,252	0,294	0,476	0,561	0,580	0,552	0,533	0,515	0,504	0,446	0,211
Ischemic heart diseases														
1,914	2,309	2,199	2,123	2,128	2,182	2,193	2,344	2,315	2,259	2,327	2,231	2,210	1,975	2,157
Cerebrovascular diseases														
0,852	0,921	0,947	0,834	0,825	0,848	0,735	0,716	0,739	0,729	0,739	0,721	0,627	0,586	0,710
Atherosclerosis														
0,741	0,682	0,824	0,837	0,846	0,725	0,614	0,381	0,406	0,344	0,300	0,291	0,507	0,707	0,421
Diseases of the respiratory system														
0,601	0,527	0,557	0,563	0,575	0,316	0,336	0,375	0,357	0,386	0,406	0,364	0,375	0,354	0,349
Diseases of the digestive system														
0,304	0,278	0,270	0,265	0,273	0,289	0,317	0,285	0,308	0,335	0,312	0,328	0,336	0,322	0,338
Diseases of the genitourinary system														
0,160	0,123	0,136	0,130	0,120	0,118	0,123	0,093	0,102	0,105	0,111	0,108	0,101	0,087	0,096
Abnormal findings														
0,106	0,061	0,059	0,048	0,053	0,048	0,051	0,051	0,043	0,059	0,076	0,071	0,061	0,052	0,060
External causes of deaths														
0,344	0,372	0,345	0,333	0,331	0,236	0,228	0,223	0,208	0,204	0,210	0,224	0,219	0,196	0,199
Transport accidents														
0,072	0,073	0,076	0,066	0,068	0,076	0,068	0,057	0,060	0,061	0,066	0,055	0,058	0,057	0,065
Intentional self harm														
0,043	0,041	0,046	0,038	0,038	0,031	0,036	0,047	0,039	0,034	0,036	0,038	0,032	0,023	0,024
Other causes of deaths														
0,149	0,140	0,149	0,134	0,107	0,127	0,119	0,127	0,095	0,144	0,120	0,107	0,099	0,100	0,100

SMR, diseases of the circulatory system, females



SMR, neoplasms, females



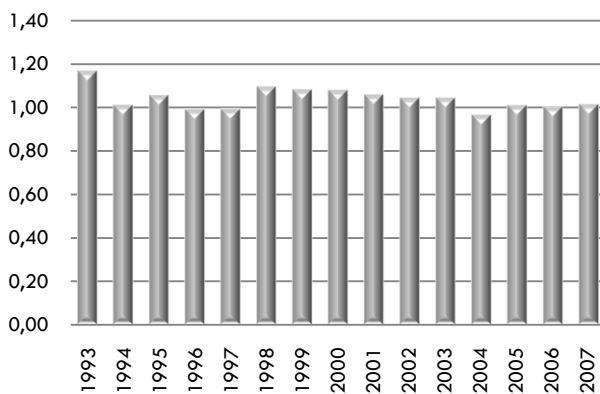
- Mortality is concentrated into five main categories of causes of death: diseases of circulatory system, neoplasms, external causes of deaths, diseases of respiratory and digestive system.
- Similar tendencies as for males in circulatory system diseases and neoplasms.

Standardized mortality rates for deaths induced directly or indirectly by drinking alcohol and smoking tobacco at age 35 and more.

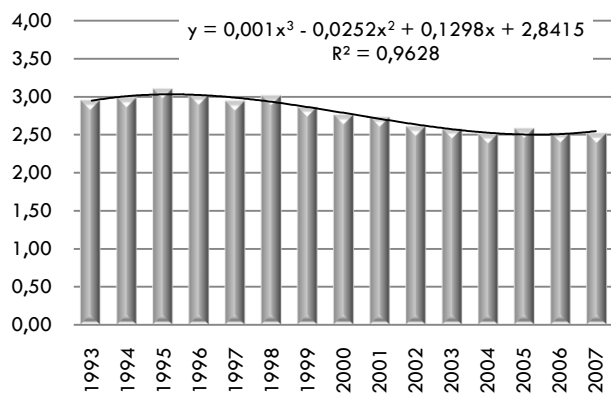
Year	Males		Females			
	Alcohol drinking	Smoking	Alcohol drinking	Smoking		
1993	✗	1,168	✗	2,942	0,359	0,684
1994	✓	1,012	✗	2,978	0,311	0,714
1995	⚠	1,055	✗	3,097	0,315	0,725
1996	✓	0,990	✗	3,013	0,285	0,696
1997	✓	0,993	⚠	2,934	0,306	0,699
1998	⚠	1,094	✗	3,007	0,303	0,716
1999	⚠	1,082	⚠	2,857	0,305	0,662
2000	⚠	1,079	⚠	2,752	0,289	0,656
2001	⚠	1,058	⚠	2,725	0,311	0,631
2002	⚠	1,043	✓	2,602	0,324	0,609
2003	⚠	1,044	✓	2,569	0,299	0,630
2004	✓	0,966	✓	2,505	0,309	0,609
2005	✓	1,010	✓	2,577	0,304	0,618
2006	✓	1,003	✓	2,519	0,287	0,602
2007	✓	1,014	✓	2,515	0,290	0,624

✗ if the value is \geq (maximum - 25% from variance)
 ⚠ in other case
 ✓ if the value is \leq (minimum + 25% from variance)

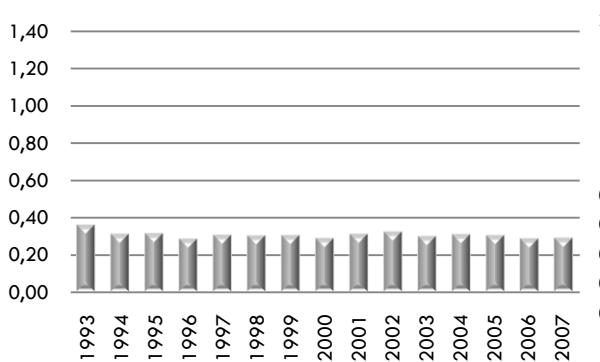
SMR, alcohol drinking, males



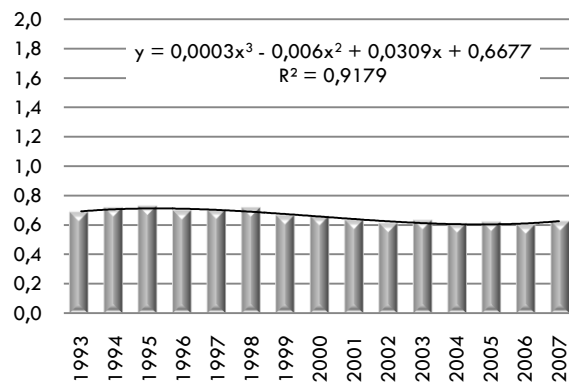
SMR, smoking, males



SMR, alcohol drinking, females



SMR, smoking, females



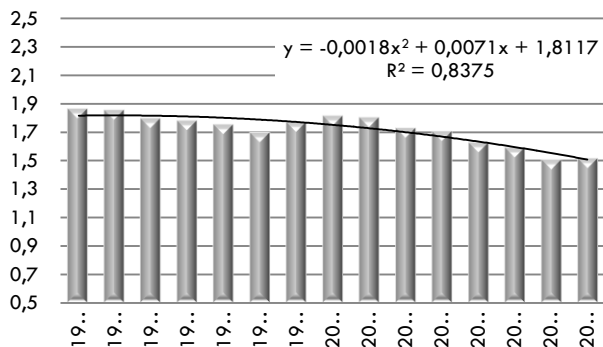
- Significant excess male's mortality in both cases.
- No significant changes.

Standardized avoidable mortality rates at ages 0-74, males

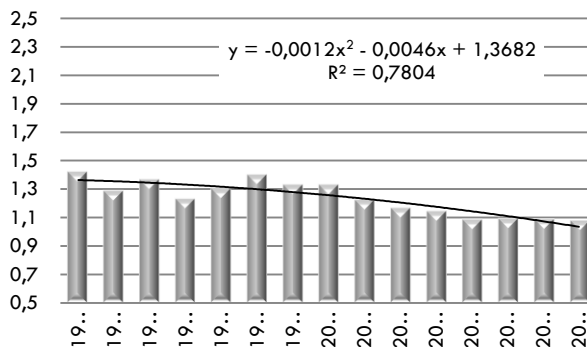
Year	Treatable mortality	Reventable mortality	Ischeamic heart diseases	Total (avoidable mortality)
1993	1,860	1,418	2,070	5,348
1994	1,851	1,284	2,202	5,338
1995	1,793	1,363	2,143	5,299
1996	1,778	1,228	2,072	5,078
1997	1,750	1,301	2,020	5,071
1998	1,695	1,396	1,840	4,931
1999	1,767	1,327	1,789	4,883
2000	1,810	1,327	1,833	4,971
2001	1,800	1,223	1,713	4,736
2002	1,726	1,165	1,646	4,537
2003	1,704	1,143	1,617	4,463
2004	1,625	1,085	1,534	4,243
2005	1,588	1,090	1,488	4,166
2006	1,506	1,087	1,431	4,024
2007	1,514	1,077	1,514	4,026

✘ if the value is \geq (maximum - 25% from variance)
! in other case
✔ if the value is \leq (minimum + 25% from variance)

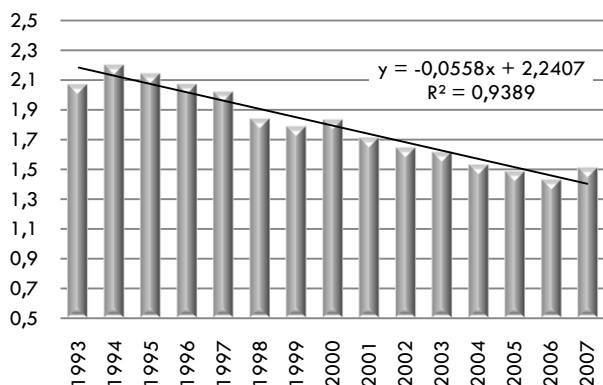
SMR, treatable mortality, males



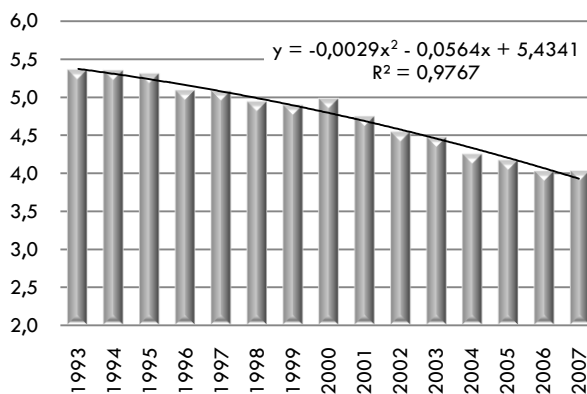
SMR, preventable mortality, males



SMR, ischaemic heart diseases, males



SMR, avoidable mortality, males



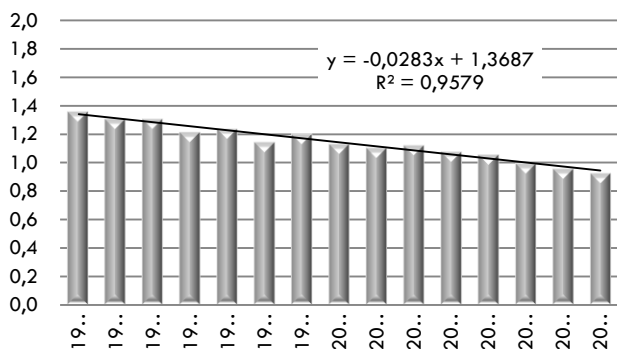
- Declining rate of avoidable mortality indicates a positive influence of the health care system.
- From the avoidable mortality components the largest value is shown in mortality from ischaemic heart diseases up to year 2000. From year 2001 it is a treatable cause of mortality.

Standardized avoidable mortality rates at ages 0-74, females

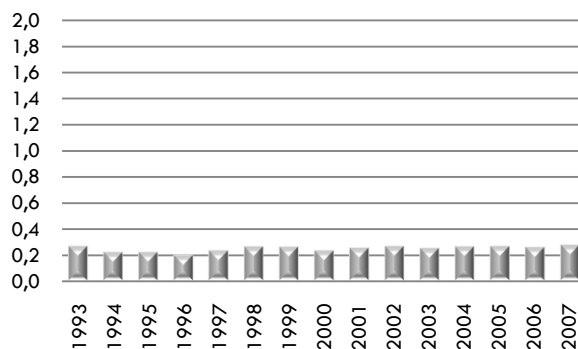
Year	Treatable mortality	Reventable mortality	Ischeamic heart diseases	Total (avoidable mortality)
1993	1,358	0,262	0,786	2,407
1994	1,306	0,219	0,842	2,367
1995	1,306	0,218	0,855	2,379
1996	1,214	0,198	0,807	2,219
1997	1,236	0,231	0,833	2,300
1998	1,144	0,261	0,725	2,130
1999	1,201	0,259	0,686	2,146
2000	1,131	0,230	0,728	2,088
2001	1,105	0,250	0,660	2,015
2002	1,122	0,264	0,643	2,028
2003	1,078	0,247	0,637	1,962
2004	1,056	0,260	0,602	1,918
2005	0,994	0,263	0,584	1,841
2006	0,958	0,256	0,554	1,768
2007	0,926	0,274	0,582	1,782

✘ if the value is \geq (maximum - 25% from variance)
! in other case
✔ if the value is \leq (minimum + 25% from variance)

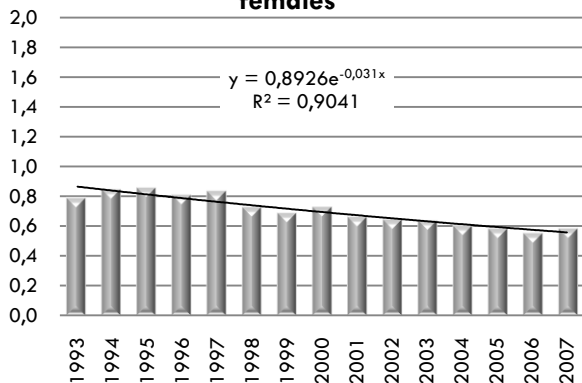
SMR, treatable mortality, females



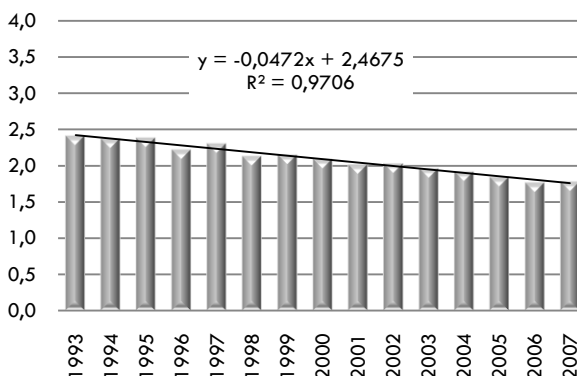
SMR, preventable mortality, females



SMR, ischaemic heart diseases, females



SMR avoidable mortality, females



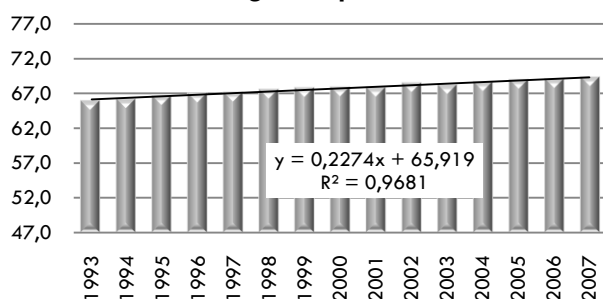
- Declining rate of avoidable mortality indicates a positive influence of the health care system.
- From the avoidable mortality components the largest value is shown in the treatable mortality.
- Very low volume of preventable mortality.

Median age at selected causes of death, males

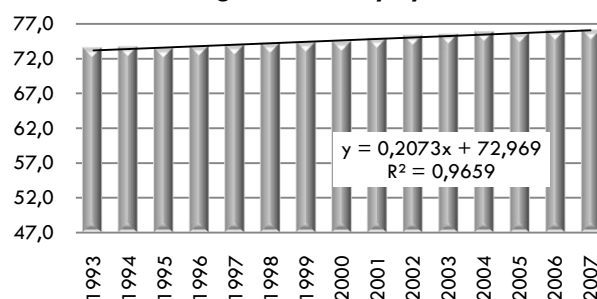
Year	Neoplasms	Circulatory system	Respiratory system	Digestive system	External causes	Other causes
1993	✗ 65,9 ✗	73,5 ⚠	75,4 ✗	60,5 ⚠	50,1 ✓	66,6
1994	✗ 66,1 ✗	73,6 ✗	74,4 ✗	60,7 ✓	50,7 ⚠	63,8
1995	✗ 66,6 ✗	73,4 ⚠	74,9 ✗	60,9 ⚠	50,2 ⚠	63,7
1996	⚠ 67,0 ✗	73,7 ⚠	75,1 ⚠	62,3 ⚠	49,9 ⚠	62,8
1997	⚠ 67,1 ✗	73,9 ⚠	75,1 ✗	60,8 ⚠	49,3 ⚠	62,8
1998	⚠ 67,5 ⚠	74,1 ✗	73,8 ✗	60,3 ✗	47,4 ✗	61,2
1999	⚠ 67,8 ⚠	74,3 ⚠	75,4 ✗	60,7 ⚠	49,1 ⚠	63,4
2000	⚠ 67,9 ⚠	74,4 ✓	75,6 ⚠	61,5 ⚠	48,8 ⚠	62,7
2001	⚠ 67,8 ⚠	74,8 ⚠	75,1 ⚠	61,8 ⚠	48,8 ⚠	63,7
2002	✓ 68,4 ⚠	75,2 ✓	75,9 ⚠	62,0 ⚠	49,6 ⚠	64,2
2003	⚠ 68,2 ✓	75,4 ✓	75,9 ⚠	62,0 ⚠	48,9 ⚠	64,7
2004	✓ 68,6 ✓	75,7 ✓	75,9 ✓	63,3 ⚠	50,4 ✓	65,5
2005	✓ 68,9 ✓	75,6 ⚠	75,2 ✓	62,9 ✓	51,4 ⚠	64,2
2006	✓ 69,0 ✓	75,9 ✓	75,6 ✓	62,8 ✓	51,2 ⚠	63,8
2007	✓ 69,3 ✓	76,0 ✓	75,9 ⚠	61,7 ✓	51,5 ✓	65,6

✗ if the value is \leq (minimum + 25% from variance)
 ⚠ in other case
 ✓ if the value is \geq (maximum - 25% from variance)

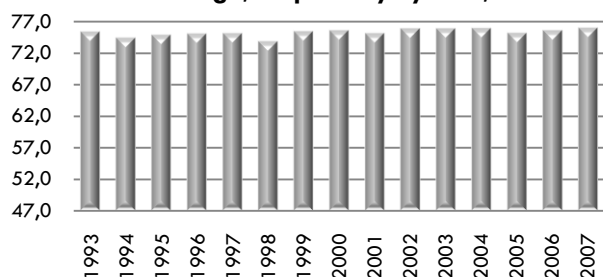
Median age, neoplasms, males



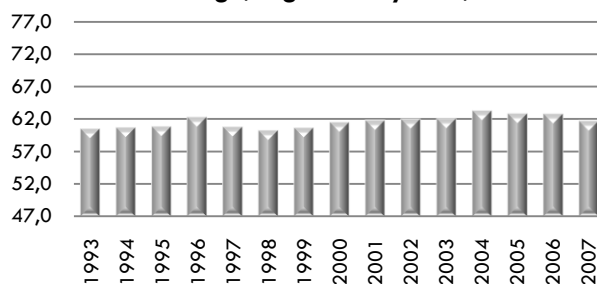
Median age, circulatory system, males



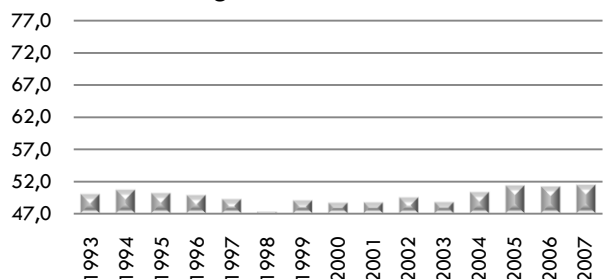
Median age, respiratory system, males



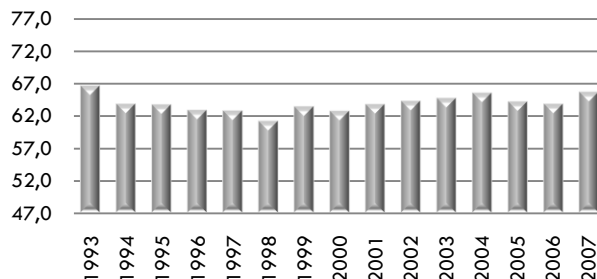
Median age, digestive system, males



Median age, external causes, males



Median age, other causes, males



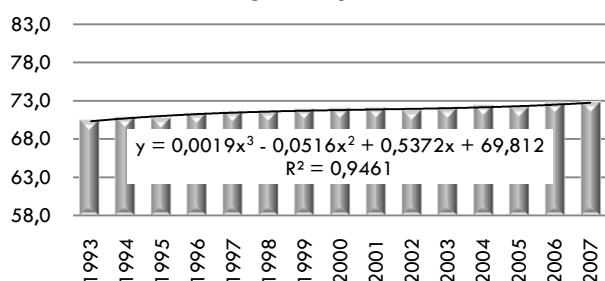
- Increase of median age at main causes of death.
- Low median age at external causes of death.

Median age at selected causes of death, females

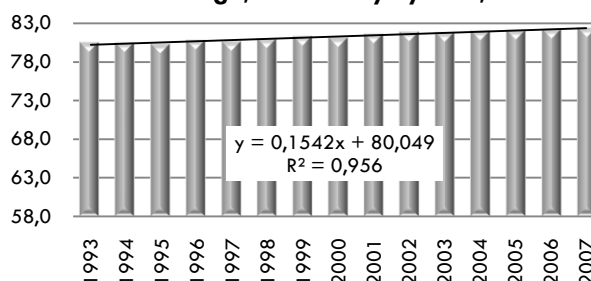
Year	Neoplasms	Circulatory system	Respiratory system	Digestive system	External causes	Other causes	
1993	✗	70,4 ✗	80,4 ⚠	81,3 ✗	72,3 ✓	77,8 ✓	75,4
1994	✗	70,8 ✗	80,4 ✗	80,5 ⚠	72,7 ✓	77,3 ✗	72,0
1995	✗	70,7 ✗	80,2 ✗	80,3 ✗	71,9 ✓	75,3 ✗	71,3
1996	⚠	71,3 ✗	80,7 ✗	80,8 ✓	73,7 ✓	76,8 ✗	71,4
1997	⚠	71,5 ✗	80,6 ⚠	81,0 ✗	72,3 ✓	75,7 ✗	71,1
1998	⚠	71,6 ⚠	80,9 ⚠	81,3 ✗	72,2 ✗	58,9 ✗	72,0
1999	⚠	71,8 ⚠	81,2 ⚠	81,8 ⚠	72,6 ✗	61,9 ⚠	72,9
2000	⚠	72,0 ⚠	81,1 ⚠	81,7 ✗	72,3 ⚠	63,8 ⚠	73,1
2001	⚠	72,0 ⚠	81,5 ⚠	81,9 ✗	72,2 ✗	58,9 ⚠	73,1
2002	⚠	71,7 ✓	81,8 ✓	82,1 ✗	72,2 ✗	58,9 ⚠	72,8
2003	⚠	71,9 ⚠	81,8 ✓	82,5 ✓	73,5 ✗	60,1 ⚠	73,3
2004	✓	72,3 ✓	82,0 ⚠	81,3 ✓	73,7 ✗	63,2 ✓	74,5
2005	⚠	72,1 ✓	82,0 ⚠	81,7 ✓	73,5 ✗	61,9 ✓	74,9
2006	✓	72,6 ✓	82,2 ⚠	81,1 ⚠	73,0 ⚠	65,2 ✓	74,9
2007	✓	72,8 ✓	82,3 ⚠	81,7 ✗	72,3 ✗	60,7 ✓	75,4

✗ if the value is \leq (minimum + 25% from variance)
 ⚠ in other case
 ✓ if the value is \geq (maximum - 25% from variance)

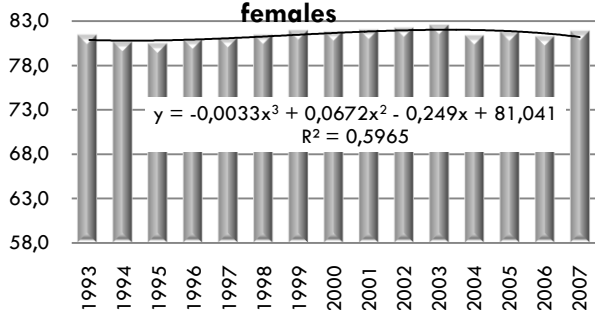
Median age, neoplasms, females



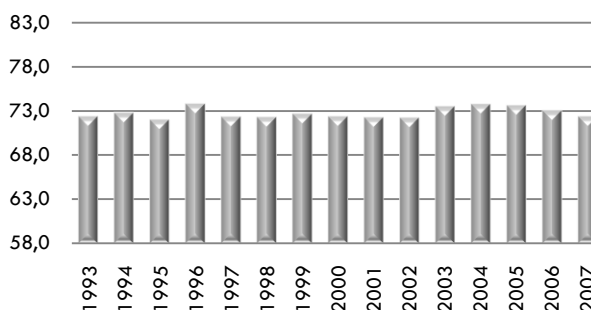
Median age, circulatory system, females



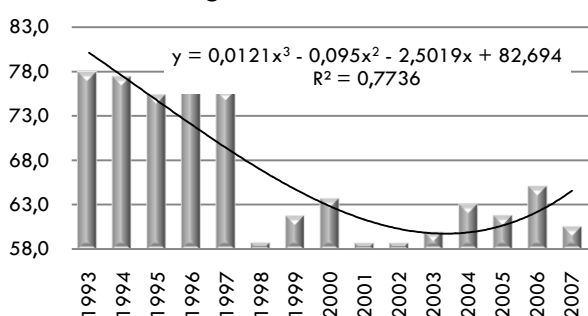
Median age, respiratory system, females



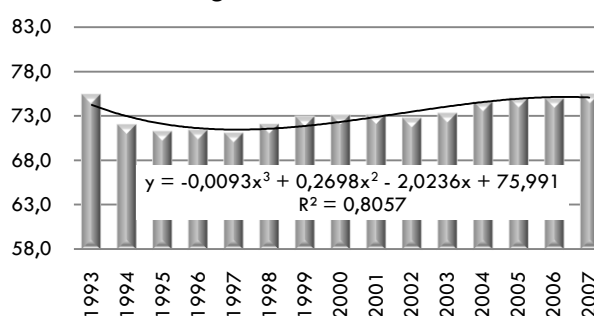
Median age, digestive system, females



Median age, external causes, females



Median age, other causes, females



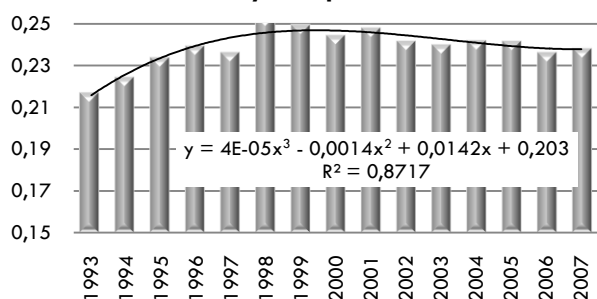
- Radical changes in external causes of death before and after 1998.

Probability that a newborn boy will die due to selected causes of death

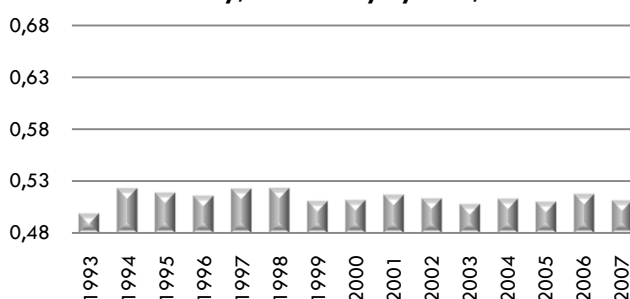
Year	Neoplasms	Circulatory system	Respiratory system	Digestive system	External causes	Other causes
1993	✓ 0,2171	✗ 0,4995	⚠ 0,0815	✗ 0,0524	✗ 0,0831	0,0663
1994	✓ 0,2246	✗ 0,5226	⚠ 0,0703	⚠ 0,0511	⚠ 0,0762	0,0552
1995	⚠ 0,2339	✗ 0,5185	⚠ 0,0695	⚠ 0,0489	⚠ 0,0762	0,0529
1996	⚠ 0,2394	✗ 0,5159	✓ 0,0756	⚠ 0,0465	✓ 0,0741	0,0485
1997	⚠ 0,2364	✗ 0,5224	✓ 0,0711	⚠ 0,0459	✓ 0,0774	0,0468
1998	✗ 0,2532	✓ 0,5230	⚠ 0,0490	⚠ 0,0520	✓ 0,0740	0,0489
1999	✗ 0,2494	✓ 0,5108	✗ 0,0565	✓ 0,0546	⚠ 0,0682	0,0605
2000	✗ 0,2445	⚠ 0,5119	✗ 0,0620	✓ 0,0569	⚠ 0,0679	0,0569
2001	✗ 0,2481	⚠ 0,5168	✗ 0,0587	✓ 0,0542	⚠ 0,0678	0,0544
2002	⚠ 0,2417	⚠ 0,5136	✗ 0,0632	✓ 0,0573	⚠ 0,0674	0,0568
2003	⚠ 0,2401	⚠ 0,5082	⚠ 0,0673	✓ 0,0544	✗ 0,0674	0,0626
2004	⚠ 0,2420	⚠ 0,5130	⚠ 0,0663	✓ 0,0525	⚠ 0,0664	0,0598
2005	⚠ 0,2418	⚠ 0,5102	⚠ 0,0673	✓ 0,0528	⚠ 0,0676	0,0603
2006	⚠ 0,2364	✗ 0,5173	✗ 0,0632	✓ 0,0565	⚠ 0,0670	0,0596
2007	⚠ 0,2383	⚠ 0,5116	✗ 0,0693	✓ 0,0568	⚠ 0,0641	0,0599

✗ if the value is \geq (maximum - 25% from variance)
 ⚠ in other case
 ✓ if the value is \leq (minimum + 25% from variance)

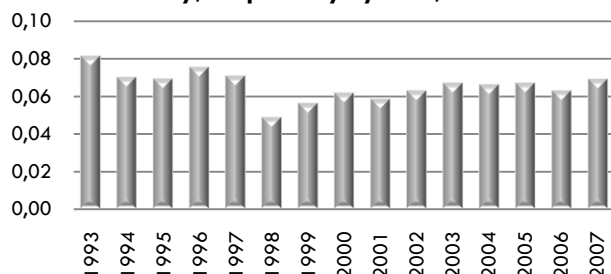
Probability, neoplasms, males



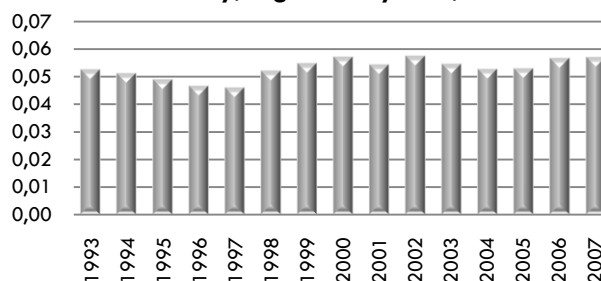
Probability, circulatory system, males



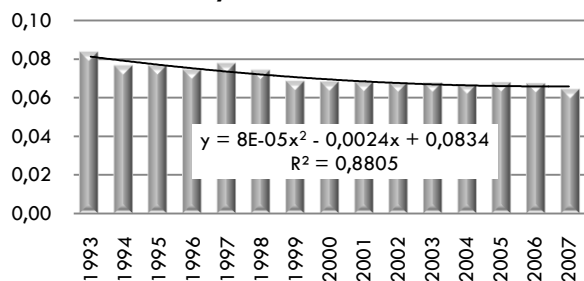
Probability, respiratory system, males



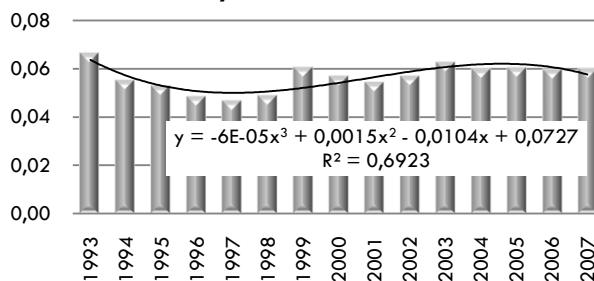
Probability, digestive system, males



Probability, external causes, males



Probability, other causes, males



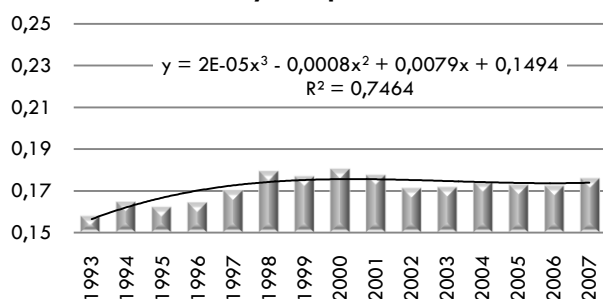
- Death resulting from circulatory system has the highest probability, followed by death resulting from neoplasms.

Probability that a newborn girl will die due to selected causes of death

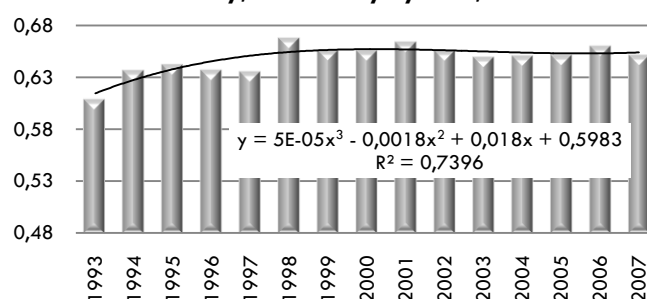
Year	Neoplasms	Circulatory system	Respiratory system	Digestive system	External causes	Other causes
1993	✓	✓	✗	⚠	✗	✗
1994	⚠	⚠	⚠	✗	⚠	⚠
1995	✓	⚠	⚠	✓	✗	⚠
1996	⚠	✗	✓	✗	✓	⚠
1997	⚠	✗	✓	✗	✓	⚠
1998	✗	✓	⚠	✓	⚠	⚠
1999	✗	✓	✓	✓	⚠	⚠
2000	✗	✓	✓	✓	⚠	⚠
2001	✗	✓	⚠	✓	✓	⚠
2002	⚠	⚠	✗	✓	⚠	⚠
2003	⚠	⚠	⚠	✓	⚠	⚠
2004	⚠	✓	✗	✓	⚠	⚠
2005	⚠	✓	✗	✓	⚠	⚠
2006	⚠	✓	✗	✓	⚠	⚠
2007	✗	⚠	✓	✓	⚠	⚠

✗ if the value is \geq (maximum - 25% from variance)
 ⚠ in other case
 ✓ if the value is \leq (minimum + 25% from variance)

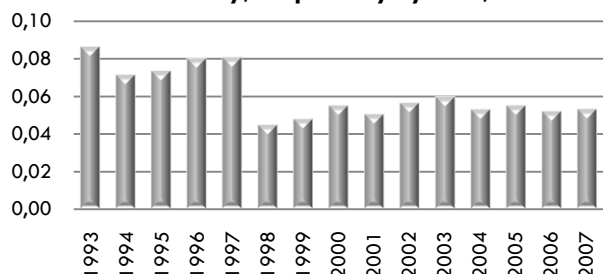
Probability, neoplasms, females



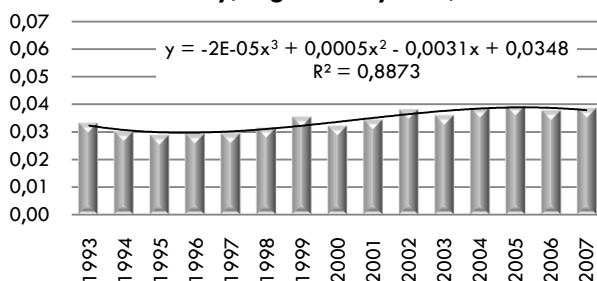
Probability, circulatory system, females



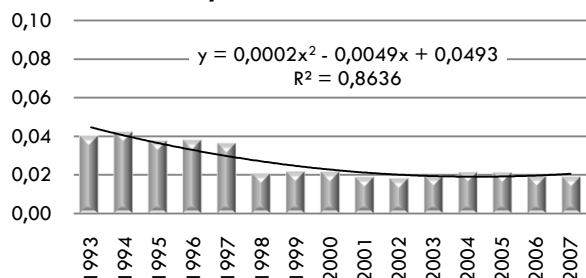
Probability, respiratory system, females



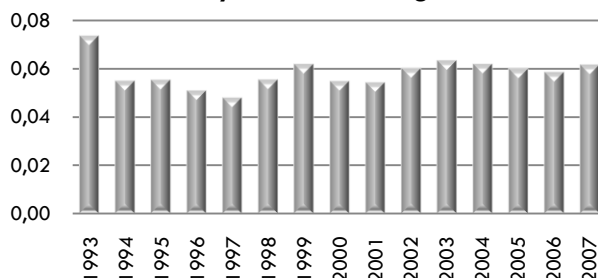
Probability, digestive system, females



Probability, external causes, females



Probability, other causes, females



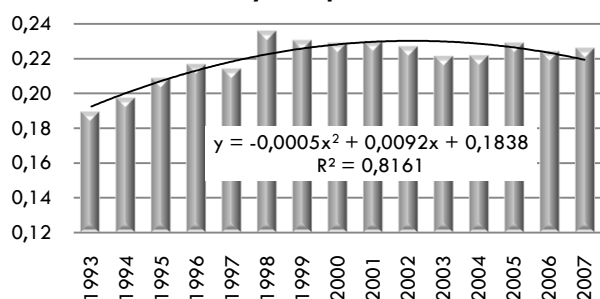
- Death due to circulatory system has the highest probability.
- Probability of death due to circulatory system for girls is higher than for boys. On the contrary, probability of death due to neoplasms is higher for boys than for girls.

Probability that male at age 65 will die due to selected causes of death

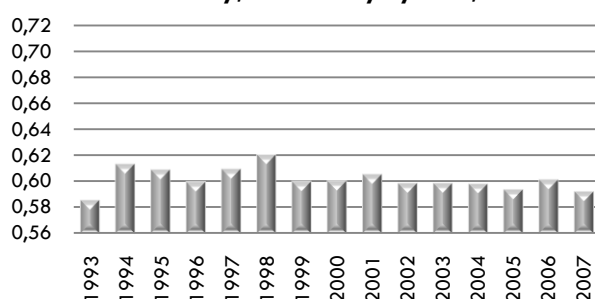
Year	Neoplasms	Circulatory system	Respiratory system	Digestive system	External causes	Other causes
1993	✓ 0,1893	✓ 0,5856	✗ 0,0991	✗ 0,0337	✗ 0,0362	0,0560
1994	✓ 0,1973	✗ 0,6128	⚠ 0,0814	✗ 0,0331	⚠ 0,0335	0,0420
1995	⚠ 0,2086	⚠ 0,6085	✓ 0,0804	⚠ 0,0303	⚠ 0,0320	0,0401
1996	⚠ 0,2165	⚠ 0,5994	⚠ 0,0874	⚠ 0,0317	✓ 0,0298	0,0352
1997	⚠ 0,2139	⚠ 0,6090	✓ 0,0836	⚠ 0,0292	✓ 0,0304	0,0338
1998	✗ 0,2354	✗ 0,6196	✓ 0,0562	✓ 0,0317	✓ 0,0242	0,0329
1999	✗ 0,2301	⚠ 0,5996	⚠ 0,0675	✓ 0,0341	⚠ 0,0239	0,0447
2000	✗ 0,2286	⚠ 0,6001	⚠ 0,0729	✓ 0,0354	✓ 0,0234	0,0396
2001	✗ 0,2294	⚠ 0,6051	⚠ 0,0683	✓ 0,0352	✓ 0,0223	0,0397
2002	✗ 0,2265	⚠ 0,5982	✗ 0,0740	✓ 0,0364	✓ 0,0229	0,0420
2003	⚠ 0,2210	⚠ 0,5983	⚠ 0,0779	✓ 0,0345	⚠ 0,0215	0,0468
2004	⚠ 0,2215	⚠ 0,5979	⚠ 0,0753	✓ 0,0356	⚠ 0,0250	0,0447
2005	✗ 0,2285	✓ 0,5936	⚠ 0,0756	✓ 0,0352	⚠ 0,0234	0,0437
2006	⚠ 0,2238	⚠ 0,6010	✗ 0,0716	✓ 0,0379	⚠ 0,0237	0,0420
2007	✗ 0,2257	✓ 0,5921	⚠ 0,0784	✓ 0,0351	⚠ 0,0233	0,0453

✗ if the value is \geq (maximum - 25% from variance)
 ⚠ in other case
 ✓ if the value is \leq (minimum + 25% from variance)

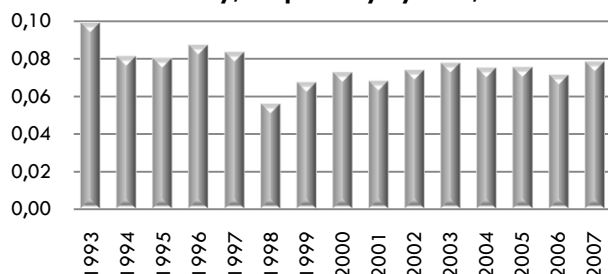
Probability, neoplasms, males,



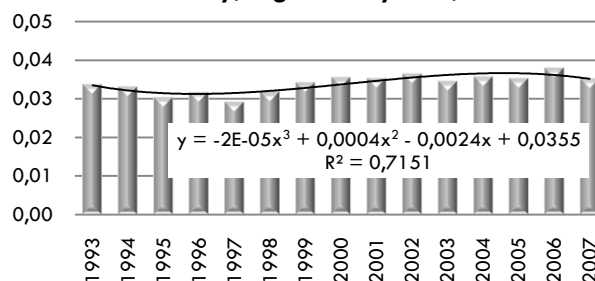
Probability, circulatory system, males



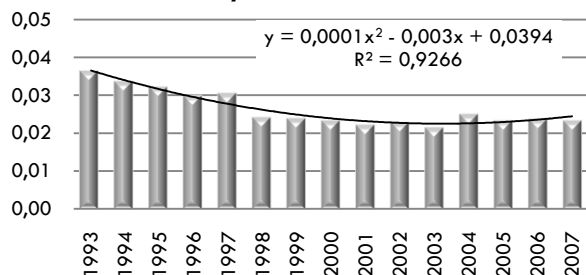
Probability, respiratory system, males



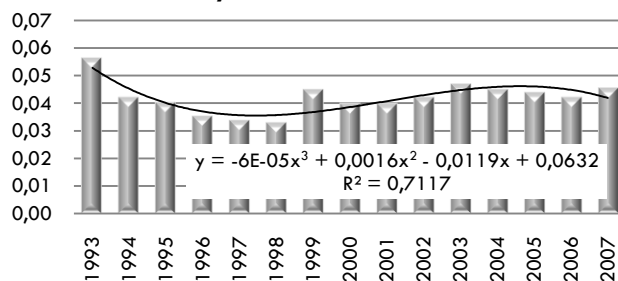
Probability, digestive system, males



Probability, external causes, males



Probability, other causes, males



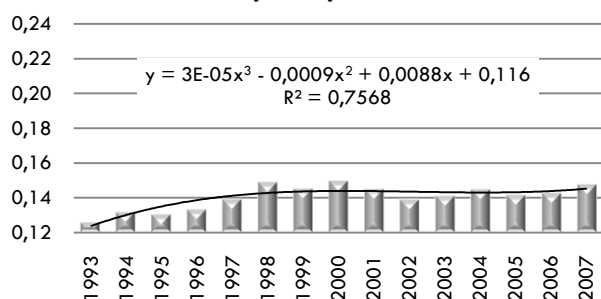
- Higher probability of death for males at age 65 than at birth due to circulatory and respiratory system.
- Probability of death for other selected causes of death decline by increasing age.

Probability that female at age 65 will die due to selected causes of death

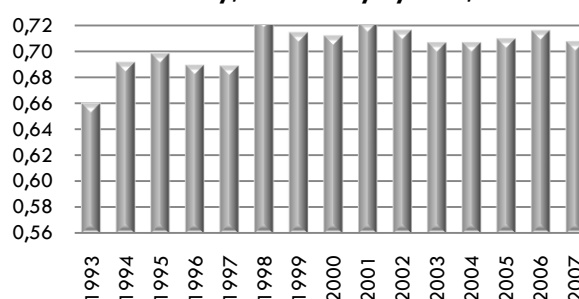
Year	Neoplasms	Circulatory system	Respiratory system	Digestive system	External causes	Other causes
1993	✓	✓	✗	⚠	✗	✗
1994	⚠	⚠	⚠	✓	✗	⚠
1995	✓	⚠	⚠	✓	✗	⚠
1996	⚠	✗	✓	✗	✓	⚠
1997	⚠	✗	✓	⚠	✓	⚠
1998	✗	✓	✓	✓	⚠	⚠
1999	✗	✓	⚠	✓	⚠	⚠
2000	✗	✓	✓	✓	⚠	⚠
2001	✗	✓	⚠	✓	⚠	⚠
2002	⚠	✗	✗	✓	⚠	⚠
2003	⚠	⚠	✗	✓	⚠	⚠
2004	✗	✓	✗	✓	⚠	⚠
2005	⚠	✓	✗	✓	⚠	⚠
2006	⚠	✓	✗	✓	⚠	⚠
2007	✗	⚠	✓	✓	⚠	⚠

✗ if the value is \geq (maximum - 25% from variance)
 ⚠ in other case
 ✓ if the value is \leq (minimum + 25% from variance)

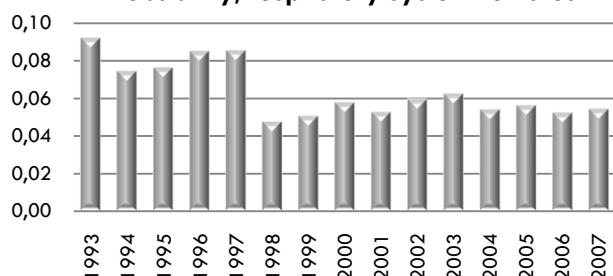
Probability, neoplasms, females



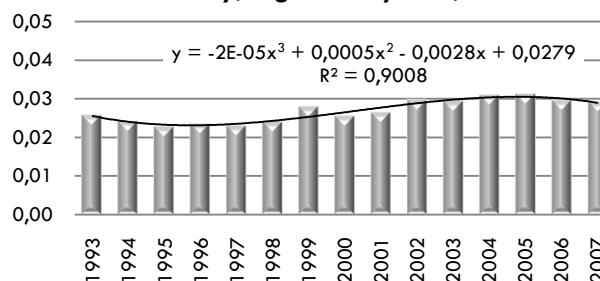
Probability, circulatory system, females



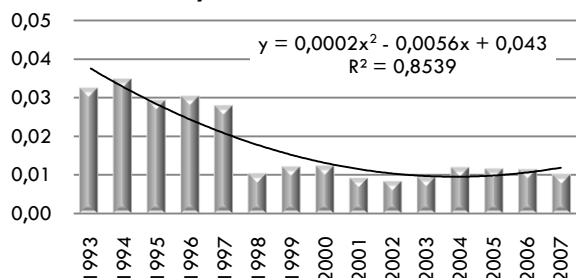
Probability, respiratory system females



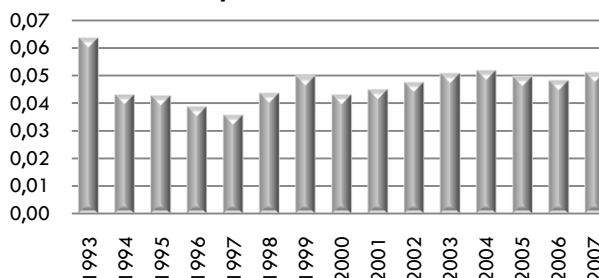
Probability, digestive system, females



Probability, external causes, females

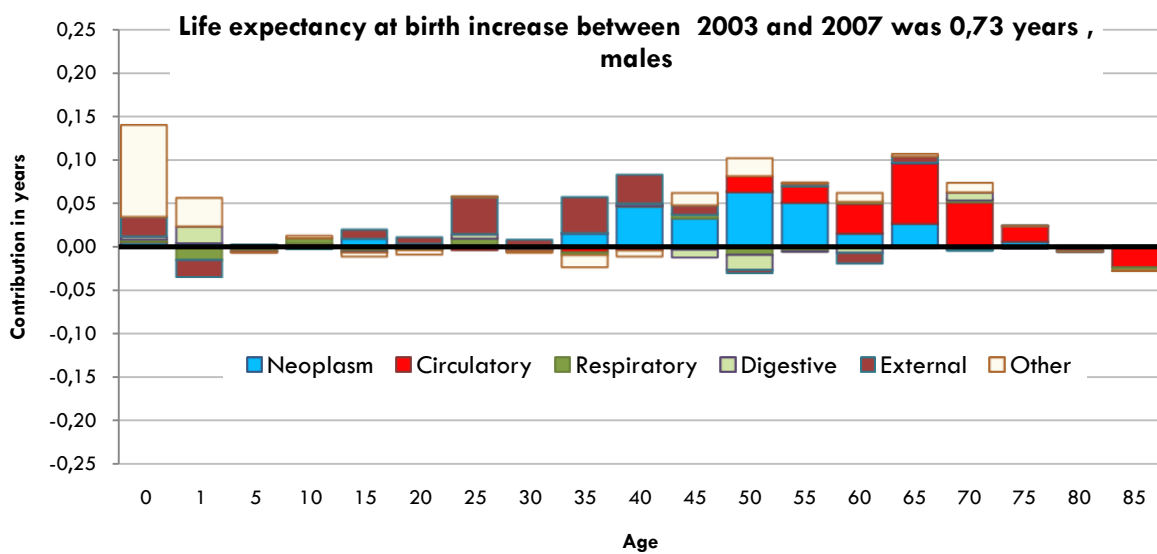
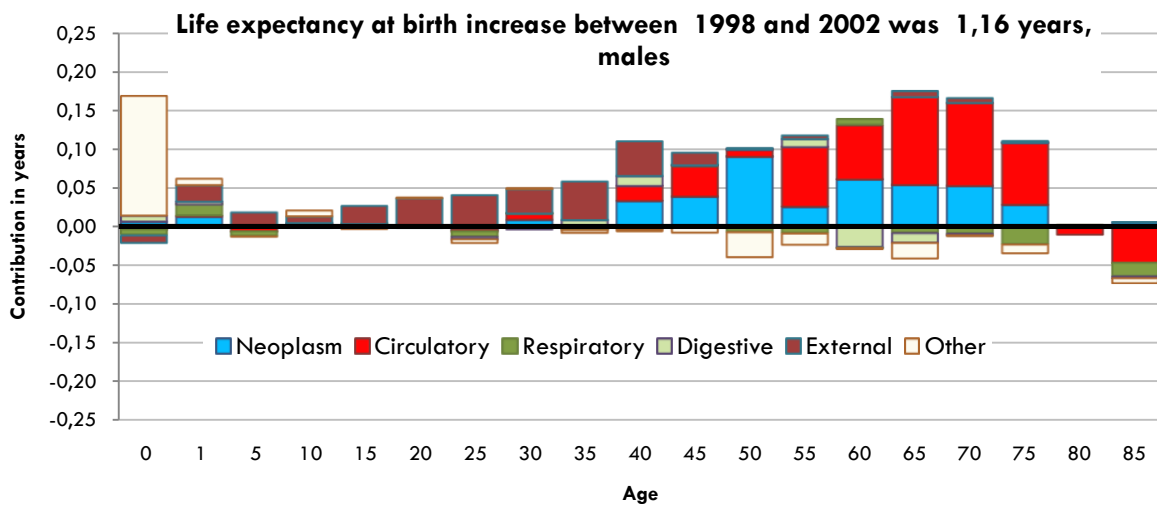
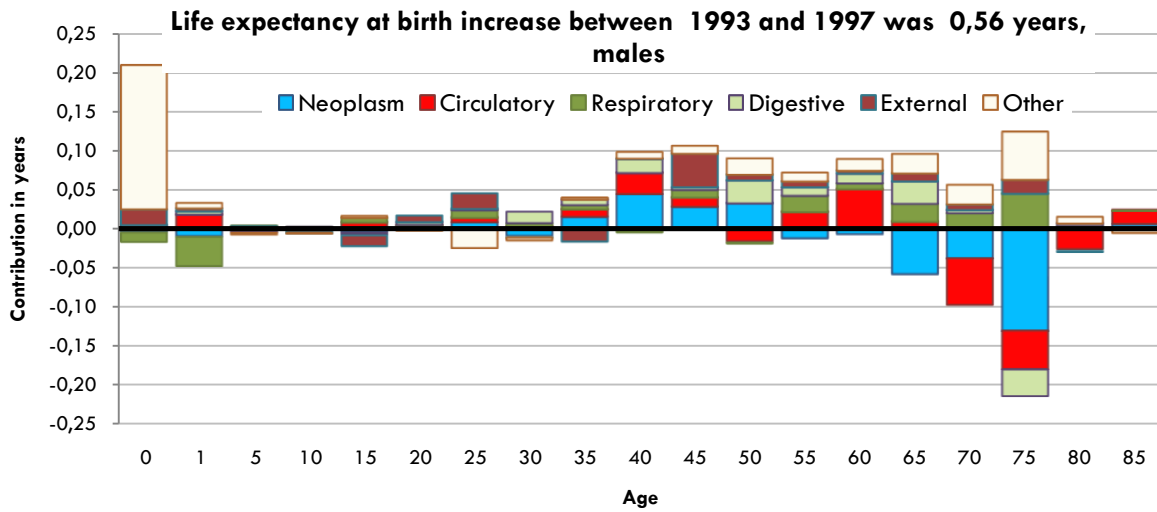


Probability, other causes, females



- Higher probability of female death at age 65 than at birth due to circulatory and respiratory system.
- Probability of death for other selected causes of death decline by increasing age.

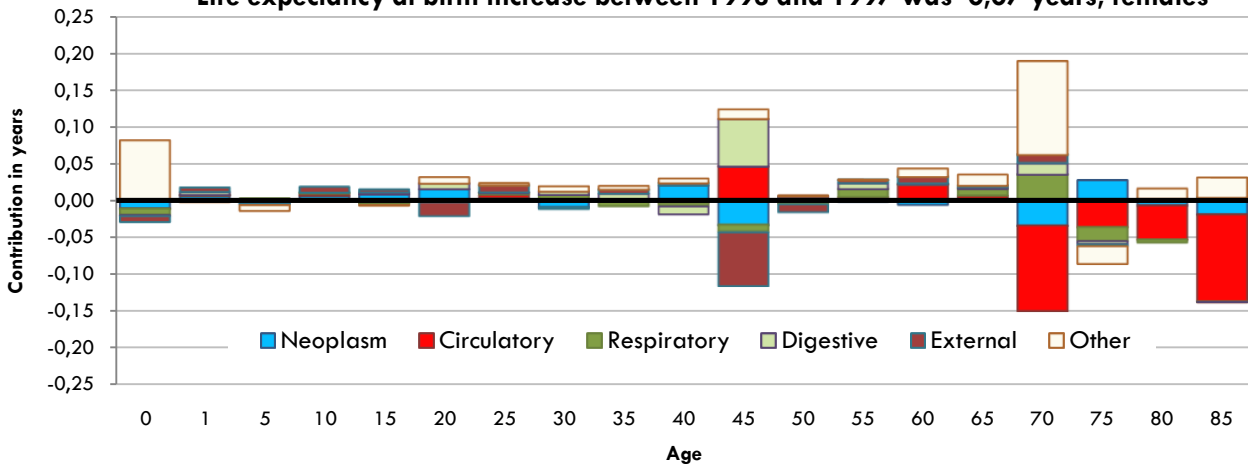
Decomposition² of the difference in life expectancy at birth by age and causes of death, males



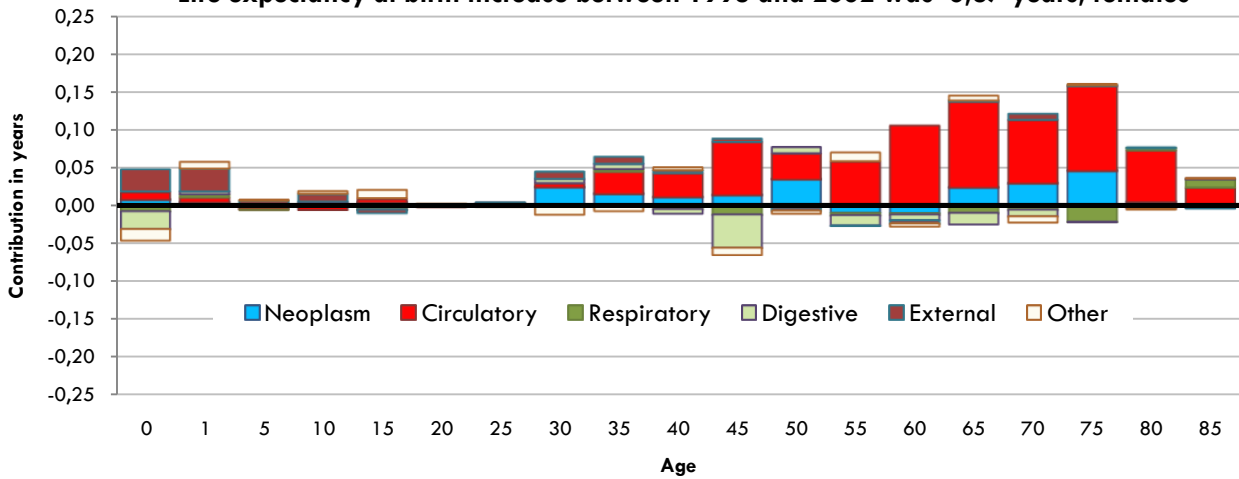
² By Arriaga (1984)

Decomposition of the difference in life expectancy at birth by age and causes of death

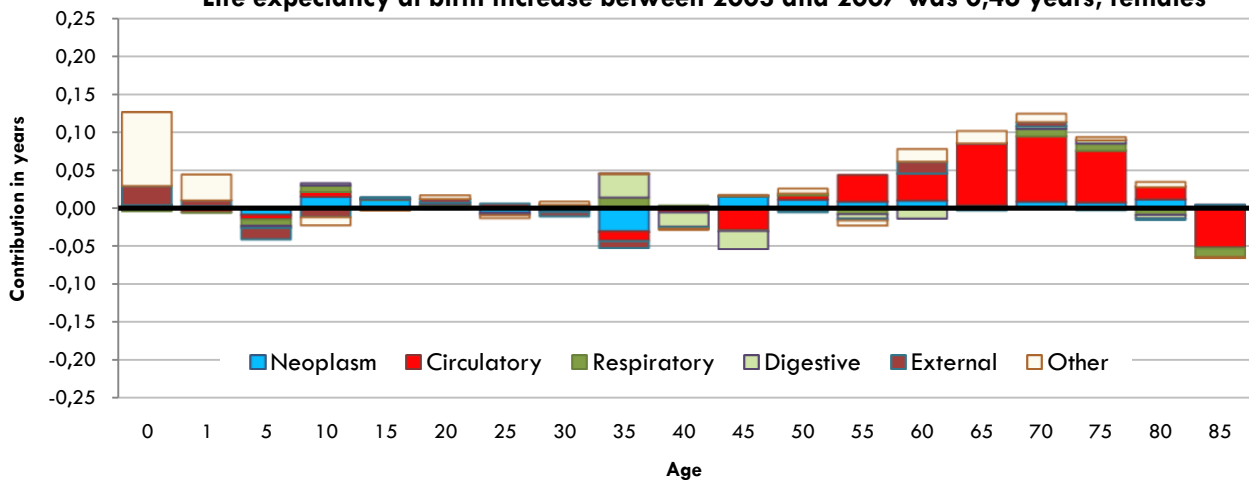
Life expectancy at birth increase between 1993 and 1997 was 0,07 years, females



Life expectancy at birth increase between 1998 and 2002 was 0,87 years, females



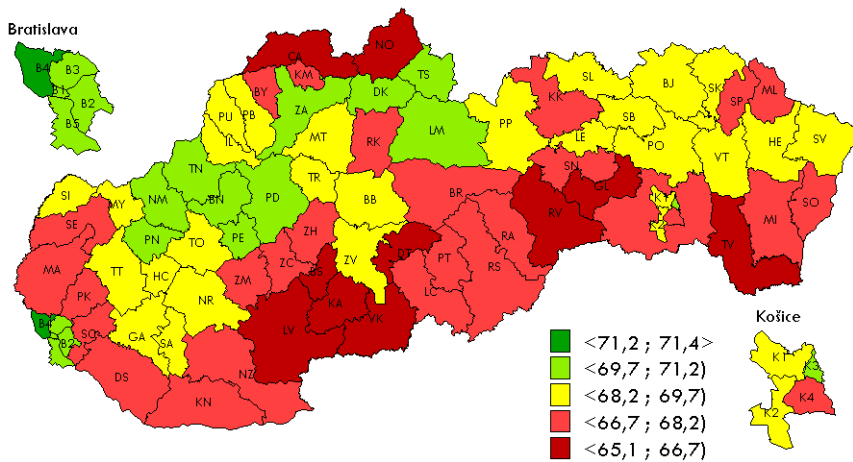
Life expectancy at birth increase between 2003 and 2007 was 0,46 years, females



MORTALITY IN THE DISTRICTS OF SLOVAKIA

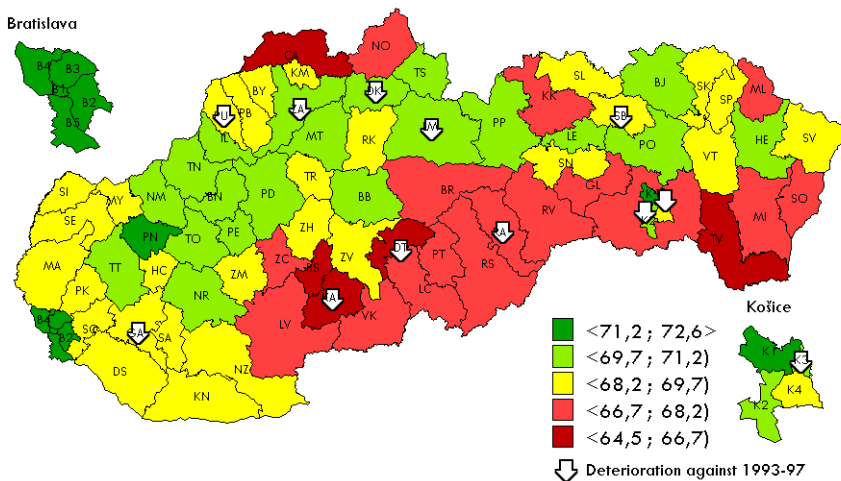
Life expectancy at birth, males

Period 1993-97

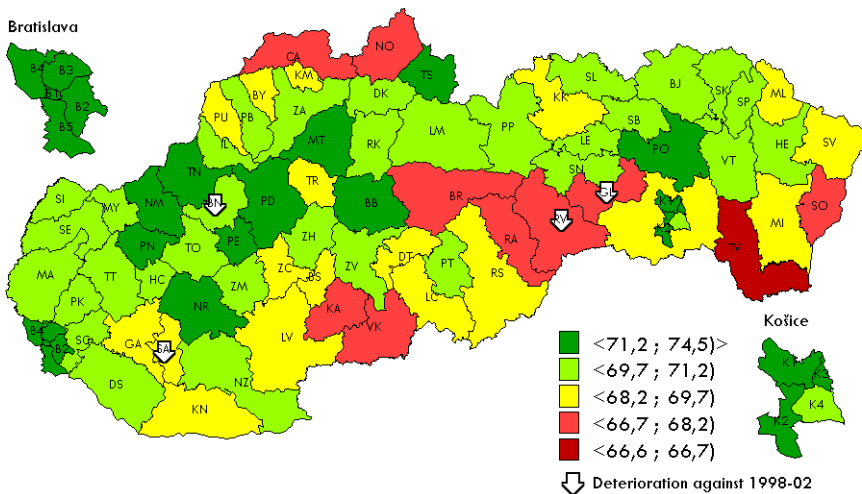


- Life expectancy at birth of males -is progressively rising in every district.
- Recently, the highest values were shown in the district around the river Vah, in the north-eastern part of Slovakia, in the capital Bratislava and in town of Košice.
- The lowest values were shown in the south-eastern part of Slovakia and in the districts Čadca and Námestovo.

Period 1998-02



Period 2003-07

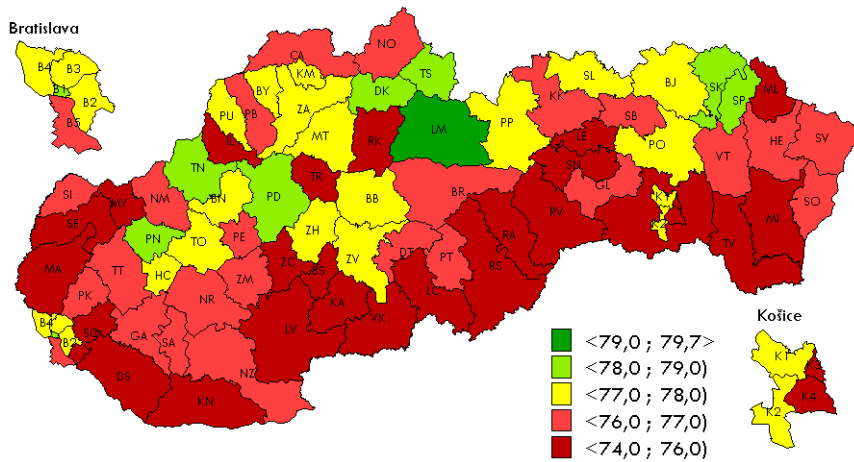


Life expectancy at birth, males

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	70,85	4	96,1%	72,38	2	98,7%	73,87	2	98,70%
102	B2	Bratislava II	70,51	7	92,3%	71,50	5	94,8%	72,23	7	92,30%
103	B3	Bratislava III	70,37	9	89,7%	72,27	3	97,4%	72,61	3	97,40%
104	B4	Bratislava IV	71,42	1	100,0%	72,59	1	100,0%	74,49	1	100,00%
105	B5	Bratislava V	70,31	11	87,1%	71,92	4	96,1%	72,40	5	94,80%
106	MA	Malacky	67,33	59	25,6%	69,65	32	60,2%	70,03	44	44,80%
107	PK	Pezinok	67,17	61	23,0%	69,53	34	57,6%	70,74	29	64,10%
108	SC	Senec	67,72	49	38,4%	68,91	43	46,1%	70,65	34	57,60%
201	DS	Dunajská Streda	67,67	50	37,1%	68,78	45	43,5%	70,49	36	55,10%
202	GA	Galanta	68,61	34	57,6%	68,51	52	34,6%	69,13	60	24,30%
203	HC	Hlohovec	68,88	28	65,3%	68,94	42	47,4%	70,51	35	56,40%
204	PN	Piešťany	70,78	5	94,8%	71,24	7	92,3%	72,43	4	96,10%
205	SE	Senica	67,59	54	32,0%	69,20	39	51,2%	69,83	50	37,10%
206	SI	Skalica	68,61	33	58,9%	69,69	31	61,5%	70,45	37	53,80%
207	TT	Trnava	68,49	37	53,8%	69,79	28	65,3%	71,02	23	71,70%
301	BN	Bánovce nad Bebravou	69,92	14	83,3%	70,98	12	85,8%	70,36	39	51,20%
302	IL	Ilava	69,02	26	67,9%	70,34	22	73,0%	70,37	38	52,50%
303	MY	Myjava	68,75	31	61,5%	69,33	37	53,8%	70,93	24	70,50%
304	NM	Nové Mesto nad Váhom	70,09	12	85,8%	70,40	19	76,9%	71,76	11	87,10%
305	PE	Partizánske	70,66	6	93,5%	71,03	9	89,7%	72,18	9	89,70%
306	PB	Považská Bystrica	68,48	38	52,5%	69,44	35	56,4%	70,33	41	48,70%
307	PD	Prievidza	70,46	8	91,0%	71,02	10	88,4%	71,62	14	83,30%
308	PU	Púchov	68,58	36	55,1%	68,40	55	30,7%	69,53	54	32,00%
309	TN	Trenčín	70,93	3	97,4%	71,13	8	91,0%	72,34	6	93,50%
401	KN	Komárno	67,89	46	42,3%	68,34	56	29,4%	68,87	61	23,00%
402	LV	Levice	66,59	70	11,5%	67,26	71	10,2%	68,78	62	21,70%
403	NR	Nitra	68,58	35	56,4%	69,81	27	66,6%	71,50	16	80,70%
404	NZ	Nové Zámky	67,77	48	39,7%	68,63	47	41,0%	69,81	51	35,80%
405	SA	Šaľa	68,40	40	50,0%	69,54	33	58,9%	69,32	57	28,20%
406	TO	Topoľčany	68,68	32	60,2%	69,85	26	67,9%	71,04	21	74,30%
407	ZM	Zlaté Moravce	67,50	57	28,2%	68,25	58	26,9%	69,83	49	38,40%
501	BY	Bytča	67,78	47	41,0%	68,60	48	39,7%	68,63	63	20,50%
502	CA	Čadca	66,43	72	8,9%	66,45	75	5,1%	67,87	72	8,90%
503	DK	Dolný Kubín	69,90	15	82,0%	69,78	29	64,1%	71,02	22	73,00%
504	KM	Kysucké Nové Mesto	67,17	62	21,7%	68,56	50	37,1%	69,56	53	33,30%
505	LM	Liptovský Mikuláš	70,34	10	88,4%	70,00	23	71,7%	70,75	28	65,30%
506	MT	Martin	69,14	22	73,0%	70,55	16	80,7%	71,54	15	82,00%
507	NO	Námestovo	66,51	71	10,2%	67,10	72	8,9%	68,14	70	11,50%
508	RK	Ružomberok	67,56	56	29,4%	68,29	57	28,2%	69,94	47	41,00%
509	TR	Turčianske Teplice	68,39	41	48,7%	68,57	49	38,4%	69,50	56	29,40%
510	TS	Tvrdošín	69,82	16	80,7%	70,51	17	79,4%	71,29	18	78,20%
511	ZA	Žilina	69,98	13	84,6%	69,96	24	70,5%	70,74	30	62,80%
601	BB	Banská Bystrica	69,02	25	69,2%	70,63	15	82,0%	71,45	17	79,40%
602	BS	Banská Štiavnica	65,94	75	5,1%	66,42	76	3,8%	68,36	65	17,90%
603	BR	Brezno	66,82	68	14,1%	67,43	67	15,3%	68,12	71	10,20%
604	DT	Detva	66,08	74	6,4%	65,76	78	1,2%	68,43	64	19,20%
605	KA	Krupina	65,39	78	1,2%	64,53	79	0,0%	66,90	78	1,20%
606	LC	Lučenec	66,89	66	16,6%	67,40	68	14,1%	68,25	69	12,80%
607	PT	Poltár	67,59	55	30,7%	67,74	64	19,2%	70,00	46	42,30%
608	RA	Revúca	67,63	51	35,8%	67,48	66	16,6%	67,61	75	5,10%
609	RS	Rimavská Sobota	66,90	64	19,2%	66,90	74	6,4%	68,32	67	15,30%
610	VK	Veľký Krtíš	66,34	73	7,6%	67,32	70	11,5%	67,84	73	7,60%
611	ZV	Zvolen	68,78	29	64,1%	68,96	41	48,7%	70,65	33	58,90%
612	ZC	Žarnovica	67,89	45	43,5%	68,11	59	25,6%	69,52	55	30,70%
613	ZH	Žiar nad Hronom	67,94	44	44,8%	69,36	36	55,1%	70,72	31	61,50%
701	BJ	Bardejov	69,62	17	79,4%	70,70	14	83,3%	71,13	19	76,90%
702	HE	Humenné	69,22	21	74,3%	70,40	20	75,6%	70,76	27	66,60%
703	KK	Kežmarok	67,06	63	20,5%	67,88	60	24,3%	68,32	66	16,60%
704	LE	Levoča	68,22	43	46,1%	70,99	11	87,1%	71,11	20	75,60%
705	ML	Medzilaborce	67,29	60	24,3%	67,79	63	20,5%	69,63	52	34,60%
706	PP	Poprad	69,54	18	78,2%	69,91	25	69,2%	70,82	25	69,20%
707	PO	Prešov	69,14	23	71,7%	70,46	18	78,2%	71,71	12	85,80%
708	SB	Sabinov	69,06	24	70,5%	68,65	46	42,3%	70,03	45	43,50%
709	SV	Snina	68,33	42	47,4%	68,55	51	35,8%	69,18	59	25,60%
710	SL	Stará Ľubovňa	68,46	39	51,2%	69,00	40	50,0%	70,34	40	50,00%
711	SP	Stropkov	67,61	53	33,3%	68,47	53	33,3%	70,10	43	46,10%
712	SK	Svidník	68,78	30	62,8%	69,70	30	62,8%	70,79	26	67,90%
713	VT	Vranov nad Topľou	68,91	27	66,6%	69,21	38	52,5%	70,25	42	47,40%
801	GL	Gelnica	65,75	76	3,8%	67,81	62	21,7%	67,79	74	6,40%
802	K1	Košice I	69,42	19	76,9%	71,25	6	93,5%	72,23	8	91,00%
803	K2	Košice II	69,42	20	75,6%	70,40	21	74,3%	71,66	13	84,60%
804	K3	Košice III	71,03	2	98,7%	70,78	13	84,6%	71,85	10	88,40%
805	K4	Košice IV	66,87	67	15,3%	68,45	54	32,0%	69,93	48	39,70%
806	KS	Košice-okolie	67,40	58	26,9%	67,33	69	12,8%	68,25	68	14,10%
807	MI	Michalovce	66,89	65	17,9%	67,81	61	23,0%	69,24	58	26,90%
808	RV	Rožňava	65,65	77	2,5%	67,73	65	17,9%	67,38	76	3,80%
809	SO	Sobrance	66,79	69	12,8%	67,07	73	7,6%	67,28	77	2,50%
810	SN	Spišská Nová Ves	67,62	52	34,6%	68,85	44	44,8%	70,69	32	60,20%
811	TV	Trebišov	65,15	79	0,0%	65,89	77	2,5%	66,63	79	0,00%

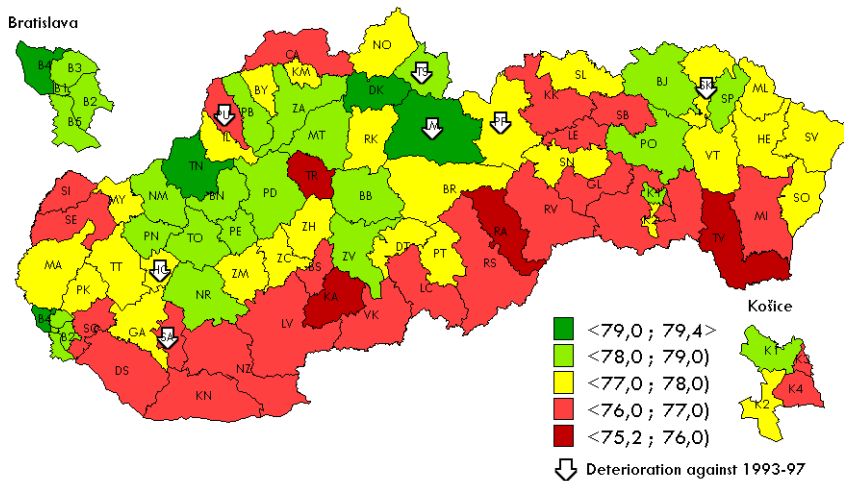
Life expectancy at birth, females

Period 1993-97

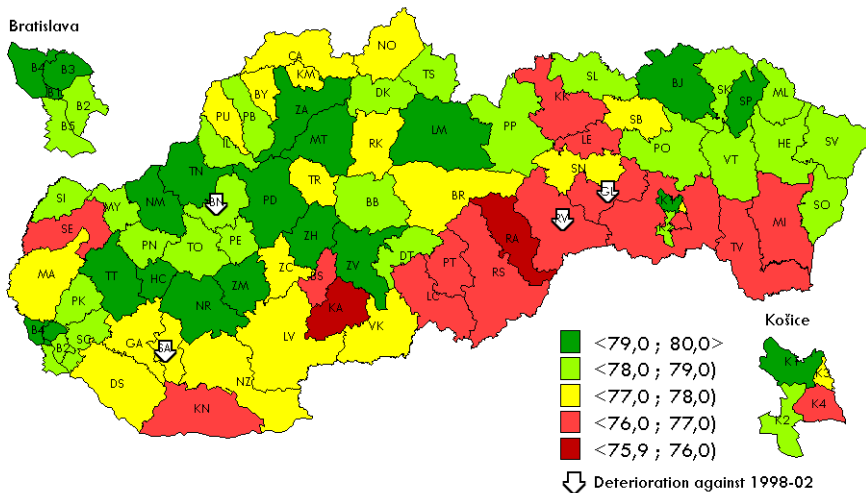


- Life expectancy at birth of males- is progressively rising in every district.
- Recently, the highest values were shown in the district around the river Vah, in the north-eastern part of Slovakia, in the capital Bratislava and in district of Košice I.
- The lowest values were shown in the districts of Revúca and Krupina.
- Differences are significant in the districts of Košice.

Period 1998-02



Period 2003-07

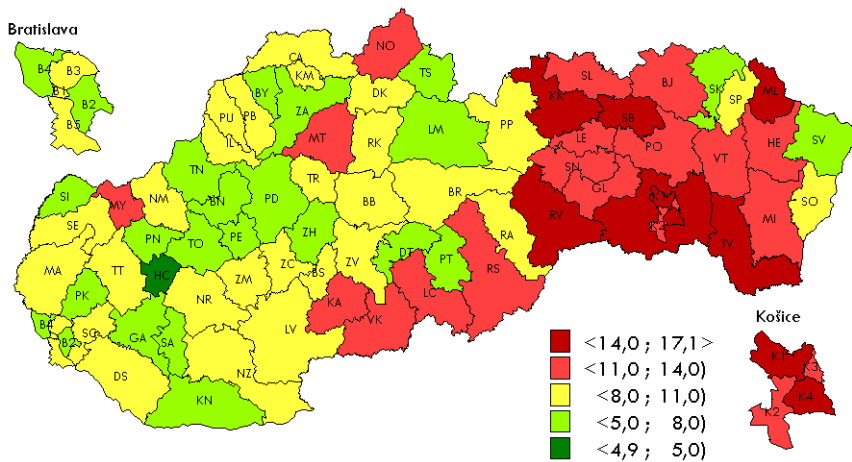


Life expectancy at birth, females

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	78,13	7	92,3%	78,62	11	87,1%	79,58	4	96,1%
102	B2	Bratislava II	77,25	22	73,0%	78,10	21	74,3%	78,81	27	66,6%
103	B3	Bratislava III	77,78	11	87,1%	78,64	10	88,4%	79,18	12	85,8%
104	B4	Bratislava IV	77,86	10	88,4%	79,01	4	96,1%	79,96	1	100,0%
105	B5	Bratislava V	76,77	36	55,1%	78,80	6	93,5%	78,63	33	58,9%
106	MA	Malacky	75,89	56	29,4%	77,07	51	35,8%	77,83	46	42,3%
107	PK	Pezinok	76,33	48	39,7%	77,66	31	61,5%	78,37	40	50,0%
108	SC	Senec	75,82	61	23,0%	76,81	59	25,6%	78,49	36	55,1%
201	DS	Dunajská Streda	75,42	71	10,2%	76,75	61	23,0%	77,53	56	29,4%
202	GA	Galanta	76,74	38	52,5%	77,34	43	46,1%	77,28	59	25,6%
203	HC	Hlohovec	77,59	17	79,4%	77,57	35	56,4%	79,12	13	84,6%
204	PN	Piešťany	78,08	9	89,7%	78,36	16	80,7%	78,89	24	70,5%
205	SE	Senica	75,74	66	16,6%	76,34	70	11,5%	76,74	69	12,8%
206	SI	Skalica	76,25	50	37,1%	76,50	67	15,3%	78,34	42	47,4%
207	TT	Trnava	76,83	34	57,6%	77,29	46	42,3%	79,06	14	83,3%
301	BN	Bánovce nad Bebravou	77,73	14	83,3%	78,95	5	94,8%	78,72	30	62,8%
302	IL	Ilava	75,60	68	14,1%	77,35	42	47,4%	78,36	41	48,7%
303	MY	Myjava	75,71	67	15,3%	77,37	41	48,7%	78,44	38	52,5%
304	N	Nové Mesto nad Váhom	76,93	32	60,2%	78,29	17	79,4%	79,04	16	80,7%
305	PE	Partizánske	76,95	30	62,8%	78,02	23	71,7%	78,94	23	71,7%
306	PB	Považská Bystrica	76,35	47	41,0%	78,01	25	69,2%	78,82	26	67,9%
307	PD	Prievidza	78,09	8	91,0%	78,49	13	84,6%	79,29	9	89,7%
308	PU	Púchov	77,02	29	64,1%	76,87	56	29,4%	77,68	53	33,3%
309	TN	Trenčín	78,33	6	93,5%	79,44	1	100,0%	79,80	2	98,7%
401	KN	Komárno	75,77	63	20,5%	76,33	71	10,2%	76,59	70	11,5%
402	LV	Levice	75,75	64	19,2%	76,84	58	26,9%	77,28	60	24,3%
403	NR	Nitra	76,92	33	58,9%	78,48	14	83,3%	79,02	18	78,2%
404	NZ	Nové Zámky	76,25	49	38,4%	76,48	68	14,1%	77,73	51	35,8%
405	SA	Šaľa	76,76	37	53,8%	76,59	65	17,9%	77,75	50	37,1%
406	TO	Topoľčany	77,07	26	67,9%	78,15	18	78,2%	78,40	39	51,2%
407	ZM	Zlaté Moravce	76,94	31	61,5%	77,75	29	64,1%	79,29	10	88,4%
501	BY	Bytča	77,38	20	75,6%	77,66	32	60,2%	77,78	49	38,4%
502	CA	Čadca	76,65	41	48,7%	76,85	57	28,2%	77,28	61	23,0%
503	DK	Dolný Kubín	78,86	2	98,7%	79,25	3	97,4%	78,99	19	76,9%
504	KM	Kysucké Nové Mesto	77,23	24	70,5%	77,89	27	66,6%	77,93	45	43,5%
505	LM	Liptovský Mikuláš	79,73	1	100,0%	79,25	2	98,7%	79,46	8	91,0%
506	MT	Martín	77,73	13	84,6%	78,77	7	92,3%	79,06	15	82,0%
507	N	Námestovo	76,39	46	42,3%	77,55	38	52,5%	77,61	55	30,7%
508	RK	Ružomberok	75,78	62	21,7%	77,38	40	50,0%	77,80	48	39,7%
509	TR	Turčianske Teplice	75,55	69	12,8%	75,72	78	1,2%	77,69	52	34,6%
510	TS	Tvrdošín	78,77	3	97,4%	78,68	9	89,7%	78,97	20	75,6%
511	ZA	Žilina	77,63	16	80,7%	78,69	8	91,0%	79,02	17	79,4%
601	BB	Banská Bystrica	77,04	28	65,3%	78,12	20	75,6%	78,69	32	60,2%
602	BS	Banská Štiavnica	75,82	60	24,3%	76,19	73	7,6%	76,27	74	6,4%
603	BR	Brezno	76,24	51	35,8%	77,15	50	37,1%	77,45	57	28,2%
604	DT	Detva	76,60	43	46,1%	77,25	47	41,0%	78,50	34	57,6%
605	KA	Krupina	74,01	79	0,0%	75,19	79	0,0%	75,90	78	1,2%
606	LC	Lučenec	75,90	55	30,7%	76,53	66	16,6%	76,92	66	16,6%
607	PT	Poltár	76,41	44	44,8%	77,56	36	55,1%	76,79	67	15,3%
608	RA	Revúca	74,72	76	3,8%	75,81	77	2,5%	75,86	79	0,0%
609	RS	Rimavská Sobota	75,24	73	7,6%	76,72	62	21,7%	76,33	73	7,6%
610	VK	Veľký Krtíš	75,37	72	8,9%	76,72	63	20,5%	77,12	63	20,5%
611	ZV	Zvolen	77,28	21	74,3%	78,06	22	73,0%	79,64	3	97,4%
612	ZC	Žarnovica	75,89	57	28,2%	77,04	52	34,6%	77,43	58	26,9%
613	ZH	Žiar nad Hronom	77,05	27	66,6%	77,67	30	62,8%	79,47	7	92,3%
701	BJ	Bardejov	77,52	19	76,9%	78,13	19	76,9%	79,18	11	87,1%
702	HE	Humenné	76,73	39	51,2%	77,49	39	51,2%	78,77	28	65,3%
703	KK	Kežmarok	76,21	52	34,6%	76,99	53	33,3%	76,05	77	2,5%
704	LE	Levoča	74,96	75	5,1%	76,00	75	5,1%	76,43	72	8,9%
705	ML	Medzilaborce	75,94	54	32,0%	77,24	48	39,7%	78,70	31	61,5%
706	PP	Poprad	77,65	15	82,0%	77,62	34	57,6%	78,75	29	64,1%
707	PO	Prešov	77,17	25	69,2%	78,01	24	70,5%	78,96	21	74,3%
708	SB	Sabinov	76,03	53	33,3%	76,98	55	30,7%	77,67	54	32,0%
709	SV	Snina	76,65	42	47,4%	77,56	37	53,8%	78,07	43	46,1%
710	SL	Stará Ľubovňa	77,57	18	78,2%	77,90	26	67,9%	78,94	22	73,0%
711	SP	Stropkov	78,34	5	94,8%	78,54	12	85,8%	79,58	5	94,8%
712	SK	Svidník	78,43	4	96,1%	77,86	28	65,3%	78,47	37	53,8%
713	VT	Vranov nad Topľou	76,79	35	56,4%	77,30	45	43,5%	78,89	25	69,2%
801	GL	Gelnica	76,40	45	43,5%	76,46	69	12,8%	76,21	75	5,1%
802	K1	Košice I	77,75	12	85,8%	78,43	15	82,0%	79,51	6	93,5%
803	K2	Košice II	77,25	23	71,7%	77,64	33	58,9%	78,50	35	56,4%
804	K3	Košice III	75,45	70	11,5%	76,69	64	19,2%	77,19	62	21,7%
805	K4	Košice IV	74,61	78	1,2%	76,03	74	6,4%	76,43	71	10,2%
806	KS	Košice-okolie	75,89	58	26,9%	76,77	60	24,3%	76,78	68	14,1%
807	MI	Michalovce	75,74	65	17,9%	76,99	54	32,0%	76,97	65	17,9%
808	RV	Rožňava	74,68	77	2,5%	76,21	72	8,9%	76,99	64	19,2%
809	SO	Sobrance	76,66	40	50,0%	77,32	44	44,8%	78,05	44	44,8%
810	SN	Spišská Nová Ves	75,83	59	25,6%	77,17	49	38,4%	77,83	47	41,0%
811	TV	Trebišov	75,08	74	6,4%	75,97	76	3,8%	76,09	76	3,8%

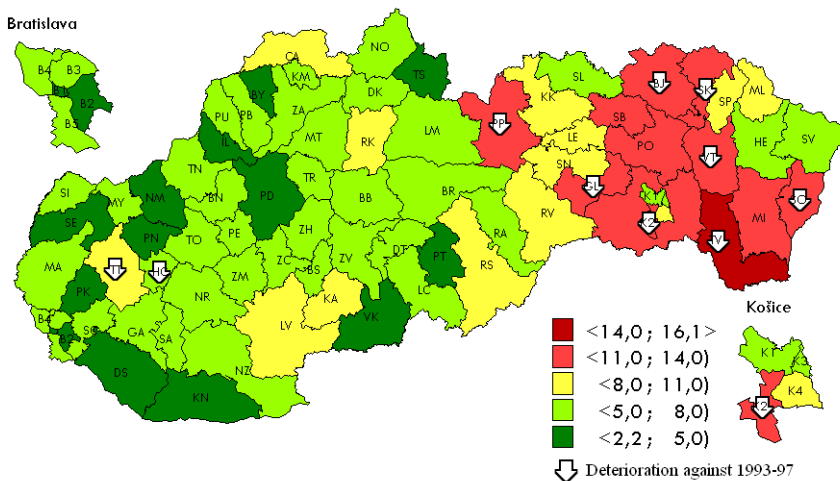
Infant mortality rate

Period 1993-97

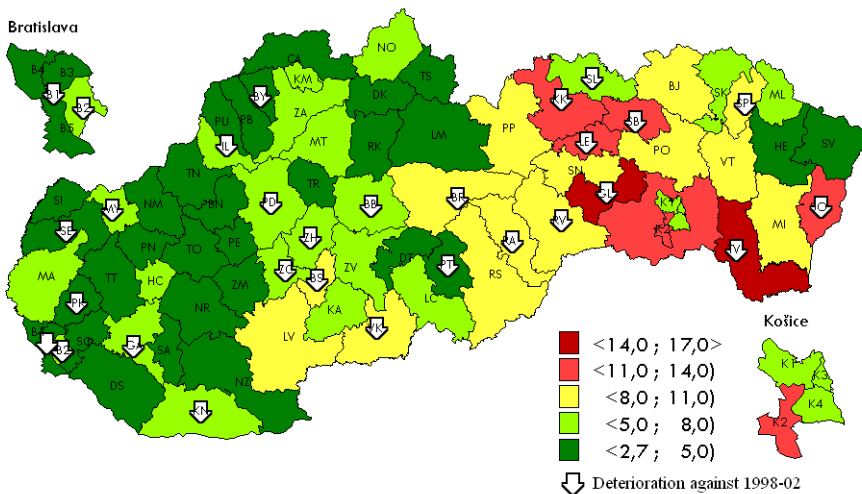


- In general, infant mortality rates are declining, except the districts of Gelnica, Sobrance and Trebišov, where they increased through the three examined period.
- Difference is significant between East and West Slovakia.
- Surprisingly high infant mortality rate in the district of Košice II.
- As many as 27 districts show increasing infant mortality rate from the period 1998-02 to 2003-07.

Period 1998-02



Period 2003-07

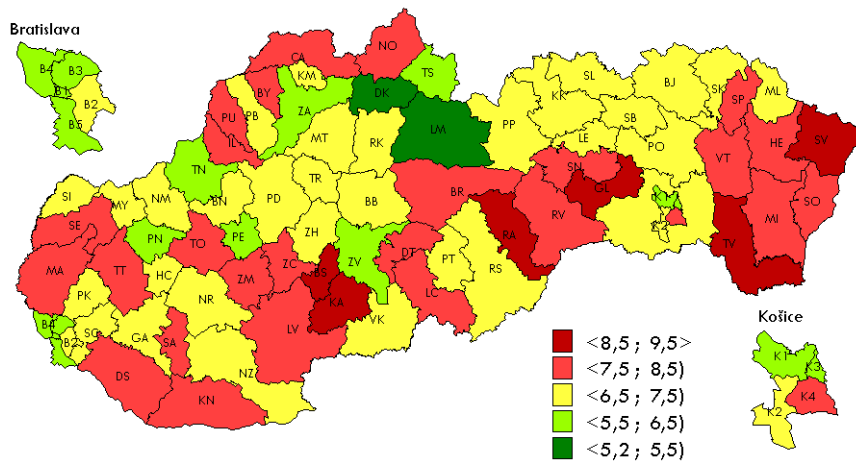


Infant mortality rate

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	8,72	32	60,3%	4,87	13	84,7%	5,21	45	43,5%
102	B2	Bratislava II	6,36	4	96,2%	3,71	5	94,9%	5,88	35	56,4%
103	B3	Bratislava III	8,21	25	69,3%	6,52	36	55,2%	3,56	68	14,1%
104	B4	Bratislava IV	7,26	15	82,1%	5,53	25	69,3%	2,72	79	0,0%
105	B5	Bratislava V	9,95	44	44,9%	5,48	24	70,6%	3,28	73	7,6%
106	MA	Malacky	9,73	43	46,2%	6,35	34	57,7%	5,49	41	48,7%
107	PK	Pezinok	6,49	5	94,9%	3,05	2	98,8%	3,18	74	6,4%
108	SC	Senec	8,60	31	61,6%	6,96	40	50,0%	4,41	57	28,2%
201	DS	Dunajská Streda	8,72	33	59,0%	4,81	12	85,9%	4,55	56	29,4%
202	GA	Galanta	6,85	11	87,2%	5,26	18	78,3%	6,31	33	58,9%
203	HC	Hlohovec	4,99	1	100,0%	7,11	43	46,2%	5,29	44	44,8%
204	PN	Piešťany	6,87	12	85,9%	4,58	10	88,5%	3,07	76	3,8%
205	SE	Senica	8,52	28	65,4%	3,24	3	97,5%	4,64	53	33,3%
206	SI	Skalica	7,11	13	84,7%	6,47	35	56,5%	4,63	54	32,0%
207	TT	Trnava	8,28	26	68,0%	8,84	61	23,1%	4,03	61	23,0%
301	BN	Bánovce nad Bebravou	7,46	17	79,5%	6,06	28	65,4%	2,88	78	1,2%
302	IL	Ilava	8,55	29	64,2%	3,87	6	93,6%	5,55	38	52,5%
303	MY	Myjava	11,06	54	32,1%	6,23	32	60,3%	6,62	31	61,5%
304	N	Nové Mesto nad Váhom	9,48	38	52,6%	4,91	14	83,4%	3,48	71	10,2%
305	PE	Partizánske	7,88	22	73,1%	6,57	37	53,9%	3,14	75	5,1%
306	PB	Považská Bystrica	8,60	30	62,9%	7,48	49	38,5%	2,90	77	2,5%
307	PD	Prievidza	7,50	18	78,3%	4,62	11	87,2%	5,71	36	55,1%
308	PU	Púchov	9,08	35	56,5%	6,90	39	51,3%	4,86	49	38,4%
309	TN	Trenčín	6,63	8	91,1%	6,09	29	64,2%	4,65	52	34,6%
401	KN	Komárno	5,92	2	98,8%	3,99	8	91,1%	6,33	32	60,2%
402	LV	Levice	9,68	41	48,8%	8,72	59	25,7%	8,35	21	74,3%
403	NR	Nitra	10,49	47	41,1%	5,35	19	77,0%	4,94	48	39,7%
404	NZ	Nové Zámky	9,07	34	57,7%	5,41	21	74,4%	4,39	58	26,9%
405	SA	Šaľa	6,56	7	92,4%	5,43	23	71,8%	4,00	62	21,7%
406	TO	Topoľčany	7,83	21	74,4%	6,20	31	61,6%	3,84	65	17,9%
407	ZM	Zlaté Moravce	9,21	36	55,2%	7,43	48	39,8%	3,49	70	11,5%
501	BY	Bytča	6,02	3	97,5%	2,17	1	100,0%	4,81	51	35,8%
502	CA	Cadca	10,63	48	39,8%	8,24	56	29,5%	3,75	66	16,6%
503	DK	Dolný Kubín	10,07	46	42,4%	5,42	22	73,1%	4,36	59	25,6%
504	KM	Kysucké Nové Mesto	9,53	39	51,3%	7,94	54	32,1%	6,06	34	57,6%
505	LM	Liptovský Mikuláš	7,60	19	77,0%	5,09	15	82,1%	3,95	64	19,2%
506	MT	Martin	11,43	55	30,8%	7,94	53	33,4%	5,05	47	41,0%
507	N	Námestovo	12,50	64	19,3%	6,16	30	62,9%	5,70	37	53,8%
508	RK	Ružomberok	10,92	51	35,9%	8,86	62	21,8%	4,12	60	24,3%
509	TR	Turčianske Teplice	10,03	45	43,6%	6,81	38	52,6%	4,57	55	30,7%
510	TS	Trvrdošín	6,50	6	93,6%	3,88	7	92,4%	3,74	67	15,3%
511	ZA	Žilina	7,25	14	83,4%	5,71	26	68,0%	5,41	42	47,4%
601	BB	Banská Bystrica	9,56	40	50,0%	5,16	16	80,8%	5,50	40	50,0%
602	BS	Banská Štiavnica	10,70	49	38,5%	5,36	20	75,7%	8,51	19	76,9%
603	BR	Brezno	10,81	50	37,2%	5,75	27	66,7%	9,10	14	83,3%
604	DT	Detva	7,30	16	80,8%	7,08	42	47,5%	3,52	69	12,8%
605	KA	Krupina	12,85	65	18,0%	8,31	57	28,3%	6,72	30	62,8%
606	LC	Lučenec	11,72	58	27,0%	7,29	46	42,4%	6,88	29	64,1%
607	PT	Poltár	7,82	20	75,7%	3,58	4	96,2%	3,98	63	20,5%
608	RA	Revúca	8,02	24	70,6%	7,74	52	34,7%	9,99	11	87,1%
609	RS	Rimavská Sobota	13,76	70	11,6%	10,69	67	15,4%	9,61	12	85,8%
610	VK	Veľký Krtíš	11,95	60	24,4%	4,13	9	89,8%	8,76	18	78,2%
611	ZV	Zvolen	9,72	42	47,5%	7,63	51	35,9%	5,35	43	46,1%
612	ZC	Žarnovica	8,44	27	66,7%	7,41	47	41,1%	7,82	23	71,7%
613	ZH	Žiar nad Hronom	6,66	9	89,8%	5,23	17	79,5%	7,63	25	69,2%
701	BJ	Bardejov	11,72	57	28,3%	12,61	72	9,0%	10,44	9	89,7%
702	HE	Humenné	11,82	59	25,7%	6,29	33	59,0%	4,85	50	37,1%
703	KK	Kežmarok	17,10	79	0,0%	10,55	66	16,7%	12,92	7	92,3%
704	LE	Levoča	11,67	56	29,5%	9,47	64	19,3%	13,16	5	94,8%
705	ML	Medzilaborce	16,04	74	6,5%	8,16	55	30,8%	6,90	28	65,3%
706	PP	Poprad	10,99	53	33,4%	11,25	68	14,2%	9,36	13	84,6%
707	PO	Prešov	13,10	67	15,4%	12,71	73	7,7%	8,28	22	73,0%
708	SB	Sabinov	16,73	77	2,6%	12,32	71	10,3%	13,74	3	97,4%
709	SV	Snina	7,98	23	71,8%	6,99	41	48,8%	3,36	72	8,9%
710	SL	Stará Ľubovňa	13,29	68	14,2%	7,53	50	37,2%	7,77	24	70,5%
711	SP	Stropkov	9,34	37	53,9%	8,58	58	27,0%	8,81	16	80,7%
712	SK	Svidník	6,76	10	88,5%	12,09	70	11,6%	7,24	26	67,9%
713	VT	Vranov nad Topľou	12,87	66	16,7%	13,05	75	5,2%	8,86	15	82,0%
801	GL	Gelnica	12,47	63	20,6%	13,55	78	1,3%	17,04	1	100,0%
802	K1	Košice I	14,27	72	9,0%	7,29	45	43,6%	7,21	27	66,6%
803	K2	Košice II	12,11	61	23,1%	13,20	76	3,9%	11,00	8	91,0%
804	K3	Košice III	13,94	71	10,3%	7,23	44	44,9%	5,10	46	42,3%
805	K4	Košice IV	16,14	75	5,2%	9,42	63	20,6%	5,53	39	51,2%
806	KS	Košice-okolie	16,85	78	1,3%	13,54	77	2,6%	13,50	4	96,1%
807	MI	Michalovce	13,58	69	12,9%	12,97	74	6,5%	8,77	17	79,4%
808	RV	Rožňava	16,22	76	3,9%	9,62	65	18,0%	10,40	10	88,4%
809	SO	Sobrance	10,94	52	34,7%	11,48	69	12,9%	13,00	6	93,5%
810	SN	Spišská Nová Ves	12,30	62	21,8%	8,82	60	24,4%	8,39	20	75,6%
811	TV	Trebišov	15,63	73	7,7%	16,12	79	0,0%	16,29	2	98,7%

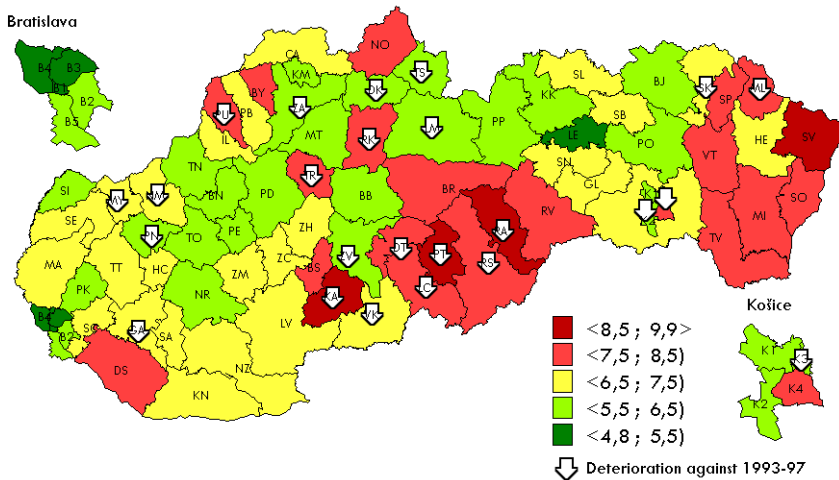
Standardized circulatory system mortality rates, males

Period 1993-97

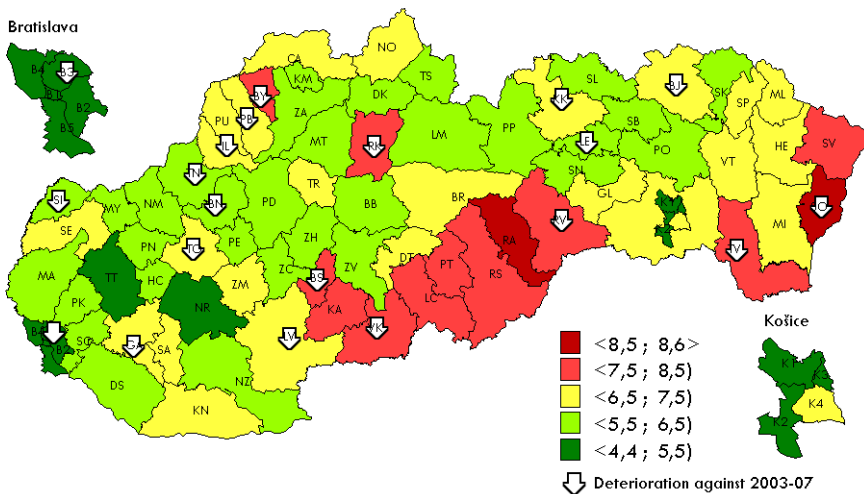


- Improvement of mortality due to circulatory system diseases mainly in the West of Slovakia, in the capital Bratislava and in the town of Košice.
- In 3 districts were recorded increasing tendencies in mortality due to circulatory system during the three periods, namely in the districts of Galanta, Ružomberok and Veľký Krtíš.

Period 1998-02



Period 2003-07

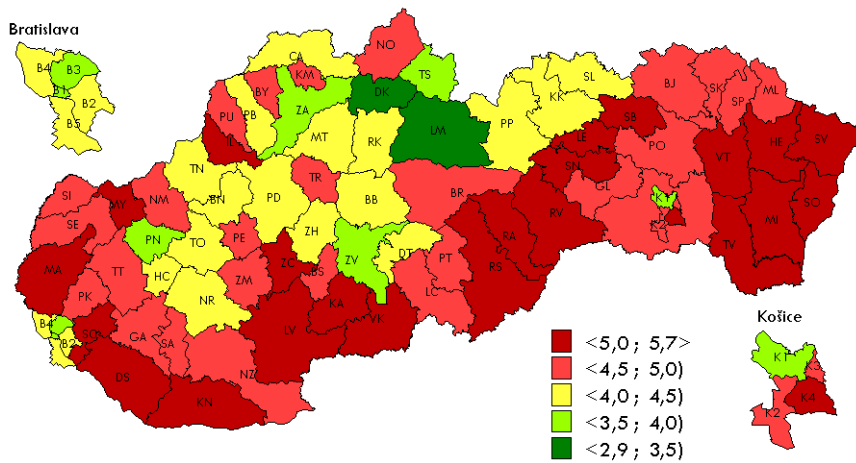


Standardized circulatory system mortality rates , males

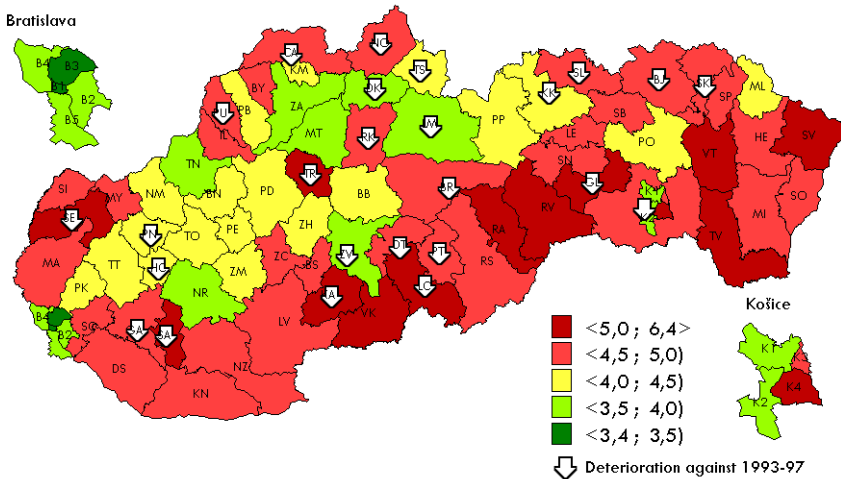
			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	5,96	8	91,1%	4,91	1	100,0%	4,43	1	100,0%
102	B2	Bratislava II	6,74	23	71,8%	5,88	11	87,2%	5,39	9	89,8%
103	B3	Bratislava III	5,88	7	92,4%	5,02	2	98,8%	5,06	3	97,5%
104	B4	Bratislava IV	6,32	12	85,9%	5,45	4	96,2%	4,56	2	98,8%
105	B5	Bratislava V	6,42	14	83,4%	5,64	7	92,4%	5,30	6	93,6%
106	MA	Malacky	8,29	70	11,6%	7,15	45	43,6%	6,41	36	55,2%
107	PK	Pezinok	7,41	46	42,4%	6,43	29	64,2%	6,11	29	64,2%
108	SC	Senec	7,24	40	50,0%	6,98	40	50,0%	5,77	15	82,1%
201	DS	Dunajská Streda	7,77	58	27,0%	7,67	64	19,3%	6,14	31	61,6%
202	GA	Galanta	6,77	26	68,0%	7,04	42	47,5%	7,14	59	25,7%
203	HC	Hlohovec	6,83	28	65,4%	6,76	38	52,6%	6,20	32	60,3%
204	PN	Piešťany	5,79	6	93,6%	6,39	27	66,7%	5,80	19	77,0%
205	SE	Senica	7,61	53	33,4%	7,34	51	35,9%	6,97	54	32,1%
206	SI	Skalica	6,96	30	62,9%	6,42	28	65,4%	6,47	41	48,8%
207	TT	Trnava	7,52	48	39,8%	6,71	37	53,9%	5,39	10	88,5%
301	BN	Bánovce nad Bebravou	6,61	19	77,0%	6,27	18	78,3%	6,47	40	50,0%
302	IL	Ilava	7,85	62	21,8%	6,59	32	60,3%	6,80	49	38,5%
303	MY	Myjava	7,32	44	44,9%	7,33	50	37,2%	6,46	38	52,6%
304	NM	Nové Mesto nad Váhom	6,60	18	78,3%	6,65	34	57,7%	6,08	27	66,7%
305	PE	Partizánske	6,30	10	88,5%	6,28	19	77,0%	5,81	20	75,7%
306	PB	Považská Bystrica	7,25	41	48,8%	6,63	33	59,0%	6,81	50	37,2%
307	PD	Prievidza	6,64	20	75,7%	6,36	24	70,6%	6,03	24	70,6%
308	PU	Púchov	7,54	49	38,5%	7,82	70	11,6%	7,42	65	18,0%
309	TN	Trenčín	6,42	13	84,7%	5,56	6	93,6%	5,79	17	79,5%
401	KN	Komárno	7,57	50	37,2%	7,12	44	44,9%	7,04	55	30,8%
402	LV	Levice	7,97	65	18,0%	7,03	41	48,8%	7,06	57	28,3%
403	NR	Nitra	6,75	24	70,6%	5,89	12	85,9%	5,24	4	96,2%
404	NZ	Nové Zámky	7,32	43	46,2%	6,69	35	56,5%	6,41	37	53,9%
405	SA	Šalca	7,82	60	24,4%	7,42	53	33,4%	6,62	45	43,6%
406	TO	Topoľčany	7,69	54	32,1%	6,16	15	82,1%	6,53	43	46,2%
407	ZM	Zlaté Moravce	7,59	51	35,9%	7,44	54	32,1%	6,75	48	39,8%
501	BY	Bytča	8,18	68	14,2%	7,54	60	24,4%	7,90	72	9,0%
502	CA	Cadca	7,79	59	25,7%	7,36	52	34,7%	7,28	64	19,3%
503	DK	Dolný Kubín	5,37	2	98,8%	6,03	13	84,7%	5,69	13	84,7%
504	KM	Kysucké Nové Mesto	6,97	31	61,6%	6,36	25	69,3%	6,34	35	56,5%
505	LM	Liptovský Mikuláš	5,24	1	100,0%	6,15	14	83,4%	6,06	25	69,3%
506	MT	Martín	6,70	22	73,1%	6,29	20	75,7%	5,52	11	87,2%
507	NO	Námestovo	8,31	71	10,3%	7,67	63	20,6%	7,06	58	27,0%
508	RK	Ružomberok	7,22	39	51,3%	7,58	61	23,1%	7,61	69	12,9%
509	TR	Turčianske Teplice	7,28	42	47,5%	7,87	71	10,3%	7,43	66	16,7%
510	TS	Tvrdošín	5,54	3	97,5%	6,32	21	74,4%	5,83	21	74,4%
511	ZA	Žilina	5,74	5	94,9%	6,24	17	79,5%	5,80	18	78,3%
601	BB	Banská Bystrica	6,59	17	79,5%	5,81	10	88,5%	5,78	16	80,8%
602	BS	Banská Štiavnica	8,66	76	3,9%	7,76	69	12,9%	8,14	73	7,7%
603	BR	Brezno	7,69	55	30,8%	7,50	57	28,3%	6,59	44	44,9%
604	DT	Detva	7,61	52	34,7%	8,21	74	6,5%	6,92	53	33,4%
605	KA	Krupina	9,18	77	2,6%	9,92	79	0,0%	8,50	77	2,6%
606	LC	Lučenec	7,77	57	28,3%	8,27	75	5,2%	7,83	71	10,3%
607	PT	Poltár	6,81	27	66,7%	8,84	76	3,9%	7,57	67	15,4%
608	RA	Revúca	8,51	74	6,5%	8,89	77	2,6%	8,57	78	1,3%
609	RS	Rimavská Sobota	7,21	38	52,6%	7,98	72	9,0%	7,61	68	14,2%
610	VK	Veľký Krtíš	7,18	36	55,2%	7,49	55	30,8%	7,78	70	11,6%
611	ZV	Zvolen	6,26	9	89,8%	6,36	23	71,8%	6,13	30	62,9%
612	ZC	Zarnovica	7,94	63	20,6%	7,20	46	42,4%	5,97	22	73,1%
613	ZH	Žiar nad Hronom	6,76	25	69,3%	6,52	31	61,6%	6,09	28	65,4%
701	BJ	Bardejov	7,19	37	53,9%	6,45	30	62,9%	6,52	42	47,5%
702	HE	Humenné	7,82	61	23,1%	7,29	48	39,8%	7,18	61	23,1%
703	KK	Kežmarok	6,58	16	80,8%	6,34	22	73,1%	6,67	47	41,1%
704	LE	Levoča	7,10	32	60,3%	5,38	3	97,5%	5,56	12	85,9%
705	ML	Medzilaborce	7,13	35	56,5%	7,54	59	25,7%	7,25	63	20,6%
706	PP	Poprad	6,68	21	74,4%	6,16	16	80,8%	5,98	23	71,8%
707	PO	Prešov	7,11	33	59,0%	6,39	26	68,0%	5,70	14	83,4%
708	SB	Sabinov	7,12	34	57,7%	6,70	36	55,2%	6,22	33	59,0%
709	SV	Snina	9,48	79	0,0%	9,08	78	1,3%	8,16	74	6,5%
710	SL	Stará Ľubovňa	7,37	45	43,6%	7,06	43	46,2%	6,28	34	57,7%
711	SP	Stropkov	8,45	73	7,7%	7,70	65	18,0%	6,66	46	42,4%
712	SK	Svidník	6,84	29	64,2%	6,95	39	51,3%	6,47	39	51,3%
713	VT	Vranov nad Topľou	7,74	56	29,5%	7,63	62	21,8%	7,05	56	29,5%
801	GL	Gelnica	9,44	78	1,3%	7,30	49	38,5%	6,91	52	34,7%
802	K1	Košice I	6,31	11	87,2%	5,52	5	94,9%	5,25	5	94,9%
803	K2	Košice II	6,52	15	82,1%	5,75	9	89,8%	5,38	7	92,4%
804	K3	Košice III	5,65	4	96,2%	5,72	8	91,1%	5,38	8	91,1%
805	K4	Košice IV	8,10	66	16,7%	7,71	66	16,7%	6,82	51	35,9%
806	KS	Košice-okolie	7,44	47	41,1%	7,49	56	29,5%	7,19	62	21,8%
807	MI	Michalovce	8,26	69	12,9%	7,53	58	27,0%	7,15	60	24,4%
808	RV	Rožňava	8,40	72	9,0%	7,74	67	15,4%	8,19	75	5,2%
809	SO	Sobrance	8,13	67	15,4%	7,76	68	14,2%	8,62	79	0,0%
810	SN	Spišská Nová Ves	7,96	64	19,3%	7,27	47	41,1%	6,08	26	68,0%
811	TV	Trebišov	8,56	75	5,2%	8,05	73	7,7%	8,29	76	3,9%

Standardized circulatory system mortality rates, females

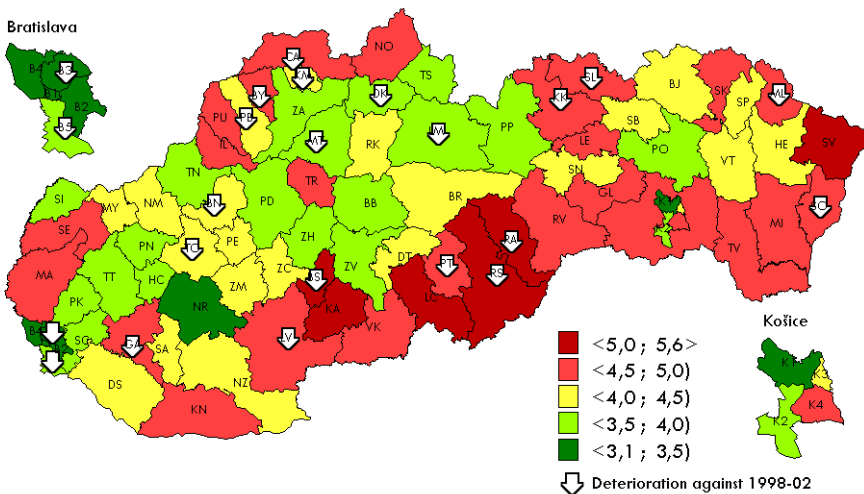
Period 1993-97



Period 1998-02



Period 2003-07



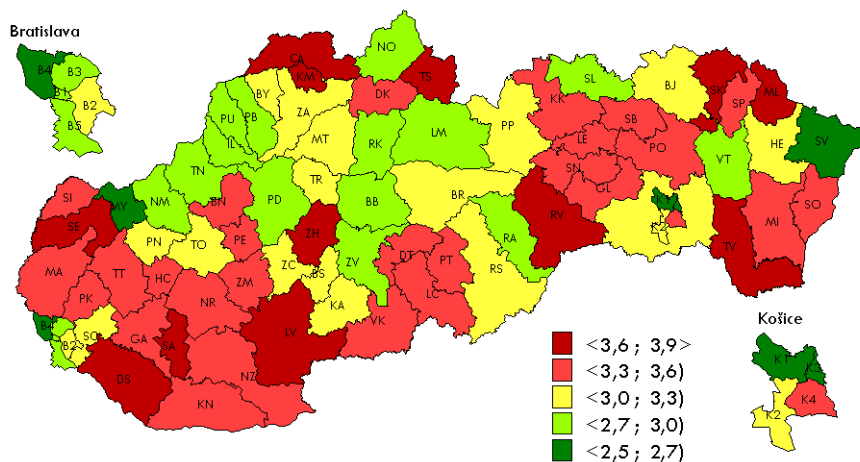
- Improvement of the female mortality due to circulatory system diseases mainly in the capital Bratislava and in the town of Košice.
- In 7 districts were recorded increasing female mortality rates due to circulatory system diseases during the three periods, namely in Galanta, Čadca, Dolný Kubín, Liptovský Mikuláš, Poltár, Kežmarok and Stará Ľubovňa.
- In the long run the highest female mortality rates due to circulatory system diseases were recorded in the districts of Svidník, Krupina, Revúca, Rimavská Sobota, Lučenec a Banská Štiavnica.

Standardized circulatory system mortality rates, females

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	3,61	3	97,5%	3,43	2	98,8%	3,07	1	100,0%
102	B2	Bratislava II	4,18	14	83,4%	3,80	10	88,5%	3,49	6	93,6%
103	B3	Bratislava III	3,64	4	96,2%	3,38	1	100,0%	3,44	4	96,2%
104	B4	Bratislava IV	4,07	10	88,5%	3,78	8	91,1%	3,27	2	98,8%
105	B5	Bratislava V	4,19	16	80,8%	3,76	7	92,4%	3,78	17	79,5%
106	MA	Malacky	5,42	75	5,2%	4,81	52	34,7%	4,50	49	38,5%
107	PK	Pezinok	5,00	55	30,8%	4,30	23	71,8%	3,75	14	83,4%
108	SC	Senec	5,31	70	11,6%	4,77	49	38,5%	3,93	25	69,3%
201	DS	Dunajská Streda	5,33	71	10,3%	4,91	62	21,8%	4,27	36	55,2%
202	GA	Galanta	4,73	40	50,0%	4,82	54	32,1%	4,95	73	7,7%
203	HC	Hlohovec	4,13	13	84,7%	4,49	33	59,0%	3,73	13	84,7%
204	PN	Piešťany	3,70	6	93,6%	4,17	19	77,0%	3,85	22	73,1%
205	SE	Senica	4,75	43	46,2%	5,37	77	2,6%	4,79	66	16,7%
206	SI	Skalica	4,91	50	37,2%	4,87	60	24,4%	3,78	16	80,8%
207	TT	Trnava	4,78	45	43,6%	4,49	32	60,3%	3,85	21	74,4%
301	BN	Bánovce nad Bebravou	4,33	20	75,7%	4,10	15	82,1%	4,28	37	53,9%
302	IL	Ilava	5,00	57	28,3%	4,74	47	41,1%	4,64	60	24,4%
303	MY	Myjava	5,11	63	20,6%	4,86	59	25,7%	4,31	38	52,6%
304	NM	Nové Mesto nad Váhom	4,81	46	42,4%	4,39	28	65,4%	4,03	28	65,4%
305	PE	Partizánske	4,69	39	51,3%	4,44	30	62,9%	4,01	27	66,7%
306	PB	Považská Bystrica	4,41	23	71,8%	4,32	24	70,6%	4,41	42	47,5%
307	PD	Prievidza	4,30	19	77,0%	4,22	20	75,7%	3,98	26	68,0%
308	PU	Púchov	4,68	38	52,6%	4,98	65	18,0%	4,78	65	18,0%
309	TN	Trenčín	4,11	12	85,9%	3,68	6	93,6%	3,57	8	91,1%
401	KN	Komárno	5,06	61	23,1%	4,74	46	42,4%	4,56	54	32,1%
402	LV	Levice	5,02	59	25,7%	4,50	34	57,7%	4,54	52	34,7%
403	NR	Nitra	4,23	18	78,3%	3,86	13	84,7%	3,48	5	94,9%
404	NZ	Nové Zámky	4,75	42	47,5%	4,56	38	52,6%	4,13	33	59,0%
405	SA	Šaľa	4,94	51	35,9%	5,10	69	12,9%	4,49	47	41,1%
406	TO	Topoľčany	4,48	26	68,0%	4,14	18	78,3%	4,45	43	46,2%
407	ZM	Zlaté Moravce	4,94	52	34,7%	4,48	31	61,6%	4,21	35	56,5%
501	BY	Bytča	4,74	41	48,8%	4,69	44	44,9%	4,76	63	20,6%
502	CA	Cadca	4,40	22	73,1%	4,58	40	50,0%	4,63	59	25,7%
503	DK	Dolný Kubín	3,25	2	98,8%	3,67	5	94,9%	3,86	23	71,8%
504	KM	Kysucké Nové Mesto	4,55	30	62,9%	4,28	22	73,1%	4,32	39	51,3%
505	LM	Liptovský Mikuláš	2,95	1	100,0%	3,53	3	97,5%	3,63	10	88,5%
506	MT	Martín	4,09	11	87,2%	3,79	9	89,8%	3,87	24	70,6%
507	NO	Námestovo	4,55	31	61,6%	4,98	64	19,3%	4,52	51	35,9%
508	RK	Ružomberok	4,45	25	69,3%	4,79	50	37,2%	4,47	46	42,4%
509	TR	Turčianske Teplice	4,97	53	33,4%	5,25	74	6,5%	4,85	71	10,3%
510	TS	Tvrdošín	3,66	5	94,9%	4,33	26	68,0%	3,72	12	85,9%
511	ZA	Žilina	3,96	9	89,8%	3,82	11	87,2%	3,81	18	78,3%
601	BB	Banská Bystrica	4,45	24	70,6%	4,32	25	69,3%	3,77	15	82,1%
602	BS	Banská Štiavnica	4,98	54	32,1%	4,89	61	23,1%	5,14	76	3,9%
603	BR	Brezno	4,67	35	56,5%	4,84	56	29,5%	4,46	44	44,9%
604	DT	Detva	4,49	27	66,7%	4,54	37	53,9%	4,10	30	62,9%
605	KA	Krupina	5,61	77	2,6%	6,42	79	0,0%	5,54	79	0,0%
606	LC	Lučenec	4,77	44	44,9%	5,37	76	3,9%	5,01	74	6,5%
607	PT	Poltár	4,68	36	55,2%	4,72	45	43,6%	4,79	67	15,4%
608	RA	Revúca	5,47	76	3,9%	5,41	78	1,3%	5,51	78	1,3%
609	RS	Rimavská Sobota	5,03	60	24,4%	4,85	58	27,0%	5,07	75	5,2%
610	VK	Veľký Krtíš	5,19	65	18,0%	5,02	67	15,4%	4,81	69	12,9%
611	ZV	Zvolen	3,86	8	91,1%	3,87	14	83,4%	3,64	11	87,2%
612	ZC	Zarnovica	5,24	68	14,2%	4,61	43	46,2%	4,11	31	61,6%
613	ZH	Žiar nad Hronom	4,39	21	74,4%	4,36	27	66,7%	3,58	9	89,8%
701	BJ	Bardejov	4,65	34	57,7%	4,82	53	33,4%	4,12	32	60,3%
702	HE	Humenné	5,02	58	27,0%	4,80	51	35,9%	4,50	48	39,8%
703	KK	Kežmarok	4,18	15	82,1%	4,26	21	74,4%	4,51	50	37,2%
704	LE	Levoča	5,20	66	16,7%	4,58	41	48,8%	4,58	56	29,5%
705	ML	Medzilaborce	4,86	48	39,8%	4,43	29	64,2%	4,62	58	27,0%
706	PP	Poprad	4,19	17	79,5%	4,14	17	79,5%	3,82	20	75,7%
707	PO	Prešov	4,61	33	59,0%	4,11	16	80,8%	3,81	19	77,0%
708	SB	Sabinov	5,09	62	21,8%	4,52	35	56,5%	4,40	41	48,8%
709	SV	Snina	5,75	79	0,0%	5,33	75	5,2%	5,30	77	2,6%
710	SL	Stará Ľubovňa	4,49	28	65,4%	4,56	39	51,3%	4,59	57	28,3%
711	SP	Stropkov	4,68	37	53,9%	4,54	36	55,2%	4,47	45	43,6%
712	SK	Svidník	4,52	29	64,2%	4,83	55	30,8%	4,55	53	33,4%
713	VT	Vranov nad Topľou	5,35	72	9,0%	5,05	68	14,2%	4,36	40	50,0%
801	GL	Gelnica	5,00	56	29,5%	5,16	70	11,6%	4,76	61	23,1%
802	K1	Košice I	3,85	7	92,4%	3,62	4	96,2%	3,32	3	97,5%
803	K2	Košice II	4,58	32	60,3%	3,83	12	85,9%	3,50	7	92,4%
804	K3	Košice III	4,89	49	38,5%	4,85	57	28,3%	4,09	29	64,2%
805	K4	Košice IV	5,20	67	15,4%	5,16	71	10,3%	4,76	62	21,8%
806	KS	Košice-okolie	4,85	47	41,1%	4,99	66	16,7%	4,79	68	14,2%
807	MI	Michalovce	5,16	64	19,3%	4,92	63	20,6%	4,85	70	11,6%
808	RV	Rožňava	5,26	69	12,9%	5,19	72	9,0%	4,56	55	30,8%
809	SO	Sobrance	5,66	78	1,3%	4,58	42	47,5%	4,77	64	19,3%
810	SN	Spišská Nová Ves	5,37	74	6,5%	4,74	48	39,8%	4,16	34	57,7%
811	TV	Trebišov	5,36	73	7,7%	5,22	73	7,7%	4,93	72	9,0%

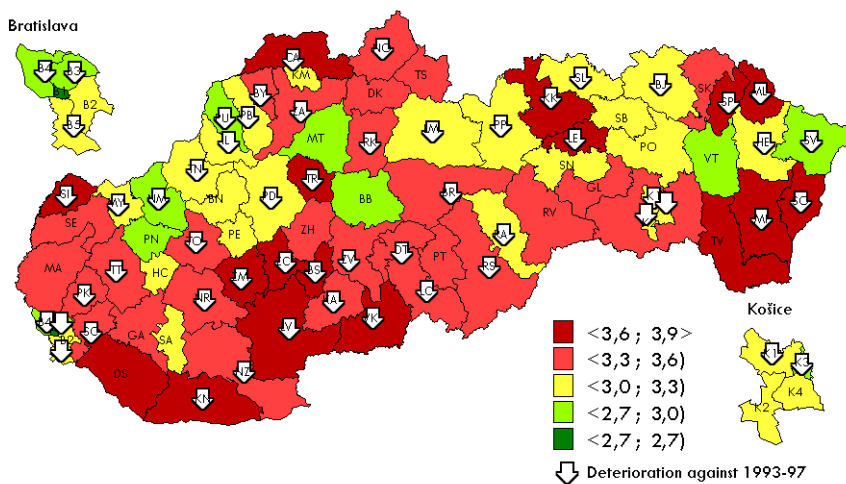
Standardized neoplasms mortality rates, males

Period 1993-97

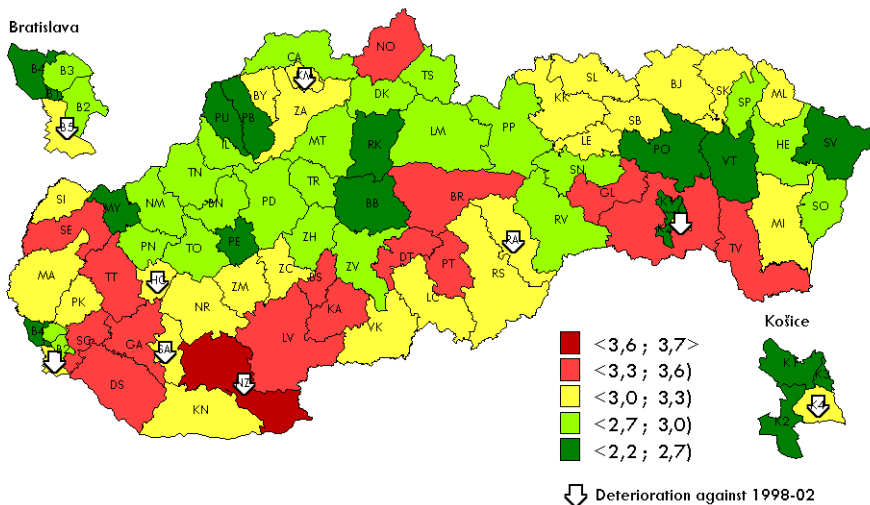


- Large scale male mortality increase resulting from neoplasms from period 1993-97 to 1998-02.
- In 3 districts the mortality increase continued also in the period 2003-07, namely in districts of Revúca, Nové Zámky and surprisingly in Bratislava V.
- Surprisingly high mortality due to neoplasms is in the districts of Trnava.

Period 1998-02



Period 2003-07

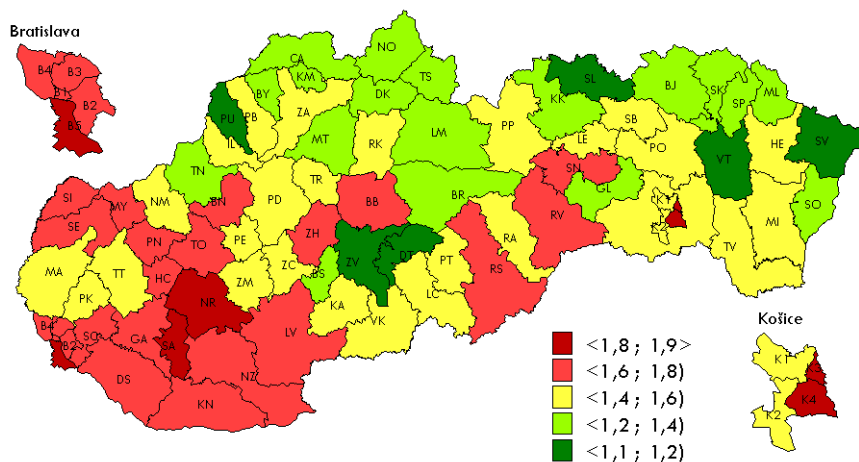


Standardized neoplasms mortality rates, males

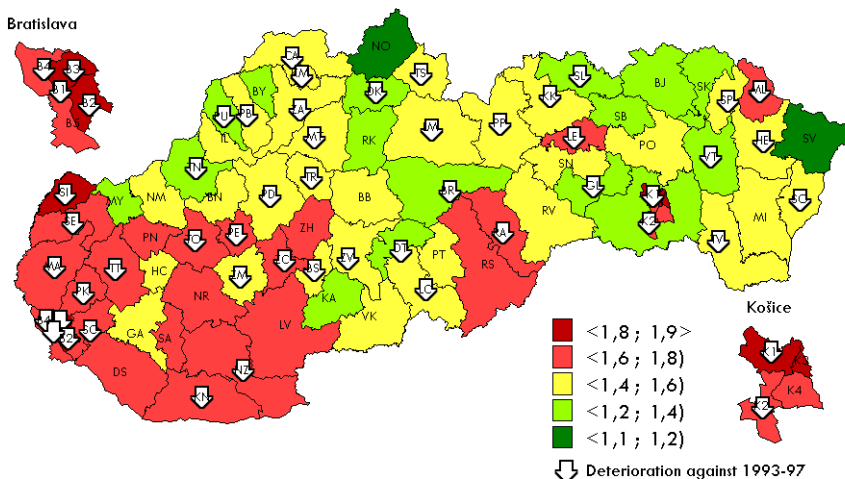
			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	2,94	17	79,5%	2,67	1	100,0%	2,57	11	87,20%
102	B2	Bratislava II	3,06	26	68,0%	3,03	18	78,3%	2,73	16	80,80%
103	B3	Bratislava III	2,76	7	92,4%	2,79	4	96,2%	2,73	15	82,10%
104	B4	Bratislava IV	2,52	1	100,0%	2,89	6	93,6%	2,45	4	96,20%
105	B5	Bratislava V	2,80	9	89,8%	3,02	14	83,4%	3,02	39	51,30%
106	MA	Malacky	3,39	51	35,9%	3,38	42	47,5%	3,28	57	28,30%
107	PK	Pezinok	3,44	55	30,8%	3,45	49	38,5%	3,17	46	42,40%
108	SC	Senec	3,26	37	53,9%	3,45	48	39,8%	3,34	69	12,90%
201	DS	Dunajská Streda	3,83	78	1,3%	3,61	65	18,0%	3,34	70	11,60%
202	GA	Galanta	3,55	62	21,8%	3,48	52	34,7%	3,32	68	14,20%
203	HC	Hlohovec	3,34	46	42,4%	3,24	33	59,0%	3,24	53	33,40%
204	PN	Piešťany	3,04	25	69,3%	2,88	5	94,9%	2,78	19	77,00%
205	SE	Senica	3,69	73	7,7%	3,53	57	28,3%	3,40	75	5,20%
206	SI	Skalica	3,44	54	32,1%	3,63	66	16,7%	3,30	62	21,80%
207	TT	Trnava	3,49	60	24,4%	3,59	62	21,8%	3,40	74	6,50%
301	BN	Bánovce nad Bebravou	3,31	42	47,5%	3,17	26	68,0%	2,97	33	59,00%
302	IL	Ilava	2,97	18	78,3%	3,20	30	62,9%	2,98	36	55,20%
303	MY	Myjava	2,58	3	97,5%	3,06	20	75,7%	2,55	7	92,40%
304	NM	Nové Mesto nad Váhom	2,91	16	80,8%	2,99	11	87,2%	2,81	23	71,80%
305	PE	Partizánske	3,34	47	41,1%	3,16	25	69,3%	2,55	8	91,10%
306	PB	Považská Bystrica	2,77	8	91,1%	3,14	23	71,8%	2,41	3	97,50%
307	PD	Prievidza	3,00	21	74,4%	3,02	15	82,1%	2,89	29	64,20%
308	PU	Púchov	2,85	13	84,7%	2,96	10	88,5%	2,56	10	88,50%
309	TN	Trenčín	2,81	10	88,5%	3,14	24	70,6%	2,78	18	78,30%
401	KN	Komárno	3,37	48	39,8%	3,94	79	0,0%	3,29	58	27,00%
402	LV	Levice	3,68	72	9,0%	3,71	71	10,3%	3,32	67	15,40%
403	NR	Nitra	3,56	63	20,6%	3,58	61	23,1%	3,21	50	37,20%
404	NZ	Nové Zámky	3,47	58	27,0%	3,53	56	29,5%	3,62	79	0,00%
405	SA	Šaľa	3,89	79	0,0%	3,21	31	61,6%	3,28	55	30,80%
406	TO	Topoľčany	3,21	35	56,5%	3,43	45	43,6%	2,97	34	57,70%
407	ZM	Zlaté Moravce	3,46	57	28,3%	3,63	67	15,4%	3,12	45	43,60%
501	BY	Bytča	3,26	38	52,6%	3,42	44	44,9%	3,30	63	20,60%
502	CA	Cadca	3,66	71	10,3%	3,82	77	2,6%	2,78	17	79,50%
503	DK	Dolný Kubín	3,34	45	43,6%	3,33	37	53,9%	2,86	26	68,00%
504	KM	Kysucké Nové Mesto	3,66	70	11,6%	3,13	21	74,4%	3,25	54	32,10%
505	LM	Liptovský Mikuláš	2,84	11	87,2%	3,26	34	57,7%	2,91	30	62,90%
506	MT	Martín	3,16	31	61,6%	2,90	7	92,4%	2,79	21	74,40%
507	NO	Námestovo	2,98	19	77,0%	3,38	40	50,0%	3,30	64	19,30%
508	RK	Ružomberok	2,84	12	85,9%	3,38	41	48,8%	2,56	9	89,80%
509	TR	Turčianske Teplice	3,20	34	57,7%	3,60	63	20,6%	2,79	20	75,70%
510	TS	Tvrdošín	3,69	74	6,5%	3,43	46	42,4%	2,81	22	73,10%
511	ZA	Žilina	3,28	39	51,3%	3,57	59	25,7%	3,09	43	46,20%
601	BB	Banská Bystrica	3,00	22	73,1%	2,91	8	91,1%	2,65	12	85,90%
602	BS	Banská Štiavnica	3,13	30	62,9%	3,61	64	19,3%	3,45	77	2,60%
603	BR	Brezno	3,23	36	55,2%	3,43	47	41,1%	3,31	66	16,70%
604	DT	Detva	3,32	44	44,9%	3,50	53	33,4%	3,40	73	7,70%
605	KA	Krupina	3,18	33	59,0%	3,57	60	24,4%	3,50	78	1,30%
606	LC	Lučenec	3,45	56	29,5%	3,47	50	37,2%	3,21	49	38,50%
607	PT	Poltár	3,55	61	23,1%	3,52	55	30,8%	3,43	76	3,90%
608	RA	Revúca	2,99	20	75,7%	3,20	29	64,2%	3,20	48	39,80%
609	RS	Rimavská Sobota	3,11	27	66,7%	3,54	58	27,0%	3,17	47	41,10%
610	VK	Veľký Krtíš	3,38	49	38,5%	3,88	78	1,3%	3,22	51	35,90%
611	ZV	Zvolen	2,70	6	93,6%	3,47	51	35,9%	2,95	32	60,30%
612	ZC	Žarnovica	3,12	28	65,4%	3,73	75	5,2%	3,23	52	34,70%
613	ZH	Žiar nad Hronom	3,72	76	3,9%	3,33	36	55,2%	2,97	35	56,50%
701	BJ	Bardejov	3,13	29	64,2%	3,17	28	65,4%	3,05	41	48,80%
702	HE	Humenné	3,03	24	70,6%	3,03	17	79,5%	2,87	27	66,70%
703	KK	Kežmarok	3,56	64	19,3%	3,69	70	11,6%	3,30	60	24,40%
704	LE	Levoča	3,48	59	25,7%	3,65	69	12,9%	3,28	56	29,50%
705	ML	Medzilaborce	3,62	68	14,2%	3,71	73	7,7%	3,05	40	50,00%
706	PP	Poprad	3,01	23	71,8%	3,17	27	66,7%	2,94	31	61,60%
707	PO	Prešov	3,39	50	37,2%	3,21	32	60,3%	2,67	14	83,40%
708	SB	Sabinov	3,58	66	16,7%	3,03	16	80,8%	3,01	38	52,60%
709	SV	Snina	2,68	5	94,9%	2,78	3	97,5%	2,28	2	98,80%
710	SL	Stará Ľubovňa	2,85	14	83,4%	3,14	22	73,1%	3,06	42	47,50%
711	SP	Stropkov	3,58	65	18,0%	3,71	72	9,0%	2,82	24	70,60%
712	SK	Svidník	3,64	69	12,9%	3,36	38	52,6%	3,10	44	44,90%
713	VT	Vranov nad Topľou	2,88	15	82,1%	2,76	2	98,8%	2,66	13	84,70%
801	GL	Gelnica	3,42	53	33,4%	3,41	43	46,2%	3,38	71	10,30%
802	K1	Košice I	2,68	4	96,2%	3,02	13	84,7%	2,50	6	93,60%
803	K2	Košice II	3,30	40	50,0%	3,01	12	85,9%	2,49	5	94,90%
804	K3	Košice III	2,55	2	98,8%	2,95	9	89,8%	2,21	1	100,00%
805	K4	Košice IV	3,31	43	46,2%	3,06	19	77,0%	3,29	59	25,70%
806	KS	Košice-okolie	3,18	32	60,3%	3,37	39	51,3%	3,31	65	18,00%
807	MI	Michalovce	3,59	67	15,4%	3,73	76	3,9%	3,30	61	23,10%
808	RV	Rožňava	3,74	77	2,6%	3,51	54	32,1%	2,88	28	65,40%
809	SO	Sobrance	3,31	41	48,8%	3,73	74	6,5%	2,99	37	53,90%
810	SN	Spišská Nová Ves	3,42	52	34,7%	3,28	35	56,5%	2,84	25	69,30%
811	TV	Trebišov	3,71	75	5,2%	3,64	68	14,2%	3,38	72	9,00%

Standardized neoplasms mortality rates, females

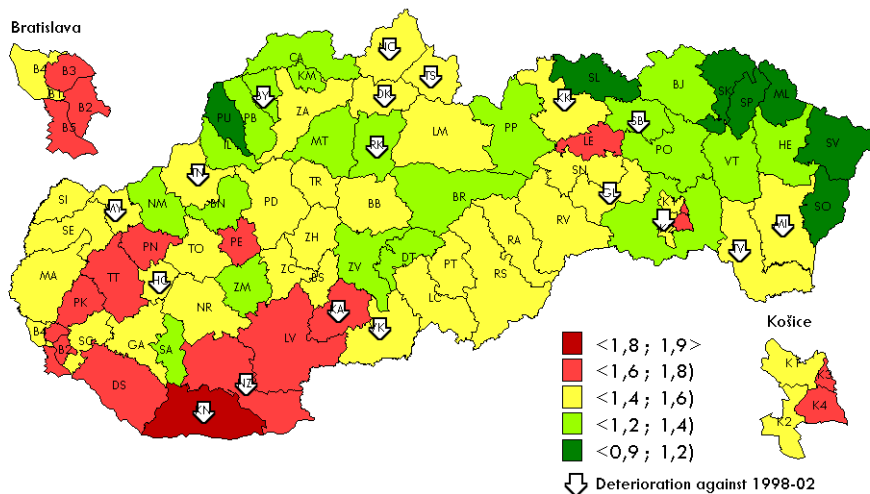
Period 1993-97



Period 1998-02



Period 2003-07



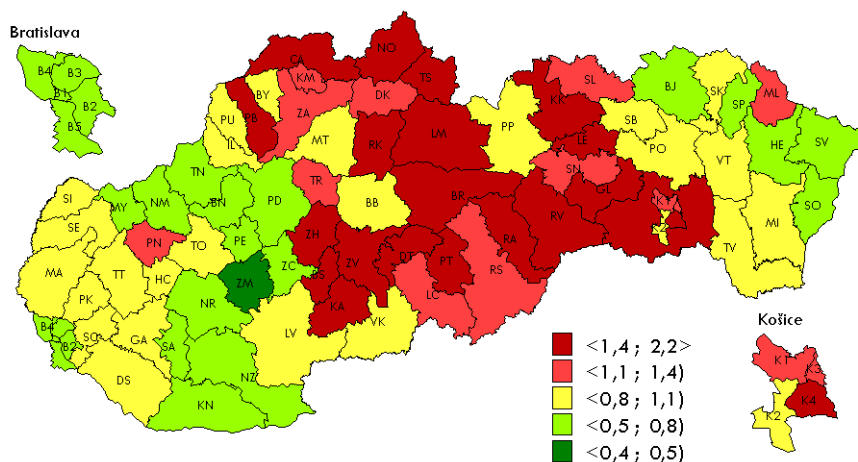
- Large scale female mortality increase due to neoplasms from period 1993-97 to 1998-02.
- In 8 districts the mortality increase continued in the period 2003-07, namely in districts of Trenčín, Košice, Dolný Kubín, Tvrdošín, Kežmarok, Gelnica and Trebišov.
- In the most recent period relatively high mortality was recorded in the South-Western districts of Slovakia.
- Low mortality due to neoplasms was recorded in the North-East part of Slovakia.
- Relatively high mortality due to neoplasms was in the districts of Bratislava.

Standardized neoplasms mortality rates, females

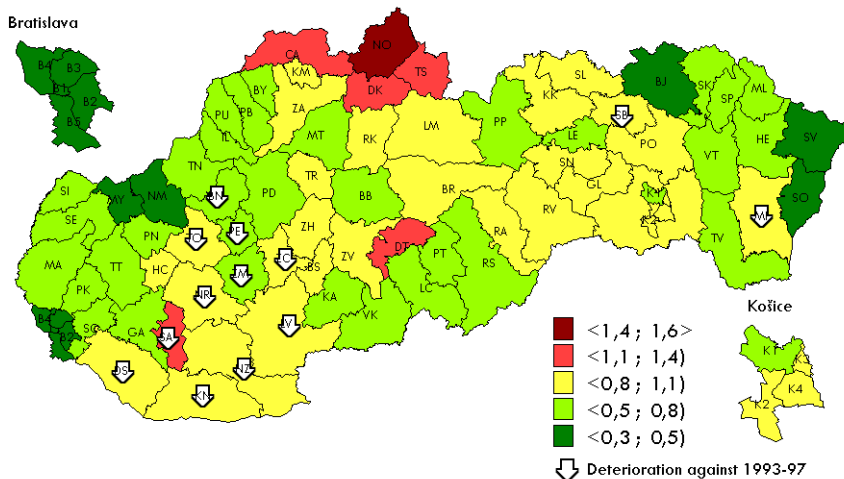
			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	1,72	66	16,7%	1,83	75	5,2%	1,60	64	19,3%
102	B2	Bratislava II	1,79	74	6,5%	1,88	78	1,3%	1,63	69	12,9%
103	B3	Bratislava III	1,74	69	12,9%	1,90	79	0,0%	1,75	77	2,6%
104	B4	Bratislava IV	1,74	68	14,2%	1,75	69	12,9%	1,55	59	25,7%
105	B5	Bratislava V	1,92	78	1,3%	1,72	66	16,7%	1,70	74	6,5%
106	MA	Malacky	1,59	52	34,7%	1,65	56	29,5%	1,48	53	33,4%
107	PK	Pezinok	1,44	30	62,9%	1,76	70	11,6%	1,70	75	5,2%
108	SC	Senec	1,68	64	19,3%	1,69	60	24,4%	1,45	39	51,3%
201	DS	Dunajská Streda	1,79	73	7,7%	1,68	59	25,7%	1,62	67	15,4%
202	GA	Galanta	1,66	63	20,6%	1,58	47	41,1%	1,43	35	56,5%
203	HC	Hlohovec	1,66	61	23,1%	1,46	29	64,2%	1,47	47	41,1%
204	PN	Piešťany	1,76	72	9,0%	1,64	54	32,1%	1,60	65	18,0%
205	SE	Senica	1,61	55	30,8%	1,75	68	14,2%	1,57	62	21,8%
206	SI	Skalica	1,74	70	11,6%	1,86	76	3,9%	1,56	61	23,1%
207	TT	Trnava	1,59	49	38,5%	1,70	61	23,1%	1,61	66	16,7%
301	BN	Bánovce nad Bebravou	1,63	57	28,3%	1,49	33	59,0%	1,31	14	83,4%
302	IL	Ilava	1,54	45	43,6%	1,41	19	77,0%	1,37	24	70,6%
303	MY	Myjava	1,60	54	32,1%	1,31	12	85,9%	1,51	55	30,8%
304	NM	Nové Mesto nad Váhom	1,50	40	50,0%	1,43	22	73,1%	1,31	15	82,1%
305	PE	Partizánske	1,59	50	37,2%	1,72	65	18,0%	1,62	68	14,2%
306	PB	Považská Bystrica	1,43	28	65,4%	1,54	43	46,2%	1,22	9	89,8%
307	PD	Prievidza	1,43	29	64,2%	1,49	34	57,7%	1,42	34	57,7%
308	PU	Púchov	1,16	4	96,2%	1,25	6	93,6%	1,19	7	92,4%
309	TN	Trenčín	1,20	7	92,4%	1,39	17	79,5%	1,40	29	64,2%
401	KN	Komárno	1,60	53	33,4%	1,78	72	9,0%	1,87	79	0,0%
402	LV	Levice	1,76	71	10,3%	1,71	63	20,6%	1,64	71	10,3%
403	NR	Nitra	1,84	77	2,6%	1,61	50	37,2%	1,59	63	20,6%
404	NZ	Nové Zámky	1,65	60	24,4%	1,66	58	27,0%	1,69	73	7,7%
405	SA	Šaľa	1,82	76	3,9%	1,64	53	33,4%	1,34	16	80,8%
406	TO	Topoľčany	1,70	65	18,0%	1,74	67	15,4%	1,52	56	29,5%
407	ZM	Zlaté Moravce	1,45	33	59,0%	1,56	44	44,9%	1,28	13	84,7%
501	BY	Bytča	1,33	18	78,3%	1,30	9	89,8%	1,36	22	73,1%
502	CA	Cadca	1,31	15	82,1%	1,54	40	50,0%	1,35	20	75,7%
503	DK	Dolný Kubín	1,26	9	89,8%	1,31	11	87,2%	1,50	54	32,1%
504	KM	Kysucké Nové Mesto	1,32	16	80,8%	1,59	49	38,5%	1,40	28	65,4%
505	LM	Liptovský Mikuláš	1,33	19	77,0%	1,43	25	69,3%	1,41	31	61,6%
506	MT	Martín	1,28	11	87,2%	1,50	35	56,5%	1,40	27	66,7%
507	NO	Námestovo	1,35	21	74,4%	1,19	2	98,8%	1,48	49	38,5%
508	RK	Ružomberok	1,40	25	69,3%	1,32	13	84,7%	1,35	19	77,0%
509	TR	Turčianske Teplice	1,48	36	55,2%	1,53	38	52,6%	1,45	38	52,6%
510	TS	Tvrdošín	1,29	13	84,7%	1,44	26	68,0%	1,46	43	46,2%
511	ZA	Žilina	1,50	41	48,8%	1,58	46	42,4%	1,48	51	35,9%
601	BB	Banská Bystrica	1,61	56	29,5%	1,54	42	47,5%	1,46	46	42,4%
602	BS	Banská Štiavnica	1,24	8	91,1%	1,58	48	39,8%	1,45	40	50,0%
603	BR	Brezno	1,27	10	88,5%	1,35	15	82,1%	1,35	18	78,3%
604	DT	Detva	1,16	3	97,5%	1,39	18	78,3%	1,24	11	87,2%
605	KA	Krupina	1,54	46	42,4%	1,30	10	88,5%	1,75	78	1,3%
606	LC	Lučenec	1,49	39	51,3%	1,50	36	55,2%	1,43	36	55,2%
607	PT	Poltár	1,47	35	56,5%	1,46	30	62,9%	1,46	45	43,6%
608	RA	Revúca	1,44	31	61,6%	1,72	64	19,3%	1,47	48	39,8%
609	RS	Rimavská Sobota	1,65	59	25,7%	1,62	51	35,9%	1,46	44	44,9%
610	VK	Veľký Krtíš	1,57	47	41,1%	1,43	20	75,7%	1,46	41	48,8%
611	ZV	Zvolen	1,15	2	98,8%	1,48	32	60,3%	1,35	17	79,5%
612	ZC	Žarnovica	1,53	44	44,9%	1,65	55	30,8%	1,48	52	34,7%
613	ZH	Žiar nad Hronom	1,74	67	15,4%	1,66	57	28,3%	1,42	32	60,3%
701	BJ	Bardejov	1,30	14	83,4%	1,30	8	91,1%	1,23	10	88,5%
702	HE	Humenné	1,41	26	68,0%	1,45	28	65,4%	1,21	8	91,1%
703	KK	Kežmarok	1,32	17	79,5%	1,43	23	71,8%	1,54	58	27,0%
704	LE	Levoča	1,59	51	35,9%	1,77	71	10,3%	1,66	72	9,0%
705	ML	Medzilaborce	1,36	22	73,1%	1,79	73	7,7%	1,08	3	97,5%
706	PP	Poprad	1,45	32	60,3%	1,46	31	61,6%	1,38	26	68,0%
707	PO	Prešov	1,48	37	53,9%	1,43	21	74,4%	1,37	25	69,3%
708	SB	Sabinov	1,48	38	52,6%	1,24	5	94,9%	1,35	21	74,4%
709	SV	Snina	1,18	5	94,9%	1,09	1	100,0%	1,08	4	96,2%
710	SL	Stará Ľubovňa	1,10	1	100,0%	1,20	3	97,5%	1,07	2	98,8%
711	SP	Stropkov	1,38	23	71,8%	1,45	27	66,7%	1,10	5	94,9%
712	SK	Svidník	1,35	20	75,7%	1,22	4	96,2%	1,16	6	93,6%
713	VT	Vranov nad Topľou	1,19	6	93,6%	1,28	7	92,4%	1,26	12	85,9%
801	GL	Gelnica	1,28	12	85,9%	1,33	14	83,4%	1,48	50	37,2%
802	K1	Košice I	1,53	42	47,5%	1,87	77	2,6%	1,44	37	53,9%
803	K2	Košice II	1,59	48	39,8%	1,63	52	34,7%	1,54	57	28,3%
804	K3	Košice III	1,81	75	5,2%	1,80	74	6,5%	1,73	76	3,9%
805	K4	Košice IV	1,95	79	0,0%	1,70	62	21,8%	1,64	70	11,6%
806	KS	Košice-okolie	1,43	27	66,7%	1,36	16	80,8%	1,37	23	71,8%
807	MI	Michalovce	1,45	34	57,7%	1,43	24	70,6%	1,46	42	47,5%
808	RV	Rožňava	1,63	58	27,0%	1,57	45	43,6%	1,41	30	62,9%
809	SO	Sobrance	1,38	24	70,6%	1,54	41	48,8%	0,95	1	100,0%
810	SN	Spišská Nová Ves	1,66	62	21,8%	1,51	37	53,9%	1,42	33	59,0%
811	TV	Trebišov	1,53	43	46,2%	1,53	39	51,3%	1,55	60	24,4%

Standardized respiratory system mortality rates, males

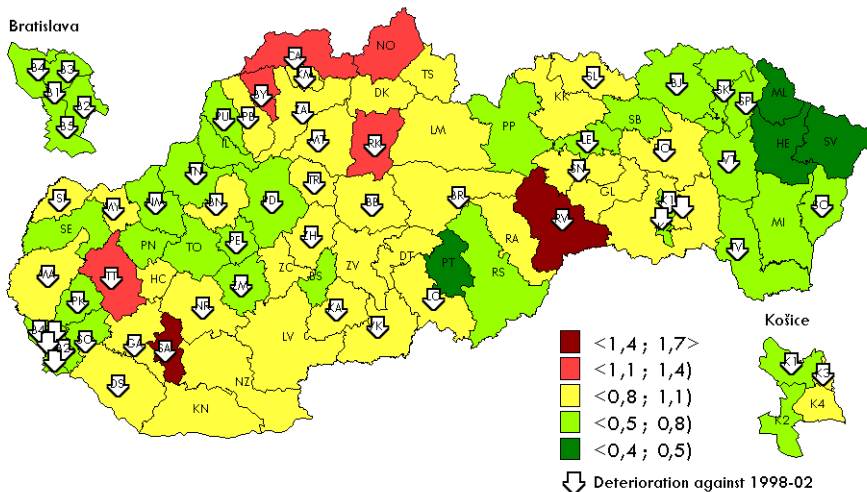
Period 1993-97



Period 1998-02



Period 2003-07



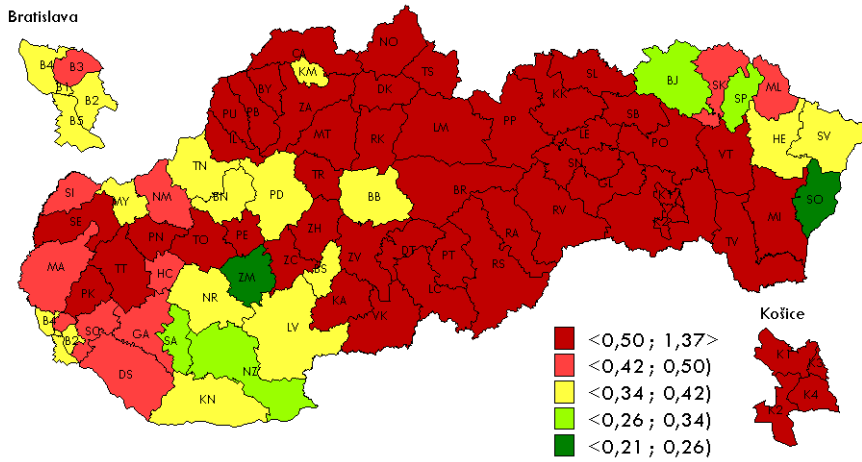
- Male mortality due to respiratory system diseases shows an improvement from period 1993-97 to 1998-02 and it gets worse from period 1998-02 to 2003-07.
- In 6 districts was recorded increased male mortality due to respiratory system diseases through all examined periods, namely in Dunajská Streda, Bánovce nad Bebravou, Partizánske, Nitra, Šaľa and Zlaté Moravce.
- The largest increase of male mortality due to respiratory system diseases was recorded in the district of Šala, which moved from the group with the lowest mortality to the group with the highest mortality during the examined periods.

Standardized respiratory system mortality rates, males

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	0,62	8	91,1%	0,33	1	100,0%	0,55	7	92,4%
102	B2	Bratislava II	0,65	11	87,2%	0,47	6	93,6%	0,74	31	61,6%
103	B3	Bratislava III	0,64	10	88,5%	0,48	8	91,1%	0,68	20	75,7%
104	B4	Bratislava IV	0,77	20	75,7%	0,39	2	98,8%	0,51	5	94,9%
105	B5	Bratislava V	0,67	13	84,7%	0,46	5	94,9%	0,63	11	87,2%
106	MA	Malacky	0,96	37	53,9%	0,55	12	85,9%	0,84	42	47,5%
107	PK	Pezinok	1,04	41	48,8%	0,69	35	56,5%	0,71	23	71,8%
108	SC	Senec	0,80	23	71,8%	0,55	14	83,4%	0,72	25	69,3%
201	DS	Dunajská Streda	0,84	26	68,0%	0,86	49	38,5%	0,91	57	28,3%
202	GA	Galanta	0,84	27	66,7%	0,69	34	57,7%	0,93	59	25,7%
203	HC	Hlohovec	0,95	35	56,5%	0,91	57	28,3%	0,83	41	48,8%
204	PN	Piešťany	1,10	48	39,8%	0,66	28	65,4%	0,65	12	85,9%
205	SE	Senica	0,90	30	62,9%	0,75	40	50,0%	0,72	24	70,6%
206	SI	Skalica	1,07	46	42,4%	0,77	41	48,8%	0,88	50	37,2%
207	TT	Trnava	1,00	39	51,3%	0,79	43	46,2%	1,11	73	7,7%
301	BN	Bánovce nad Bebravou	0,58	6	93,6%	0,70	36	55,2%	0,88	51	35,9%
302	IL	Ilava	0,96	38	52,6%	0,79	42	47,5%	0,62	10	88,5%
303	MY	Myjava	0,80	22	73,1%	0,48	9	89,8%	0,85	44	44,9%
304	NM	Nové Mesto nad Váhom	0,57	5	94,9%	0,48	10	88,5%	0,73	30	62,9%
305	PE	Partizánske	0,53	3	97,5%	0,55	13	84,7%	0,65	13	84,7%
306	PB	Považská Bystrica	1,73	75	5,2%	0,67	31	61,6%	0,90	53	33,4%
307	PD	Prievidza	0,78	21	74,4%	0,56	15	82,1%	0,67	19	77,0%
308	PU	Púchov	1,04	42	47,5%	0,65	26	68,0%	0,75	33	59,0%
309	TN	Trenčín	0,59	7	92,4%	0,58	19	77,0%	0,62	9	89,8%
401	KN	Komárno	0,74	18	78,3%	0,90	56	29,5%	0,82	39	51,3%
402	LV	Levice	0,85	28	65,4%	1,02	70	11,6%	0,80	36	55,2%
403	NR	Nitra	0,73	17	79,5%	0,86	50	37,2%	0,94	61	23,1%
404	NZ	Nové Zámky	0,71	16	80,8%	0,96	63	20,6%	0,82	40	50,0%
405	SA	Šaľa	0,52	2	98,8%	1,29	77	2,6%	1,68	79	0,0%
406	TO	Topoľčany	0,89	29	64,2%	0,97	65	18,0%	0,79	35	56,5%
407	ZM	Zlaté Moravce	0,45	1	100,0%	0,59	20	75,7%	0,73	28	65,4%
501	BY	Bytča	0,92	31	61,6%	0,63	24	70,6%	1,21	75	5,2%
502	CA	Cadca	1,60	67	15,4%	1,11	74	6,5%	1,36	77	2,6%
503	DK	Dolný Kubín	1,31	59	25,7%	1,12	75	5,2%	0,86	46	42,4%
504	KM	Kysucké Nové Mesto	1,20	55	30,8%	1,00	69	12,9%	1,04	68	14,2%
505	LM	Liptovský Mikuláš	1,62	69	12,9%	0,98	68	14,2%	0,88	49	38,5%
506	MT	Martín	1,08	47	41,1%	0,73	39	51,3%	1,06	71	10,3%
507	NO	Námestovo	1,58	66	16,7%	1,54	79	0,0%	1,28	76	3,9%
508	RK	Ružomberok	2,22	79	0,0%	0,97	66	16,7%	1,12	74	6,5%
509	TR	Turčianske Teplice	1,17	53	33,4%	0,95	62	21,8%	1,01	66	16,7%
510	TS	Trvdosín	1,61	68	14,2%	1,28	76	3,9%	1,04	69	12,9%
511	ZA	Žilina	1,10	50	37,2%	0,88	53	33,4%	0,90	54	32,1%
601	BB	Banská Bystrica	1,06	44	44,9%	0,61	21	74,4%	0,95	62	21,8%
602	BS	Banská Štiavnica	1,64	70	11,6%	1,07	72	9,0%	0,66	16	80,8%
603	BR	Brezno	1,50	63	20,6%	0,87	51	35,9%	1,10	72	9,0%
604	DT	Detva	2,10	77	2,6%	1,35	78	1,3%	0,90	52	34,7%
605	KA	Krupina	1,57	65	18,0%	0,63	23	71,8%	0,86	45	43,6%
606	LC	Lučenec	1,23	58	27,0%	0,62	22	73,1%	0,81	38	52,6%
607	PT	Poltár	1,45	62	21,8%	0,67	30	62,9%	0,45	2	98,8%
608	RA	Revúca	1,71	73	7,7%	0,94	61	23,1%	0,94	60	24,4%
609	RS	Rimavská Sobota	1,21	56	29,5%	0,70	37	53,9%	0,69	21	74,4%
610	VK	Veľký Krtíš	1,02	40	50,0%	0,66	27	66,7%	0,90	55	30,8%
611	ZV	Zvolen	2,21	78	1,3%	0,81	45	43,6%	0,81	37	53,9%
612	ZC	Žarnovica	0,70	14	83,4%	0,89	54	32,1%	0,84	43	46,2%
613	ZH	Žiar nad Hronom	1,66	71	10,3%	0,84	47	41,1%	0,92	58	27,0%
701	BJ	Bardejov	0,67	12	85,9%	0,39	3	97,5%	0,62	8	91,1%
702	HE	Humenné	0,74	19	77,0%	0,57	18	78,3%	0,49	4	96,2%
703	KK	Kežmarok	1,52	64	19,3%	1,09	73	7,7%	1,05	70	11,6%
704	LE	Levoča	1,66	72	9,0%	0,63	25	69,3%	0,66	15	82,1%
705	ML	Medzilaborce	1,10	49	38,5%	0,56	17	79,5%	0,49	3	97,5%
706	PP	Poprad	0,94	33	59,0%	0,73	38	52,6%	0,65	14	83,4%
707	PO	Prešov	0,95	34	57,7%	0,85	48	39,8%	0,87	47	41,1%
708	SB	Sabinov	0,92	32	60,3%	0,98	67	15,4%	0,79	34	57,7%
709	SV	Snina	0,62	9	89,8%	0,48	7	92,4%	0,39	1	100,0%
710	SL	Stará Ľubovňa	1,11	51	35,9%	0,88	52	34,7%	0,90	56	29,5%
711	SP	Stropkov	0,71	15	82,1%	0,67	32	60,3%	0,73	29	64,2%
712	SK	Svidník	0,95	36	55,2%	0,55	11	87,2%	0,66	18	78,3%
713	VT	Vranov nad Topľou	0,81	24	70,6%	0,56	16	80,8%	0,66	17	79,5%
801	GL	Gelnica	1,42	60	24,4%	1,04	71	10,3%	1,00	65	18,0%
802	K1	Košice I	1,17	54	32,1%	0,68	33	59,0%	0,72	27	66,7%
803	K2	Košice II	1,04	43	46,2%	0,81	44	44,9%	0,75	32	60,3%
804	K3	Košice III	1,22	57	28,3%	0,81	46	42,4%	0,95	63	20,6%
805	K4	Košice IV	1,76	76	3,9%	0,96	64	19,3%	0,87	48	39,8%
806	KS	Košice-okolie	1,44	61	23,1%	0,94	60	24,4%	1,03	67	15,4%
807	MI	Michalovce	0,84	25	69,3%	0,90	55	30,8%	0,72	26	68,0%
808	RV	Rožňava	1,72	74	6,5%	0,92	58	27,0%	1,44	78	1,3%
809	SO	Sobrance	0,53	4	96,2%	0,46	4	96,2%	0,52	6	93,6%
810	SN	Spišská Nová Ves	1,13	52	34,7%	0,93	59	25,7%	0,96	64	19,3%
811	TV	Trebišov	1,06	45	43,6%	0,66	29	64,2%	0,70	22	73,1%

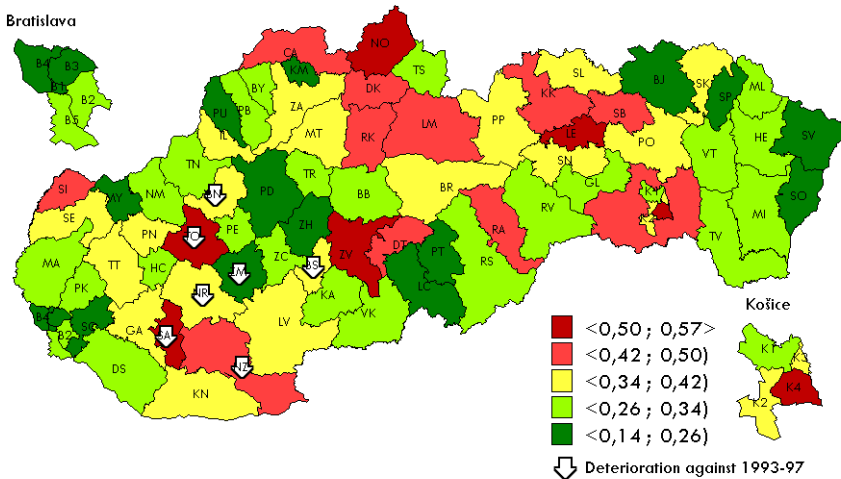
Standardized respiratory system mortality rates, females

Period 1993-97

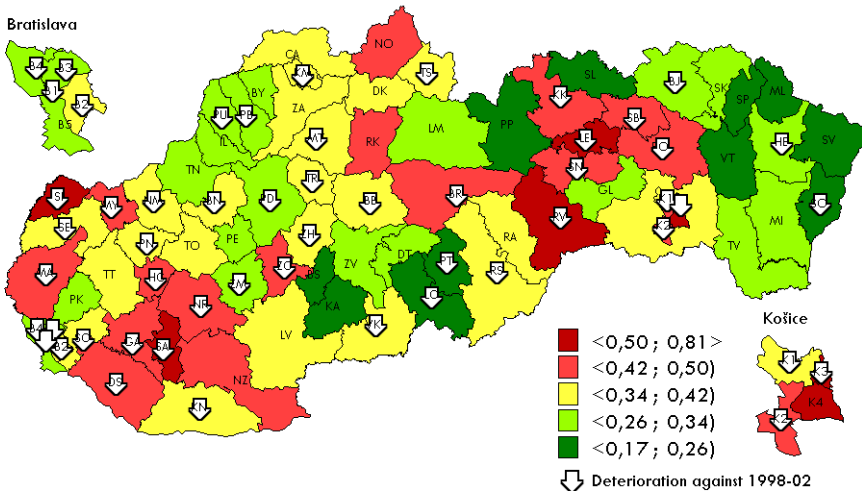


- Female mortality due to respiratory system diseases shows an improvement from period 1993-97 to 1998-02 and it gets worse from period 1998-02 to 2003-07.
- In 4 districts was recorded increased female mortality due to respiratory system diseases through all examined periods, namely in Bánovce nad Bebravou, Nitra, Šaľa and Zlaté Moravce.
- The largest increase of female mortality due to respiratory system disease was recorded in the district of Šala, which moved from the group with the lowest mortality to the group with the highest mortality during the examined periods.

Period 1998-02



Period 2003-07

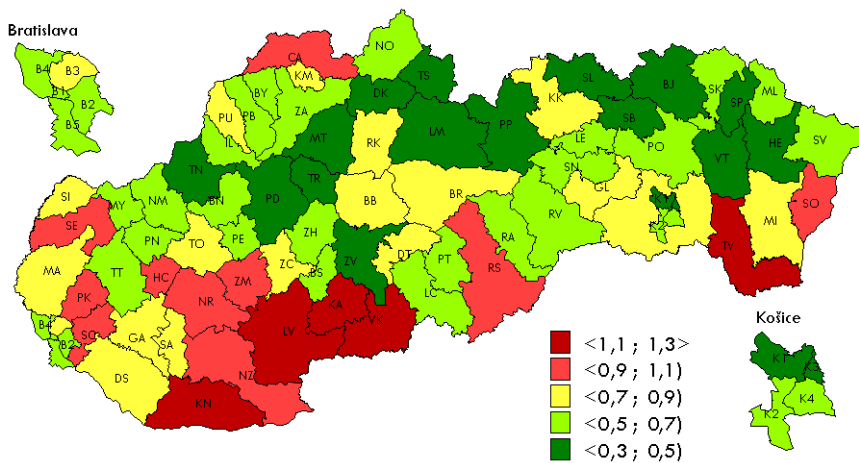


Standardized respiratory system mortality rates, females

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	0,38	15	82,1%	0,21	5	94,9%	0,24	8	91,1%
102	B2	Bratislava II	0,36	8	91,1%	0,27	17	79,5%	0,35	34	57,7%
103	B3	Bratislava III	0,42	23	71,8%	0,24	13	84,7%	0,29	19	77,0%
104	B4	Bratislava IV	0,40	17	79,5%	0,20	4	96,2%	0,28	17	79,5%
105	B5	Bratislava V	0,36	9	89,8%	0,28	19	77,0%	0,26	13	84,7%
106	MA	Malacky	0,48	30	62,9%	0,29	22	73,1%	0,42	59	25,7%
107	PK	Pezinok	0,52	34	57,7%	0,33	38	52,6%	0,30	24	70,6%
108	SC	Senec	0,44	24	70,6%	0,23	10	88,5%	0,36	39	51,3%
201	DS	Dunajská Streda	0,44	25	69,3%	0,34	39	51,3%	0,43	63	20,6%
202	GA	Galanta	0,46	27	66,7%	0,35	44	44,9%	0,42	60	24,4%
203	HC	Hlohovec	0,49	31	61,6%	0,34	41	48,8%	0,42	58	27,0%
204	PN	Piešťany	0,70	59	25,7%	0,35	46	42,4%	0,41	56	29,5%
205	SE	Senica	0,68	57	28,3%	0,35	45	43,6%	0,39	50	37,2%
206	SI	Skalica	0,47	28	65,4%	0,47	68	14,2%	0,64	78	1,3%
207	TT	Trnava	0,55	37	53,9%	0,40	58	27,0%	0,38	45	43,6%
301	BN	Bánovce nad Bebravou	0,36	10	88,5%	0,37	48	39,8%	0,39	51	35,9%
302	IL	Ilava	0,66	54	32,1%	0,37	49	38,5%	0,29	18	78,3%
303	MY	Myjava	0,42	20	75,7%	0,25	15	82,1%	0,45	68	14,2%
304	NM	Nové Mesto nad Váhom	0,47	29	64,2%	0,29	21	74,4%	0,36	40	50,0%
305	PE	Partizánske	0,50	33	59,0%	0,31	27	66,7%	0,31	25	69,3%
306	PB	Považská Bystrica	0,90	69	12,9%	0,28	18	78,3%	0,31	27	66,7%
307	PD	Prievidza	0,36	7	92,4%	0,24	12	85,9%	0,27	15	82,1%
308	PU	Púchov	0,60	47	41,1%	0,23	11	87,2%	0,28	16	80,8%
309	TN	Trenčín	0,36	11	87,2%	0,31	24	70,6%	0,30	23	71,8%
401	KN	Komárno	0,42	21	74,4%	0,39	52	34,7%	0,39	48	39,8%
402	LV	Levice	0,42	22	73,1%	0,37	50	37,2%	0,35	36	55,2%
403	NR	Nitra	0,37	14	83,4%	0,41	60	24,4%	0,46	69	12,9%
404	NZ	Nové Zámky	0,33	6	93,6%	0,49	72	9,0%	0,44	66	16,7%
405	SA	Šaľa	0,30	5	94,9%	0,51	75	5,2%	0,81	79	0,0%
406	TO	Topoľčany	0,53	35	56,5%	0,53	77	2,6%	0,40	52	34,7%
407	ZM	Zlaté Moravce	0,21	1	100,0%	0,21	6	93,6%	0,33	32	60,3%
501	BY	Bytča	0,59	44	44,9%	0,33	35	56,5%	0,32	28	65,4%
502	CA	Cadca	0,56	39	51,3%	0,43	64	19,3%	0,40	54	32,1%
503	DK	Dolný Kubín	0,91	70	11,6%	0,45	67	15,4%	0,36	38	52,6%
504	KM	Kysucké Nové Mesto	0,41	19	77,0%	0,22	9	89,8%	0,39	49	38,5%
505	LM	Liptovský Mikuláš	1,01	72	9,0%	0,44	65	18,0%	0,31	26	68,0%
506	MT	Martín	0,57	42	47,5%	0,36	47	41,1%	0,38	46	42,4%
507	NO	Námestovo	0,64	50	37,2%	0,57	79	0,0%	0,47	71	10,3%
508	RK	Ružomberok	1,19	77	2,6%	0,47	69	12,9%	0,43	64	19,3%
509	TR	Turčianske Teplice	0,65	51	35,9%	0,32	33	59,0%	0,36	41	48,8%
510	TS	Tvrdošín	0,73	63	20,6%	0,32	29	64,2%	0,35	35	56,5%
511	ZA	Žilina	0,55	38	52,6%	0,39	55	30,8%	0,39	47	41,1%
601	BB	Banská Bystrica	0,41	18	78,3%	0,33	37	53,9%	0,40	53	33,4%
602	BS	Banská Štiavnica	0,37	12	85,9%	0,41	61	23,1%	0,21	5	94,9%
603	BR	Brezno	0,83	66	16,7%	0,40	56	29,5%	0,43	62	21,8%
604	DT	Detva	1,22	78	1,3%	0,50	73	7,7%	0,33	30	62,9%
605	KA	Krupina	0,68	56	29,5%	0,32	32	60,3%	0,20	4	96,2%
606	LC	Lučenec	0,74	64	19,3%	0,22	8	91,1%	0,22	7	92,4%
607	PT	Poltár	0,65	52	34,7%	0,20	3	97,5%	0,26	11	87,2%
608	RA	Revúca	1,12	75	5,2%	0,48	70	11,6%	0,36	37	53,9%
609	RS	Rimavská Sobota	0,57	41	48,8%	0,28	20	75,7%	0,38	44	44,9%
610	VK	Veľký Krtíš	0,61	49	38,5%	0,32	28	65,4%	0,37	43	46,2%
611	ZV	Zvolen	1,37	79	0,0%	0,55	78	1,3%	0,34	33	59,0%
612	ZC	Zarnovica	0,59	45	43,6%	0,34	40	50,0%	0,42	61	23,1%
613	ZH	Žiar nad Hronom	0,72	61	23,1%	0,25	16	80,8%	0,41	55	30,8%
701	BJ	Bardejov	0,28	3	97,5%	0,14	1	100,0%	0,27	14	83,4%
702	HE	Humenné	0,37	13	84,7%	0,31	26	68,0%	0,33	31	61,6%
703	KK	Kežmarok	1,01	73	7,7%	0,43	63	20,6%	0,43	65	18,0%
704	LE	Levoča	1,15	76	3,9%	0,50	74	6,5%	0,53	75	5,2%
705	ML	Medzilaborce	0,50	32	60,3%	0,30	23	71,8%	0,18	2	98,8%
706	PP	Poprad	0,66	53	33,4%	0,34	43	46,2%	0,26	12	85,9%
707	PO	Prešov	0,55	36	55,2%	0,40	57	28,3%	0,44	67	15,4%
708	SB	Sabinov	0,67	55	30,8%	0,45	66	16,7%	0,47	70	11,6%
709	SV	Snina	0,38	16	80,8%	0,24	14	83,4%	0,21	6	93,6%
710	SL	Stará Ľubovňa	0,80	65	18,0%	0,39	54	32,1%	0,25	9	89,8%
711	SP	Stropkov	0,29	4	96,2%	0,21	7	92,4%	0,17	1	100,0%
712	SK	Svidník	0,45	26	68,0%	0,41	59	25,7%	0,33	29	64,2%
713	VT	Vranov nad Topľou	0,60	46	42,4%	0,33	36	55,2%	0,25	10	88,5%
801	GL	Gelnica	0,72	62	21,8%	0,34	42	47,5%	0,30	20	75,7%
802	K1	Košice I	0,68	58	27,0%	0,32	30	62,9%	0,37	42	47,5%
803	K2	Košice II	0,58	43	46,2%	0,39	53	33,4%	0,48	72	9,0%
804	K3	Košice III	0,90	68	14,2%	0,39	51	35,9%	0,58	76	3,9%
805	K4	Košice IV	1,05	74	6,5%	0,53	76	3,9%	0,53	74	6,5%
806	KS	Košice-okolie	0,86	67	15,4%	0,48	71	10,3%	0,42	57	28,3%
807	MI	Michalovce	0,56	40	50,0%	0,32	31	61,6%	0,30	22	73,1%
808	RV	Rožňava	0,99	71	10,3%	0,31	25	69,3%	0,61	77	2,6%
809	SO	Sobrance	0,26	2	98,8%	0,18	2	98,8%	0,19	3	97,5%
810	SN	Spišská Nová Ves	0,72	60	24,4%	0,41	62	21,8%	0,49	73	7,7%
811	TV	Trebišov	0,60	48	39,8%	0,33	34	57,7%	0,30	21	74,4%

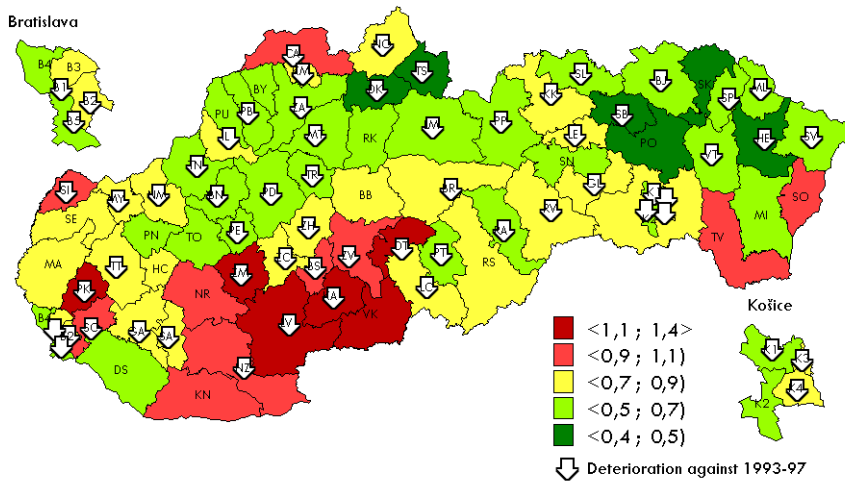
Standardized digestive system mortality rates, males

Period 1993-97

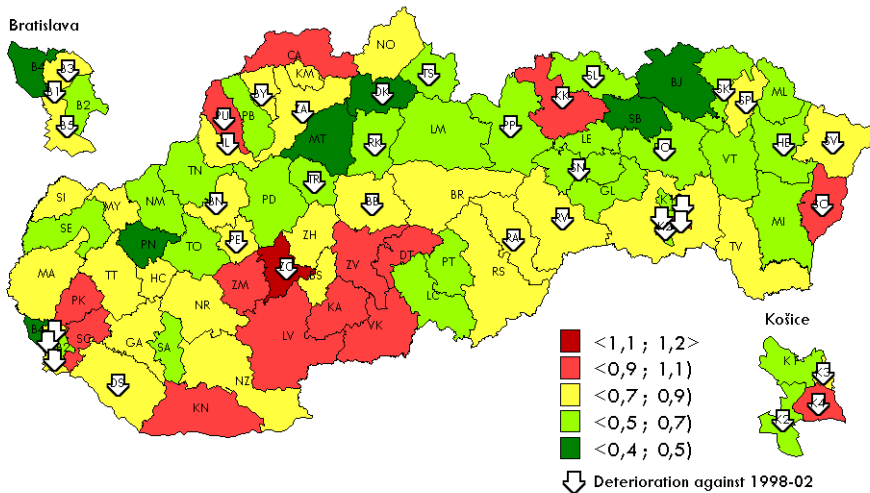


- Male mortality increase due to digestive system diseases was recorded through the all examined periods in 21 districts.

Period 1998-02



Period 2003-07

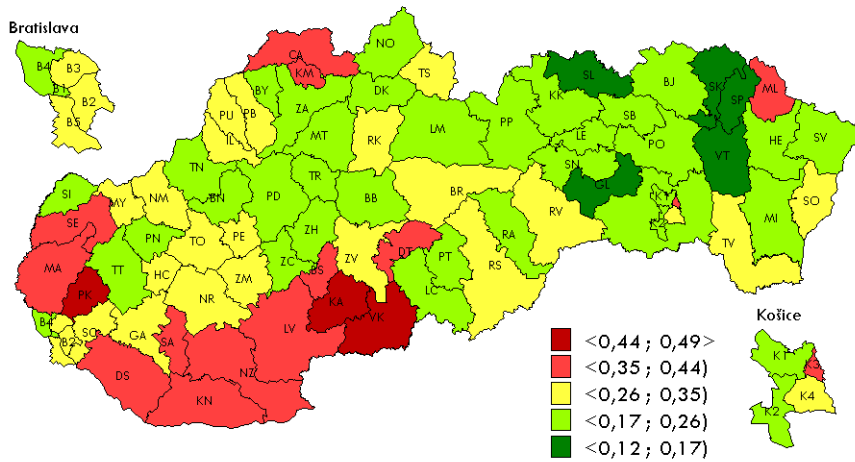


Standardized digestive system mortality rates, males

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	0,57	27	66,7%	0,58	14	83,4%	0,60	17	79,50%
102	B2	Bratislava II	0,65	40	50,0%	0,76	44	44,9%	0,66	30	62,90%
103	B3	Bratislava III	0,79	60	24,4%	0,75	42	47,5%	0,85	60	24,40%
104	B4	Bratislava IV	0,61	33	59,0%	0,52	9	89,8%	0,46	2	98,80%
105	B5	Bratislava V	0,63	38	52,6%	0,67	32	60,3%	0,70	35	56,50%
106	MA	Malacky	0,88	64	19,3%	0,84	53	33,4%	0,78	48	39,80%
107	PK	Pezinok	1,08	74	6,5%	1,27	77	2,6%	0,94	71	10,30%
108	SC	Senec	0,91	66	16,7%	1,07	71	10,3%	0,95	72	9,00%
201	DS	Dunajská Streda	0,73	51	35,9%	0,66	27	66,7%	0,75	41	48,80%
202	GA	Galanta	0,82	61	23,1%	0,89	62	21,8%	0,86	61	23,10%
203	HC	Hlohovec	0,91	68	14,2%	0,87	59	25,7%	0,76	42	47,50%
204	PN	Piešťany	0,61	34	57,7%	0,58	15	82,1%	0,47	5	94,90%
205	SE	Senica	0,90	65	18,0%	0,75	41	48,8%	0,63	23	71,80%
206	SI	Skalica	0,72	49	38,5%	0,98	67	15,4%	0,73	38	52,60%
207	TT	Trnava	0,65	41	48,8%	0,75	43	46,2%	0,72	37	53,90%
301	BN	Bánovce nad Bebravou	0,52	20	75,7%	0,60	18	78,3%	0,79	50	37,20%
302	IL	Ilava	0,65	42	47,5%	0,70	38	52,6%	0,79	51	35,90%
303	MY	Myjava	0,63	36	55,2%	0,79	48	39,8%	0,77	44	44,90%
304	NM	Nové Mesto nad Váhom	0,59	32	60,3%	0,76	45	43,6%	0,64	25	69,30%
305	PE	Partizánske	0,51	19	77,0%	0,65	26	68,0%	0,77	43	46,20%
306	PB	Považská Bystrica	0,57	25	69,3%	0,67	33	59,0%	0,65	26	68,00%
307	PD	Prievidza	0,49	16	80,8%	0,61	21	74,4%	0,60	16	80,80%
308	PU	Púchov	0,73	52	34,7%	0,66	28	65,4%	0,93	70	11,60%
309	TN	Trenčín	0,49	17	79,5%	0,59	16	80,8%	0,50	7	92,40%
401	KN	Komárno	1,26	77	2,6%	0,98	68	14,2%	0,96	73	7,70%
402	LV	Levice	1,26	78	1,3%	1,44	79	0,0%	0,99	74	6,50%
403	NR	Nitra	0,97	70	11,6%	0,96	65	18,0%	0,84	58	27,00%
404	NZ	Nové Zámky	1,02	73	7,7%	1,04	70	11,6%	0,88	64	19,30%
405	SA	Šaľa	0,74	54	32,1%	0,81	51	35,9%	0,58	14	83,40%
406	TO	Topoľčany	0,74	56	29,5%	0,58	13	84,7%	0,56	12	85,90%
407	ZM	Zlaté Moravce	1,00	72	9,0%	1,13	74	6,5%	0,92	67	15,40%
501	BY	Bytča	0,65	43	46,2%	0,63	23	71,8%	0,87	62	21,80%
502	CA	Cadca	0,93	69	12,9%	1,09	72	9,0%	1,02	76	3,90%
503	DK	Dolný Kubín	0,47	14	83,4%	0,47	3	97,5%	0,50	6	93,60%
504	KM	Kysucké Nové Mesto	0,77	58	27,0%	0,87	56	29,5%	0,80	53	33,40%
505	LM	Liptovský Mikuláš	0,41	9	89,8%	0,68	35	56,5%	0,55	11	87,20%
506	MT	Martín	0,40	4	96,2%	0,53	10	88,5%	0,47	3	97,50%
507	NO	Námestovo	0,67	45	43,6%	0,84	54	32,1%	0,83	57	28,30%
508	RK	Ružomberok	0,74	53	33,4%	0,66	29	64,2%	0,67	31	61,60%
509	TR	Turčianske Teplice	0,28	1	100,0%	0,57	12	85,9%	0,59	15	82,10%
510	TS	Tvrdošín	0,32	2	98,8%	0,49	6	93,6%	0,57	13	84,70%
511	ZA	Žilina	0,58	29	64,2%	0,68	34	57,7%	0,77	45	43,60%
601	BB	Banská Bystrica	0,71	47	41,1%	0,71	39	51,3%	0,73	39	51,30%
602	BS	Banská Štiavnica	0,63	35	56,5%	1,09	73	7,7%	0,75	40	50,00%
603	BR	Brezno	0,77	57	28,3%	0,83	52	34,7%	0,83	54	32,10%
604	DT	Detva	0,84	63	20,6%	1,20	76	3,9%	1,02	75	5,20%
605	KA	Krupina	1,13	75	5,2%	1,31	78	1,3%	1,09	78	1,30%
606	LC	Lučenec	0,68	46	42,4%	0,81	50	37,2%	0,66	29	64,20%
607	PT	Poltár	0,57	28	65,4%	0,62	22	73,1%	0,61	19	77,00%
608	RA	Revúca	0,53	21	74,4%	0,59	17	79,5%	0,77	46	42,40%
609	RS	Rimavská Sobota	0,91	67	15,4%	0,88	60	24,4%	0,79	52	34,70%
610	VK	Veľký Krtíš	1,30	79	0,0%	1,14	75	5,2%	1,04	77	2,60%
611	ZV	Zvolen	0,48	15	82,1%	0,96	66	16,7%	0,90	66	16,70%
612	ZC	Zarnovica	0,83	62	21,8%	0,87	57	28,3%	1,13	79	0,00%
613	ZH	Žiar nad Hronom	0,63	37	53,9%	0,87	58	27,0%	0,77	47	41,10%
701	BJ	Bardejov	0,42	10	88,5%	0,51	7	92,4%	0,47	4	96,20%
702	HE	Humenné	0,41	6	93,6%	0,48	4	96,2%	0,65	27	66,70%
703	KK	Kežmarok	0,78	59	25,7%	0,86	55	30,8%	0,90	65	18,00%
704	LE	Levoča	0,53	22	73,1%	0,71	40	50,0%	0,54	8	91,10%
705	ML	Medzilaborce	0,51	18	78,3%	0,66	31	61,6%	0,62	21	74,40%
706	PP	Poprad	0,44	11	87,2%	0,63	24	70,6%	0,67	32	60,30%
707	PO	Prešov	0,55	24	70,6%	0,48	5	94,9%	0,55	10	88,50%
708	SB	Sabinov	0,38	3	97,5%	0,46	2	98,8%	0,39	1	100,00%
709	SV	Snina	0,54	23	71,8%	0,61	20	75,7%	0,83	55	30,80%
710	SL	Stará Ľubovňa	0,40	5	94,9%	0,61	19	77,0%	0,61	18	78,30%
711	SP	Stropkov	0,47	12	85,9%	0,66	30	62,9%	0,71	36	55,20%
712	SK	Svidník	0,57	26	68,0%	0,41	1	100,0%	0,61	20	75,70%
713	VT	Vranov nad Topľou	0,41	8	91,1%	0,64	25	69,3%	0,54	9	89,80%
801	GL	Gelnica	0,72	50	37,2%	0,90	63	20,6%	0,65	28	65,40%
802	K1	Košice I	0,47	13	84,7%	0,69	36	55,2%	0,64	24	70,60%
803	K2	Košice II	0,59	31	61,6%	0,52	8	91,1%	0,70	34	57,70%
804	K3	Košice III	0,41	7	92,4%	0,78	47	41,1%	0,78	49	38,50%
805	K4	Košice IV	0,65	39	51,3%	0,80	49	38,5%	0,92	68	14,20%
806	KS	Košice-okolie	0,71	48	39,8%	0,76	46	42,4%	0,83	56	29,50%
807	MI	Michalovce	0,74	55	30,8%	0,70	37	53,9%	0,68	33	59,00%
808	RV	Rožňava	0,66	44	44,9%	0,88	61	23,1%	0,88	63	20,60%
809	SO	Sobrance	0,99	71	10,3%	0,92	64	19,3%	0,93	69	12,90%
810	SN	Spišská Nová Ves	0,58	30	62,9%	0,55	11	87,2%	0,63	22	73,10%
811	TV	Trebišov	1,24	76	3,9%	1,01	69	12,9%	0,84	59	25,70%

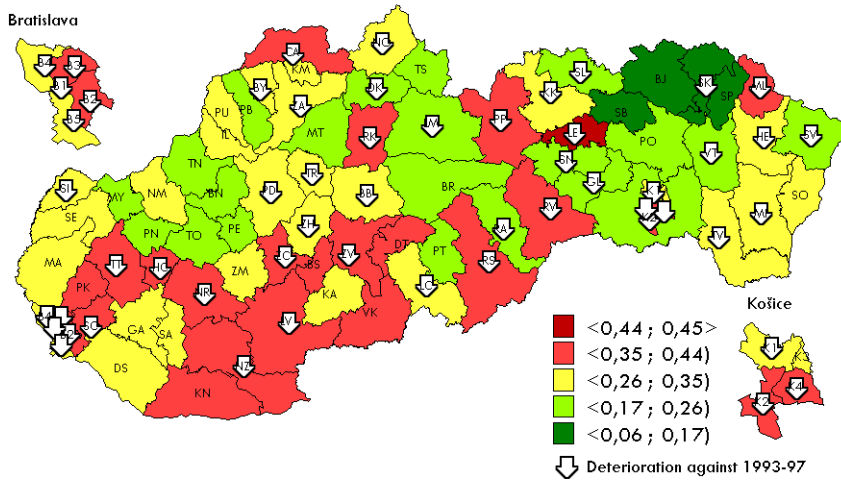
Standardized digestive system mortality rates, females

Period 1993-97

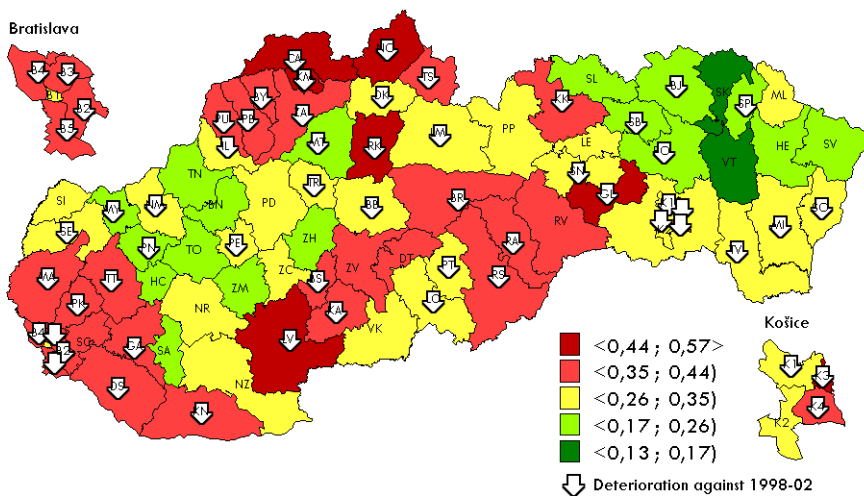


- Female mortality increase due to digestive system diseases was recorded through the all examined periods in 26 districts, including four from five districts of Bratislava.

Period 1998-02



Period 2003-07

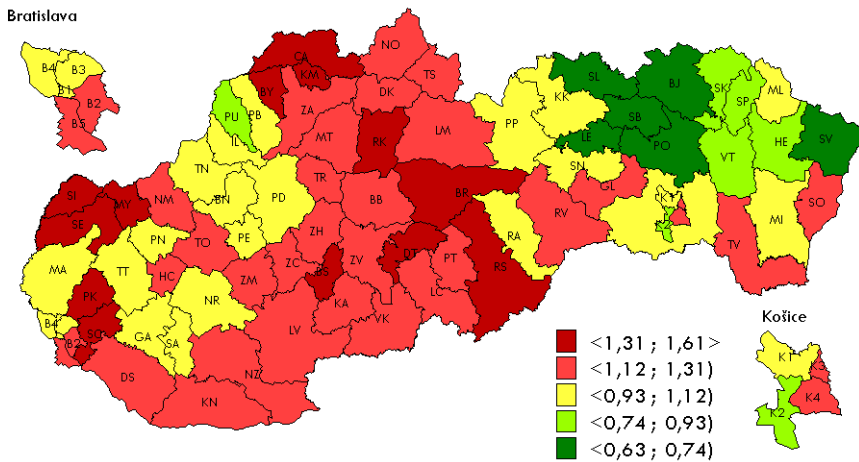


Standardized digestive system mortality rates, females

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	0,24	26	68,0%	0,37	62	21,8%	0,34	43	46,2%
102	B2	Bratislava II	0,34	60	24,4%	0,42	76	3,9%	0,43	71	10,3%
103	B3	Bratislava III	0,31	57	28,3%	0,36	60	24,4%	0,37	52	34,7%
104	B4	Bratislava IV	0,26	39	51,3%	0,33	52	34,7%	0,37	51	35,9%
105	B5	Bratislava V	0,27	44	44,9%	0,30	43	46,2%	0,44	72	9,0%
106	MA	Malacky	0,39	71	10,3%	0,28	32	60,3%	0,39	60	24,4%
107	PK	Pezinok	0,49	79	0,0%	0,36	58	27,0%	0,41	67	15,4%
108	SC	Senec	0,26	40	50,0%	0,44	78	1,3%	0,42	69	12,9%
201	DS	Dunajská Streda	0,35	64	19,3%	0,30	44	44,9%	0,37	55	30,8%
202	GA	Galanta	0,34	63	20,6%	0,28	37	53,9%	0,39	58	27,0%
203	HC	Hlohovec	0,30	55	30,8%	0,36	61	23,1%	0,25	18	78,3%
204	PN	Piešťany	0,24	27	66,7%	0,21	11	87,2%	0,22	11	87,2%
205	SE	Senica	0,37	69	12,9%	0,30	45	43,6%	0,34	44	44,9%
206	SI	Skalica	0,26	37	53,9%	0,31	47	41,1%	0,29	28	65,4%
207	TT	Trnava	0,24	29	64,2%	0,36	59	25,7%	0,40	62	21,8%
301	BN	Bánovce nad Bebravou	0,25	33	59,0%	0,20	9	89,8%	0,19	5	94,9%
302	IL	Ilava	0,30	53	33,4%	0,29	39	51,3%	0,29	31	61,6%
303	MY	Myjava	0,30	52	34,7%	0,19	7	92,4%	0,23	14	83,4%
304	NM	Nové Mesto nad Váhom	0,28	49	38,5%	0,28	33	59,0%	0,28	26	68,0%
305	PE	Partizánske	0,28	48	39,8%	0,23	14	83,4%	0,29	30	62,9%
306	PB	Považská Bystrica	0,27	45	43,6%	0,26	25	69,3%	0,40	65	18,0%
307	PD	Prievidza	0,21	17	79,5%	0,30	41	48,8%	0,27	20	75,7%
308	PU	Púchov	0,28	47	41,1%	0,27	30	62,9%	0,39	59	25,7%
309	TN	Trenčín	0,21	16	80,8%	0,20	10	88,5%	0,18	4	96,2%
401	KN	Komárno	0,44	76	3,9%	0,40	71	10,3%	0,40	66	16,7%
402	LV	Levice	0,40	73	7,7%	0,41	74	6,5%	0,46	74	6,5%
403	NR	Nitra	0,34	62	21,8%	0,39	68	14,2%	0,31	33	59,0%
404	NZ	Nové Zámky	0,36	65	18,0%	0,38	67	15,4%	0,33	40	50,0%
405	SA	Šaľa	0,36	66	16,7%	0,29	38	52,6%	0,24	15	82,1%
406	TO	Topoľčany	0,31	56	29,5%	0,26	24	70,6%	0,24	16	80,8%
407	ZM	Zlaté Moravce	0,34	61	23,1%	0,28	36	55,2%	0,21	10	88,5%
501	BY	Bytča	0,26	38	52,6%	0,34	54	32,1%	0,37	56	29,5%
502	CA	Cadca	0,40	72	9,0%	0,40	72	9,0%	0,57	79	0,0%
503	DK	Dolný Kubín	0,20	10	88,5%	0,25	20	75,7%	0,28	24	70,6%
504	KM	Kysucké Nové Mesto	0,44	75	5,2%	0,32	51	35,9%	0,47	76	3,9%
505	LM	Liptovský Mikuláš	0,20	11	87,2%	0,23	13	84,7%	0,30	32	60,3%
506	MT	Martín	0,22	20	75,7%	0,22	12	85,9%	0,26	19	77,0%
507	NO	Námestovo	0,26	35	56,5%	0,32	50	37,2%	0,49	78	1,3%
508	RK	Ružomberok	0,30	54	32,1%	0,37	63	20,6%	0,45	73	7,7%
509	TR	Turčianske Teplice	0,18	9	89,8%	0,28	34	57,7%	0,29	29	64,2%
510	TS	Tvrdošín	0,27	46	42,4%	0,17	5	94,9%	0,38	57	28,3%
511	ZA	Žilina	0,26	36	55,2%	0,29	40	50,0%	0,37	53	33,4%
601	BB	Banská Bystrica	0,25	31	61,6%	0,32	48	39,8%	0,34	41	48,8%
602	BS	Banská Štiavnica	0,38	70	11,6%	0,35	56	29,5%	0,40	63	20,6%
603	BR	Brezno	0,26	43	46,2%	0,25	19	77,0%	0,37	54	32,1%
604	DT	Detva	0,43	74	6,5%	0,40	73	7,7%	0,39	61	23,1%
605	KA	Krupina	0,48	78	1,3%	0,32	49	38,5%	0,43	70	11,6%
606	LC	Lučenec	0,23	24	70,6%	0,30	46	42,4%	0,32	36	55,2%
607	PT	Poltár	0,21	14	83,4%	0,18	6	93,6%	0,31	34	57,7%
608	RA	Revúca	0,23	23	71,8%	0,26	23	71,8%	0,36	48	39,8%
609	RS	Rimavská Sobota	0,33	58	27,0%	0,35	55	30,8%	0,36	47	41,1%
610	VK	Veľký Krtíš	0,46	77	2,6%	0,37	64	19,3%	0,34	45	43,6%
611	ZV	Zvolen	0,33	59	25,7%	0,42	75	5,2%	0,36	49	38,5%
612	ZC	Žarnovica	0,22	19	77,0%	0,39	69	12,9%	0,34	42	47,5%
613	ZH	Žiar nad Hronom	0,22	18	78,3%	0,28	35	56,5%	0,23	13	84,7%
701	BJ	Bardejov	0,18	8	91,1%	0,16	4	96,2%	0,19	6	93,6%
702	HE	Humenné	0,20	12	85,9%	0,28	31	61,6%	0,18	3	97,5%
703	KK	Kežmarok	0,23	21	74,4%	0,34	53	33,4%	0,41	68	14,2%
704	LE	Levoča	0,25	34	57,7%	0,45	79	0,0%	0,28	23	71,8%
705	ML	Medzilaborce	0,37	68	14,2%	0,40	70	11,6%	0,32	37	53,9%
706	PP	Poprad	0,21	15	82,1%	0,35	57	28,3%	0,32	38	52,6%
707	PO	Prešov	0,21	13	84,7%	0,19	8	91,1%	0,21	9	89,8%
708	SB	Sabinov	0,18	6	93,6%	0,13	2	98,8%	0,23	12	85,9%
709	SV	Snina	0,18	7	92,4%	0,23	15	82,1%	0,20	7	92,4%
710	SL	Stará Ľubovňa	0,14	4	96,2%	0,24	17	79,5%	0,21	8	91,1%
711	SP	Stropkov	0,12	1	100,0%	0,06	1	100,0%	0,25	17	79,5%
712	SK	Svidník	0,12	2	98,8%	0,16	3	97,5%	0,13	2	98,8%
713	VT	Vranov nad Topľou	0,14	3	97,5%	0,24	18	78,3%	0,13	1	100,0%
801	GL	Gelnica	0,16	5	94,9%	0,24	16	80,8%	0,46	75	5,2%
802	K1	Košice I	0,23	22	73,1%	0,26	26	68,0%	0,27	22	73,1%
803	K2	Košice II	0,24	28	65,4%	0,37	66	16,7%	0,34	46	42,4%
804	K3	Košice III	0,37	67	15,4%	0,27	28	65,4%	0,48	77	2,6%
805	K4	Košice IV	0,26	42	47,5%	0,37	65	18,0%	0,40	64	19,3%
806	KS	Košice-okolie	0,23	25	69,3%	0,25	21	74,4%	0,33	39	51,3%
807	MI	Michalovce	0,25	32	60,3%	0,26	27	66,7%	0,28	25	69,3%
808	RV	Rožňava	0,29	51	35,9%	0,43	77	2,6%	0,36	50	37,2%
809	SO	Sobrance	0,28	50	37,2%	0,27	29	64,2%	0,27	21	74,4%
810	SN	Spišská Nová Ves	0,24	30	62,9%	0,26	22	73,1%	0,29	27	66,7%
811	TV	Trebišov	0,26	41	48,8%	0,30	42	47,5%	0,32	35	56,5%

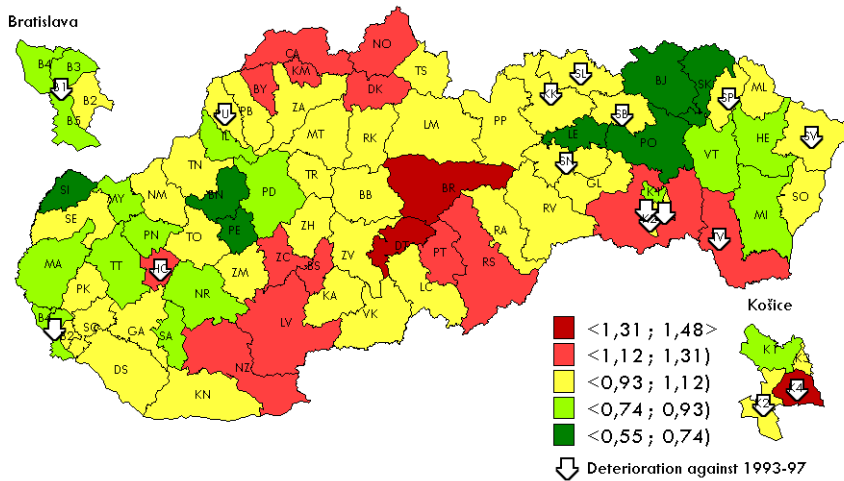
Standardized external causes mortality rates, males

Period 1993-97

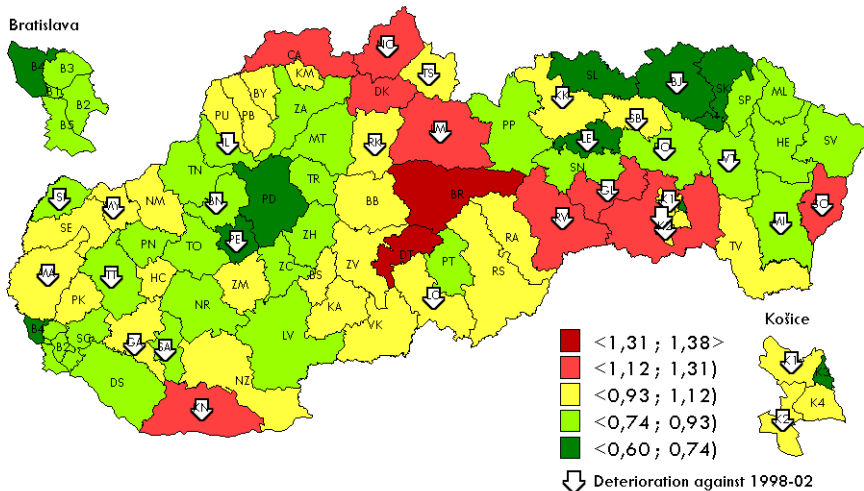


- In general decline in male mortality due to external causes of death was recorded through the all examined periods, with the exception of districts of Kežmarok, Sabinov, Košice II and Košice-okolie, where an increase was recorded.
- Permanently high male mortality due to external causes of death are in districts of Brezno and Detva.

Period 1998-02



Period 2003-07

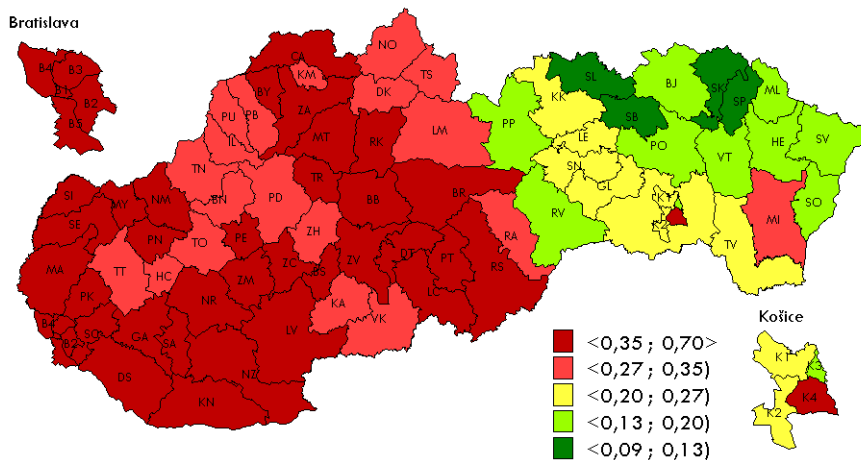


Standardized external causes mortality rates, males

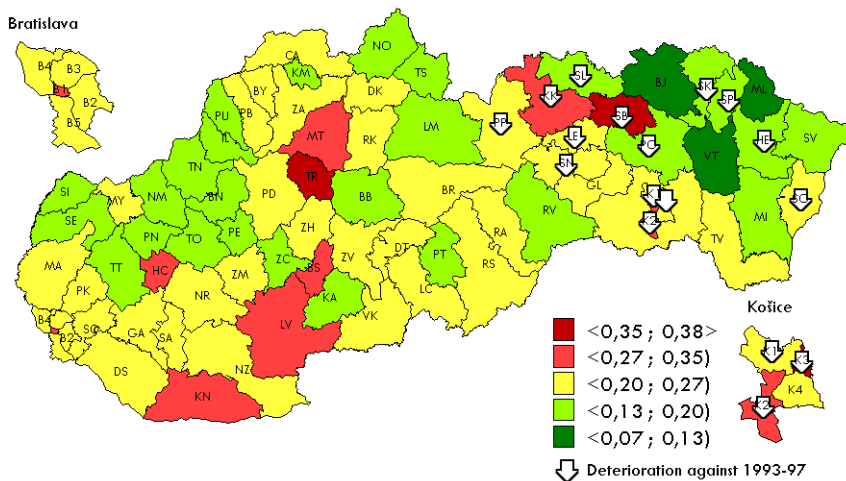
			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	1,12	35	56,5%	1,15	63	20,6%	0,79	16	80,8%
102	B2	Bratislava II	1,20	50	37,2%	0,98	34	57,7%	0,87	27	66,7%
103	B3	Bratislava III	1,11	34	57,7%	0,86	16	80,8%	0,79	19	77,0%
104	B4	Bratislava IV	1,08	29	64,2%	0,78	9	89,8%	0,69	3	97,5%
105	B5	Bratislava V	1,14	39	51,3%	0,89	19	77,0%	0,78	13	84,7%
106	MA	Malacky	1,07	25	69,3%	0,79	10	88,5%	0,97	49	38,5%
107	PK	Pezinok	1,61	79	0,0%	1,04	45	43,6%	1,01	57	28,3%
108	SC	Senec	1,39	69	12,9%	1,08	57	28,3%	0,85	24	70,6%
201	DS	Dunajská Streda	1,29	63	20,6%	1,05	49	38,5%	0,89	30	62,9%
202	GA	Galanta	1,07	24	70,6%	1,03	42	47,5%	1,10	67	15,4%
203	HC	Hlohovec	1,17	45	43,6%	1,19	71	10,3%	1,07	64	19,3%
204	PN	Piešťany	0,96	15	82,1%	0,81	11	87,2%	0,79	17	79,5%
205	SE	Senica	1,36	67	15,4%	1,03	43	46,2%	1,01	58	27,0%
206	SI	Skalica	1,43	70	11,6%	0,73	6	93,6%	0,90	31	61,6%
207	TT	Trnava	1,00	18	78,3%	0,86	15	82,1%	0,92	35	56,5%
301	BN	Bánovce nad Bebravou	1,03	21	74,4%	0,74	7	92,4%	0,88	28	65,4%
302	IL	Ilava	1,07	23	71,8%	0,84	14	83,4%	0,86	25	69,3%
303	MY	Myjava	1,58	78	1,3%	0,83	13	84,7%	0,96	46	42,4%
304	NM	Nové Mesto nad Váhom	1,25	57	28,3%	0,97	32	60,3%	0,95	41	48,8%
305	PE	Partizánske	1,03	20	75,7%	0,67	4	96,2%	0,73	8	91,1%
306	PB	Považská Bystrica	1,10	33	59,0%	1,06	50	37,2%	1,01	56	29,5%
307	PD	Prievidza	1,00	19	77,0%	0,91	21	74,4%	0,73	6	93,6%
308	PU	Púchov	0,92	12	85,9%	1,06	51	35,9%	1,00	54	32,1%
309	TN	Trenčín	1,04	22	73,1%	0,96	27	66,7%	0,79	15	82,1%
401	KN	Komárno	1,15	42	47,5%	1,08	56	29,5%	1,13	70	11,6%
402	LV	Levice	1,30	65	18,0%	1,18	70	11,6%	0,92	36	55,2%
403	NR	Nitra	1,07	26	68,0%	0,88	18	78,3%	0,83	23	71,8%
404	NZ	Nové Zámky	1,21	54	32,1%	1,12	62	21,8%	1,00	53	33,4%
405	SA	Šaľa	1,08	27	66,7%	0,82	12	85,9%	0,90	32	60,3%
406	TO	Topoľčany	1,13	37	53,9%	0,97	30	62,9%	0,86	26	68,0%
407	ZM	Zlaté Moravce	1,26	58	27,0%	1,08	55	30,8%	0,99	52	34,7%
501	BY	Bytča	1,50	76	3,9%	1,16	64	19,3%	1,00	55	30,8%
502	CA	Cadca	1,48	73	7,7%	1,28	75	5,2%	1,19	75	5,2%
503	DK	Dolný Kubín	1,17	46	42,4%	1,17	66	16,7%	1,14	71	10,3%
504	KM	Kysucké Nové Mesto	1,43	71	10,3%	1,29	76	3,9%	0,97	47	41,1%
505	LM	Liptovský Mikuláš	1,15	43	46,2%	0,99	36	55,2%	1,13	69	12,9%
506	MT	Martín	1,13	36	55,2%	1,06	52	34,7%	0,93	39	51,3%
507	NO	Námestovo	1,27	61	23,1%	1,21	72	9,0%	1,21	76	3,9%
508	RK	Ružomberok	1,49	74	6,5%	1,00	38	52,6%	1,08	65	18,0%
509	TR	Turčianske Teplice	1,27	59	25,7%	1,04	47	41,1%	0,80	20	75,7%
510	TS	Tvrdošín	1,16	44	44,9%	0,98	33	59,0%	1,04	60	24,4%
511	ZA	Žilina	1,25	56	29,5%	0,97	31	61,6%	0,91	34	57,7%
601	BB	Banská Bystrica	1,14	40	50,0%	1,04	46	42,4%	0,95	42	47,5%
602	BS	Banská Štiavnica	1,50	75	5,2%	1,17	68	14,2%	0,95	45	43,6%
603	BR	Brezno	1,45	72	9,0%	1,40	78	1,3%	1,38	79	0,0%
604	DT	Detva	1,55	77	2,6%	1,48	79	0,0%	1,32	78	1,3%
605	KA	Krupina	1,20	51	35,9%	1,12	60	24,4%	0,98	50	37,2%
606	LC	Lučenec	1,19	48	39,8%	1,02	41	48,8%	1,05	62	21,8%
607	PT	Poltár	1,31	66	16,7%	1,17	67	15,4%	0,79	18	78,3%
608	RA	Revúca	0,99	17	79,5%	0,96	28	65,4%	0,94	40	50,0%
609	RS	Rimavská Sobota	1,37	68	14,2%	1,18	69	12,9%	1,05	63	20,6%
610	VK	Veľký Krtíš	1,24	55	30,8%	1,09	58	27,0%	1,03	59	25,7%
611	ZV	Zvolen	1,28	62	21,8%	0,99	35	56,5%	0,95	44	44,9%
612	ZC	Zarnovica	1,27	60	24,4%	1,23	73	7,7%	0,92	38	52,6%
613	ZH	Žiar nad Hronom	1,21	53	33,4%	0,97	29	64,2%	0,88	29	64,2%
701	BJ	Bardejov	0,63	1	100,0%	0,55	1	100,0%	0,60	1	100,0%
702	HE	Humenné	0,90	11	87,2%	0,89	20	75,7%	0,83	22	73,1%
703	KK	Kežmarok	0,94	14	83,4%	1,04	44	44,9%	1,10	66	16,7%
704	LE	Levoča	0,73	5	94,9%	0,60	2	98,8%	0,73	7	92,4%
705	ML	Medzilaborce	1,10	32	60,3%	1,05	48	39,8%	0,81	21	74,4%
706	PP	Poprad	1,09	30	62,9%	1,02	40	50,0%	0,91	33	59,0%
707	PO	Prešov	0,74	6	93,6%	0,73	5	94,9%	0,79	14	83,4%
708	SB	Sabinov	0,70	3	97,5%	0,95	26	68,0%	0,99	51	35,9%
709	SV	Snina	0,69	2	98,8%	0,99	37	53,9%	0,77	11	87,2%
710	SL	Stará Ľubovňa	0,71	4	96,2%	0,94	23	71,8%	0,71	4	96,2%
711	SP	Stropkov	0,77	7	92,4%	0,94	24	70,6%	0,74	9	89,8%
712	SK	Svidník	0,80	9	89,8%	0,65	3	97,5%	0,63	2	98,8%
713	VT	Vranov nad Topľou	0,82	10	88,5%	0,74	8	91,1%	0,78	12	85,9%
801	GL	Gelnica	1,29	64	19,3%	1,12	61	23,1%	1,18	73	7,7%
802	K1	Košice I	1,09	31	61,6%	0,92	22	73,1%	0,95	43	46,2%
803	K2	Košice II	0,80	8	91,1%	1,01	39	51,3%	1,05	61	23,1%
804	K3	Košice III	1,19	47	41,1%	1,11	59	25,7%	0,72	5	94,9%
805	K4	Košice IV	1,21	52	34,7%	1,32	77	2,6%	0,97	48	39,8%
806	KS	Košice-okolie	0,98	16	80,8%	1,16	65	18,0%	1,17	72	9,0%
807	MI	Michalovce	1,08	28	65,4%	0,88	17	79,5%	0,92	37	53,9%
808	RV	Rožňava	1,13	38	52,6%	1,06	53	33,4%	1,22	77	2,6%
809	SO	Sobrance	1,20	49	38,5%	1,06	54	32,1%	1,19	74	6,5%
810	SN	Spišská Nová Ves	0,94	13	84,7%	0,94	25	69,3%	0,76	10	88,5%
811	TV	Trebišov	1,15	41	48,8%	1,26	74	6,5%	1,12	68	14,2%

Standardized external causes mortality rates, females

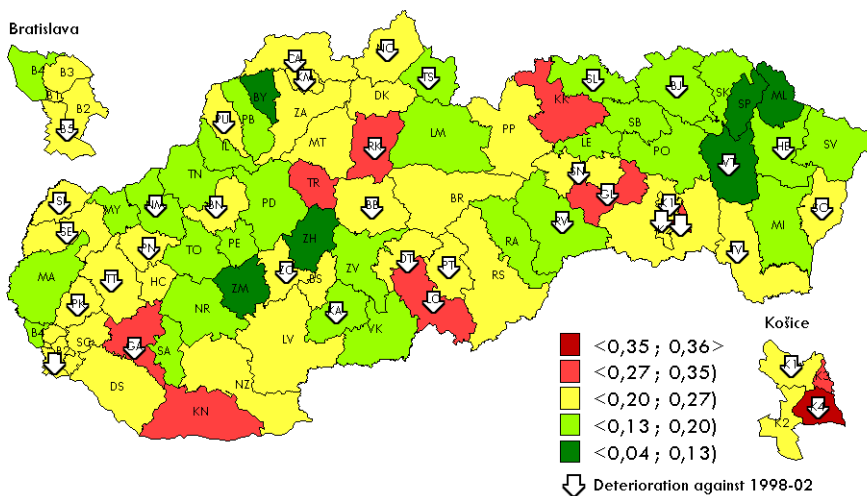
Period 1993-97



Period 1998-02



Period 2003-07



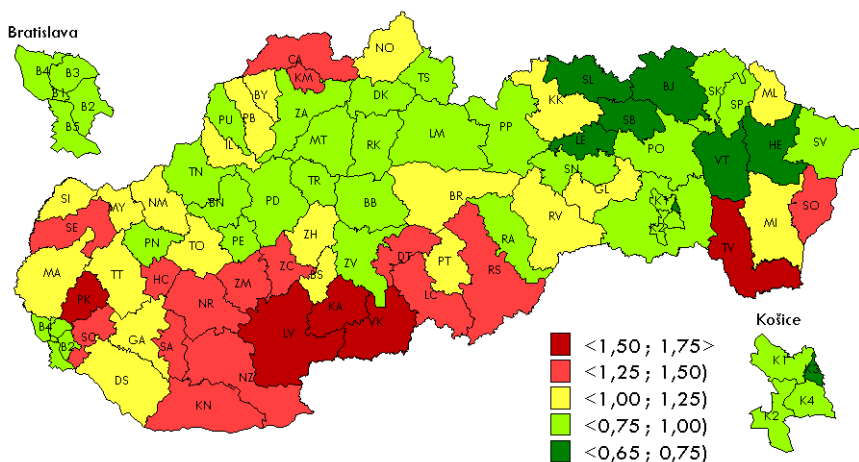
- A significant decline in female mortality rates due to external causes of death is recorded in district of the Western part of Slovakia from period 1993-97 to 1998-02.
- Female mortality due to external causes of death increases in most districts of the Eastern part of Slovakia from period 1993-97 to 1998-02.
- In 5 districts was recorded an increased mortality rate due to external causes of death through all examined period, namely in Kežmarok, Stará Ľubovňa, Košice I, Sobrance and Spišská Nová Ves.

Standardized external causes mortality rates, females

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	0,49	73	7,7%	0,33	76	3,9%	0,23	55	30,80%
102	B2	Bratislava II	0,46	68	14,2%	0,25	62	21,8%	0,24	57	28,30%
103	B3	Bratislava III	0,46	69	12,9%	0,27	68	14,2%	0,21	41	48,80%
104	B4	Bratislava IV	0,45	65	18,0%	0,22	46	42,4%	0,16	16	80,80%
105	B5	Bratislava V	0,53	75	5,2%	0,21	33	59,0%	0,27	69	12,90%
106	MA	Malacky	0,43	62	21,8%	0,21	40	50,0%	0,17	25	69,30%
107	PK	Pezinok	0,47	72	9,0%	0,24	55	30,8%	0,24	58	27,00%
108	SC	Senec	0,37	49	38,5%	0,25	63	20,6%	0,23	49	38,50%
201	DS	Dunajská Streda	0,59	77	2,6%	0,23	49	38,5%	0,22	44	44,90%
202	GA	Galanta	0,37	46	42,4%	0,21	37	53,9%	0,31	76	3,90%
203	HC	Hlohovec	0,33	37	53,9%	0,30	74	6,5%	0,23	54	32,10%
204	PN	Piešťany	0,43	61	23,1%	0,19	28	65,4%	0,21	38	52,60%
205	SE	Senica	0,56	76	3,9%	0,14	7	92,4%	0,24	60	24,40%
206	SI	Skalica	0,45	67	15,4%	0,15	9	89,8%	0,23	48	39,80%
207	TT	Trnava	0,31	31	61,6%	0,18	17	79,5%	0,22	47	41,10%
301	BN	Bánovce nad Bebravou	0,34	38	52,6%	0,13	5	94,9%	0,26	66	16,70%
302	IL	Ilava	0,31	30	62,9%	0,19	26	68,0%	0,16	18	78,30%
303	MY	Myjava	0,61	78	1,3%	0,24	53	33,4%	0,19	33	59,00%
304	NM	Nové Mesto nad Váhom	0,37	48	39,8%	0,13	4	96,2%	0,19	32	60,30%
305	PE	Partizánske	0,41	56	29,5%	0,17	13	84,7%	0,16	17	79,50%
306	PB	Považská Bystrica	0,34	39	51,3%	0,23	51	35,9%	0,19	29	64,20%
307	PD	Prievidza	0,27	23	71,8%	0,21	35	56,5%	0,16	19	77,00%
308	PU	Púchov	0,28	25	69,3%	0,18	23	71,8%	0,20	35	56,50%
309	TN	Trenčín	0,28	24	70,6%	0,19	27	66,7%	0,15	14	83,40%
401	KN	Komárno	0,46	70	11,6%	0,30	73	7,7%	0,30	75	5,20%
402	LV	Levice	0,42	57	28,3%	0,29	71	10,3%	0,23	50	37,20%
403	NR	Nitra	0,43	59	25,7%	0,21	34	57,7%	0,19	31	61,60%
404	NZ	Nové Zámky	0,39	53	33,4%	0,26	67	15,4%	0,24	56	29,50%
405	SA	Šaľa	0,37	50	37,2%	0,26	65	18,0%	0,17	24	70,60%
406	TO	Topoľčany	0,32	35	56,5%	0,14	8	91,1%	0,14	10	88,50%
407	ZM	Zlaté Moravce	0,36	44	44,9%	0,22	44	44,9%	0,12	5	94,90%
501	BY	Bytča	0,35	42	47,5%	0,26	64	19,3%	0,04	1	100,00%
502	CA	Cadca	0,42	58	27,0%	0,25	59	25,7%	0,26	67	15,40%
503	DK	Dolný Kubín	0,29	27	66,7%	0,21	39	51,3%	0,21	40	50,00%
504	KM	Kysucké Nové Mesto	0,35	40	50,0%	0,19	24	70,6%	0,27	70	11,60%
505	LM	Liptovský Mikuláš	0,31	33	59,0%	0,20	30	62,9%	0,19	28	65,40%
506	MT	Martín	0,37	52	34,7%	0,27	69	12,9%	0,23	53	33,40%
507	NO	Námestovo	0,33	36	55,2%	0,16	11	87,2%	0,20	36	55,20%
508	RK	Ružomberok	0,36	45	43,6%	0,22	47	41,1%	0,28	74	6,50%
509	TR	Turčianske Teplice	0,70	79	0,0%	0,37	78	1,3%	0,28	73	7,70%
510	TS	Tvrdošín	0,31	34	57,7%	0,17	15	82,1%	0,19	34	57,70%
511	ZA	Žilina	0,45	64	19,3%	0,25	57	28,3%	0,21	37	53,90%
601	BB	Banská Bystrica	0,37	51	35,9%	0,19	25	69,3%	0,25	61	23,10%
602	BS	Banská Štiavnica	0,47	71	10,3%	0,32	75	5,2%	0,21	39	51,30%
603	BR	Brezno	0,45	66	16,7%	0,24	54	32,1%	0,22	43	46,20%
604	DT	Detva	0,39	54	32,1%	0,23	48	39,8%	0,23	52	34,70%
605	KA	Krupina	0,30	29	64,2%	0,18	21	74,4%	0,19	30	62,90%
606	LC	Lučenec	0,43	60	24,4%	0,25	58	27,0%	0,28	72	9,00%
607	PT	Poltár	0,41	55	30,8%	0,18	18	78,3%	0,25	63	20,60%
608	RA	Revúca	0,31	32	60,3%	0,20	31	61,6%	0,15	12	85,90%
609	RS	Rimavská Sobota	0,35	43	46,2%	0,23	52	34,7%	0,22	46	42,40%
610	VK	Veľký Krtíš	0,30	28	65,4%	0,25	60	24,4%	0,16	22	73,10%
611	ZV	Zvolen	0,37	47	41,1%	0,21	38	52,6%	0,16	21	74,40%
612	ZC	Žarnovica	0,50	74	6,5%	0,16	12	85,9%	0,25	64	19,30%
613	ZH	Žiar nad Hronom	0,35	41	48,8%	0,26	66	16,7%	0,12	6	93,60%
701	BJ	Bardejov	0,15	6	93,6%	0,07	2	98,8%	0,13	7	92,40%
702	HE	Humenné	0,13	5	94,9%	0,18	19	77,0%	0,18	26	68,00%
703	KK	Kežmarok	0,24	19	77,0%	0,29	72	9,0%	0,27	71	10,30%
704	LE	Levoča	0,22	16	80,8%	0,23	50	37,2%	0,14	9	89,80%
705	ML	Medzilaborce	0,20	14	83,4%	0,07	1	100,0%	0,07	2	98,80%
706	PP	Poprad	0,18	12	85,9%	0,22	45	43,6%	0,21	42	47,50%
707	PO	Prešov	0,15	8	91,1%	0,17	14	83,4%	0,14	11	87,20%
708	SB	Sabinov	0,11	2	98,8%	0,38	79	0,0%	0,16	23	71,80%
709	SV	Snina	0,17	10	88,5%	0,15	10	88,5%	0,14	8	91,10%
710	SL	Stará Ľubovňa	0,12	3	97,5%	0,14	6	93,6%	0,15	15	82,10%
711	SP	Stropkov	0,09	1	100,0%	0,20	29	64,2%	0,10	3	97,50%
712	SK	Svidník	0,13	4	96,2%	0,18	20	75,7%	0,15	13	84,70%
713	VT	Vranov nad Topľou	0,16	9	89,8%	0,10	3	97,5%	0,11	4	96,20%
801	GL	Gelnica	0,26	22	73,1%	0,25	61	23,1%	0,31	77	2,60%
802	K1	Košice I	0,20	15	82,1%	0,22	43	46,2%	0,24	59	25,70%
803	K2	Košice II	0,24	20	75,7%	0,28	70	11,6%	0,26	68	14,20%
804	K3	Košice III	0,17	11	87,2%	0,35	77	2,6%	0,32	78	1,30%
805	K4	Košice IV	0,43	63	20,6%	0,22	42	47,5%	0,36	79	0,00%
806	KS	Košice-okolie	0,26	21	74,4%	0,21	32	60,3%	0,25	62	21,80%
807	MI	Michalovce	0,29	26	68,0%	0,18	22	73,1%	0,16	20	75,70%
808	RV	Rožňava	0,18	13	84,7%	0,17	16	80,8%	0,18	27	66,70%
809	SO	Sobrance	0,15	7	92,4%	0,21	36	55,2%	0,22	45	43,60%
810	SN	Spišská Nová Ves	0,23	17	79,5%	0,24	56	29,5%	0,26	65	18,00%
811	TV	Trebišov	0,23	18	78,3%	0,21	41	48,8%	0,23	51	35,90%

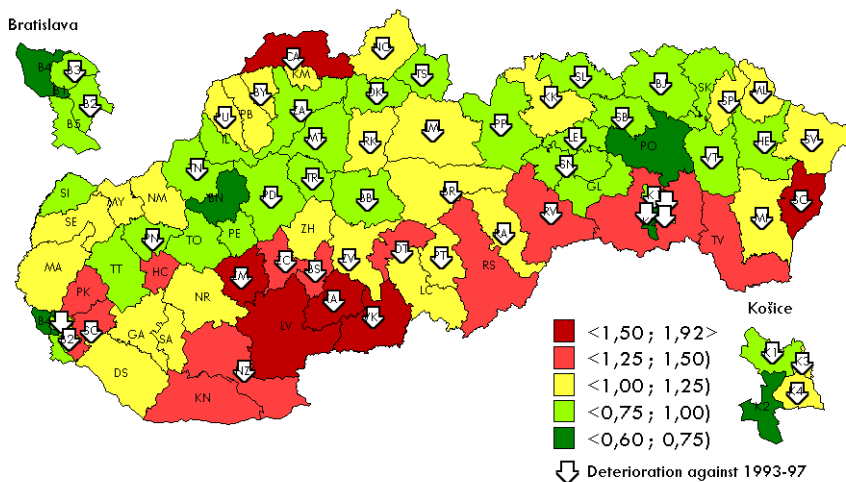
Standardized mortality rates for deaths induced directly or indirectly by drinking alcohol at age 35 and more, males

Period 1993-97

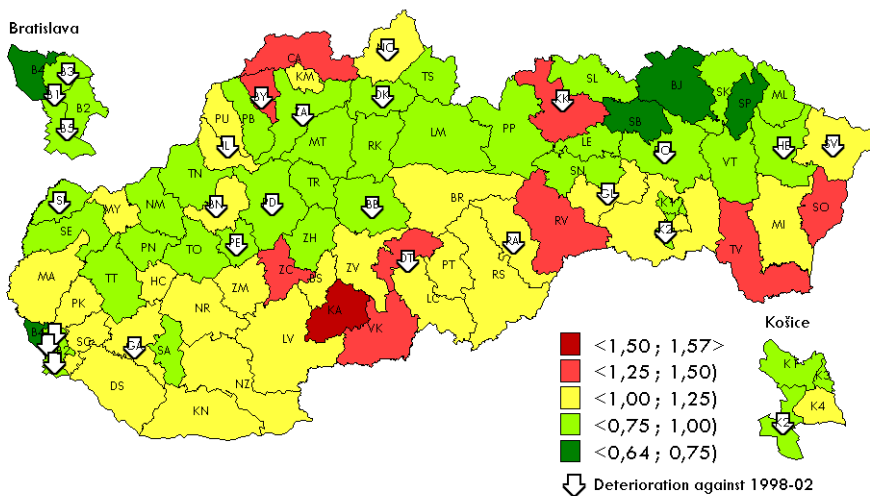


- Male mortality resulting from deaths directly or indirectly caused by drinking alcohol increased mainly in the Central and Eastern Slovakia from the period 1993-97 to 1998-02.
- In 12 districts the male mortality resulting from deaths directly or indirectly caused by drinking alcohol increased through all examined period.

Period 1998-02



Period 2003-07

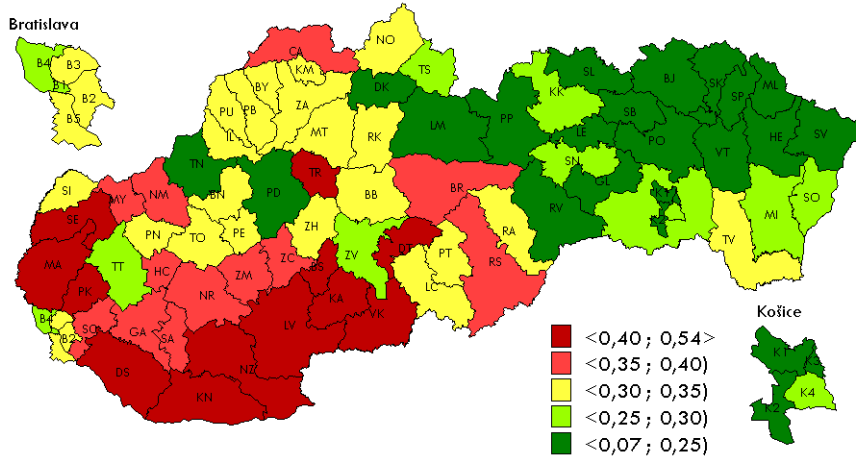


Standardized mortality rates for deaths induced directly or indirectly by drinking alcohol at age 35 and more, males

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	0,88	27	66,7%	0,71	2	98,8%	0,77	7	92,4%
102	B2	Bratislava II	0,84	22	73,1%	0,89	18	78,3%	0,87	19	77,0%
103	B3	Bratislava III	0,83	19	77,0%	0,86	13	84,7%	0,98	37	53,9%
104	B4	Bratislava IV	0,79	14	83,4%	0,67	1	100,0%	0,64	1	100,0%
105	B5	Bratislava V	0,79	13	84,7%	0,76	6	93,6%	0,83	15	82,1%
106	MA	Malacky	1,20	57	28,3%	1,16	53	33,4%	1,05	45	43,6%
107	PK	Pezinok	1,54	76	3,9%	1,47	72	9,0%	1,22	67	15,4%
108	SC	Senec	1,30	64	19,3%	1,35	66	16,7%	1,18	61	23,1%
201	DS	Dunajská Streda	1,24	59	25,7%	1,06	44	44,9%	1,05	44	44,9%
202	GA	Galanta	1,19	55	30,8%	1,19	56	29,5%	1,22	68	14,2%
203	HC	Hlohovec	1,36	69	12,9%	1,26	63	20,6%	1,08	49	38,5%
204	PN	Piešťany	0,89	31	61,6%	0,90	19	77,0%	0,78	8	91,1%
205	SE	Senica	1,31	67	15,4%	1,02	37	53,9%	0,94	26	68,0%
206	SI	Skalica	1,20	56	29,5%	0,94	24	70,6%	0,99	39	51,3%
207	TT	Trnava	1,05	42	47,5%	0,97	29	64,2%	0,96	31	61,6%
301	BN	Bánovce nad Bebravou	0,88	26	68,0%	0,74	4	96,2%	1,03	43	46,2%
302	IL	Ilava	1,02	39	51,3%	0,98	31	61,6%	1,02	42	47,5%
303	MY	Myjava	1,21	58	27,0%	1,19	57	28,3%	1,10	50	37,2%
304	NM	Nové Mesto nad Váhom	1,08	47	41,1%	1,01	35	56,5%	0,98	38	52,6%
305	PE	Partizánske	0,85	24	70,6%	0,83	9	89,8%	0,94	29	64,2%
306	PB	Považská Bystrica	1,04	41	48,8%	1,03	39	51,3%	0,91	23	71,8%
307	PD	Prievidza	0,80	16	80,8%	0,88	16	80,8%	0,90	22	73,1%
308	PU	Púchov	0,93	34	57,7%	1,10	47	41,1%	1,05	47	41,1%
309	TN	Trenčín	0,89	28	65,4%	0,91	21	74,4%	0,81	13	84,7%
401	KN	Komárno	1,49	74	6,5%	1,28	64	19,3%	1,23	69	12,9%
402	LV	Levice	1,74	77	2,6%	1,70	77	2,6%	1,22	65	18,0%
403	NR	Nitra	1,30	63	20,6%	1,21	59	25,7%	1,06	48	39,8%
404	NZ	Nové Zámky	1,38	71	10,3%	1,44	69	12,9%	1,19	62	21,8%
405	SA	Šaľa	1,28	60	24,4%	1,02	38	52,6%	0,98	36	55,2%
406	TO	Topoľčany	1,06	44	44,9%	1,00	33	59,0%	0,92	24	70,6%
407	ZM	Zlaté Moravce	1,43	73	7,7%	1,52	74	6,5%	1,16	58	27,0%
501	BY	Bytča	1,11	52	34,7%	1,12	49	38,5%	1,27	71	10,3%
502	CA	Čadca	1,30	65	18,0%	1,58	75	5,2%	1,31	75	5,2%
503	DK	Dolný Kubín	0,83	20	75,7%	0,86	11	87,2%	0,95	30	62,9%
504	KM	Kysucké Nové Mesto	1,31	68	14,2%	1,17	54	32,1%	1,15	55	30,8%
505	LM	Liptovský Mikuláš	0,78	10	88,5%	1,04	42	47,5%	0,96	32	60,3%
506	MT	Martin	0,76	8	91,1%	0,84	10	88,5%	0,76	6	93,6%
507	NO	Námestovo	1,08	46	42,4%	1,12	50	37,2%	1,15	56	29,5%
508	RK	Ružomberok	1,00	38	52,6%	1,03	40	50,0%	1,00	40	50,0%
509	TR	Turčianske Teplice	0,84	23	71,8%	0,98	30	62,9%	0,81	14	83,4%
510	TS	Tvrdošín	0,78	11	87,2%	0,89	17	79,5%	0,80	11	87,2%
511	ZA	Žilina	0,92	32	60,3%	0,94	25	69,3%	0,96	33	59,0%
601	BB	Banská Bystrica	0,94	35	56,5%	0,96	27	66,7%	0,97	35	56,5%
602	BS	Banská Štiavnica	1,08	48	39,8%	1,45	70	11,6%	1,11	53	33,4%
603	BR	Brezno	1,09	49	38,5%	1,23	61	23,1%	1,22	66	16,7%
604	DT	Detva	1,28	62	21,8%	1,48	73	7,7%	1,48	78	1,3%
605	KA	Krupina	1,51	75	5,2%	1,92	79	0,0%	1,57	79	0,0%
606	LC	Lučenec	1,28	61	23,1%	1,10	48	39,8%	1,10	51	35,9%
607	PT	Poltár	1,15	54	32,1%	1,22	60	24,4%	1,10	52	34,7%
608	RA	Revúca	0,93	33	59,0%	1,01	34	57,7%	1,21	64	19,3%
609	RS	Rimavská Sobota	1,40	72	9,0%	1,31	65	18,0%	1,18	60	24,4%
610	VK	Veľký Krtíš	1,75	79	0,0%	1,78	78	1,3%	1,39	76	3,9%
611	ZV	Zvolen	0,80	15	82,1%	1,13	51	35,9%	1,05	46	42,4%
612	ZC	Žarnovica	1,30	66	16,7%	1,45	71	10,3%	1,30	74	6,5%
613	ZH	Žiar nad Hronom	1,11	51	35,9%	1,09	46	42,4%	0,97	34	57,7%
701	BJ	Bardejov	0,69	2	98,8%	0,86	14	83,4%	0,66	3	97,5%
702	HE	Humenné	0,72	5	94,9%	0,79	8	91,1%	0,81	12	85,9%
703	KK	Kežmarok	1,06	45	43,6%	1,15	52	34,7%	1,25	70	11,6%
704	LE	Levoča	0,71	3	97,5%	0,97	28	65,4%	0,93	25	69,3%
705	ML	Medzilaborce	1,14	53	33,4%	1,18	55	30,8%	0,79	9	89,8%
706	PP	Poprad	0,81	18	78,3%	0,99	32	60,3%	0,94	28	65,4%
707	PO	Prešov	0,79	12	85,9%	0,75	5	94,9%	0,76	5	94,9%
708	SB	Sabinov	0,73	6	93,6%	0,77	7	92,4%	0,64	2	98,8%
709	SV	Snina	0,89	29	64,2%	1,02	36	55,2%	1,16	59	25,7%
710	SL	Stará Ľubovňa	0,71	4	96,2%	0,90	20	75,7%	0,84	17	79,5%
711	SP	Stropkov	0,84	21	74,4%	1,07	45	43,6%	0,73	4	96,2%
712	SK	Svidník	0,98	37	53,9%	0,95	26	68,0%	0,85	18	78,3%
713	VT	Vranov nad Topľou	0,73	7	92,4%	0,86	12	85,9%	0,80	10	88,5%
801	GL	Gelnica	1,06	43	46,2%	0,93	23	71,8%	1,14	54	32,1%
802	K1	Košice I	0,77	9	89,8%	0,86	15	82,1%	0,83	16	80,8%
803	K2	Košice II	0,80	17	79,5%	0,71	3	97,5%	0,90	20	75,7%
804	K3	Košice III	0,65	1	100,0%	1,04	41	48,8%	0,94	27	66,7%
805	K4	Košice IV	0,89	30	62,9%	1,20	58	27,0%	1,15	57	28,3%
806	KS	Košice-okolie	0,97	36	55,2%	1,25	62	21,8%	1,20	63	20,6%
807	MI	Michalovce	1,03	40	50,0%	1,05	43	46,2%	1,02	41	48,8%
808	RV	Rožňava	1,11	50	37,2%	1,40	68	14,2%	1,28	72	9,0%
809	SO	Sobrance	1,37	70	11,6%	1,60	76	3,9%	1,44	77	2,6%
810	SN	Spišská Nová Ves	0,87	25	69,3%	0,92	22	73,1%	0,90	21	74,4%
811	TV	Trebišov	1,74	78	1,3%	1,38	67	15,4%	1,29	73	7,7%

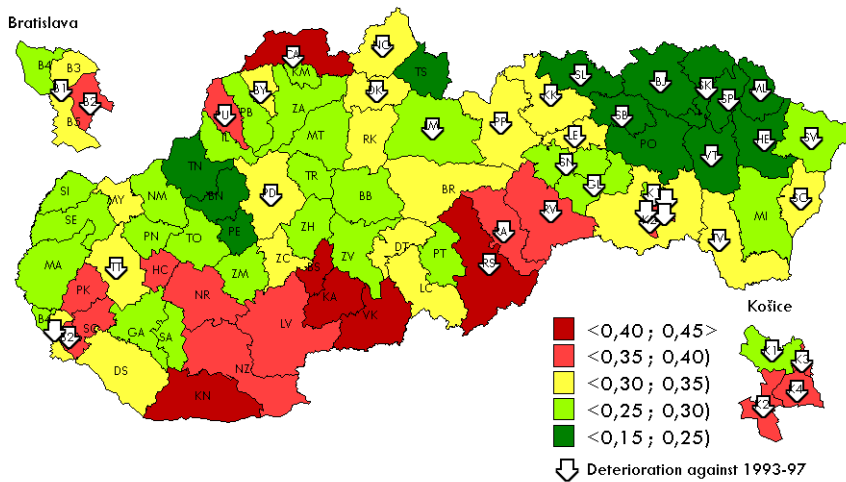
Standardized mortality rates for deaths induced directly or indirectly by drinking alcohol at age 35 and more, females

Period 1993-97

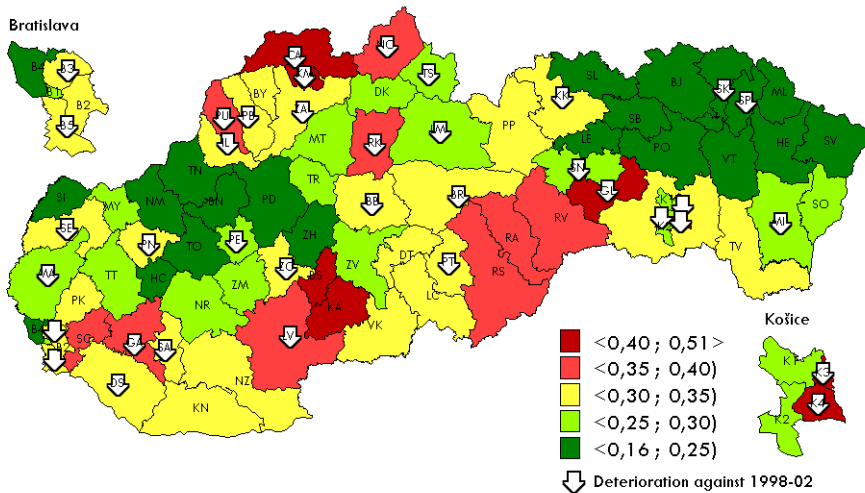


- Female mortality resulting from deaths directly or indirectly caused by drinking alcohol increased mainly in the Eastern Slovakia from the period 1993-97 to 1998-02.
- In 12 districts female mortality resulting from deaths directly or indirectly caused by drinking alcohol increased through all examined period.

Period 1998-02



Period 2003-07

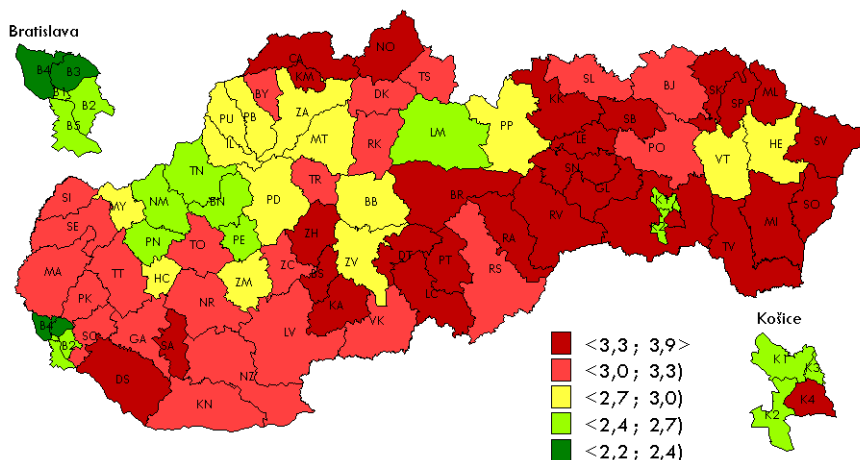


Standardized mortality rates for deaths induced directly or indirectly by drinking alcohol at age 35 and more, females

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	0,30	32	60,3%	0,30	41	48,8%	0,27	27	66,7%
102	B2	Bratislava II	0,32	42	47,5%	0,35	64	19,3%	0,35	62	21,8%
103	B3	Bratislava III	0,35	55	30,8%	0,34	53	33,4%	0,34	60	24,4%
104	B4	Bratislava IV	0,28	28	65,4%	0,27	28	65,4%	0,25	19	77,0%
105	B5	Bratislava V	0,31	40	50,0%	0,31	43	46,2%	0,31	44	44,9%
106	MA	Malacky	0,47	76	3,9%	0,29	33	59,0%	0,30	38	52,6%
107	PK	Pezinok	0,54	79	0,0%	0,36	66	16,7%	0,33	52	34,7%
108	SC	Senec	0,40	67	15,4%	0,40	72	9,0%	0,35	64	19,3%
201	DS	Dunajská Streda	0,40	68	14,2%	0,32	47	41,1%	0,34	57	28,3%
202	GA	Galanta	0,39	64	19,3%	0,25	14	83,4%	0,38	68	14,2%
203	HC	Hlohovec	0,37	58	27,0%	0,35	63	20,6%	0,25	20	75,7%
204	PN	Piešťany	0,32	44	44,9%	0,26	16	80,8%	0,30	42	47,5%
205	SE	Senica	0,45	74	6,5%	0,27	25	69,3%	0,30	41	48,8%
206	SI	Skalica	0,33	46	42,4%	0,28	31	61,6%	0,21	11	87,2%
207	TT	Trnava	0,29	31	61,6%	0,31	44	44,9%	0,29	36	55,2%
301	BN	Bánovce nad Bebravou	0,30	34	57,7%	0,23	11	87,2%	0,21	10	88,5%
302	IL	Ilava	0,33	47	41,1%	0,29	35	56,5%	0,33	53	33,4%
303	MY	Myjava	0,39	63	20,6%	0,31	45	43,6%	0,28	33	59,0%
304	NM	Nové Mesto nad Váhom	0,37	59	25,7%	0,26	22	73,1%	0,24	15	82,1%
305	PE	Partizánske	0,31	38	52,6%	0,20	5	94,9%	0,27	25	69,3%
306	PB	Považská Bystrica	0,34	51	35,9%	0,27	27	66,7%	0,32	50	37,2%
307	PD	Prievidza	0,23	18	78,3%	0,31	42	47,5%	0,23	13	84,7%
308	PU	Púchov	0,35	54	32,1%	0,35	62	21,8%	0,38	69	12,9%
309	TN	Trenčín	0,25	21	74,4%	0,21	9	89,8%	0,19	8	91,1%
401	KN	Komárno	0,45	75	5,2%	0,40	76	3,9%	0,35	63	20,6%
402	LV	Levice	0,51	77	2,6%	0,39	71	10,3%	0,40	72	9,0%
403	NR	Nitra	0,38	61	23,1%	0,35	61	23,1%	0,25	21	74,4%
404	NZ	Nové Zámky	0,42	70	11,6%	0,38	68	14,2%	0,33	56	29,5%
405	SA	Šaľa	0,36	57	28,3%	0,29	37	53,9%	0,30	39	51,3%
406	TO	Topoľčany	0,32	43	46,2%	0,25	15	82,1%	0,24	17	79,5%
407	ZM	Zlaté Moravce	0,35	56	29,5%	0,26	20	75,7%	0,25	22	73,1%
501	BY	Bytča	0,31	41	48,8%	0,34	58	27,0%	0,31	46	42,4%
502	CA	Čadca	0,38	62	21,8%	0,40	74	6,5%	0,51	79	0,0%
503	DK	Dolný Kubín	0,18	9	89,8%	0,34	54	32,1%	0,28	29	64,2%
504	KM	Kysucké Nové Mesto	0,34	48	39,8%	0,29	39	51,3%	0,45	78	1,3%
505	LM	Liptovský Mikuláš	0,24	19	77,0%	0,26	21	74,4%	0,28	30	62,9%
506	MT	Martin	0,31	37	53,9%	0,27	24	70,6%	0,26	23	71,8%
507	NO	Námestovo	0,30	33	59,0%	0,31	46	42,4%	0,39	71	10,3%
508	RK	Ružomberok	0,34	53	33,4%	0,34	52	34,7%	0,36	65	18,0%
509	TR	Turčianske Teplice	0,41	69	12,9%	0,29	36	55,2%	0,28	34	57,7%
510	TS	Tvrdošín	0,26	24	70,6%	0,21	7	92,4%	0,29	35	56,5%
511	ZA	Žilina	0,33	45	43,6%	0,27	26	68,0%	0,32	51	35,9%
601	BB	Banská Bystrica	0,34	49	38,5%	0,27	23	71,8%	0,30	40	50,0%
602	BS	Banská Štiavnica	0,43	72	9,0%	0,43	77	2,6%	0,41	73	7,7%
603	BR	Brezno	0,37	60	24,4%	0,33	50	37,2%	0,34	59	25,7%
604	DT	Detva	0,42	71	10,3%	0,35	60	24,4%	0,32	47	41,1%
605	KA	Krupina	0,44	73	7,7%	0,43	78	1,3%	0,42	77	2,6%
606	LC	Lučenec	0,34	50	37,2%	0,32	48	39,8%	0,30	43	46,2%
607	PT	Poltár	0,30	36	55,2%	0,26	19	77,0%	0,31	45	43,6%
608	RA	Revúca	0,30	35	56,5%	0,39	70	11,6%	0,36	66	16,7%
609	RS	Rimavská Sobota	0,40	65	18,0%	0,40	75	5,2%	0,38	70	11,6%
610	VK	Veľký Krtíš	0,52	78	1,3%	0,45	79	0,0%	0,33	55	30,8%
611	ZV	Zvolen	0,29	30	62,9%	0,29	34	57,7%	0,27	28	65,4%
612	ZC	Žarnovica	0,40	66	16,7%	0,33	49	38,5%	0,33	54	32,1%
613	ZH	Žiar nad Hronom	0,34	52	34,7%	0,28	29	64,2%	0,24	14	83,4%
701	BJ	Bardejov	0,15	3	97,5%	0,21	8	91,1%	0,19	7	92,4%
702	HE	Humenné	0,15	5	94,9%	0,22	10	88,5%	0,17	5	94,9%
703	KK	Kežmarok	0,26	23	71,8%	0,34	57	28,3%	0,34	61	23,1%
704	LE	Levoča	0,17	8	91,1%	0,34	55	30,8%	0,24	18	78,3%
705	ML	Medzilaborce	0,17	7	92,4%	0,24	13	84,7%	0,16	3	97,5%
706	PP	Poprad	0,21	16	80,8%	0,34	56	29,5%	0,32	48	39,8%
707	PO	Prešov	0,20	14	83,4%	0,19	3	97,5%	0,17	6	93,6%
708	SB	Sabinov	0,19	11	87,2%	0,19	2	98,8%	0,17	4	96,2%
709	SV	Snina	0,19	13	84,7%	0,26	18	78,3%	0,24	16	80,8%
710	SL	Stará Ľubovňa	0,20	15	82,1%	0,24	12	85,9%	0,22	12	85,9%
711	SP	Stropkov	0,07	1	100,0%	0,20	4	96,2%	0,20	9	89,8%
712	SK	Svidník	0,15	2	98,8%	0,15	1	100,0%	0,16	2	98,8%
713	VT	Vranov nad Topľou	0,15	4	96,2%	0,20	6	93,6%	0,16	1	100,0%
801	GL	Gelnica	0,18	10	88,5%	0,28	30	62,9%	0,42	76	3,9%
802	K1	Košice I	0,24	20	75,7%	0,29	38	52,6%	0,28	32	60,3%
803	K2	Košice II	0,19	12	85,9%	0,36	65	18,0%	0,28	31	61,6%
804	K3	Košice III	0,16	6	93,6%	0,38	69	12,9%	0,42	75	5,2%
805	K4	Košice IV	0,29	29	64,2%	0,37	67	15,4%	0,41	74	6,5%
806	KS	Košice-okolie	0,27	25	69,3%	0,30	40	50,0%	0,34	58	27,0%
807	MI	Michalovce	0,27	27	66,7%	0,26	17	79,5%	0,27	26	68,0%
808	RV	Rožňava	0,23	17	79,5%	0,40	73	7,7%	0,37	67	15,4%
809	SO	Sobrance	0,27	26	68,0%	0,34	59	25,7%	0,27	24	70,6%
810	SN	Spišská Nová Ves	0,25	22	73,1%	0,29	32	60,3%	0,29	37	53,9%
811	TV	Trebišov	0,31	39	51,3%	0,33	51	35,9%	0,32	49	38,5%

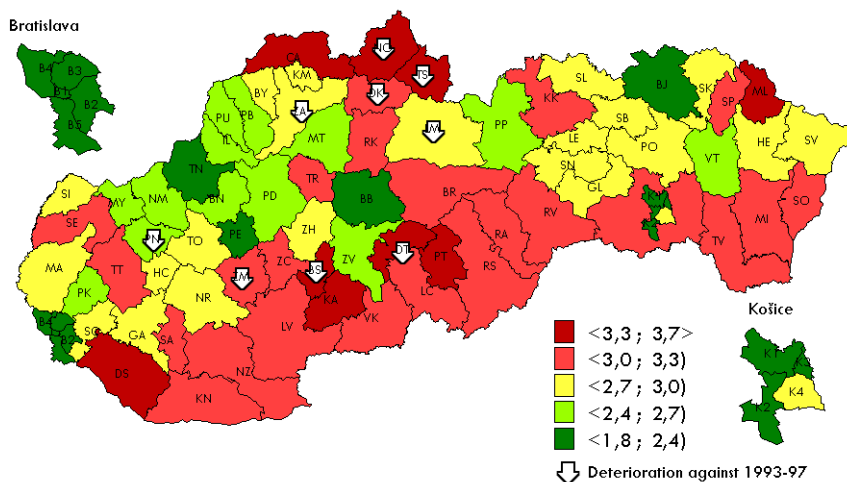
Standardized mortality rates for deaths induced directly or indirectly by smoking tobacco at age 35 and more, males

Period 1993-97

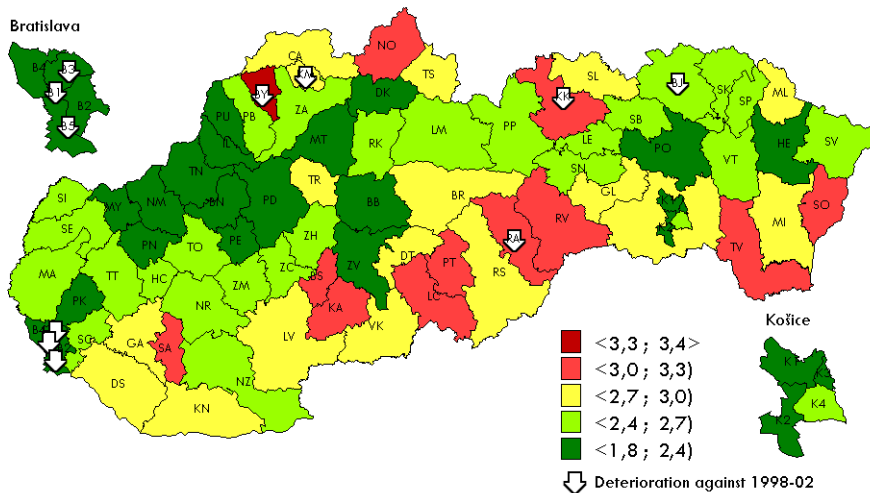


- Male mortality induced directly or indirectly by smoking tobacco showed in general a declining tendency.
- There is no district where the male mortality induced directly or indirectly by smoking tobacco would increase through all examined period.

Period 1998-02



Period 2003-07

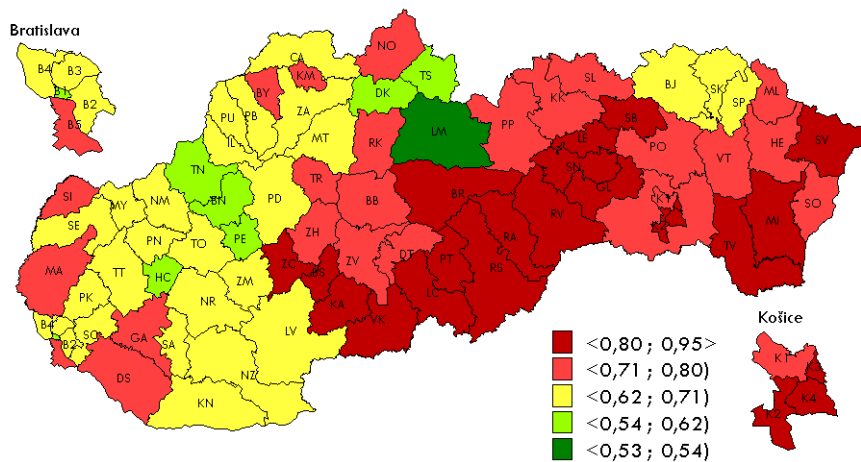


Standardized mortality rates for deaths induced directly or indirectly by smoking tobacco at age 35 and more, males

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percen- tile	value	order	percen- tile
101	B1	Bratislava I	2,43	4	96,2%	1,80	1	100,00%	1,85	2	98,8%
102	B2	Bratislava II	2,57	11	87,2%	2,25	6	93,60%	2,15	8	91,1%
103	B3	Bratislava III	2,20	1	100,0%	1,96	2	98,80%	2,00	4	96,2%
104	B4	Bratislava IV	2,35	2	98,8%	1,97	3	97,50%	1,81	1	100,0%
105	B5	Bratislava V	2,52	8	91,1%	2,15	4	96,20%	2,21	11	87,2%
106	MA	Malacky	3,22	47	41,1%	2,71	27	66,70%	2,66	45	43,6%
107	PK	Pezinok	3,05	32	60,3%	2,61	19	77,00%	2,37	22	73,1%
108	SC	Senec	3,08	33	59,0%	2,74	31	61,60%	2,60	38	52,6%
201	DS	Dunajská Streda	3,45	65	18,0%	3,37	74	6,50%	2,71	52	34,7%
202	GA	Galanta	3,12	36	55,2%	3,00	47	41,10%	2,96	65	18,0%
203	HC	Hlohovec	2,96	28	65,4%	2,84	38	52,60%	2,55	34	57,7%
204	PN	Piešťany	2,53	9	89,8%	2,56	17	79,50%	2,24	13	84,7%
205	SE	Senica	3,21	45	43,6%	3,00	48	39,80%	2,68	47	41,1%
206	SI	Skalica	3,17	41	48,8%	2,83	36	55,20%	2,68	49	38,5%
207	TT	Trnava	3,15	38	52,6%	3,04	52	34,70%	2,55	33	59,0%
301	BN	Bánovce nad Bebravou	2,68	13	84,7%	2,48	15	82,10%	2,18	9	89,8%
302	IL	Iľava	2,82	19	77,0%	2,48	14	83,40%	2,36	21	74,4%
303	MY	Myjava	2,71	15	82,1%	2,63	22	73,10%	2,29	14	83,4%
304	NM	Nové Mesto nad Váhom	2,55	10	88,5%	2,44	13	84,70%	2,18	10	88,5%
305	PE	Partizánske	2,47	5	94,9%	2,38	10	88,50%	2,08	5	94,9%
306	PB	Považská Bystrica	2,83	22	73,1%	2,62	20	75,70%	2,43	27	66,7%
307	PD	Prievidza	2,89	25	69,3%	2,62	21	74,40%	2,36	20	75,7%
308	PU	Púchov	2,83	21	74,4%	2,68	24	70,60%	2,30	15	82,1%
309	TN	Trenčín	2,40	3	97,5%	2,29	8	91,10%	2,13	6	93,6%
401	KN	Komárno	3,19	44	44,9%	3,17	62	21,80%	2,83	56	29,5%
402	LV	Levice	3,23	48	39,8%	3,05	53	33,40%	2,72	53	33,4%
403	NR	Nitra	3,04	29	64,2%	2,72	28	65,40%	2,42	26	68,0%
404	NZ	Nové Zámky	3,17	40	50,0%	3,08	56	29,50%	2,64	41	48,8%
405	SA	Šaľa	3,36	61	23,1%	3,24	69	12,90%	3,02	69	12,9%
406	TO	Topoľčany	3,18	42	47,5%	2,80	34	57,70%	2,66	46	42,4%
407	ZM	Zlaté Moravce	2,83	20	75,7%	3,03	50	37,20%	2,57	36	55,2%
501	BY	Bytča	3,28	50	37,2%	2,95	44	44,90%	3,36	79	0,0%
502	CA	Čadca	3,71	75	5,2%	3,35	72	9,00%	2,96	66	16,7%
503	DK	Dolný Kubín	3,04	30	62,9%	3,08	55	30,80%	2,33	17	79,5%
504	KM	Kysucké Nové Mesto	3,34	59	25,7%	2,72	29	64,20%	2,88	61	23,1%
505	LM	Liptovský Mikuláš	2,65	12	85,9%	2,74	30	62,90%	2,49	28	65,4%
506	MT	Martin	2,94	26	68,0%	2,52	16	80,80%	2,31	16	80,8%
507	NO	Námestovo	3,49	69	12,9%	3,70	78	1,30%	3,17	77	2,6%
508	RK	Ružomberok	3,29	51	35,9%	3,19	63	20,60%	2,65	44	44,9%
509	TR	Turčianske Teplice	3,22	46	42,4%	3,19	65	18,00%	2,77	54	32,1%
510	TS	Tvrdošín	3,09	34	57,7%	3,36	73	7,70%	2,70	51	35,9%
511	ZA	Žilina	2,72	16	80,8%	2,83	37	53,90%	2,51	31	61,6%
601	BB	Banská Bystrica	2,88	24	70,6%	2,37	9	89,80%	2,34	19	77,0%
602	BS	Banská Štiavnica	3,47	68	14,2%	3,71	79	0,00%	3,02	70	11,6%
603	BR	Brezno	3,50	70	11,6%	3,02	49	38,50%	2,84	57	28,3%
604	DT	Detva	3,35	60	24,4%	3,45	77	2,60%	2,98	67	15,4%
605	KA	Krupina	3,52	71	10,3%	3,41	76	3,90%	3,10	75	5,2%
606	LC	Lučenec	3,47	67	15,4%	3,21	66	16,70%	3,10	74	6,5%
607	PT	Poltár	3,72	76	3,9%	3,34	71	10,30%	3,01	68	14,2%
608	RA	Revúca	3,71	74	6,5%	3,15	61	23,10%	3,29	78	1,3%
609	RS	Rimavská Sobota	3,25	49	38,5%	3,22	67	15,40%	2,88	62	21,8%
610	VK	Veľký Krtíš	3,19	43	46,2%	3,14	60	24,40%	2,89	63	20,6%
611	ZV	Zvolen	2,77	17	79,5%	2,67	23	71,80%	2,39	24	70,6%
612	ZC	Žarnovica	3,15	37	53,9%	3,06	54	32,10%	2,51	30	62,9%
613	ZH	Žiar nad Hronom	3,33	55	30,8%	2,87	41	48,80%	2,56	35	56,5%
701	BJ	Bardejov	3,05	31	61,6%	2,40	11	87,20%	2,41	25	69,3%
702	HE	Humenné	2,86	23	71,8%	2,78	33	59,00%	2,38	23	71,8%
703	KK	Kežmarok	3,33	57	28,3%	3,12	59	25,70%	3,16	76	3,9%
704	LE	Levoča	3,32	54	32,1%	2,78	32	60,30%	2,68	48	39,8%
705	ML	Medzilaborce	3,57	73	7,7%	3,37	75	5,20%	2,84	58	27,0%
706	PP	Poprad	2,95	27	66,7%	2,59	18	78,30%	2,49	29	64,2%
707	PO	Prešov	3,16	39	51,3%	2,70	26	68,00%	2,34	18	78,3%
708	SB	Sabinov	3,32	53	33,4%	2,88	42	47,50%	2,64	42	47,5%
709	SV	Snina	3,33	56	29,5%	2,99	45	43,60%	2,57	37	53,9%
710	SL	Stará Ľubovňa	3,11	35	56,5%	2,92	43	46,20%	2,80	55	30,8%
711	SP	Stropkov	3,44	64	19,3%	3,19	64	19,30%	2,60	39	51,3%
712	SK	Svidník	3,39	62	21,8%	2,84	39	51,30%	2,65	43	46,2%
713	VT	Vranov nad Topľou	2,80	18	78,3%	2,69	25	69,30%	2,69	50	37,2%
801	GL	Gelnica	3,92	79	0,0%	3,00	46	42,40%	2,85	60	24,4%
802	K1	Košice I	2,51	7	92,4%	2,28	7	92,40%	1,99	3	97,5%
803	K2	Košice II	2,69	14	83,4%	2,17	5	94,90%	2,15	7	92,4%
804	K3	Košice III	2,51	6	93,6%	2,40	12	85,90%	2,23	12	85,9%
805	K4	Košice IV	3,46	66	16,7%	2,82	35	56,50%	2,63	40	50,0%
806	KS	Košice-okolie	3,31	52	34,7%	3,03	51	35,90%	2,91	64	19,3%
807	MI	Michalovce	3,56	72	9,0%	3,09	57	28,30%	2,85	59	25,7%
808	RV	Rožňava	3,91	78	1,3%	3,22	68	14,20%	3,09	72	9,0%
809	SO	Sobrance	3,41	63	20,6%	3,11	58	27,00%	3,04	71	10,3%
810	SN	Spišská Nová Ves	3,33	58	27,0%	2,85	40	50,00%	2,53	32	60,3%
811	TV	Trebišov	3,75	77	2,6%	3,25	70	11,60%	3,10	73	7,7%

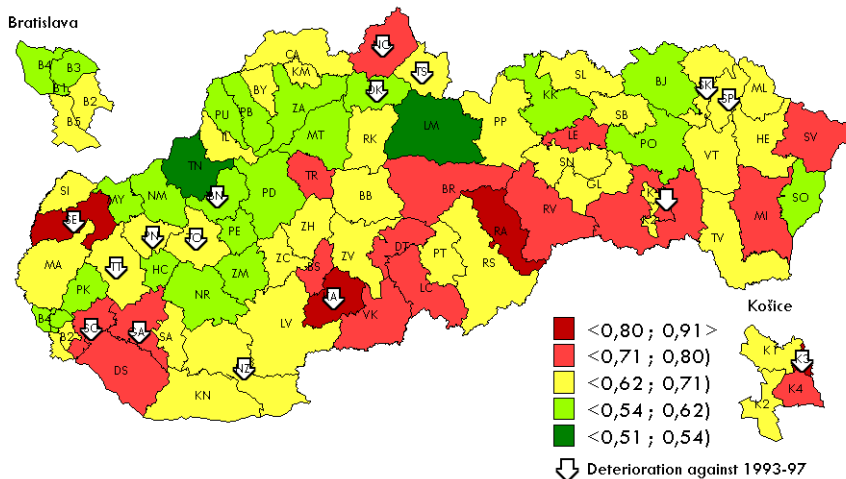
Standardized mortality rates for deaths induced directly or indirectly by smoking tobacco at age 35 and more, females

Period 1993-97

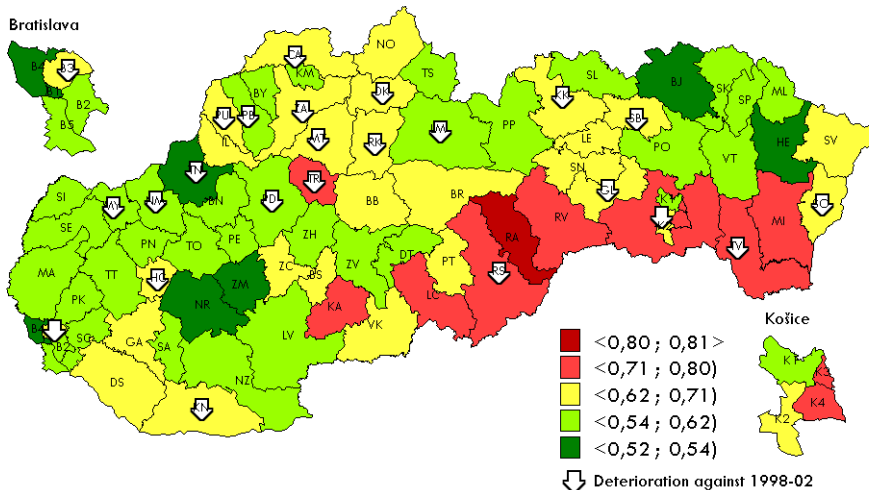


- Female mortality induced directly or indirectly by smoking tobacco shows in general a declining tendency.
- There is only one district where female mortality induced directly or indirectly by smoking tobacco increased through all examined period, namely Dolný Kubín..

Period 1998-02



Period 2003-07

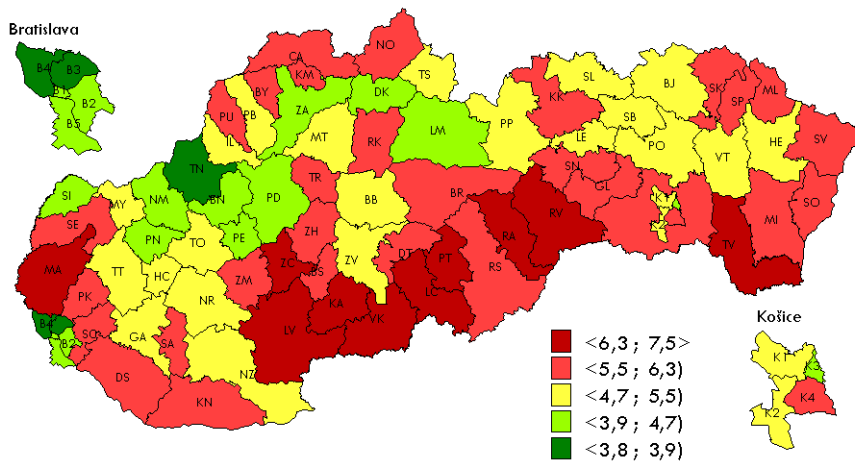


Standardized mortality rates for deaths induced directly or indirectly by smoking tobacco at age 35 and more, females

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percentile	value	order	percen- tile
101	B1	Bratislava I	0,62	7	92,4%	0,55	3	97,5%	0,54	7	92,4%
102	B2	Bratislava II	0,71	35	56,5%	0,66	41	48,8%	0,58	19	77,0%
103	B3	Bratislava III	0,62	10	88,5%	0,59	10	88,5%	0,64	53	33,4%
104	B4	Bratislava IV	0,68	29	64,2%	0,60	20	75,7%	0,53	3	97,5%
105	B5	Bratislava V	0,73	43	46,2%	0,65	37	53,9%	0,58	24	70,6%
106	MA	Malacky	0,78	57	28,3%	0,67	44	44,9%	0,60	32	60,3%
107	PK	Pezinok	0,68	26	68,0%	0,61	21	74,4%	0,57	15	82,1%
108	SC	Senec	0,69	30	62,9%	0,74	66	16,7%	0,58	21	74,4%
201	DS	Dunajská Streda	0,72	40	50,0%	0,72	61	23,1%	0,65	54	32,1%
202	GA	Galanta	0,71	36	55,2%	0,73	65	18,0%	0,71	66	16,7%
203	HC	Hlohovec	0,61	6	93,6%	0,60	17	79,5%	0,62	43	46,2%
204	PN	Piešťany	0,63	14	83,4%	0,65	36	55,2%	0,57	18	78,3%
205	SE	Senica	0,68	28	65,4%	0,81	76	3,9%	0,62	40	50,0%
206	SI	Skalica	0,71	38	52,6%	0,71	59	25,7%	0,59	26	68,0%
207	TT	Trnava	0,68	27	66,7%	0,70	56	29,5%	0,61	36	55,2%
301	BN	Bánovce nad Bebravou	0,56	2	98,8%	0,60	15	82,1%	0,55	11	87,2%
302	IL	Ilava	0,69	31	61,6%	0,69	53	33,4%	0,62	44	44,9%
303	MY	Myjava	0,64	20	75,7%	0,59	11	87,2%	0,61	37	53,9%
304	NM	Nové Mesto nad Váhom	0,63	13	84,7%	0,57	6	93,6%	0,57	17	79,5%
305	PE	Partizánske	0,60	5	94,9%	0,60	13	84,7%	0,55	10	88,5%
306	PB	Považská Bystrica	0,67	25	69,3%	0,60	19	77,0%	0,61	34	57,7%
307	PD	Prievidza	0,63	12	85,9%	0,58	9	89,8%	0,61	38	52,6%
308	PU	Púchov	0,64	17	79,5%	0,60	14	83,4%	0,63	47	41,1%
309	TN	Trenčín	0,59	4	96,2%	0,51	1	100,0%	0,52	1	100,0%
401	KN	Komárno	0,69	32	60,3%	0,64	28	65,4%	0,67	61	23,1%
402	LV	Levice	0,70	33	59,0%	0,65	38	52,6%	0,62	41	48,8%
403	NR	Nitra	0,64	18	78,3%	0,56	4	96,2%	0,52	2	98,8%
404	NZ	Nové Zámky	0,65	22	73,1%	0,67	43	46,2%	0,61	35	56,5%
405	SA	Šaľa	0,64	19	77,0%	0,64	32	60,3%	0,61	33	59,0%
406	TO	Topoľčany	0,63	11	87,2%	0,66	39	51,3%	0,57	16	80,8%
407	ZM	Zlaté Moravce	0,65	21	74,4%	0,56	5	94,9%	0,54	5	94,9%
501	BY	Bytča	0,76	52	34,7%	0,63	26	68,0%	0,60	29	64,2%
502	CA	Cadca	0,70	34	57,7%	0,64	33	59,0%	0,67	62	21,8%
503	DK	Dolný Kubín	0,58	3	97,5%	0,62	23	71,8%	0,65	56	29,5%
504	KM	Kysucké Nové Mesto	0,72	39	51,3%	0,63	25	69,3%	0,58	25	69,3%
505	LM	Liptovský Mikuláš	0,53	1	100,0%	0,53	2	98,8%	0,56	12	85,9%
506	MT	Martin	0,67	23	71,8%	0,57	7	92,4%	0,62	42	47,5%
507	NO	Námestovo	0,71	37	53,9%	0,78	75	5,2%	0,68	64	19,3%
508	RK	Ružomberok	0,75	49	38,5%	0,68	45	43,6%	0,71	67	15,4%
509	TR	Turčianske Teplice	0,77	53	33,4%	0,74	68	14,2%	0,75	77	2,6%
510	TS	Tvrdošín	0,62	8	91,1%	0,68	50	37,2%	0,61	39	51,3%
511	ZA	Zilina	0,64	16	80,8%	0,60	12	85,9%	0,65	57	28,3%
601	BB	Banská Bystrica	0,73	44	44,9%	0,64	34	57,7%	0,63	50	37,2%
602	BS	Banská Štiavnica	0,85	71	10,3%	0,74	69	12,9%	0,66	59	25,7%
603	BR	Brezno	0,80	61	23,1%	0,74	67	15,4%	0,63	48	39,8%
604	DT	Detva	0,77	56	29,5%	0,75	71	10,3%	0,54	8	91,1%
605	KA	Krupina	0,83	66	16,7%	0,86	77	2,6%	0,73	74	6,5%
606	LC	Lučenec	0,84	68	14,2%	0,77	74	6,5%	0,73	75	5,2%
607	PT	Poltár	0,81	63	20,6%	0,64	30	62,9%	0,63	45	43,6%
608	RA	Revúca	0,95	79	0,0%	0,91	79	0,0%	0,80	79	0,0%
609	RS	Rimavská Sobota	0,80	62	21,8%	0,69	52	34,7%	0,74	76	3,9%
610	VK	Veľký Krtíš	0,83	67	15,4%	0,72	62	21,8%	0,71	68	14,2%
611	ZV	Zvolen	0,73	42	47,5%	0,64	27	66,7%	0,56	13	84,7%
612	ZC	Žarnovica	0,82	64	19,3%	0,68	48	39,8%	0,65	58	27,0%
613	ZH	Žiar nad Hronom	0,73	46	42,4%	0,64	29	64,2%	0,55	9	89,8%
701	BJ	Bardejov	0,67	24	70,6%	0,58	8	91,1%	0,53	4	96,2%
702	HE	Humenné	0,74	48	39,8%	0,71	58	27,0%	0,54	6	93,6%
703	KK	Kežmarok	0,77	54	32,1%	0,60	18	78,3%	0,68	63	20,6%
704	LE	Levoča	0,86	73	7,7%	0,75	70	11,6%	0,66	60	24,4%
705	ML	Medzilaborce	0,76	51	35,9%	0,67	42	47,5%	0,58	20	75,7%
706	PP	Poprad	0,74	47	41,1%	0,66	40	50,0%	0,57	14	83,4%
707	PO	Prešov	0,76	50	37,2%	0,61	22	73,1%	0,60	30	62,9%
708	SB	Sabinov	0,86	74	6,5%	0,62	24	70,6%	0,65	55	30,8%
709	SV	Snina	0,88	75	5,2%	0,72	63	20,6%	0,63	49	38,5%
710	SL	Stará Ľubovňa	0,73	41	48,8%	0,68	49	38,5%	0,58	22	73,1%
711	SP	Stropkov	0,62	9	89,8%	0,65	35	56,5%	0,59	27	66,7%
712	SK	Svidník	0,64	15	82,1%	0,68	51	35,9%	0,60	31	61,6%
713	VT	Vranov nad Topľou	0,80	59	25,7%	0,70	57	28,3%	0,59	28	65,4%
801	GL	Gelnica	0,85	70	11,6%	0,64	31	61,6%	0,68	65	18,0%
802	K1	Košice I	0,77	55	30,8%	0,69	54	32,1%	0,58	23	71,8%
803	K2	Košice II	0,85	69	12,9%	0,68	47	41,1%	0,63	51	35,9%
804	K3	Košice III	0,82	65	18,0%	0,87	78	1,3%	0,72	70	11,6%
805	K4	Košice IV	0,95	78	1,3%	0,75	72	9,0%	0,75	78	1,3%
806	KS	Košice-okolie	0,78	58	27,0%	0,72	60	24,4%	0,72	69	12,9%
807	MI	Michalovce	0,80	60	24,4%	0,72	64	19,3%	0,72	71	10,3%
808	RV	Rožňava	0,93	77	2,6%	0,76	73	7,7%	0,73	73	7,7%
809	SO	Sobrance	0,73	45	43,6%	0,60	16	80,8%	0,63	46	42,4%
810	SN	Spišská Nová Ves	0,92	76	3,9%	0,68	46	42,4%	0,64	52	34,7%
811	TV	Trebišov	0,86	72	9,0%	0,70	55	30,8%	0,72	72	9,0%

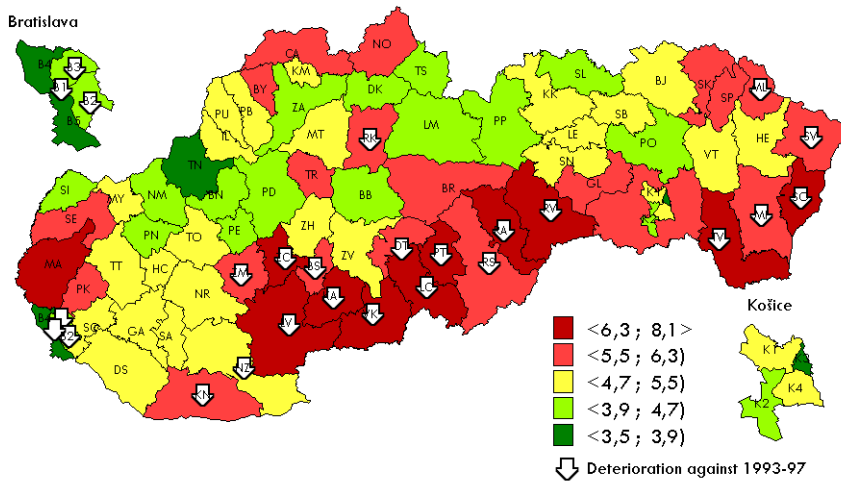
Standardized avoidable mortality rates, males

Period 1993-97

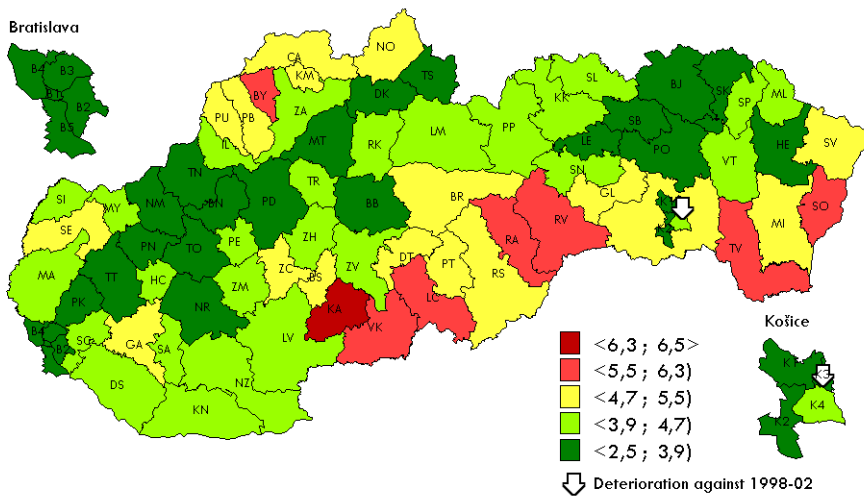


- Male avoidable mortality increase was mainly in the Southern regions of Slovakia from the period 1993-97 to 1998-02.
- In general there is a decline in male avoidable mortality for the period 1998-02 to 2003-07.

Period 1998-02



Period 2003-07

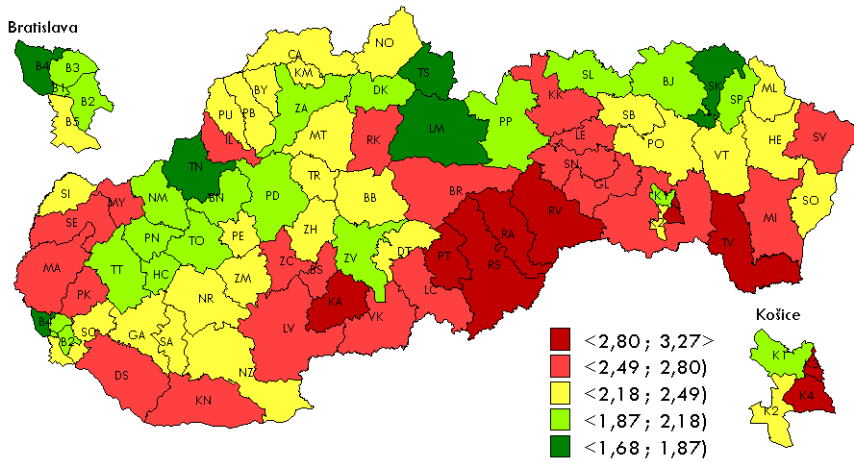


Standardized avoidable mortality rates, males

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percentile	value	order	percen- tile
101	B1	Bratislava I	4,07	4	96,20%	4,69	22	73,1%	2,72	2	98,8%
102	B2	Bratislava II	4,09	5	94,90%	4,10	7	92,4%	3,30	6	93,6%
103	B3	Bratislava III	3,86	2	98,80%	4,20	8	91,1%	2,92	3	97,5%
104	B4	Bratislava IV	3,81	1	100,00%	3,50	2	98,8%	2,55	1	100,0%
105	B5	Bratislava V	4,34	10	88,50%	3,74	3	97,5%	3,32	8	91,1%
106	MA	Malacky	6,56	76	3,90%	6,33	70	11,6%	4,06	34	57,7%
107	PK	Pezinok	6,12	65	18,00%	5,99	63	20,6%	3,75	24	70,6%
108	SC	Senec	5,50	41	48,80%	5,23	42	47,5%	3,97	33	59,0%
201	DS	Dunajská Streda	5,50	40	50,00%	5,16	38	52,6%	4,17	35	56,5%
202	GA	Galanta	5,04	29	64,20%	4,89	29	64,2%	4,78	59	25,7%
203	HC	Hlohovec	5,00	27	66,70%	4,90	31	61,6%	3,96	32	60,3%
204	PN	Piešťany	4,34	9	89,80%	4,25	9	89,8%	3,53	14	83,4%
205	SE	Senica	5,78	54	32,10%	5,64	50	37,2%	4,91	63	20,6%
206	SI	Skalica	4,58	13	84,70%	4,46	15	82,1%	4,21	41	48,8%
207	TT	Trnava	5,33	36	55,20%	5,09	35	56,5%	3,75	22	73,1%
301	BN	Bánovce nad Bebravou	4,65	14	83,40%	4,53	17	79,5%	3,81	27	66,7%
302	IL	Ilava	5,26	35	56,50%	4,86	27	66,7%	4,51	49	38,5%
303	MY	Myjava	5,07	31	61,60%	4,89	30	62,9%	3,91	28	65,4%
304	NM	Nové Mesto nad Váhom	4,17	6	93,60%	4,06	5	94,9%	3,62	16	80,8%
305	PE	Partizánske	4,65	15	82,10%	4,47	16	80,8%	3,94	31	61,6%
306	PB	Považská Bystrica	5,15	33	59,00%	4,95	33	59,0%	4,75	56	29,5%
307	PD	Prievidza	4,30	7	92,40%	4,08	6	93,6%	3,79	26	68,0%
308	PU	Púchov	5,51	42	47,50%	5,28	43	46,2%	4,98	64	19,3%
309	TN	Trenčín	3,87	3	97,50%	3,75	4	96,2%	3,34	10	88,5%
401	KN	Komárno	5,98	61	23,10%	5,99	62	21,8%	4,49	47	41,1%
402	LV	Levice	6,32	70	11,60%	6,34	71	10,3%	4,61	52	34,7%
403	NR	Nitra	5,36	37	53,90%	5,18	39	51,3%	3,67	18	78,3%
404	NZ	Nové Zámky	5,15	34	57,70%	5,19	40	50,0%	4,17	36	55,2%
405	SA	Šaľa	5,63	46	42,40%	5,48	47	41,1%	4,47	46	42,4%
406	TO	Topoľčany	5,48	39	51,30%	5,31	45	43,6%	3,73	19	77,0%
407	ZM	Zlaté Moravce	5,76	53	33,40%	5,77	54	32,1%	4,51	48	39,8%
501	BY	Bytča	5,95	59	25,70%	5,82	56	29,5%	5,51	72	9,0%
502	CA	Čadca	6,18	67	15,40%	6,08	64	19,3%	5,20	70	11,6%
503	DK	Dolný Kubín	4,69	16	80,80%	4,40	13	84,7%	3,50	13	84,7%
504	KM	Kysucké Nové Mesto	5,72	52	34,70%	5,50	48	39,8%	4,75	57	28,3%
505	LM	Liptovský Mikuláš	4,53	12	85,90%	4,39	12	85,9%	4,19	38	52,6%
506	MT	Martin	5,07	30	62,90%	4,75	24	70,6%	3,45	12	85,9%
507	NO	Námestovo	6,17	66	16,70%	5,81	55	30,8%	5,14	67	15,4%
508	RK	Ružomberok	5,66	47	41,10%	5,86	58	27,0%	4,38	45	43,6%
509	TR	Turčianske Teplice	5,91	58	27,00%	5,70	51	35,9%	4,61	51	35,9%
510	TS	Tvrdošín	4,87	21	74,40%	4,57	19	77,0%	3,37	11	87,2%
511	ZA	Žilina	4,45	11	87,20%	4,33	11	87,2%	4,20	39	51,3%
601	BB	Banská Bystrica	4,79	19	77,00%	4,57	18	78,3%	3,66	17	79,5%
602	BS	Banská Štiavnica	6,00	62	21,80%	6,09	66	16,7%	5,17	69	12,9%
603	BR	Brezno	6,01	63	20,60%	5,96	61	23,1%	4,79	60	24,4%
604	DT	Detva	6,19	68	14,20%	6,22	68	14,2%	5,15	68	14,2%
605	KA	Krupina	7,48	79	0,00%	8,06	79	0,0%	6,48	79	0,0%
606	LC	Lučenec	6,46	74	6,50%	6,55	74	6,5%	5,52	73	7,7%
607	PT	Poltár	6,33	71	10,30%	6,59	75	5,2%	4,81	61	23,1%
608	RA	Revúca	6,42	73	7,70%	6,46	73	7,7%	5,84	76	3,9%
609	RS	Rimavská Sobota	5,97	60	24,40%	6,14	67	15,4%	5,25	71	10,3%
610	VK	Veľký Krtíš	6,37	72	9,00%	6,39	72	9,0%	5,66	74	6,5%
611	ZV	Zvolen	4,86	20	75,70%	4,77	25	69,3%	4,26	43	46,2%
612	ZC	Žarnovica	6,50	75	5,20%	6,74	76	3,9%	4,77	58	27,0%
613	ZH	Ziar nad Hronom	5,53	43	46,20%	5,42	46	42,4%	4,24	42	47,5%
701	BJ	Bardejov	4,90	22	73,10%	4,78	26	68,0%	3,16	4	96,2%
702	HE	Humenné	4,93	24	70,60%	4,74	23	71,8%	3,74	20	75,7%
703	KK	Kežmarok	5,59	44	44,90%	5,28	44	44,9%	4,65	53	33,4%
704	LE	Levoča	5,44	38	52,60%	5,15	37	53,9%	3,30	7	92,4%
705	ML	Medzilaborce	5,59	45	43,60%	5,83	57	28,3%	4,60	50	37,2%
706	PP	Poprad	4,71	17	79,50%	4,41	14	83,4%	3,94	30	62,9%
707	PO	Prešov	4,91	23	71,80%	4,63	20	75,7%	3,21	5	94,9%
708	SB	Sabinov	5,14	32	60,30%	4,87	28	65,4%	3,75	23	71,8%
709	SV	Snina	5,67	48	39,80%	5,70	52	34,7%	4,73	55	30,8%
710	SL	Stará Ľubovňa	4,78	18	78,30%	4,65	21	74,4%	3,92	29	64,2%
711	SP	Stropkov	6,06	64	19,30%	5,93	60	24,4%	4,20	40	50,0%
712	SK	Svidník	5,70	50	37,20%	5,63	49	38,5%	3,32	9	89,8%
713	VT	Vranov nad Topľou	5,03	28	65,40%	5,00	34	57,7%	4,18	37	53,9%
801	GL	Gelnica	6,23	69	12,90%	6,09	65	18,0%	5,08	65	18,0%
802	K1	Košice I	4,98	26	68,00%	4,94	32	60,3%	3,58	15	82,1%
803	K2	Košice II	4,96	25	69,30%	4,30	10	88,5%	3,74	21	74,4%
804	K3	Košice III	4,32	8	91,10%	3,47	1	100,0%	3,78	25	69,3%
805	K4	Košice IV	5,69	49	38,50%	5,13	36	55,2%	4,66	54	32,1%
806	KS	Košice-okolie	5,82	56	29,50%	5,74	53	33,4%	5,12	66	16,7%
807	MI	Michalovce	5,79	55	30,80%	5,90	59	25,7%	4,91	62	21,8%
808	RV	Rožňava	7,09	78	1,30%	7,19	78	1,3%	6,21	78	1,3%
809	SO	Sobrance	5,89	57	28,30%	6,32	69	12,9%	5,82	75	5,2%
810	SN	Spišská Nová Ves	5,71	51	35,90%	5,22	41	48,8%	4,30	44	44,9%
811	TV	Trebišov	6,81	77	2,60%	7,01	77	2,6%	6,11	77	2,6%

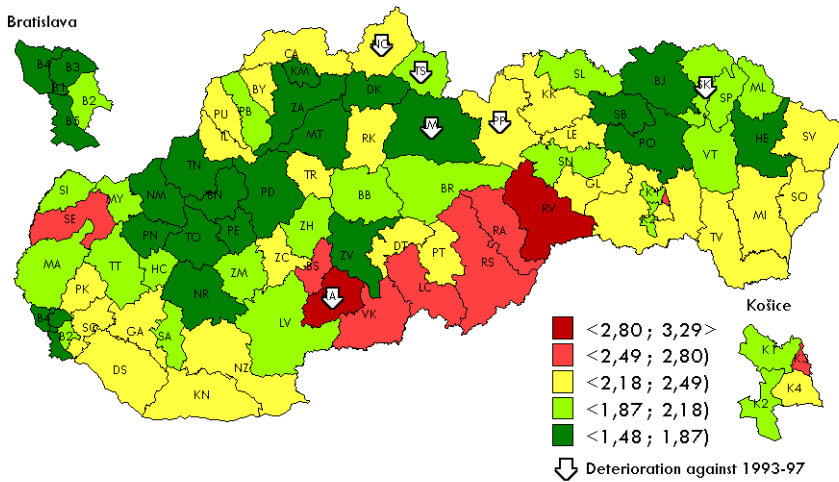
Standardized avoidable mortality rates, females

Period 1993-97

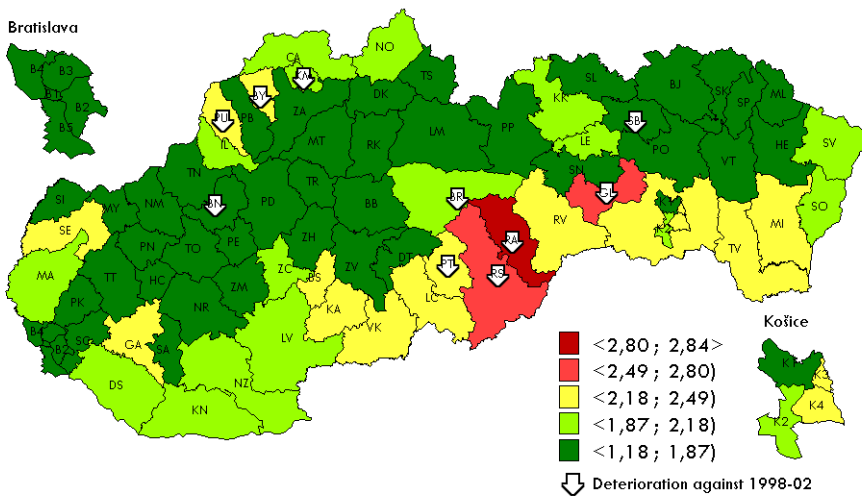


- In general we see a decline in female avoidable mortality through all examined periods.
- The highest female avoidable mortality was in the districts of Revúca, Rimavská Sobota and Gelnica.

Period 1998-02



Period 2003-07

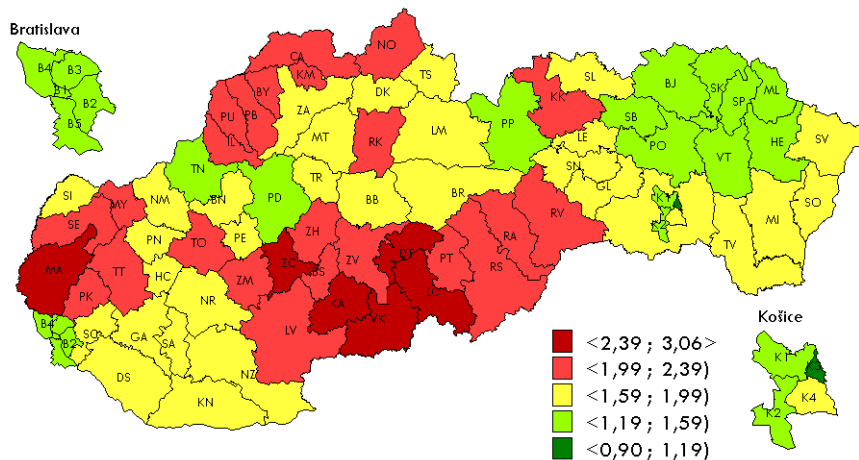


Standardized avoidable mortality rates, females

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percentile	value	order	percen- tile
101	B1	Bratislava I	1,94	8	91,1%	1,72	3	97,5%	1,18	1	100,0%
102	B2	Bratislava II	2,11	16	80,8%	1,91	24	70,6%	1,65	19	77,0%
103	B3	Bratislava III	2,06	12	85,9%	1,86	20	75,7%	1,60	15	82,1%
104	B4	Bratislava IV	1,87	5	94,9%	1,75	7	92,4%	1,33	4	96,2%
105	B5	Bratislava V	2,21	28	65,4%	1,87	21	74,4%	1,69	23	71,8%
106	MA	Malacky	2,78	70	11,6%	2,11	39	51,3%	1,97	51	35,9%
107	PK	Pezinok	2,55	57	28,3%	2,18	45	43,6%	1,83	42	47,5%
108	SC	Senec	2,45	48	39,8%	2,45	69	12,9%	1,81	39	51,3%
201	DS	Dunajská Streda	2,52	53	33,4%	2,25	57	28,3%	2,00	52	34,7%
202	GA	Galanta	2,27	35	56,5%	2,21	50	37,2%	2,19	62	21,8%
203	HC	Hlohovec	2,12	17	79,5%	1,96	29	64,2%	1,63	17	79,5%
204	PN	Piešťany	2,05	11	87,2%	1,82	14	83,4%	1,73	32	60,3%
205	SE	Senica	2,75	68	14,2%	2,61	73	7,7%	2,20	64	19,3%
206	SI	Skalica	2,21	26	68,0%	2,04	35	56,5%	1,84	43	46,2%
207	TT	Trnava	2,14	22	73,1%	2,08	38	52,6%	1,57	13	84,7%
301	BN	Bánovce nad Bebravou	2,13	20	75,7%	1,65	2	98,8%	1,78	37	53,9%
302	IL	Ilava	2,70	65	18,0%	2,21	51	35,9%	1,96	49	38,5%
303	MY	Myjava	2,55	56	29,5%	2,00	31	61,6%	1,77	36	55,2%
304	NM	Nové Mesto nad Váhom	2,13	21	74,4%	1,75	6	93,6%	1,60	14	83,4%
305	PE	Partizánske	2,34	40	50,0%	1,84	17	79,5%	1,70	24	70,6%
306	PB	Považská Bystrica	2,41	46	42,4%	2,04	34	57,7%	1,76	35	56,5%
307	PD	Prievidza	1,93	7	92,4%	1,75	5	94,9%	1,72	28	65,4%
308	PU	Púchov	2,36	42	47,5%	2,28	60	24,4%	2,34	72	9,0%
309	TN	Trenčín	1,87	4	96,2%	1,48	1	100,0%	1,40	5	94,9%
401	KN	Komárno	2,55	58	27,0%	2,22	53	33,4%	2,08	56	29,5%
402	LV	Levice	2,70	64	19,3%	2,18	44	44,9%	1,93	47	41,1%
403	NR	Nitra	2,26	33	59,0%	1,74	4	96,2%	1,55	12	85,9%
404	NZ	Nové Zámky	2,30	37	53,9%	2,23	54	32,1%	1,96	50	37,2%
405	SA	Šaľa	2,31	38	52,6%	1,91	25	69,3%	1,73	29	64,2%
406	TO	Topoľčany	2,09	13	84,7%	1,77	9	89,8%	1,70	25	69,3%
407	ZM	Zlaté Moravce	2,25	30	62,9%	2,07	36	55,2%	1,49	10	88,5%
501	BY	Bytča	2,37	43	46,2%	2,20	47	41,1%	2,23	67	15,4%
502	CA	Čadca	2,41	45	43,6%	2,22	52	34,7%	2,17	61	23,1%
503	DK	Dolný Kubín	2,12	18	78,3%	1,82	13	84,7%	1,66	20	75,7%
504	KM	Kysucké Nové Mesto	2,20	25	69,3%	1,81	12	85,9%	2,04	55	30,8%
505	LM	Liptovský Mikuláš	1,68	1	100,0%	1,85	18	78,3%	1,61	16	80,8%
506	MT	Martin	2,25	29	64,2%	1,78	11	87,2%	1,72	27	66,7%
507	NO	Námestovo	2,42	47	41,1%	2,42	66	16,7%	2,12	58	27,0%
508	RK	Ružomberok	2,69	63	20,6%	2,20	49	38,5%	1,82	41	48,8%
509	TR	Turčianske Teplice	2,48	49	38,5%	2,28	59	25,7%	1,86	44	44,9%
510	TS	Trvrdošín	1,79	3	97,5%	1,92	26	68,0%	1,75	34	57,7%
511	ZA	Žilina	2,04	10	88,5%	1,83	15	82,1%	1,81	40	50,0%
601	BB	Banská Bystrica	2,26	32	60,3%	1,92	27	66,7%	1,71	26	68,0%
602	BS	Banská Štiavnica	2,64	61	23,1%	2,63	74	6,5%	2,23	66	16,7%
603	BR	Brezno	2,49	51	35,9%	2,15	43	46,2%	2,15	59	25,7%
604	DT	Detva	2,40	44	44,9%	2,37	65	18,0%	1,66	21	74,4%
605	KA	Krupina	3,27	79	0,0%	3,29	79	0,0%	2,48	76	3,9%
606	LC	Lučenec	2,73	66	16,7%	2,72	76	3,9%	2,46	75	5,2%
607	PT	Poltár	2,81	72	9,0%	2,20	48	39,8%	2,21	65	18,0%
608	RA	Revúca	3,01	77	2,6%	2,78	77	2,6%	2,84	79	0,0%
609	RS	Rimavská Sobota	2,91	74	6,5%	2,49	71	10,3%	2,53	77	2,6%
610	VK	Veľký Krtíš	2,79	71	10,3%	2,65	75	5,2%	2,24	68	14,2%
611	ZV	Zvolen	2,10	15	82,1%	1,87	22	73,1%	1,73	33	59,0%
612	ZC	Žarnovica	2,55	55	30,8%	2,43	67	15,4%	2,09	57	28,3%
613	ZH	Žiar nad Hronom	2,18	24	70,6%	2,13	41	48,8%	1,73	30	62,9%
701	BJ	Bardejov	1,90	6	93,6%	1,83	16	80,8%	1,42	6	93,6%
702	HE	Humenné	2,26	31	61,6%	1,86	19	77,0%	1,50	11	87,2%
703	KK	Kežmarok	2,51	52	34,7%	2,36	64	19,3%	2,15	60	24,4%
704	LE	Levoča	2,77	69	12,9%	2,30	62	21,8%	2,01	53	33,4%
705	ML	Medzilaborce	2,34	41	48,8%	2,07	37	53,9%	1,33	3	97,5%
706	PP	Poprad	2,13	19	77,0%	2,23	55	30,8%	1,67	22	73,1%
707	PO	Prešov	2,21	27	66,7%	1,77	10	88,5%	1,46	9	89,8%
708	SB	Sabinov	2,49	50	37,2%	1,75	8	91,1%	1,79	38	52,6%
709	SV	Snina	2,53	54	32,1%	2,28	58	27,0%	1,95	48	39,8%
710	SL	Stará Ľubovňa	2,10	14	83,4%	1,90	23	71,8%	1,42	7	92,4%
711	SP	Stropkov	2,01	9	89,8%	1,96	28	65,4%	1,33	2	98,8%
712	SK	Svidník	1,69	2	98,8%	2,03	32	60,3%	1,45	8	91,1%
713	VT	Vranov nad Topľou	2,26	34	57,7%	2,03	33	59,0%	1,73	31	61,6%
801	GL	Gelnica	2,60	60	24,4%	2,24	56	29,5%	2,64	78	1,3%
802	K1	Košice I	2,16	23	71,8%	2,00	30	62,9%	1,65	18	78,3%
803	K2	Košice II	2,32	39	51,3%	2,13	40	50,0%	1,88	46	42,4%
804	K3	Košice III	2,96	75	5,2%	2,53	72	9,0%	2,24	69	12,9%
805	K4	Košice IV	2,83	73	7,7%	2,44	68	14,2%	2,33	71	10,3%
806	KS	Košice-okolie	2,74	67	15,4%	2,35	63	20,6%	2,19	63	20,6%
807	MI	Michalovce	2,59	59	25,7%	2,30	61	23,1%	2,25	70	11,6%
808	RV	Rožňava	3,12	78	1,3%	2,90	78	1,3%	2,45	74	6,5%
809	SO	Sobrance	2,29	36	55,2%	2,20	46	42,4%	2,03	54	32,1%
810	SN	Spišská Nová Ves	2,67	62	21,8%	2,14	42	47,5%	1,86	45	43,6%
811	TV	Trebišov	3,01	76	3,9%	2,46	70	11,6%	2,41	73	7,7%

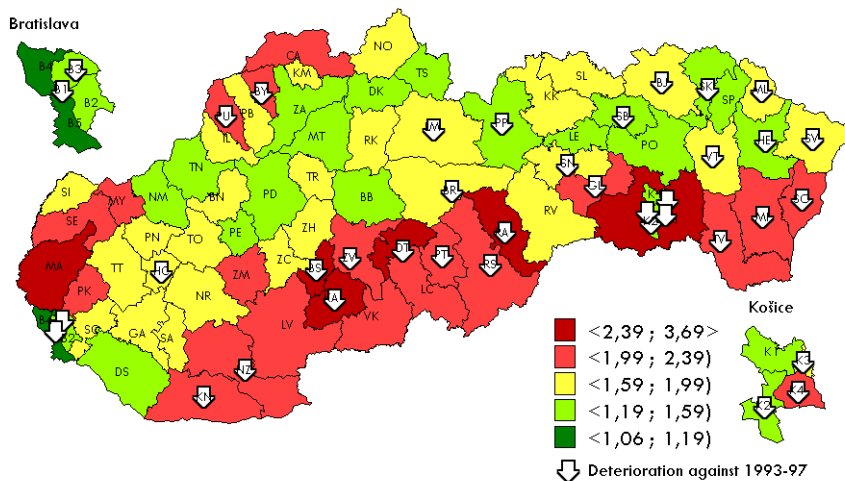
Standardized treatable mortality rates, males

Period 1993-97

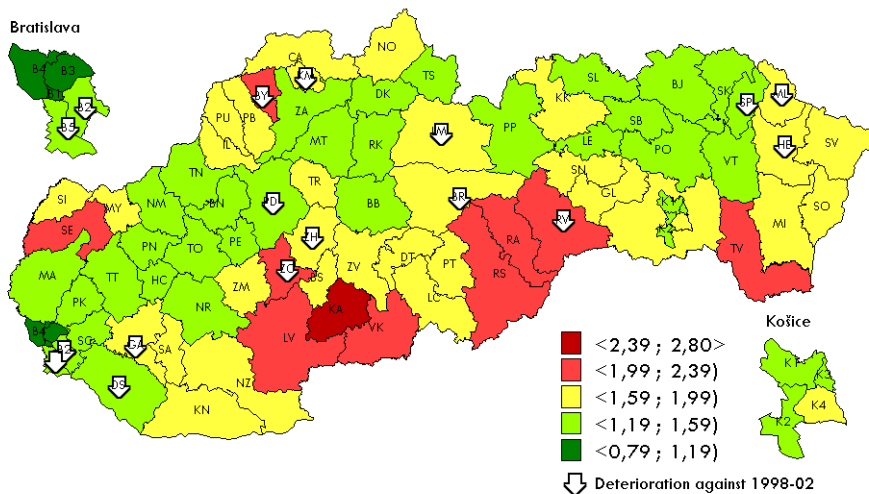


- Male treatable mortality increased from the period 1993-97 to 1998-02 in the Southern part of Slovakia.
- An increase in male treatable mortality through all examined periods can be detected in 5 districts, namely Bytča, Liptovský Mikuláš, Brezno, Humenné and Medzilaborce.

Period 1998-02



Period 2003-07

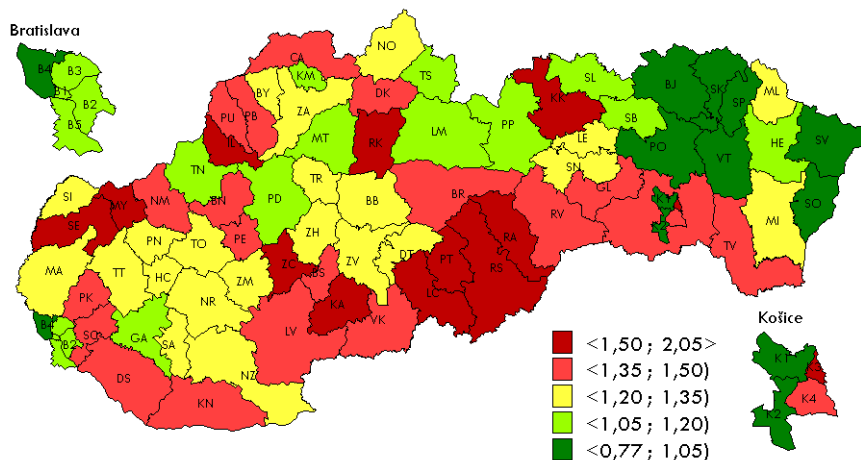


Standardized treatable mortality rates, males

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percentile	value	order	percen- tile
101	B1	Bratislava I	1,22	3	97,5%	1,34	8	91,1%	0,91	2	98,8%
102	B2	Bratislava II	1,22	4	96,2%	1,20	3	97,5%	1,28	16	80,8%
103	B3	Bratislava III	1,25	6	93,6%	1,32	6	93,6%	0,93	3	97,5%
104	B4	Bratislava IV	1,19	2	98,8%	1,09	2	98,8%	0,79	1	100,0%
105	B5	Bratislava V	1,24	5	94,9%	1,06	1	100,0%	1,28	15	82,1%
106	MA	Malacky	2,53	76	3,9%	2,40	74	6,5%	1,44	26	68,0%
107	PK	Pezinok	2,07	59	25,7%	2,04	57	28,3%	1,26	13	84,7%
108	SC	Senec	1,81	37	53,9%	1,69	33	59,0%	1,20	5	94,9%
201	DS	Dunajská Streda	1,67	25	69,3%	1,55	21	74,4%	1,58	36	55,2%
202	GA	Galanta	1,71	26	68,0%	1,64	26	68,0%	1,75	52	34,7%
203	HC	Hlohovec	1,96	48	39,8%	1,98	52	34,7%	1,32	18	78,3%
204	PN	Piešťany	1,74	29	64,2%	1,71	36	55,2%	1,45	27	66,7%
205	SE	Senica	2,20	67	15,4%	2,09	59	25,7%	1,99	70	11,6%
206	SI	Skalica	1,80	36	55,2%	1,75	38	52,6%	1,67	46	42,4%
207	TT	Trnava	2,03	56	29,5%	1,94	49	38,5%	1,46	28	65,4%
301	BN	Bánovce nad Bebravou	1,80	34	57,7%	1,75	39	51,3%	1,50	33	59,0%
302	IL	Iľava	2,02	54	32,1%	1,85	43	46,2%	1,71	48	39,8%
303	MY	Myjava	2,17	63	20,6%	2,02	55	30,8%	1,63	41	48,8%
304	NM	Nové Mesto nad Váhom	1,75	30	62,9%	1,54	20	75,7%	1,52	35	56,5%
305	PE	Partizánske	1,80	35	56,5%	1,53	18	78,3%	1,37	22	73,1%
306	PB	Považská Bystrica	2,17	62	21,8%	1,87	44	44,9%	1,77	53	33,4%
307	PD	Prievidza	1,41	10	88,5%	1,21	4	96,2%	1,24	8	91,1%
308	PU	Púchov	2,19	65	18,0%	2,23	69	12,9%	1,97	69	12,9%
309	TN	Trenčín	1,46	15	82,1%	1,31	5	94,9%	1,22	7	92,4%
401	KN	Komárno	1,94	46	42,4%	2,13	61	23,1%	1,68	47	41,1%
402	LV	Levice	2,35	71	10,3%	2,33	72	9,0%	2,04	72	9,0%
403	NR	Nitra	1,77	33	59,0%	1,66	29	64,2%	1,36	21	74,4%
404	NZ	Nové Zámky	1,83	38	52,6%	2,09	60	24,4%	1,85	61	23,1%
405	SA	Šaľa	1,87	40	50,0%	1,65	27	66,7%	1,59	38	52,6%
406	TO	Topoľčany	2,03	55	30,8%	1,67	31	61,6%	1,42	25	69,3%
407	ZM	Zlaté Moravce	2,33	69	12,9%	2,20	66	16,7%	1,83	58	27,0%
501	BY	Bytča	2,03	57	28,3%	2,05	58	27,0%	2,15	77	2,6%
502	CA	Čadca	2,24	68	14,2%	2,18	64	19,3%	1,80	54	32,1%
503	DK	Dolný Kubín	1,76	32	60,3%	1,50	13	84,7%	1,24	10	88,5%
504	KM	Kysucké Nové Mesto	2,08	60	24,4%	1,77	40	50,0%	1,81	57	28,3%
505	LM	Liptovský Mikuláš	1,61	21	74,4%	1,65	28	65,4%	1,74	51	35,9%
506	MT	Martin	1,61	20	75,7%	1,44	11	87,2%	1,21	6	93,6%
507	NO	Námestovo	2,33	70	11,6%	1,91	45	43,6%	1,80	56	29,5%
508	RK	Ružomberok	2,05	58	27,0%	1,79	41	48,8%	1,58	37	53,9%
509	TR	Turčianske Teplice	1,99	50	37,2%	1,93	48	39,8%	1,64	42	47,5%
510	TS	Trvrdošín	1,61	22	73,1%	1,52	17	79,5%	1,26	12	85,9%
511	ZA	Žilina	1,67	24	70,6%	1,56	22	73,1%	1,50	34	57,7%
601	BB	Banská Bystrica	1,92	42	47,5%	1,36	10	88,5%	1,32	17	79,5%
602	BS	Banská Štiavnica	2,39	73	7,7%	2,54	77	2,6%	1,93	67	15,4%
603	BR	Brezno	1,88	41	48,8%	1,92	46	42,4%	1,93	66	16,7%
604	DT	Detva	2,51	75	5,2%	2,53	76	3,9%	1,80	55	30,8%
605	KA	Krupina	3,06	79	0,0%	3,69	79	0,0%	2,80	79	0,0%
606	LC	Lučenec	2,50	74	6,5%	2,18	63	20,6%	1,86	62	21,8%
607	PT	Poltár	2,38	72	9,0%	2,39	73	7,7%	1,84	60	24,4%
608	RA	Revúca	2,19	64	19,3%	2,59	78	1,3%	2,10	74	6,5%
609	RS	Rimavská Sobota	2,19	66	16,7%	2,29	70	11,6%	2,10	73	7,7%
610	VK	Veľký Krtíš	2,76	78	1,3%	2,22	67	15,4%	2,19	78	1,3%
611	ZV	Zvolen	1,99	52	34,7%	2,00	54	32,1%	1,62	39	51,3%
612	ZC	Žarnovica	2,70	77	2,6%	1,93	47	41,1%	2,13	75	5,2%
613	ZH	Žiar nad Hronom	2,14	61	23,1%	1,71	37	53,9%	1,83	59	25,7%
701	BJ	Bardejov	1,55	19	77,0%	1,68	32	60,3%	1,47	29	64,2%
702	HE	Humenné	1,43	11	87,2%	1,51	16	80,8%	1,62	40	50,0%
703	KK	Kežmarok	1,99	51	35,9%	1,99	53	33,4%	1,93	65	18,0%
704	LE	Levoča	1,84	39	51,3%	1,50	14	83,4%	1,24	9	89,8%
705	ML	Medzilaborce	1,47	16	80,8%	1,66	30	62,9%	1,73	49	38,5%
706	PP	Poprad	1,35	8	91,1%	1,53	19	77,0%	1,38	23	71,8%
707	PO	Prešov	1,44	13	84,7%	1,36	9	89,8%	1,26	14	83,4%
708	SB	Sabinov	1,31	7	92,4%	1,59	24	70,6%	1,35	19	77,0%
709	SV	Snina	1,63	23	71,8%	1,95	50	37,2%	1,73	50	37,2%
710	SL	Stará Ľubovňa	1,72	28	65,4%	1,60	25	69,3%	1,50	32	60,3%
711	SP	Stropkov	1,44	14	83,4%	1,34	7	92,4%	1,47	30	62,9%
712	SK	Svidník	1,43	12	85,9%	1,58	23	71,8%	1,36	20	75,7%
713	VT	Vranov nad Topľou	1,54	18	78,3%	1,70	35	56,5%	1,49	31	61,6%
801	GL	Gelnica	1,76	31	61,6%	2,18	65	18,0%	1,88	63	20,6%
802	K1	Košice I	1,50	17	79,5%	1,45	12	85,9%	1,19	4	96,2%
803	K2	Košice II	1,38	9	89,8%	1,50	15	82,1%	1,25	11	87,2%
804	K3	Košice III	0,90	1	100,0%	1,70	34	57,7%	1,42	24	70,6%
805	K4	Košice IV	1,93	43	46,2%	2,02	56	29,5%	1,66	44	44,9%
806	KS	Košice-okolie	1,99	49	38,5%	2,44	75	5,2%	1,96	68	14,2%
807	MI	Michalovce	1,72	27	66,7%	2,14	62	21,8%	1,66	45	43,6%
808	RV	Rožňava	2,01	53	33,4%	1,79	42	47,5%	2,03	71	10,3%
809	SO	Sobrance	1,94	47	41,1%	2,32	71	10,3%	1,89	64	19,3%
810	SN	Spišská Nová Ves	1,94	44	44,9%	1,97	51	35,9%	1,65	43	46,2%
811	TV	Trebišov	1,94	45	43,6%	2,22	68	14,2%	2,14	76	3,9%

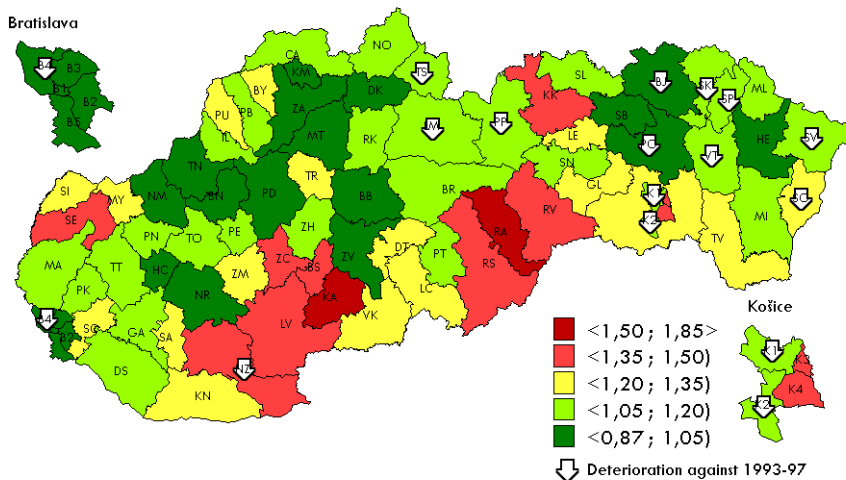
Standardized treatable mortality rates, females

Period 1993-97



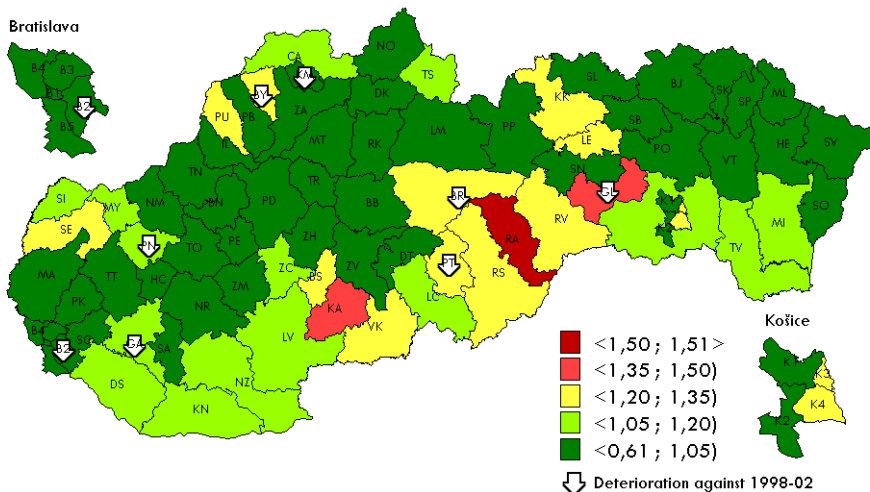
- Female treatable mortality increases from the period 1993-97 to 1998-02 in the Eastern part of Slovakia.
- The highest female treatable mortality was in the districts of Revúca, Gelnica and Krupina.

Period 1998-02



⇩ Deterioration against 1993-97

Period 2003-07



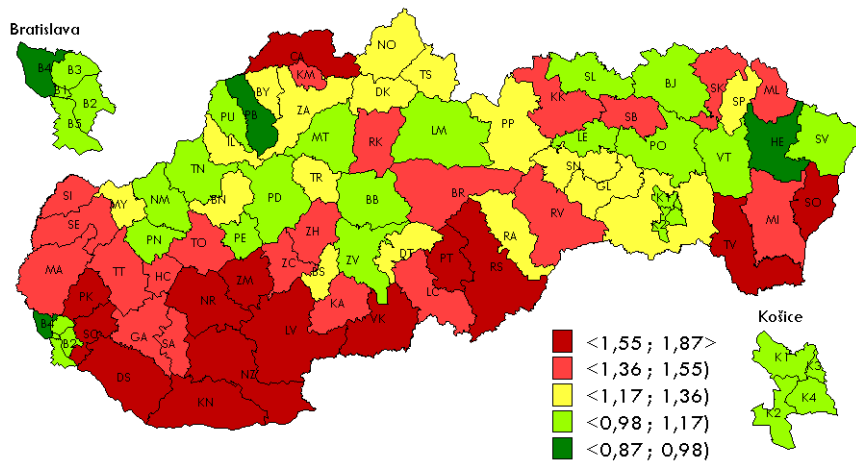
⇩ Deterioration against 1998-02

Standardized treatable mortality rates, females

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percentile	value	order	percen- tile
101	B1	Bratislava I	1,10	17	79,5%	0,92	5	94,9%	0,61	1	100,0%
102	B2	Bratislava II	1,09	16	80,8%	0,90	3	97,5%	0,94	31	61,6%
103	B3	Bratislava III	1,11	18	78,3%	0,94	7	92,4%	0,84	15	82,1%
104	B4	Bratislava IV	0,91	3	97,5%	0,91	4	96,2%	0,74	3	97,5%
105	B5	Bratislava V	1,12	22	73,1%	0,95	9	89,8%	0,89	21	74,4%
106	MA	Malacky	1,27	33	59,0%	1,09	31	61,6%	1,03	48	39,8%
107	PK	Pezinok	1,42	58	27,0%	1,17	45	43,6%	1,02	42	47,5%
108	SC	Senec	1,40	52	34,7%	1,25	58	27,0%	0,95	32	60,3%
201	DS	Dunajská Streda	1,42	60	24,4%	1,14	42	47,5%	1,08	51	35,9%
202	GA	Galanta	1,18	25	69,3%	1,06	23	71,8%	1,09	54	32,1%
203	HC	Hlohovec	1,24	28	65,4%	1,02	16	80,8%	0,89	23	71,8%
204	PN	Piešťany	1,32	43	46,2%	1,08	29	64,2%	1,13	58	27,0%
205	SE	Senica	1,65	75	5,2%	1,40	72	9,0%	1,23	65	18,0%
206	SI	Skalica	1,30	39	51,3%	1,25	56	29,5%	1,09	53	33,4%
207	TT	Trnava	1,26	31	61,6%	1,06	24	70,6%	0,85	17	79,5%
301	BN	Bánovce nad Bebravou	1,39	51	35,9%	1,03	19	77,0%	1,03	47	41,1%
302	IL	Ilava	1,73	78	1,3%	1,14	43	46,2%	1,02	46	42,4%
303	MY	Myjava	1,64	74	6,5%	1,22	54	32,1%	1,07	50	37,2%
304	NM	Nové Mesto nad Váhom	1,47	62	21,8%	0,98	12	85,9%	0,82	13	84,7%
305	PE	Partizánske	1,42	61	23,1%	1,14	41	48,8%	1,02	45	43,6%
306	PB	Považská Bystrica	1,49	65	18,0%	1,12	35	56,5%	0,89	22	73,1%
307	PD	Prievidza	1,14	23	71,8%	0,88	2	98,8%	0,86	18	78,3%
308	PU	Púchov	1,49	66	16,7%	1,32	64	19,3%	1,20	64	19,3%
309	TN	Trenčín	1,11	21	74,4%	0,87	1	100,0%	0,80	11	87,2%
401	KN	Komoró	1,42	59	25,7%	1,28	59	25,7%	1,17	61	23,1%
402	LV	Levice	1,50	67	15,4%	1,37	68	14,2%	1,11	56	29,5%
403	NR	Nitra	1,30	40	50,0%	1,02	15	82,1%	0,90	29	64,2%
404	NZ	Nové Zámky	1,35	47	41,1%	1,39	70	11,6%	1,20	63	20,6%
405	SA	Šaľa	1,26	30	62,9%	1,25	55	30,8%	0,96	36	55,2%
406	TO	Topoľčany	1,20	26	68,0%	1,08	28	65,4%	1,02	44	44,9%
407	ZM	Zlaté Moravce	1,34	45	43,6%	1,33	66	16,7%	0,95	33	59,0%
501	BY	Bytča	1,35	46	42,4%	1,25	57	28,3%	1,28	69	12,9%
502	CA	Čadca	1,41	57	28,3%	1,18	47	41,1%	1,08	52	34,7%
503	DK	Dolný Kubín	1,35	48	39,8%	0,97	10	88,5%	0,80	12	85,9%
504	KM	Kysucké Nové Mesto	1,08	15	82,1%	0,94	8	91,1%	1,01	41	48,8%
505	LM	Liptovský Mikuláš	1,07	13	84,7%	1,09	30	62,9%	0,93	30	62,9%
506	MT	Martin	1,11	19	77,0%	0,92	6	93,6%	0,87	19	77,0%
507	NO	Námestovo	1,29	38	52,6%	1,07	27	66,7%	1,00	39	51,3%
508	RK	Ružomberok	1,51	68	14,2%	1,10	32	60,3%	0,84	16	80,8%
509	TR	Turčianske Teplice	1,32	42	47,5%	1,22	53	33,4%	0,79	9	89,8%
510	TS	Trvrdošín	1,08	14	83,4%	1,13	38	52,6%	1,07	49	38,5%
511	ZA	Žilina	1,23	27	66,7%	1,03	20	75,7%	0,89	24	70,6%
601	BB	Banská Bystrica	1,33	44	44,9%	0,97	11	87,2%	0,95	34	57,7%
602	BS	Banská Štiavnica	1,49	64	19,3%	1,46	76	3,9%	1,27	67	15,4%
603	BR	Brezno	1,41	56	29,5%	1,19	50	37,2%	1,28	68	14,2%
604	DT	Detva	1,27	34	57,7%	1,20	51	35,9%	0,90	28	65,4%
605	KA	Krupina	2,05	79	0,0%	1,85	79	0,0%	1,40	77	2,6%
606	LC	Lučenec	1,57	72	9,0%	1,33	67	15,4%	1,14	59	25,7%
607	PT	Poltár	1,62	73	7,7%	1,07	26	68,0%	1,28	71	10,3%
608	RA	Revúca	1,71	77	2,6%	1,53	78	1,3%	1,51	79	0,0%
609	RS	Rimavská Sobota	1,71	76	3,9%	1,41	73	7,7%	1,32	76	3,9%
610	VK	Veľký Krtíš	1,48	63	20,6%	1,33	65	18,0%	1,30	74	6,5%
611	ZV	Zvolen	1,26	32	60,3%	1,04	21	74,4%	0,90	27	66,7%
612	ZC	Žarnovica	1,57	71	10,3%	1,50	77	2,6%	1,16	60	24,4%
613	ZH	Žiar nad Hronom	1,28	35	56,5%	1,13	40	50,0%	0,96	35	56,5%
701	BJ	Bardejov	1,02	8	91,1%	1,03	18	78,3%	0,78	7	92,4%
702	HE	Humenné	1,06	12	85,9%	0,99	13	84,7%	0,90	25	69,3%
703	KK	Kežmarok	1,52	69	12,9%	1,45	75	5,2%	1,29	73	7,7%
704	LE	Levoča	1,32	41	48,8%	1,29	61	23,1%	1,29	72	9,0%
705	ML	Medzilaborce	1,24	29	64,2%	1,16	44	44,9%	0,76	6	93,6%
706	PP	Poprad	1,11	20	75,7%	1,18	46	42,4%	0,78	8	91,1%
707	PO	Prešov	1,02	7	92,4%	1,02	17	79,5%	0,80	10	88,5%
708	SB	Sabinov	1,06	11	87,2%	1,00	14	83,4%	0,97	37	53,9%
709	SV	Snina	1,00	6	93,6%	1,12	36	55,2%	1,00	38	52,6%
710	SL	Stará Ľubovňa	1,16	24	70,6%	1,07	25	69,3%	0,75	5	94,9%
711	SP	Stropkov	0,83	2	98,8%	1,11	34	57,7%	0,75	4	96,2%
712	SK	Svidník	0,77	1	100,0%	1,10	33	59,0%	0,74	2	98,8%
713	VT	Vranov nad Topľou	0,97	4	96,2%	1,13	37	53,9%	0,90	26	68,0%
801	GL	Gelnica	1,38	49	38,5%	1,29	60	24,4%	1,49	78	1,3%
802	K1	Košice I	1,04	10	88,5%	1,05	22	73,1%	0,83	14	83,4%
803	K2	Košice II	0,99	5	94,9%	1,13	39	51,3%	1,00	40	50,0%
804	K3	Košice III	1,55	70	11,6%	1,44	74	6,5%	1,23	66	16,7%
805	K4	Košice IV	1,41	55	30,8%	1,38	69	12,9%	1,31	75	5,2%
806	KS	Košice-okolie	1,39	50	37,2%	1,32	63	20,6%	1,12	57	28,3%
807	MI	Michalovce	1,29	37	53,9%	1,19	49	38,5%	1,10	55	30,8%
808	RV	Rožňava	1,40	54	32,1%	1,40	71	10,3%	1,28	70	11,6%
809	SO	Sobrance	1,02	9	89,8%	1,21	52	34,7%	0,87	20	75,7%
810	SN	Spišská Nová Ves	1,28	36	55,2%	1,18	48	39,8%	1,02	43	46,2%
811	TV	Trebišov	1,40	53	33,4%	1,32	62	21,8%	1,18	62	21,8%

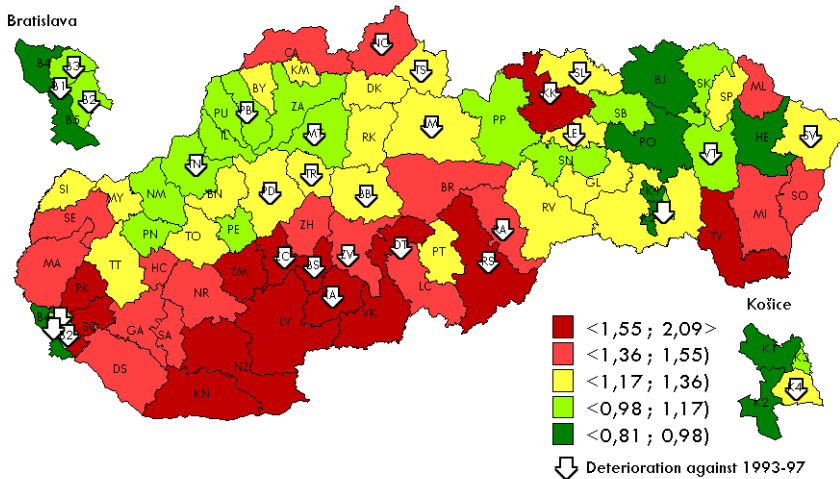
Standardized preventable mortality rates, males

Period 1993-97

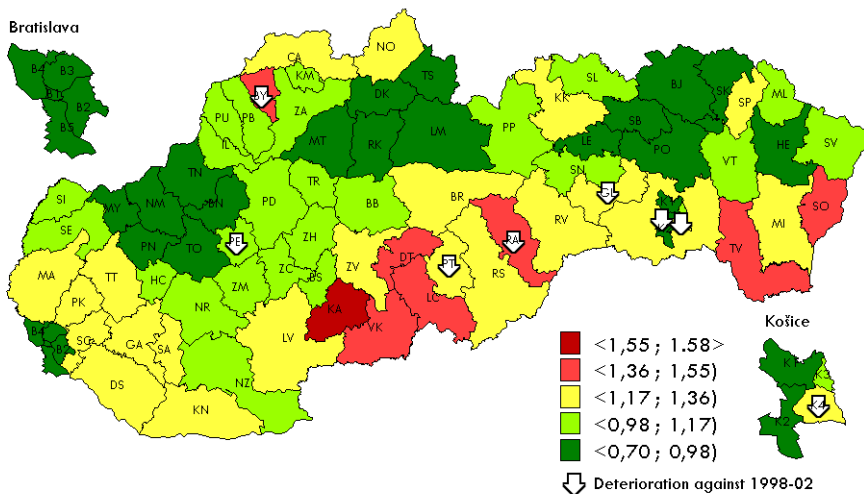


- Male preventable mortality increases mainly in Central Slovakia from the period 1993-97 to 1998-02.
- In general there is a decrease in male preventable mortality from 1998-02 to 2003-07.
- Only in 2 districts show increasing male preventable mortality through all examined periods, namely Revúca and Košice IV.

Period 1998-02



Period 2003-07

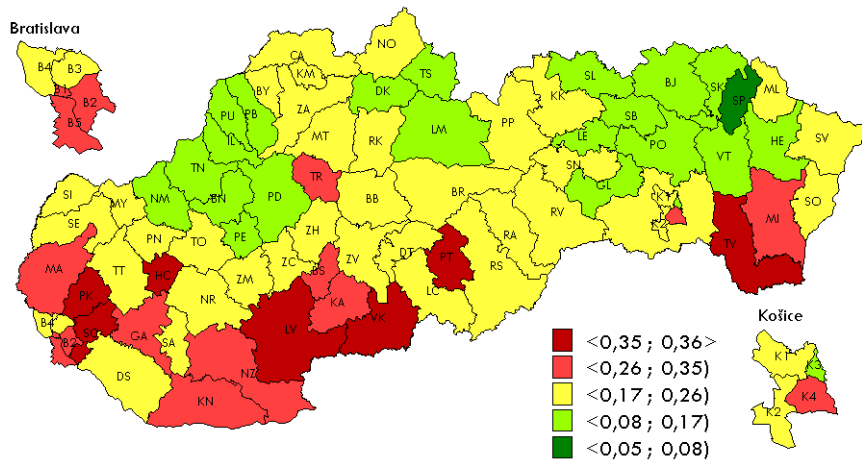


Standardized preventable mortality rates, males

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percentile	value	order	percen- tile
101	B1	Bratislava I	1,15	23	71,8%	1,29	39	51,3%	0,92	15	82,1%
102	B2	Bratislava II	1,10	17	79,5%	1,11	16	80,8%	0,96	22	73,1%
103	B3	Bratislava III	1,04	9	89,8%	1,08	12	85,9%	0,95	21	74,4%
104	B4	Bratislava IV	0,87	1	100,0%	0,81	1	100,0%	0,77	4	96,2%
105	B5	Bratislava V	1,08	14	83,4%	0,91	3	97,5%	0,91	11	87,2%
106	MA	Malacky	1,44	51	35,9%	1,37	50	37,2%	1,19	53	33,4%
107	PK	Pezinok	1,87	79	0,0%	1,80	78	1,3%	1,18	51	35,9%
108	SC	Senec	1,73	73	7,7%	1,64	71	10,3%	1,33	69	12,9%
201	DS	Dunajská Streda	1,62	68	14,2%	1,52	63	20,6%	1,29	66	16,7%
202	GA	Galanta	1,49	57	28,3%	1,44	58	27,0%	1,34	71	10,3%
203	HC	Hlohovec	1,52	61	23,1%	1,45	60	24,4%	1,10	38	52,6%
204	PN	Piešťany	1,16	24	70,6%	1,11	17	79,5%	0,97	24	70,6%
205	SE	Senica	1,49	58	27,0%	1,46	61	23,1%	1,10	39	51,3%
206	SI	Skalica	1,38	48	39,8%	1,34	46	42,4%	1,11	40	50,0%
207	TT	Trnava	1,42	50	37,2%	1,35	48	39,8%	1,18	50	37,2%
301	BN	Bánovce nad Bebravou	1,34	39	51,3%	1,28	37	53,9%	0,97	23	71,8%
302	IL	Ilava	1,22	32	60,3%	1,13	21	74,4%	1,01	28	65,4%
303	MY	Myjava	1,34	42	47,5%	1,31	42	47,5%	0,95	20	75,7%
304	NM	Nové Mesto nad Váhom	1,16	25	69,3%	1,11	14	83,4%	0,91	12	85,9%
305	PE	Partizánske	1,06	11	87,2%	1,03	9	89,8%	1,09	37	53,9%
306	PB	Považská Bystrica	0,97	2	98,8%	1,13	20	75,7%	0,99	25	69,3%
307	PD	Prievidza	1,12	19	77,0%	1,18	25	69,3%	1,05	31	61,6%
308	PU	Púchov	1,14	22	73,1%	1,11	15	82,1%	1,05	33	59,0%
309	TN	Trenčín	1,06	10	88,5%	1,07	11	87,2%	0,85	7	92,4%
401	KN	Komárno	1,72	72	9,0%	1,59	67	15,4%	1,27	60	24,4%
402	LV	Levice	1,76	76	3,9%	1,76	77	2,6%	1,20	54	32,1%
403	NR	Nitra	1,62	69	12,9%	1,40	53	33,4%	1,12	41	48,8%
404	NZ	Nové Zámky	1,58	67	15,4%	1,55	66	16,7%	1,14	43	46,2%
405	SA	Šaľa	1,53	63	20,6%	1,39	52	34,7%	1,20	57	28,3%
406	TO	Topoľčany	1,47	56	29,5%	1,21	30	62,9%	0,94	19	77,0%
407	ZM	Zlaté Moravce	1,63	71	10,3%	1,60	68	14,2%	1,17	49	38,5%
501	BY	Bytča	1,34	41	48,8%	1,34	45	43,6%	1,45	73	7,7%
502	CA	Čadca	1,57	66	16,7%	1,53	65	18,0%	1,30	67	15,4%
503	DK	Dolný Kubín	1,35	44	44,9%	1,31	41	48,8%	0,92	14	83,4%
504	KM	Kysucké Nové Mesto	1,44	53	33,4%	1,26	33	59,0%	1,13	42	47,5%
505	LM	Liptovský Mikuláš	1,17	26	68,0%	1,21	31	61,6%	0,94	18	78,3%
506	MT	Martin	1,08	13	84,7%	1,12	19	77,0%	0,88	9	89,8%
507	NO	Námestovo	1,35	43	46,2%	1,44	59	25,7%	1,28	64	19,3%
508	RK	Ružomberok	1,45	55	30,8%	1,32	43	46,2%	0,89	10	88,5%
509	TR	Turčianske Teplice	1,22	31	61,6%	1,26	36	55,2%	1,09	36	55,2%
510	TS	Trvrdošín	1,23	33	59,0%	1,29	38	52,6%	0,76	2	98,8%
511	ZA	Žilina	1,18	28	65,4%	1,15	22	73,1%	1,06	34	57,7%
601	BB	Banská Bystrica	1,10	16	80,8%	1,26	35	56,5%	1,03	30	62,9%
602	BS	Banská Štiavnica	1,34	40	50,0%	2,09	79	0,0%	1,14	44	44,9%
603	BR	Brezno	1,55	65	18,0%	1,36	49	38,5%	1,24	58	27,0%
604	DT	Detva	1,18	30	62,9%	1,66	74	6,5%	1,49	76	3,9%
605	KA	Krupina	1,51	60	24,4%	1,68	75	5,2%	1,58	79	0,0%
606	LC	Lučenec	1,52	62	21,8%	1,51	62	21,8%	1,45	74	6,5%
607	PT	Poltár	1,73	74	6,5%	1,19	26	68,0%	1,31	68	14,2%
608	RA	Revúca	1,31	35	56,5%	1,43	57	28,3%	1,44	72	9,0%
609	RS	Rimavská Sobota	1,62	70	11,6%	1,69	76	3,9%	1,27	61	23,1%
610	VK	Veľký Krtíš	1,75	75	5,2%	1,64	72	9,0%	1,49	77	2,6%
611	ZV	Zvolen	0,98	6	93,6%	1,41	54	32,1%	1,18	52	34,7%
612	ZC	Žarnovica	1,37	46	42,4%	1,62	70	11,6%	1,15	48	39,8%
613	ZH	Žiar nad Hronom	1,44	52	34,7%	1,41	55	30,8%	1,00	27	66,7%
701	BJ	Bardejov	1,13	21	74,4%	0,85	2	98,8%	0,70	1	100,0%
702	HE	Humenné	0,97	3	97,5%	0,97	5	94,9%	0,88	8	91,1%
703	KK	Kežmarok	1,38	47	41,1%	1,60	69	12,9%	1,33	70	11,6%
704	LE	Levoča	1,02	7	92,4%	1,20	27	66,7%	0,92	16	80,8%
705	ML	Medzilaborce	1,42	49	38,5%	1,38	51	35,9%	1,15	47	41,1%
706	PP	Poprad	1,18	29	64,2%	1,16	23	71,8%	1,15	46	42,4%
707	PO	Prešov	1,10	15	82,1%	0,97	6	93,6%	0,82	6	93,6%
708	SB	Sabinov	1,36	45	43,6%	1,12	18	78,3%	0,82	5	94,9%
709	SV	Snina	1,07	12	85,9%	1,21	29	64,2%	1,05	32	60,3%
710	SL	Stará Ľubovňa	0,98	4	96,2%	1,34	47	41,1%	1,07	35	56,5%
711	SP	Stropkov	1,33	38	52,6%	1,31	40	50,0%	1,20	56	29,5%
712	SK	Svidník	1,55	64	19,3%	1,08	13	84,7%	0,76	3	97,5%
713	VT	Vranov nad Topľou	0,98	5	94,9%	1,17	24	70,6%	1,14	45	43,6%
801	GL	Gelnica	1,33	37	53,9%	1,20	28	65,4%	1,27	62	21,8%
802	K1	Košice I	1,02	8	91,1%	0,95	4	96,2%	0,93	17	79,5%
803	K2	Košice II	1,11	18	78,3%	0,98	7	92,4%	0,92	13	84,7%
804	K3	Košice III	1,12	20	75,7%	1,02	8	91,1%	1,02	29	64,2%
805	K4	Košice IV	1,17	27	66,7%	1,22	32	60,3%	1,27	59	25,7%
806	KS	Košice-okolie	1,32	36	55,2%	1,26	34	57,7%	1,29	65	18,0%
807	MI	Michalovce	1,50	59	25,7%	1,41	56	29,5%	1,20	55	30,8%
808	RV	Rožňava	1,45	54	32,1%	1,32	44	44,9%	1,28	63	20,6%
809	SO	Sobrance	1,79	77	2,6%	1,53	64	19,3%	1,45	75	5,2%
810	SN	Spišská Nová Ves	1,28	34	57,7%	1,05	10	88,5%	0,99	26	68,0%
811	TV	Trebišov	1,86	78	1,3%	1,64	73	7,7%	1,51	78	1,3%

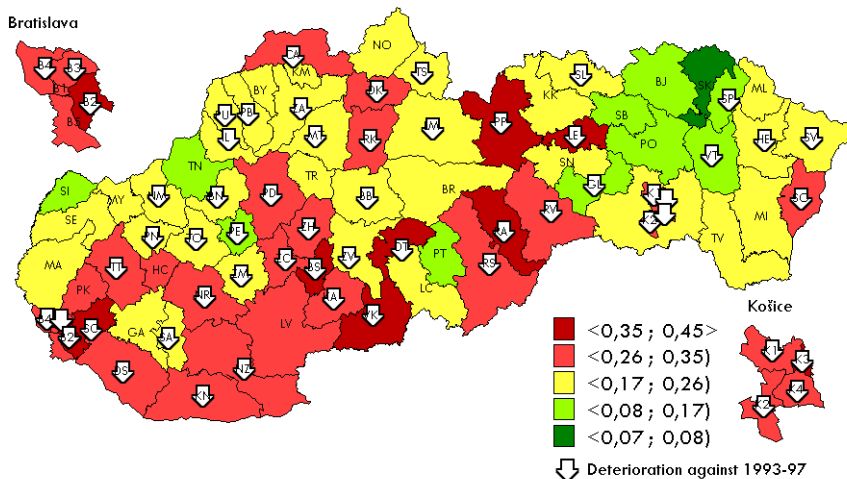
Standardized preventable mortality rates, females

Period 1993-97

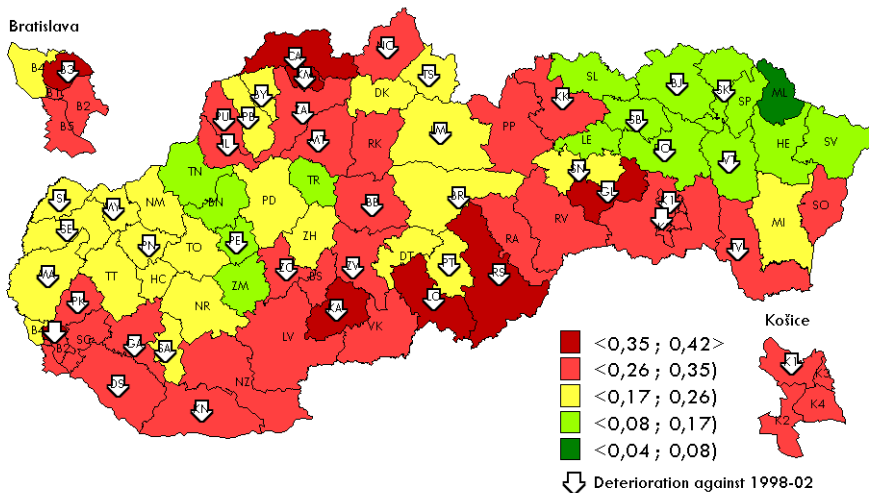


- In general female preventable mortality increases.
- In 22 district female preventable mortality declines through all examined periods.
- Districts of Bratislava and Košice did not belong to districts with the lowest preventable mortality.

Period 1998-02



Period 2003-07

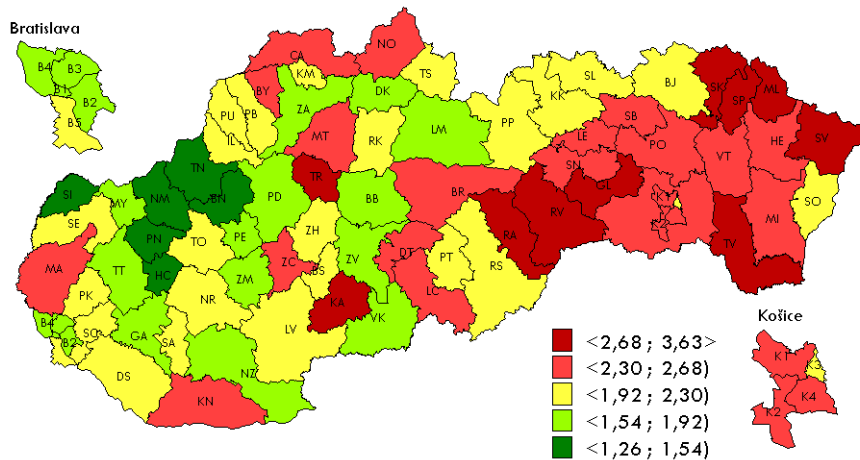


Standardized preventable mortality rates, females

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percentile	value	order	percen- tile
101	B1	Bratislava I	0,34	72	9,0%	0,31	61	23,1%	0,29	52	34,7%
102	B2	Bratislava II	0,32	69	12,9%	0,37	77	2,6%	0,30	57	28,3%
103	B3	Bratislava III	0,25	59	25,7%	0,29	55	30,8%	0,41	77	2,6%
104	B4	Bratislava IV	0,25	53	33,4%	0,27	46	42,4%	0,25	35	56,5%
105	B5	Bratislava V	0,32	67	15,4%	0,29	57	28,3%	0,29	53	33,4%
106	MA	Malacky	0,26	61	23,1%	0,19	16	80,8%	0,24	34	57,7%
107	PK	Pezinok	0,36	76	3,9%	0,27	48	39,8%	0,35	72	9,0%
108	SC	Senec	0,35	75	5,2%	0,38	78	1,3%	0,33	65	18,0%
201	DS	Dunajská Streda	0,24	49	38,5%	0,28	53	33,4%	0,33	70	11,6%
202	GA	Galanta	0,27	62	21,8%	0,26	44	44,9%	0,30	61	23,1%
203	HC	Hlohovec	0,36	77	2,6%	0,30	59	25,7%	0,21	23	71,8%
204	PN	Piešťany	0,18	28	65,4%	0,20	23	71,8%	0,21	25	69,3%
205	SE	Senica	0,25	55	30,8%	0,22	29	64,2%	0,23	29	64,2%
206	SI	Skalica	0,23	45	43,6%	0,16	9	89,8%	0,18	19	77,0%
207	TT	Trnava	0,17	23	71,8%	0,27	47	41,1%	0,25	36	55,2%
301	BN	Bánovce nad Bebravou	0,13	8	91,1%	0,19	17	79,5%	0,16	12	85,9%
302	IL	Ilava	0,16	19	77,0%	0,22	30	62,9%	0,26	41	48,8%
303	MY	Myjava	0,22	43	46,2%	0,18	13	84,7%	0,18	18	78,3%
304	NM	Nové Mesto nad Váhom	0,15	17	79,5%	0,22	28	65,4%	0,20	21	74,4%
305	PE	Partizánske	0,16	18	78,3%	0,16	10	88,5%	0,16	13	84,7%
306	PB	Považská Bystrica	0,17	22	73,1%	0,22	31	61,6%	0,26	40	50,0%
307	PD	Prievidza	0,16	20	75,7%	0,28	49	38,5%	0,23	30	62,9%
308	PU	Púchov	0,14	10	88,5%	0,25	43	46,2%	0,27	42	47,5%
309	TN	Trenčín	0,15	14	83,4%	0,14	5	94,9%	0,13	4	96,2%
401	KN	Komárno	0,28	64	19,3%	0,32	63	20,6%	0,33	66	16,7%
402	LV	Levice	0,36	79	0,0%	0,33	66	16,7%	0,30	59	25,7%
403	NR	Nitra	0,24	52	34,7%	0,29	54	32,1%	0,21	22	73,1%
404	NZ	Nové Zámky	0,30	66	16,7%	0,32	62	21,8%	0,27	47	41,1%
405	SA	Šaľa	0,19	29	64,2%	0,19	20	75,7%	0,19	20	75,7%
406	TO	Topoľčany	0,20	33	59,0%	0,24	39	51,3%	0,17	17	79,5%
407	ZM	Zlaté Moravce	0,21	38	52,6%	0,24	40	50,0%	0,11	2	98,8%
501	BY	Bytča	0,20	31	61,6%	0,19	19	77,0%	0,21	27	66,7%
502	CA	Čadca	0,25	57	28,3%	0,28	52	34,7%	0,42	78	1,3%
503	DK	Dolný Kubín	0,12	3	97,5%	0,31	60	24,4%	0,25	38	52,6%
504	KM	Kysucké Nové Mesto	0,24	50	37,2%	0,18	15	82,1%	0,38	75	5,2%
505	LM	Liptovský Mikuláš	0,13	7	92,4%	0,20	22	73,1%	0,21	24	70,6%
506	MT	Martin	0,20	35	56,5%	0,22	34	57,7%	0,27	45	43,6%
507	NO	Námestovo	0,22	42	47,5%	0,21	25	69,3%	0,33	68	14,2%
508	RK	Ružomberok	0,18	24	70,6%	0,32	64	19,3%	0,29	54	32,1%
509	TR	Turčianske Teplice	0,32	68	14,2%	0,22	33	59,0%	0,13	5	94,9%
510	TS	Ľvrdošín	0,13	9	89,8%	0,18	14	83,4%	0,23	32	60,3%
511	ZA	Žilina	0,21	39	51,3%	0,22	27	66,7%	0,30	58	27,0%
601	BB	Banská Bystrica	0,21	41	48,8%	0,23	36	55,2%	0,29	55	30,8%
602	BS	Banská Štiavnica	0,33	71	10,3%	0,37	76	3,9%	0,27	46	42,4%
603	BR	Brezno	0,24	48	39,8%	0,22	32	60,3%	0,25	37	53,9%
604	DT	Detva	0,20	36	55,2%	0,36	72	9,0%	0,23	31	61,6%
605	KA	Krupina	0,32	70	11,6%	0,33	68	14,2%	0,36	73	7,7%
606	LC	Lučenec	0,26	60	24,4%	0,23	35	56,5%	0,38	74	6,5%
607	PT	Poltár	0,36	78	1,3%	0,15	6	93,6%	0,24	33	59,0%
608	RA	Revúca	0,18	27	66,7%	0,36	74	6,5%	0,28	49	38,5%
609	RS	Rimavská Sobota	0,25	54	32,1%	0,33	67	15,4%	0,39	76	3,9%
610	VK	Veľký Krtíš	0,35	73	7,7%	0,36	75	5,2%	0,30	60	24,4%
611	ZV	Zvolen	0,18	25	69,3%	0,24	41	48,8%	0,28	48	39,8%
612	ZC	Žarnovica	0,18	26	68,0%	0,28	51	35,9%	0,31	63	20,6%
613	ZH	Žiar nad Hronom	0,25	58	27,0%	0,34	69	12,9%	0,21	28	65,4%
701	BJ	Bardejov	0,13	5	94,9%	0,10	2	98,8%	0,17	16	80,8%
702	HE	Humenné	0,13	4	96,2%	0,23	37	53,9%	0,12	3	97,5%
703	KK	Kežmarok	0,23	44	44,9%	0,21	26	68,0%	0,33	67	15,4%
704	LE	Levoča	0,14	11	87,2%	0,36	73	7,7%	0,15	10	88,5%
705	ML	Medzilaborce	0,25	56	29,5%	0,24	42	47,5%	0,04	1	100,0%
706	PP	Poprad	0,20	34	57,7%	0,35	71	10,3%	0,34	71	10,3%
707	PO	Prešov	0,17	21	74,4%	0,14	3	97,5%	0,16	14	83,4%
708	SB	Sabinov	0,15	16	80,8%	0,14	4	96,2%	0,16	11	87,2%
709	SV	Snina	0,20	32	60,3%	0,21	24	70,6%	0,15	9	89,8%
710	SL	Stará Ľubovňa	0,14	12	85,9%	0,17	12	85,9%	0,13	7	92,4%
711	SP	Stropkov	0,05	1	100,0%	0,15	8	91,1%	0,13	6	93,6%
712	SK	Svidník	0,08	2	98,8%	0,07	1	100,0%	0,14	8	91,1%
713	VT	Vranov nad Topľou	0,14	13	84,7%	0,15	7	92,4%	0,17	15	82,1%
801	GL	Gelnica	0,13	6	93,6%	0,16	11	87,2%	0,42	79	0,0%
802	K1	Košice I	0,21	40	50,0%	0,30	58	27,0%	0,33	69	12,9%
803	K2	Košice II	0,20	37	53,9%	0,32	65	18,0%	0,27	43	46,2%
804	K3	Košice III	0,15	15	82,1%	0,45	79	0,0%	0,30	56	29,5%
805	K4	Košice IV	0,29	65	18,0%	0,29	56	29,5%	0,28	51	35,9%
806	KS	Košice-okolie	0,23	46	42,4%	0,20	21	74,4%	0,32	64	19,3%
807	MI	Michalovce	0,28	63	20,6%	0,23	38	52,6%	0,21	26	68,0%
808	RV	Rožňava	0,24	51	35,9%	0,34	70	11,6%	0,28	50	37,2%
809	SO	Sobrance	0,23	47	41,1%	0,28	50	37,2%	0,27	44	44,9%
810	SN	Spišská Nová Ves	0,19	30	62,9%	0,19	18	78,3%	0,25	39	51,3%
811	TV	Trebišov	0,35	74	6,5%	0,26	45	43,6%	0,31	62	21,8%

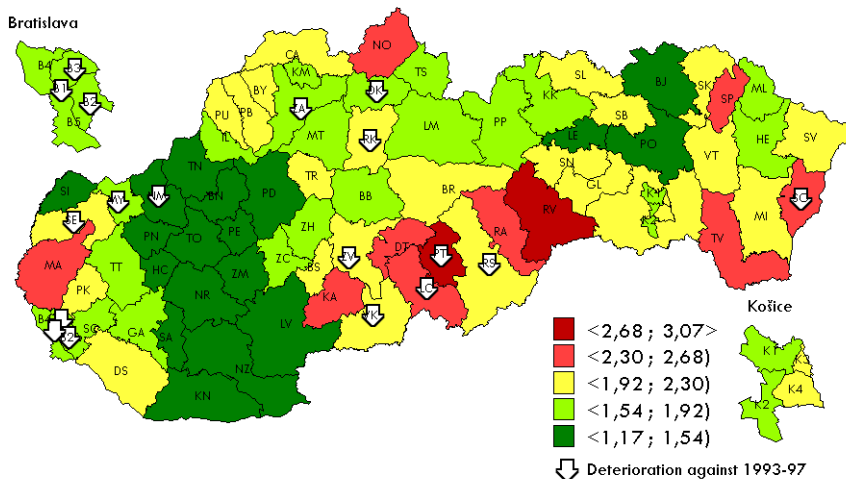
Standardized ischaemic heart disease mortality rates, males

Period 1993-97

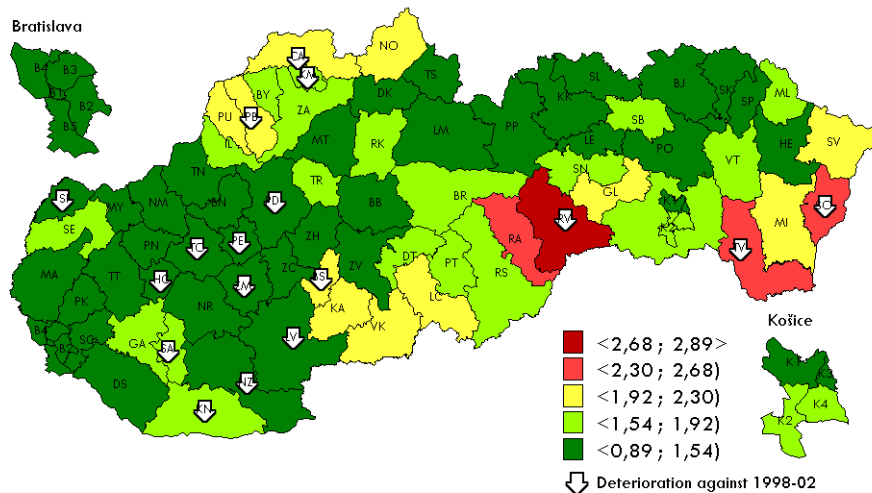


- Male ischaemic heart disease mortality decreases in most districts
- Male ischaemic heart disease mortality increase is through all examined periods detected only in one district, namely in Sobrance.
- The highest male ischaemic heart disease mortality rate was in districts of Rožňava, Revúca, Trebišov and Sobrance.

Period 1998-02



Period 2003-07

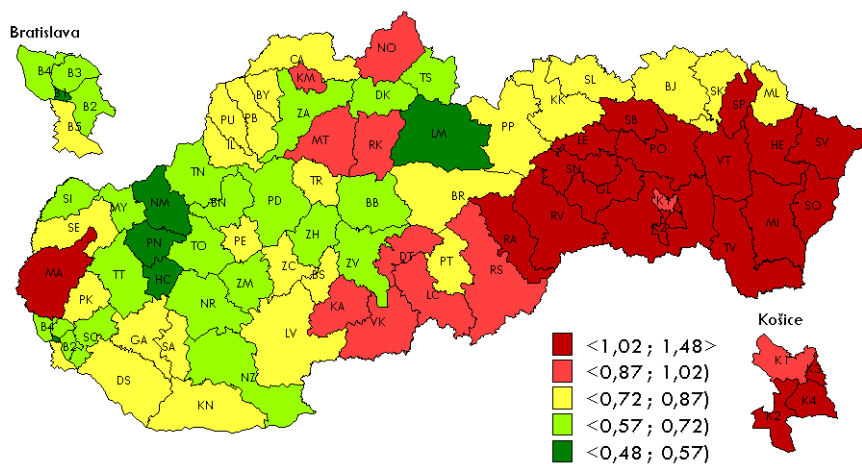


Standardized ischaemic heart disease mortality rates, males

			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percentile	value	order	percen- tile
101	B1	Bratislava I	1,69	11	87,2%	2,05	52	34,7%	0,89	1	100,0%
102	B2	Bratislava II	1,76	15	82,1%	1,79	34	57,7%	1,06	5	94,9%
103	B3	Bratislava III	1,57	9	89,8%	1,79	32	60,3%	1,04	4	96,2%
104	B4	Bratislava IV	1,75	14	83,4%	1,60	20	75,7%	0,98	2	98,8%
105	B5	Bratislava V	2,02	30	62,9%	1,77	31	61,6%	1,13	8	91,1%
106	MA	Malacky	2,59	67	15,4%	2,56	75	5,2%	1,44	34	57,7%
107	PK	Pezinok	2,17	37	53,9%	2,15	59	25,7%	1,31	19	77,0%
108	SC	Senec	1,97	25	69,3%	1,89	41	48,8%	1,44	33	59,0%
201	DS	Dunajská Streda	2,21	42	47,5%	2,10	56	29,5%	1,30	17	79,5%
202	GA	Galanta	1,84	20	75,7%	1,81	36	55,2%	1,69	53	33,4%
203	HC	Hlohovec	1,52	6	93,6%	1,47	14	83,4%	1,54	43	46,2%
204	PN	Piešťany	1,45	4	96,2%	1,42	12	85,9%	1,11	7	92,4%
205	SE	Senica	2,09	33	59,0%	2,10	57	28,3%	1,82	58	27,0%
206	SI	Skalica	1,40	3	97,5%	1,37	8	91,1%	1,42	32	60,3%
207	TT	Trnava	1,88	22	73,1%	1,80	35	56,5%	1,10	6	93,6%
301	BN	Bánovce nad Bebravou	1,51	5	94,9%	1,50	16	80,8%	1,34	23	71,8%
302	IL	Ilava	2,01	29	64,2%	1,88	40	50,0%	1,79	56	29,5%
303	MY	Myjava	1,56	7	92,4%	1,56	19	77,0%	1,33	20	75,7%
304	NM	Nové Mesto nad Váhom	1,26	1	100,0%	1,31	6	93,6%	1,19	13	84,7%
305	PE	Partizánske	1,79	18	78,3%	1,48	15	82,1%	1,48	38	52,6%
306	PB	Považská Bystrica	2,01	28	65,4%	1,97	47	41,1%	2,00	69	12,9%
307	PD	Prievidza	1,77	16	80,8%	1,42	10	88,5%	1,50	40	50,0%
308	PU	Púchov	2,18	38	52,6%	2,14	58	27,0%	1,96	67	15,4%
309	TN	Trenčín	1,36	2	98,8%	1,28	4	96,2%	1,26	16	80,8%
401	KN	Komárno	2,32	49	38,5%	1,30	5	94,9%	1,54	44	44,9%
402	LV	Levice	2,21	41	48,8%	1,20	2	98,8%	1,38	28	65,4%
403	NR	Nitra	1,98	26	68,0%	1,34	7	92,4%	1,18	11	87,2%
404	NZ	Nové Zámky	1,75	12	85,9%	1,17	1	100,0%	1,19	12	85,9%
405	SA	Šaľa	2,23	46	42,4%	1,45	13	84,7%	1,67	52	34,7%
406	TO	Topoľčany	1,99	27	66,7%	1,22	3	97,5%	1,36	27	66,7%
407	ZM	Zlaté Moravce	1,81	19	77,0%	1,42	11	87,2%	1,51	41	48,8%
501	BY	Bytča	2,57	64	19,3%	1,93	43	46,2%	1,91	64	19,3%
502	CA	Čadca	2,37	50	37,2%	2,09	54	32,1%	2,11	74	6,5%
503	DK	Dolný Kubín	1,57	8	91,1%	1,79	33	59,0%	1,33	21	74,4%
504	KM	Kysucké Nové Mesto	2,20	40	50,0%	1,77	29	64,2%	1,82	57	28,3%
505	LM	Liptovský Mikuláš	1,75	13	84,7%	1,71	25	69,3%	1,50	39	51,3%
506	MT	Martin	2,38	52	34,7%	1,65	22	73,1%	1,36	25	69,3%
507	NO	Námestovo	2,49	58	27,0%	2,32	69	12,9%	2,05	71	10,3%
508	RK	Ružomberok	2,16	35	56,5%	2,26	67	15,4%	1,90	63	20,6%
509	TR	Turčianske Teplice	2,71	71	10,3%	2,20	64	19,3%	1,89	62	21,8%
510	TS	Ťvrdošín	2,03	31	61,6%	1,61	21	74,4%	1,35	24	70,6%
511	ZA	Žilina	1,60	10	88,5%	1,66	24	70,6%	1,64	49	38,5%
601	BB	Banská Bystrica	1,78	17	79,5%	1,77	30	62,9%	1,31	18	78,3%
602	BS	Banská Štiavnica	2,26	47	41,1%	1,95	46	42,4%	2,10	73	7,7%
603	BR	Brezno	2,58	66	16,7%	2,19	63	20,6%	1,63	48	39,8%
604	DT	Detva	2,50	61	23,1%	2,50	73	7,7%	1,86	59	25,7%
605	KA	Krupina	2,90	73	7,7%	2,66	77	2,6%	2,10	72	9,0%
606	LC	Lučenec	2,44	54	32,1%	2,61	76	3,9%	2,21	75	5,2%
607	PT	Poltár	2,22	45	43,6%	3,07	79	0,0%	1,67	51	35,9%
608	RA	Revúca	2,92	74	6,5%	2,38	70	11,6%	2,30	76	3,9%
609	RS	Rimavská Sobota	2,16	36	55,2%	2,17	61	23,1%	1,88	61	23,1%
610	VK	Veľký Krtíš	1,86	21	74,4%	2,24	65	18,0%	1,98	68	14,2%
611	ZV	Zvolen	1,88	23	71,8%	1,99	49	38,5%	1,45	35	56,5%
612	ZC	Žarnovica	2,43	53	33,4%	1,90	42	47,5%	1,48	37	53,9%
613	ZH	Žiar nad Hronom	1,95	24	70,6%	1,86	38	52,6%	1,41	30	62,9%
701	BJ	Bardejov	2,22	44	44,9%	1,40	9	89,8%	0,99	3	97,5%
702	HE	Humenné	2,53	63	20,6%	1,82	37	53,9%	1,23	15	82,1%
703	KK	Kežmarok	2,22	43	46,2%	1,66	23	71,8%	1,40	29	64,2%
704	LE	Levoča	2,59	68	14,2%	1,53	18	78,3%	1,13	10	88,5%
705	ML	Medzilaborce	2,70	70	11,6%	1,86	39	51,3%	1,71	54	32,1%
706	PP	Poprad	2,19	39	51,3%	1,72	26	68,0%	1,41	31	61,6%
707	PO	Prešov	2,37	51	35,9%	1,51	17	79,5%	1,13	9	89,8%
708	SB	Sabinov	2,47	56	29,5%	2,02	50	37,2%	1,58	47	41,1%
709	SV	Snina	2,97	75	5,2%	2,28	68	14,2%	1,95	66	16,7%
710	SL	Stará Ľubovňa	2,09	32	60,3%	1,94	44	44,9%	1,36	26	68,0%
711	SP	Stropkov	3,29	78	1,3%	2,55	74	6,5%	1,53	42	47,5%
712	SK	Svidník	2,72	72	9,0%	1,95	45	43,6%	1,20	14	83,4%
713	VT	Vranov nad Topľou	2,50	60	24,4%	2,26	66	16,7%	1,55	45	43,6%
801	GL	Gelnica	3,14	77	2,6%	2,09	55	30,8%	1,92	65	18,0%
802	K1	Košice I	2,45	55	30,8%	1,74	28	65,4%	1,46	36	55,2%
803	K2	Košice II	2,47	57	28,3%	1,73	27	66,7%	1,57	46	42,4%
804	K3	Košice III	2,30	48	39,8%	2,06	53	33,4%	1,34	22	73,1%
805	K4	Košice IV	2,60	69	12,9%	1,99	48	39,8%	1,73	55	30,8%
806	KS	Košice-okolie	2,51	62	21,8%	2,03	51	35,9%	1,87	60	24,4%
807	MI	Michalovce	2,58	65	18,0%	2,16	60	24,4%	2,04	70	11,6%
808	RV	Rožňava	3,63	79	0,0%	2,84	78	1,3%	2,89	79	0,0%
809	SO	Sobrance	2,15	34	57,7%	2,46	72	9,0%	2,47	78	1,3%
810	SN	Spišská Nová Ves	2,50	59	25,7%	2,19	62	21,8%	1,66	50	37,2%
811	TV	Trebišov	3,01	76	3,9%	2,43	71	10,3%	2,47	77	2,6%

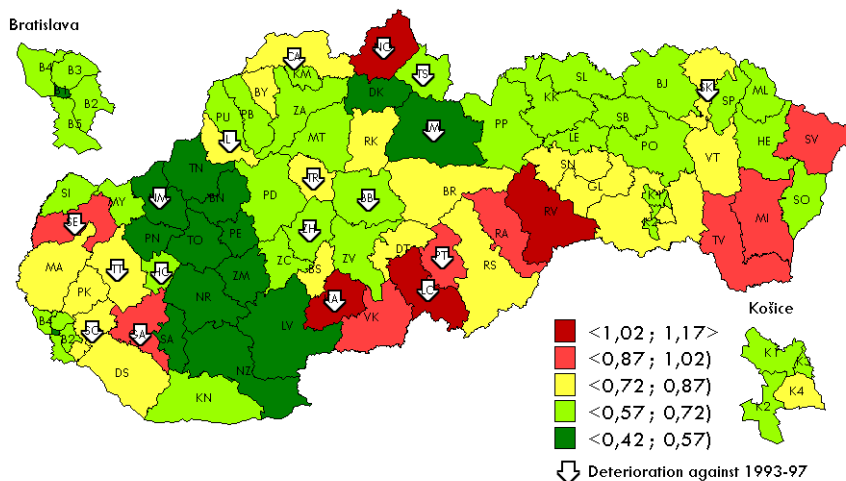
Standardized ischaemic heart disease mortality rates, females

Period 1993-97

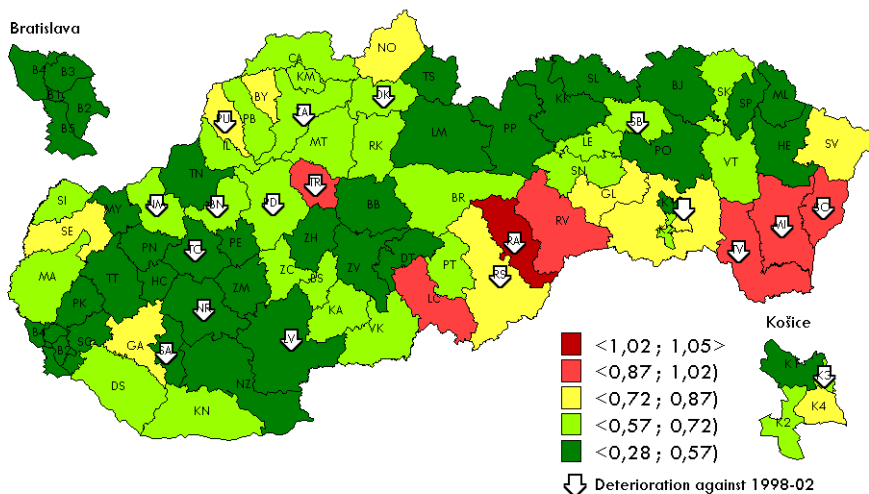


- Female ischaemic heart disease mortality declines in most districts.
- Female ischaemic heart disease mortality increase was through all examined periods detected only in two districts, namely in Nové Mesto nad Váhom and Turčianske Teplice.
- The highest female ischaemic heart disease mortality was in districts Rožňava, Revúca, Trebišov, Michalovce, Sobrance, Lučenec and Turčianske Teplice.

Period 1998-02



Period 2003-07

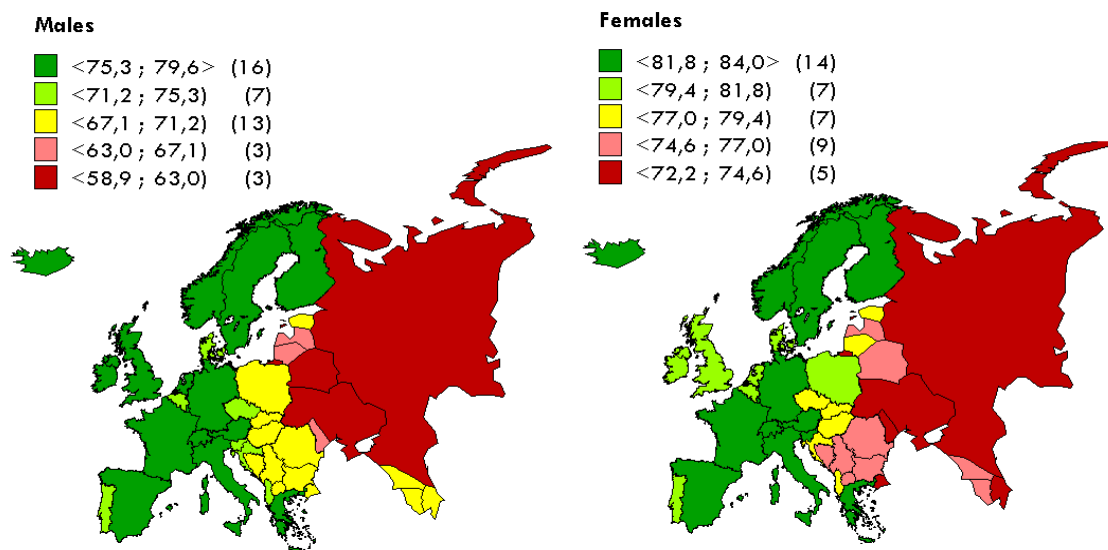


Standardized ischaemic heart disease mortality rates, females

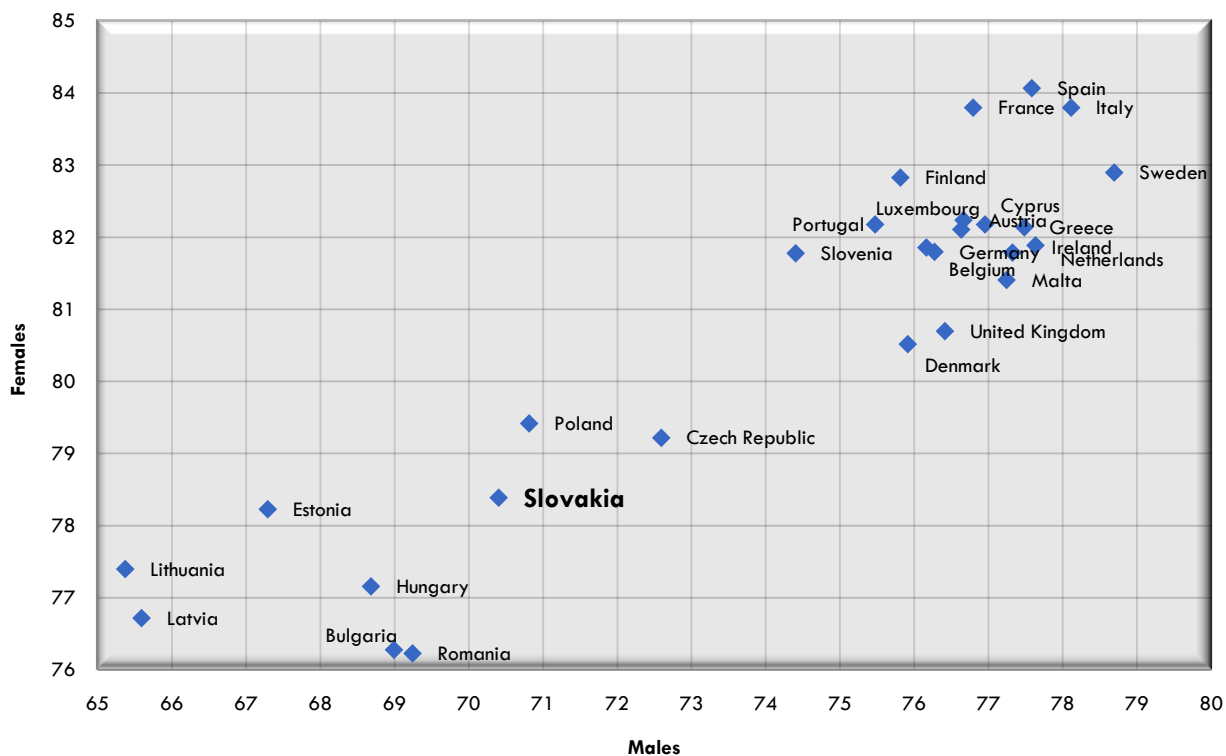
			1993-1997			1998-2002			2003-2007		
			value	order	percen- tile	value	order	percentile	value	order	percen- tile
101	B1	Bratislava I	0,50	2	98,8%	0,49	7	92,4%	0,28	1	100,0%
102	B2	Bratislava II	0,70	19	77,0%	0,63	25	69,3%	0,41	5	94,9%
103	B3	Bratislava III	0,69	18	78,3%	0,63	26	68,0%	0,36	3	97,5%
104	B4	Bratislava IV	0,71	24	70,6%	0,57	15	82,1%	0,34	2	98,8%
105	B5	Bratislava V	0,78	32	60,3%	0,62	23	71,8%	0,52	22	73,1%
106	MA	Malacky	1,25	73	7,7%	0,83	63	20,6%	0,70	60	24,4%
107	PK	Pezinok	0,78	33	59,0%	0,74	49	38,5%	0,47	13	84,7%
108	SC	Senec	0,70	21	74,4%	0,81	61	23,1%	0,53	28	65,4%
201	DS	Dunajská Streda	0,86	49	38,5%	0,83	62	21,8%	0,59	41	48,8%
202	GA	Galanta	0,82	37	53,9%	0,90	71	10,3%	0,80	69	12,9%
203	HC	Hlohovec	0,52	4	96,2%	0,64	29	64,2%	0,53	25	69,3%
204	PN	Piešťany	0,55	5	94,9%	0,54	12	85,9%	0,39	4	96,2%
205	SE	Senica	0,85	47	41,1%	0,99	75	5,2%	0,75	66	16,7%
206	SI	Skalica	0,68	15	82,1%	0,64	27	66,7%	0,58	37	53,9%
207	TT	Trnava	0,70	22	73,1%	0,75	53	33,4%	0,47	15	82,1%
301	BN	Bánovce nad Bebravou	0,61	8	91,1%	0,43	1	100,0%	0,58	40	50,0%
302	IL	Iľava	0,81	36	55,2%	0,85	66	16,7%	0,68	56	29,5%
303	MY	Myjava	0,69	16	80,8%	0,61	19	77,0%	0,52	24	70,6%
304	NM	Nové Mesto nad Váhom	0,51	3	97,5%	0,56	13	84,7%	0,59	42	47,5%
305	PE	Partizánske	0,76	30	62,9%	0,54	11	87,2%	0,51	21	74,4%
306	PB	Považská Bystrica	0,76	29	64,2%	0,70	43	46,2%	0,61	48	39,8%
307	PD	Prievidza	0,62	10	88,5%	0,60	18	78,3%	0,63	51	35,9%
308	PU	Púchov	0,73	26	68,0%	0,71	45	43,6%	0,86	72	9,0%
309	TN	Trenčín	0,61	9	89,8%	0,46	4	96,2%	0,46	11	87,2%
401	KN	Komárno	0,85	48	39,8%	0,63	24	70,6%	0,58	39	51,3%
402	LV	Levice	0,84	42	47,5%	0,48	6	93,6%	0,52	23	71,8%
403	NR	Nitra	0,72	25	69,3%	0,43	2	98,8%	0,44	7	92,4%
404	NZ	Nové Zámky	0,64	11	87,2%	0,52	9	89,8%	0,49	18	78,3%
405	SA	Šaľa	0,86	50	37,2%	0,47	5	94,9%	0,57	34	57,7%
406	TO	Topoľčany	0,69	17	79,5%	0,45	3	97,5%	0,51	20	75,7%
407	ZM	Zlaté Moravce	0,70	20	75,7%	0,50	8	91,1%	0,43	6	93,6%
501	BY	Bytča	0,82	40	50,0%	0,75	52	34,7%	0,74	65	18,0%
502	CA	Čadca	0,74	27	66,7%	0,77	55	30,8%	0,67	55	30,8%
503	DK	Dolný Kubín	0,66	13	84,7%	0,54	10	88,5%	0,61	44	44,9%
504	KM	Kysucké Nové Mesto	0,88	51	35,9%	0,69	39	51,3%	0,65	52	34,7%
505	LM	Liptovský Mikuláš	0,48	1	100,0%	0,56	14	83,4%	0,46	12	85,9%
506	MT	Martin	0,94	57	28,3%	0,64	28	65,4%	0,58	38	52,6%
507	NO	Námestovo	0,91	55	30,8%	1,14	77	2,6%	0,79	68	14,2%
508	RK	Ružomberok	1,00	60	24,4%	0,79	58	27,0%	0,69	59	25,7%
509	TR	Turčianske Teplice	0,84	43	46,2%	0,84	65	18,0%	0,93	77	2,6%
510	TS	Trvrdošín	0,57	6	93,6%	0,61	20	75,7%	0,45	8	91,1%
511	ZA	Žilina	0,60	7	92,4%	0,58	16	80,8%	0,61	45	43,6%
601	BB	Banská Bystrica	0,71	23	71,8%	0,72	47	41,1%	0,46	10	88,5%
602	BS	Banská Štiavnica	0,82	39	51,3%	0,80	59	25,7%	0,69	58	27,0%
603	BR	Brezno	0,85	45	43,6%	0,74	48	39,8%	0,63	49	38,5%
604	DT	Detva	0,93	56	29,5%	0,81	60	24,4%	0,53	26	68,0%
605	KA	Krupina	0,89	52	34,7%	1,10	76	3,9%	0,72	61	23,1%
606	LC	Lučenec	0,90	53	33,4%	1,17	79	0,0%	0,95	78	1,3%
607	PT	Poltár	0,83	41	48,8%	0,98	74	6,5%	0,69	57	28,3%
608	RA	Revúca	1,12	66	16,7%	0,89	68	14,2%	1,05	79	0,0%
609	RS	Rimavská Sobota	0,95	58	27,0%	0,75	50	37,2%	0,82	71	10,3%
610	VK	Veľký Krtíš	0,96	59	25,7%	0,96	73	7,7%	0,63	50	37,2%
611	ZV	Zvolen	0,66	14	83,4%	0,59	17	79,5%	0,56	33	59,0%
612	ZC	Žarnovica	0,80	35	56,5%	0,65	34	57,7%	0,61	47	41,1%
613	ZH	Žiar nad Hronom	0,65	12	85,9%	0,65	33	59,0%	0,56	32	60,3%
701	BJ	Bardejov	0,75	28	65,4%	0,70	42	47,5%	0,47	14	83,4%
702	HE	Humenné	1,07	64	19,3%	0,64	30	62,9%	0,48	16	80,8%
703	KK	Kežmarok	0,76	31	61,6%	0,70	41	48,8%	0,53	29	64,2%
704	LE	Levoča	1,32	77	2,6%	0,65	35	56,5%	0,58	36	55,2%
705	ML	Medzilaborce	0,85	46	42,4%	0,67	37	53,9%	0,53	27	66,7%
706	PP	Poprad	0,82	38	52,6%	0,70	44	44,9%	0,55	31	61,6%
707	PO	Prešov	1,02	62	21,8%	0,61	22	73,1%	0,50	19	77,0%
708	SB	Sabinov	1,27	76	3,9%	0,61	21	74,4%	0,65	53	33,4%
709	SV	Snina	1,34	78	1,3%	0,95	72	9,0%	0,81	70	11,6%
710	SL	Stará Ľubovňa	0,80	34	57,7%	0,66	36	55,2%	0,54	30	62,9%
711	SP	Stropkov	1,12	67	15,4%	0,69	40	50,0%	0,45	9	89,8%
712	SK	Svidník	0,84	44	44,9%	0,86	67	15,4%	0,57	35	56,5%
713	VT	Vranov nad Topľou	1,15	71	10,3%	0,75	51	35,9%	0,66	54	32,1%
801	GL	Gelnica	1,09	65	18,0%	0,78	57	28,3%	0,72	63	20,6%
802	K1	Košice I	0,90	54	32,1%	0,64	31	61,6%	0,48	17	79,5%
803	K2	Košice II	1,13	69	12,9%	0,67	38	52,6%	0,61	46	42,4%
804	K3	Košice III	1,26	75	5,2%	0,65	32	60,3%	0,72	62	21,8%
805	K4	Košice IV	1,14	70	11,6%	0,77	56	29,5%	0,73	64	19,3%
806	KS	Košice-okolie	1,12	68	14,2%	0,83	64	19,3%	0,76	67	15,4%
807	MI	Michalovce	1,02	61	23,1%	0,89	69	12,9%	0,93	76	3,9%
808	RV	Rožňava	1,48	79	0,0%	1,16	78	1,3%	0,89	73	7,7%
809	SO	Sobrance	1,03	63	20,6%	0,71	46	42,4%	0,89	74	6,5%
810	SN	Spišská Nová Ves	1,19	72	9,0%	0,76	54	32,1%	0,59	43	46,2%
811	TV	Trebišov	1,26	74	6,5%	0,89	70	11,6%	0,92	75	5,2%

SLOVAKIA IN EUROPE FROM THE VANTAGE POINT OF MORTALITY

Life expectancy at birth, Europe



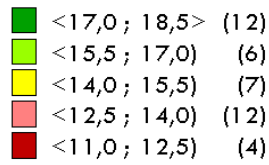
Life expectancy at birth, European Union



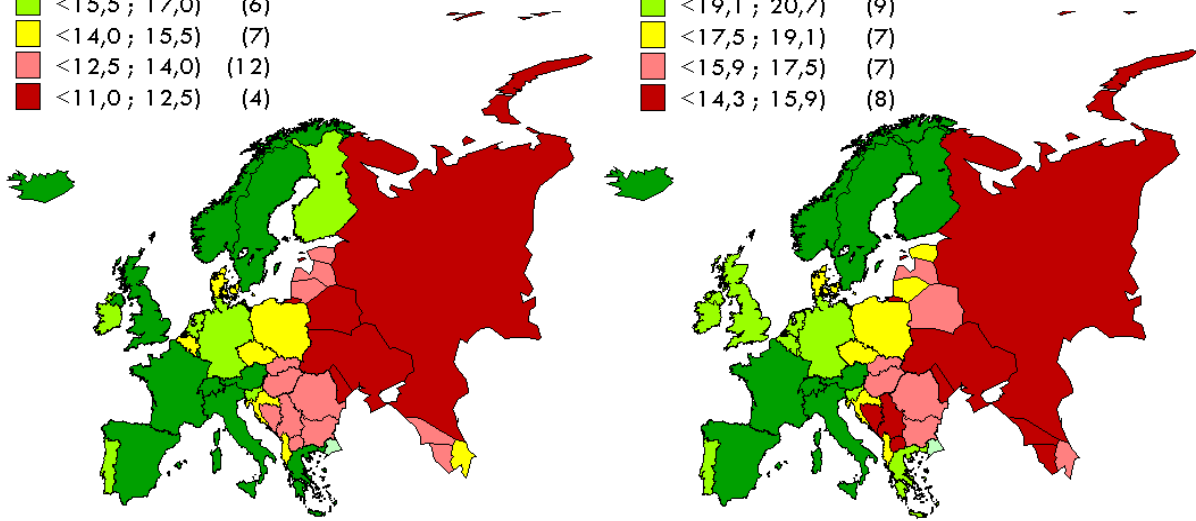
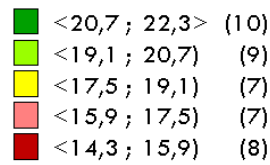
- Slovakia belongs to states of Europe with average life expectancy at birth for both sexes.
- Slovakia with other post-communist states with the exception of Slovenia, belongs to states of the European Union (EU 27) with low life expectancy at birth for both sexes.
- Slovakia lags after old member states of the European Union (EU 15) by 6 years for males and 4 years for females in average.

Life expectancy at age 65, Europe

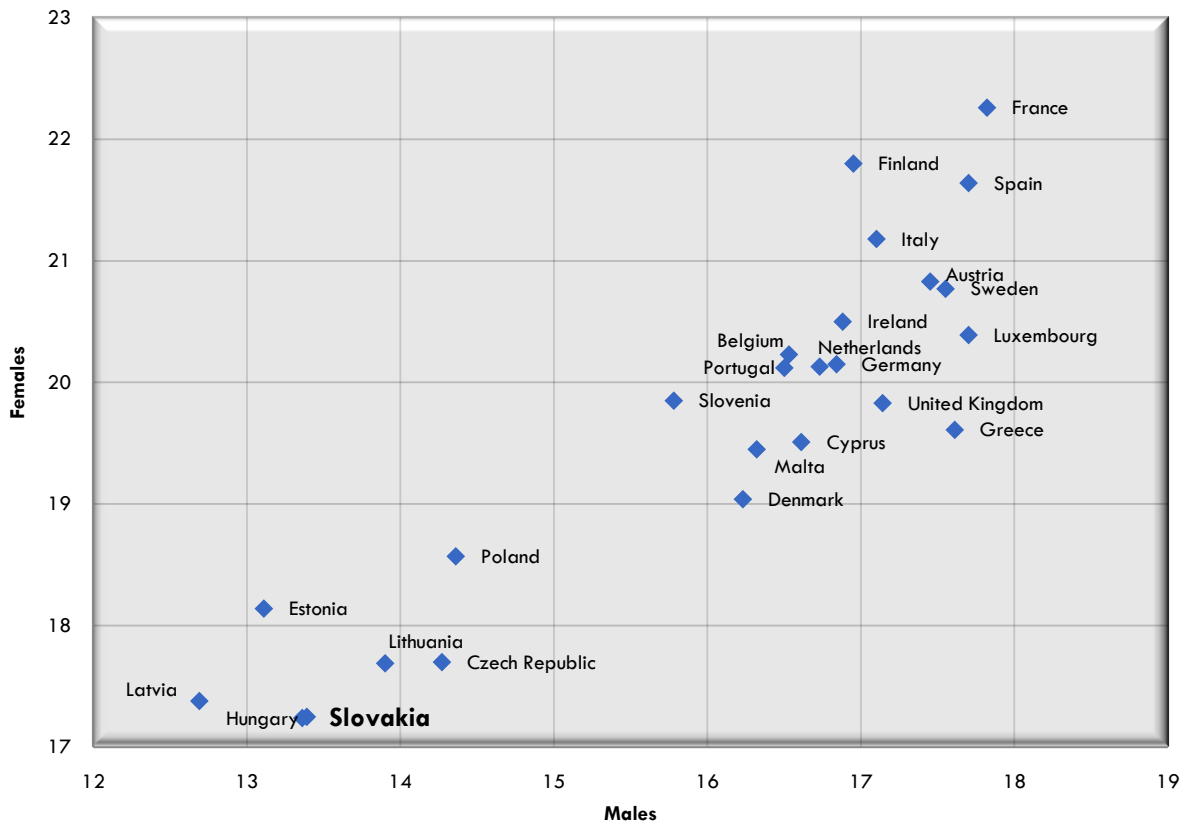
Males



Females



Life expectancy at age 65, European Union



- Slovakia with its life expectancy at age 65 belongs to European states with high mortality at older age. It is valid also for the EU 27 framework.
- In the EU 27 Slovak and Hungarian females mortality rates at the age 65 are the highest. For Slovak males at the age of 65, mortality rates in EU 27 are higher only in Estonia, Latvia and Hungary.

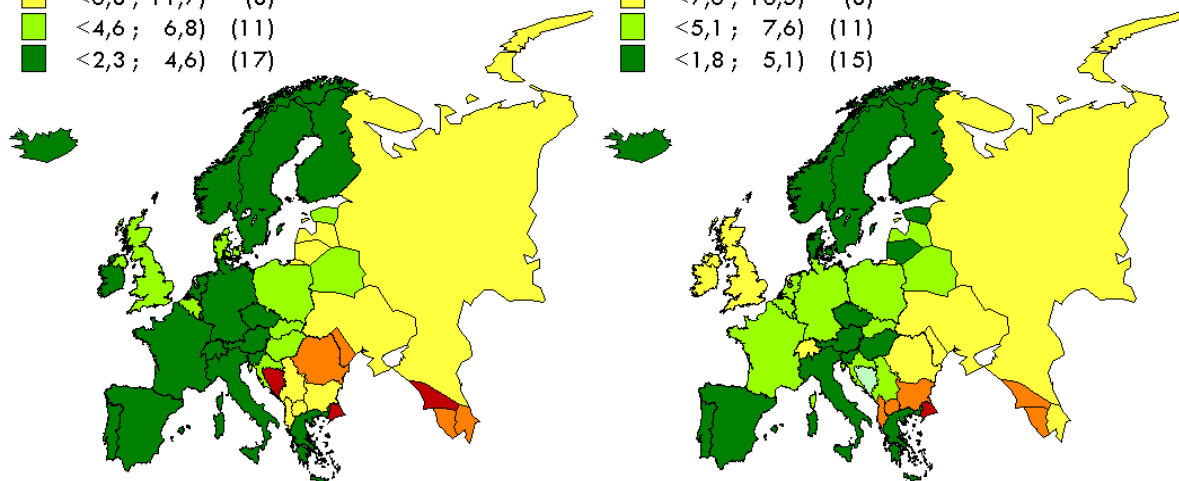
Infant and perinatal mortality, Europe

Infant mortality rate

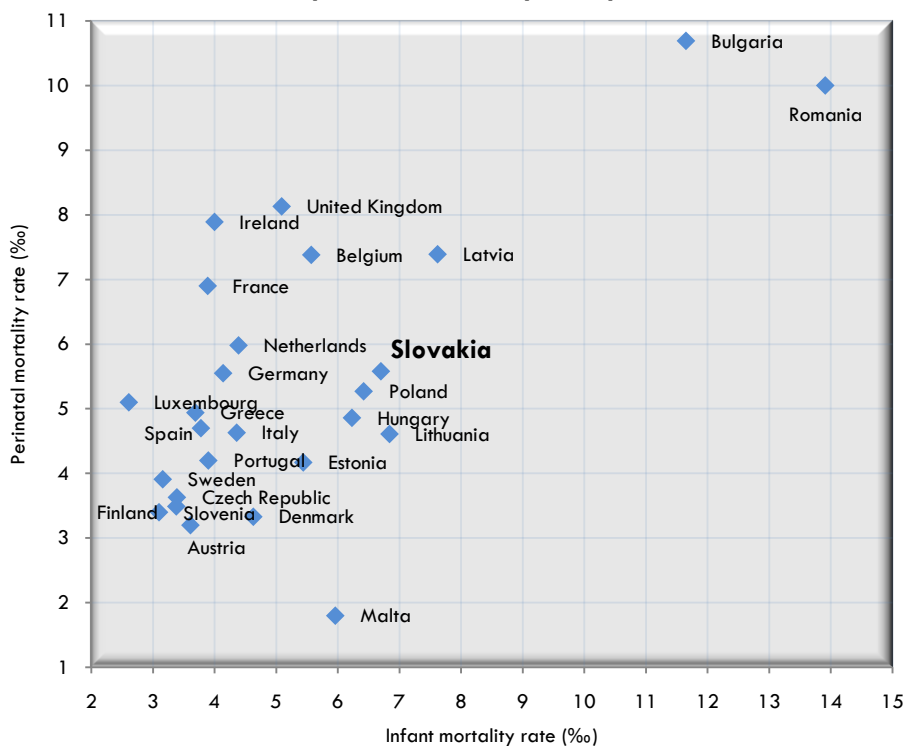
Red	<15,0 ; 28,0>	(3)
Orange	<11,7 ; 15,0)	(4)
Yellow	<6,8 ; 11,7)	(8)
Light Green	<4,6 ; 6,8)	(11)
Dark Green	<2,3 ; 4,6)	(17)

Perinatal mortality rate

Red	<19,6 ; 22,8>	(1)
Orange	<10,5 ; 19,6)	(6)
Yellow	<7,6 ; 10,5)	(8)
Light Green	<5,1 ; 7,6)	(11)
Dark Green	<1,8 ; 5,1)	(15)

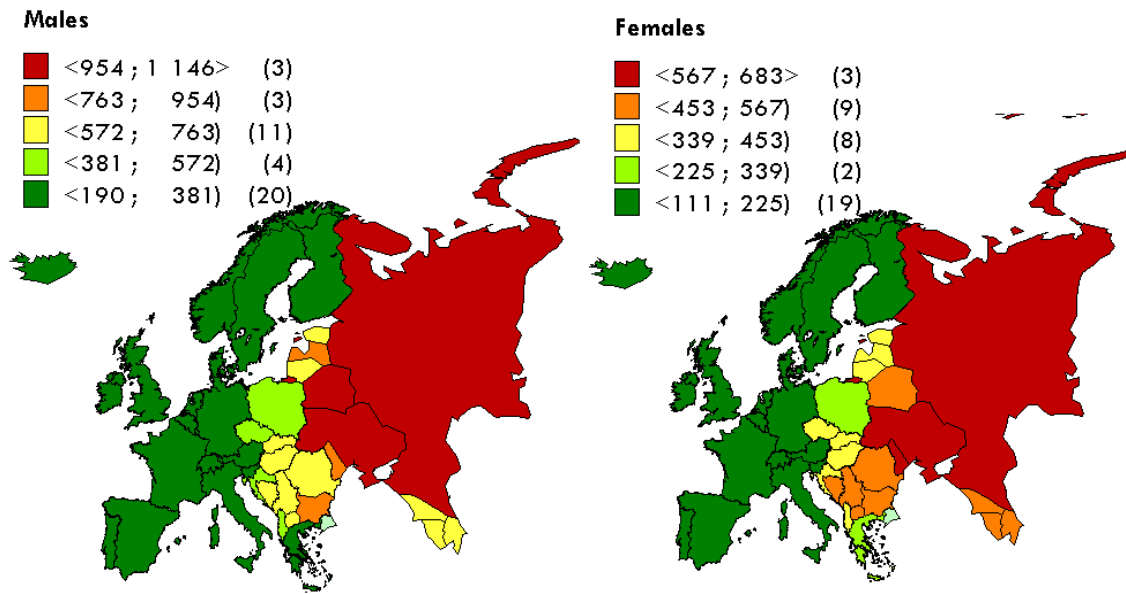


Infant and perinatal mortality, European Union

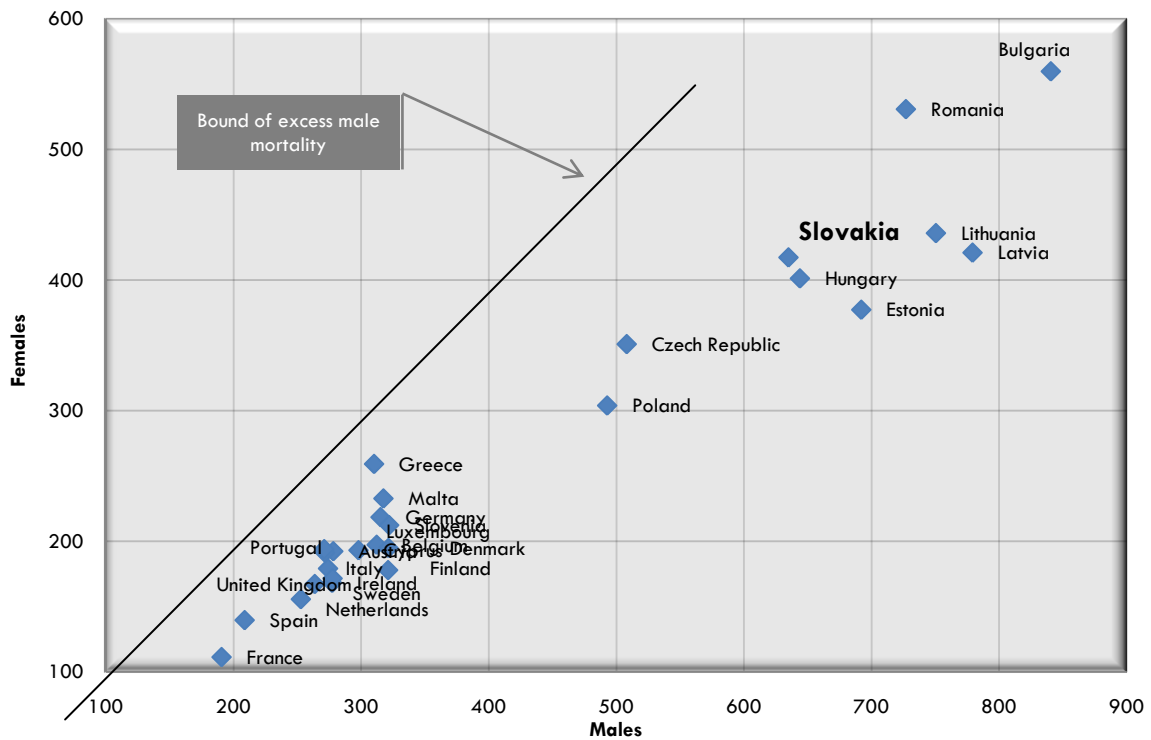


- Slovakia belongs to European states with low infant and perinatal mortality.
- In EU 27 Slovakia with its infant mortality lagged after EU 15, Czech Republic and Slovenia by 2-3 ‰.
- Slovakia with its perinatal mortality belongs to states EU 15.

Standardized circulatory system mortality rates³, Europe



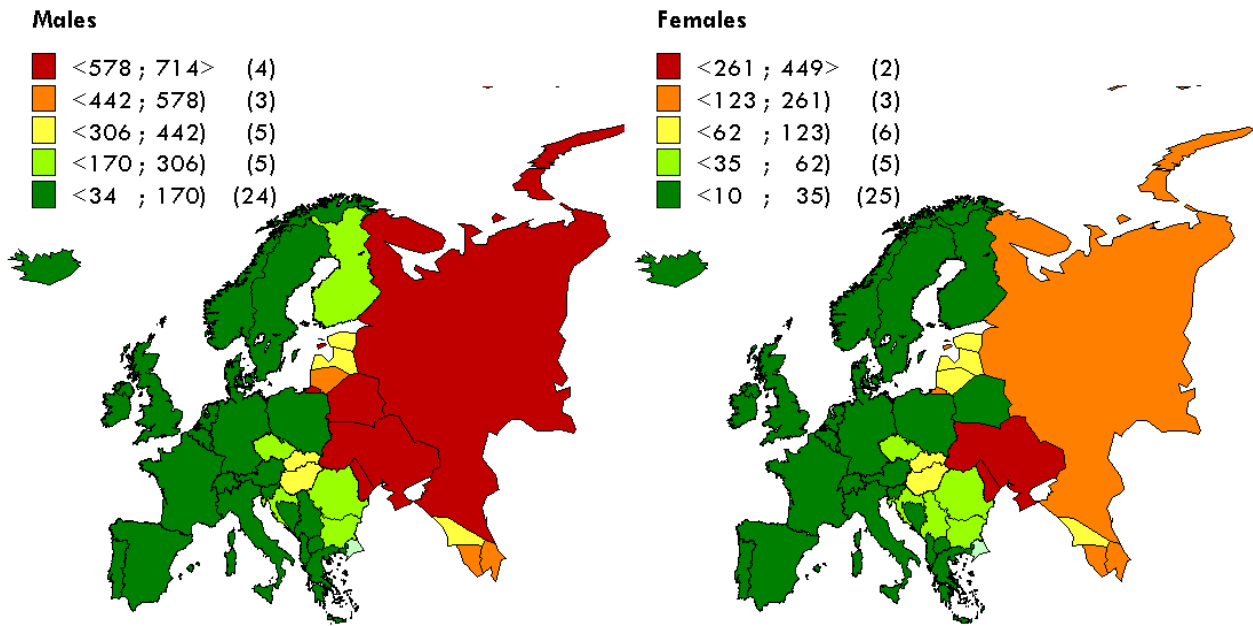
Standardized circulatory system mortality rates, European Union



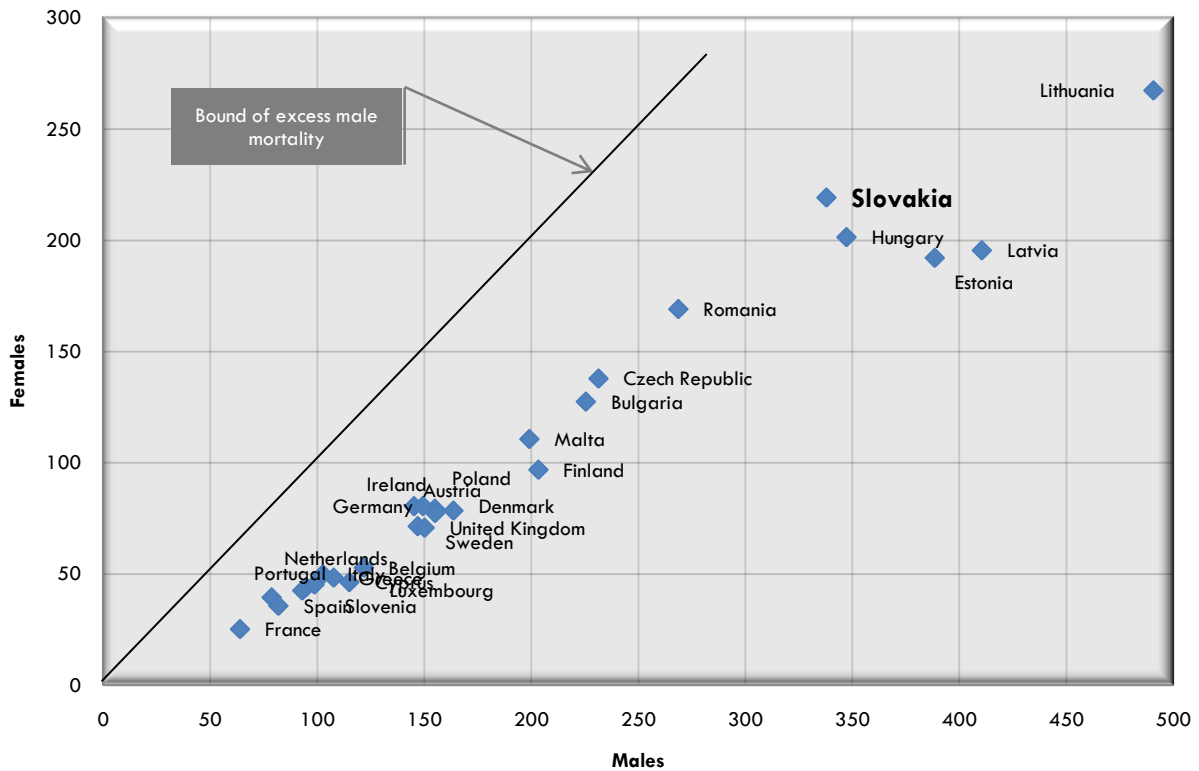
- Slovakia belongs to European states with average circulatory system disease mortality.
- Slovakia belongs to EU 27 states with high circulatory system disease mortality.
- Excess male circulatory system disease mortality is in all EU 27.

³ European standard population (WHO), per 100000 persons.

Standardized ischaemic heart disease mortality rates, Europe

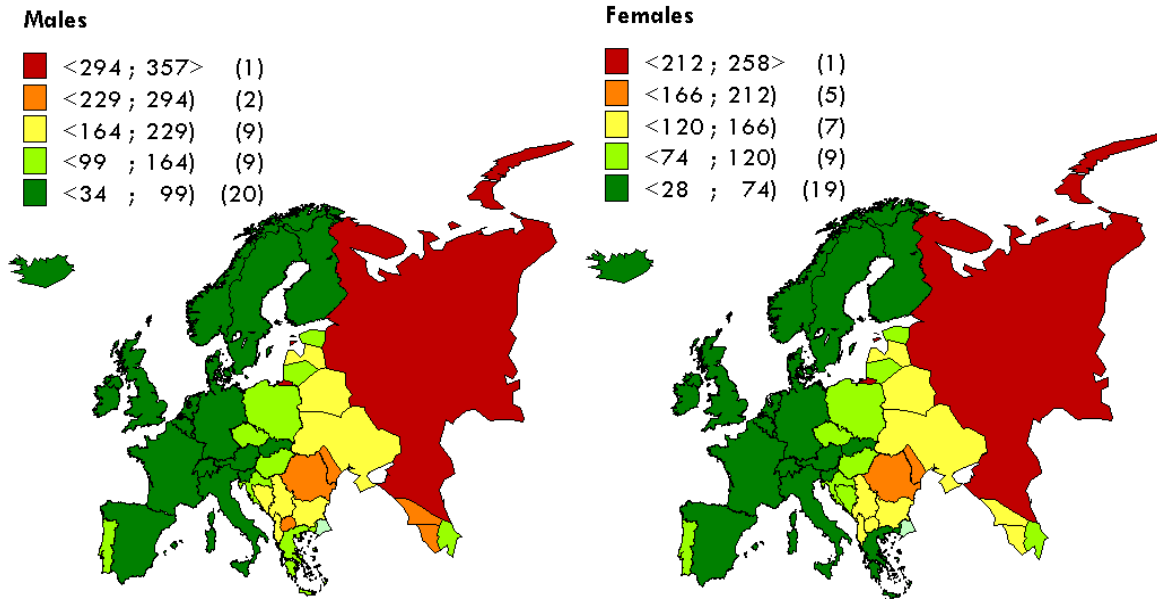


Standardized ischaemic heart disease mortality rates, European Union

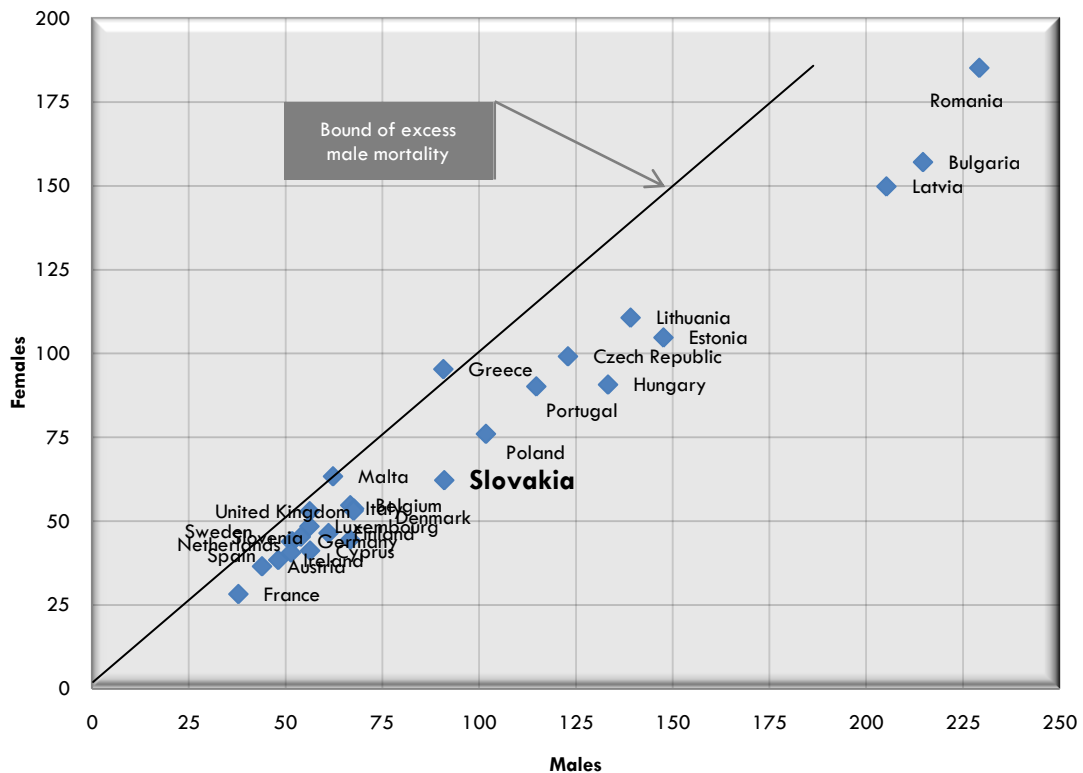


- Ischaemic heart disease belongs to circulatory system diseases.
- Slovakia has higher ischaemic hearts disease mortality then Romania and Bulgaria, countries with a significantly worse position in the circulatory system disease mortality then Slovakia..

Standardized cerebrovascular system mortality rates, Europe

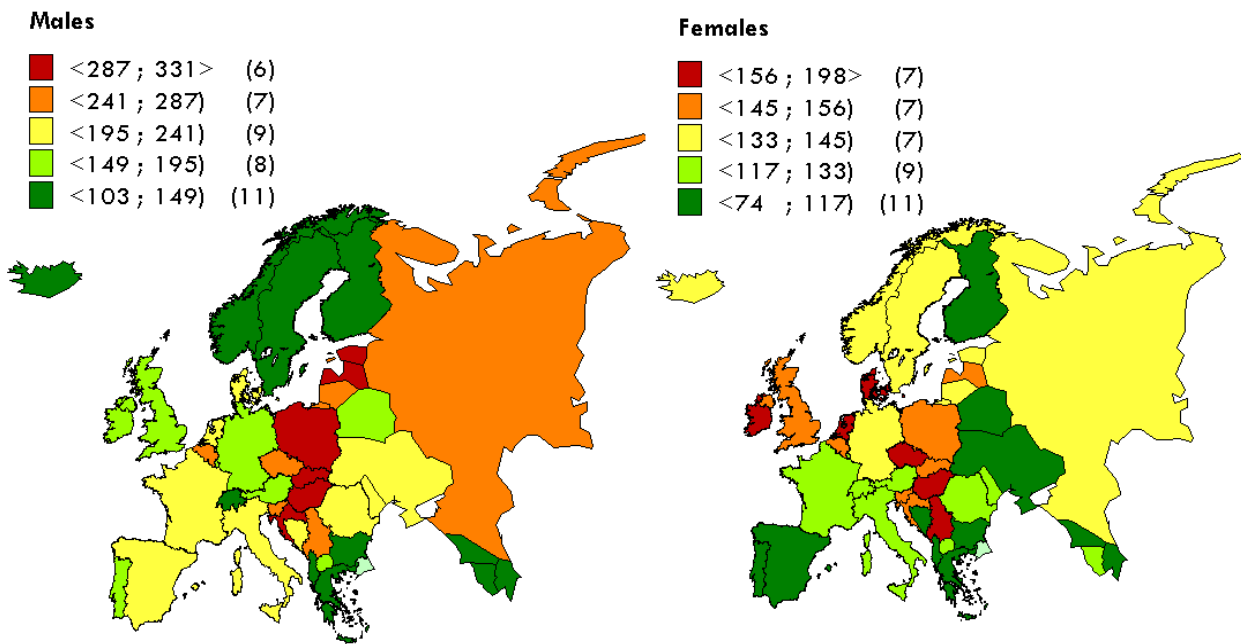


Standardized cerebrovascular system mortality rates, European Union

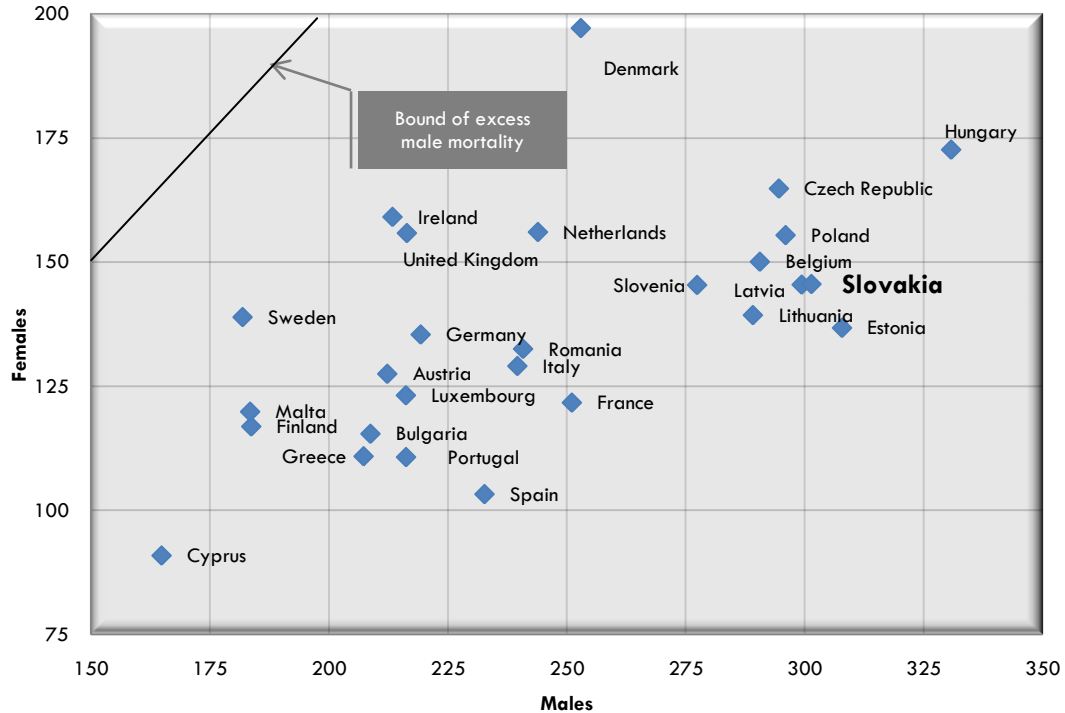


- Cerebrovascular system disease belongs to circulatory system diseases.
- Slovakia belongs to European states with low cerebrovascular system disease mortality.
- Slovakia with Slovenia has the lowest cerebrovascular system disease mortality between the post-communist states of Europe.
- Low excess male cerebrovascular system disease mortality between EU 15 states. Actually in Greece and Malta we see excess female mortality.

Standardized neoplasms mortality rates, Europe

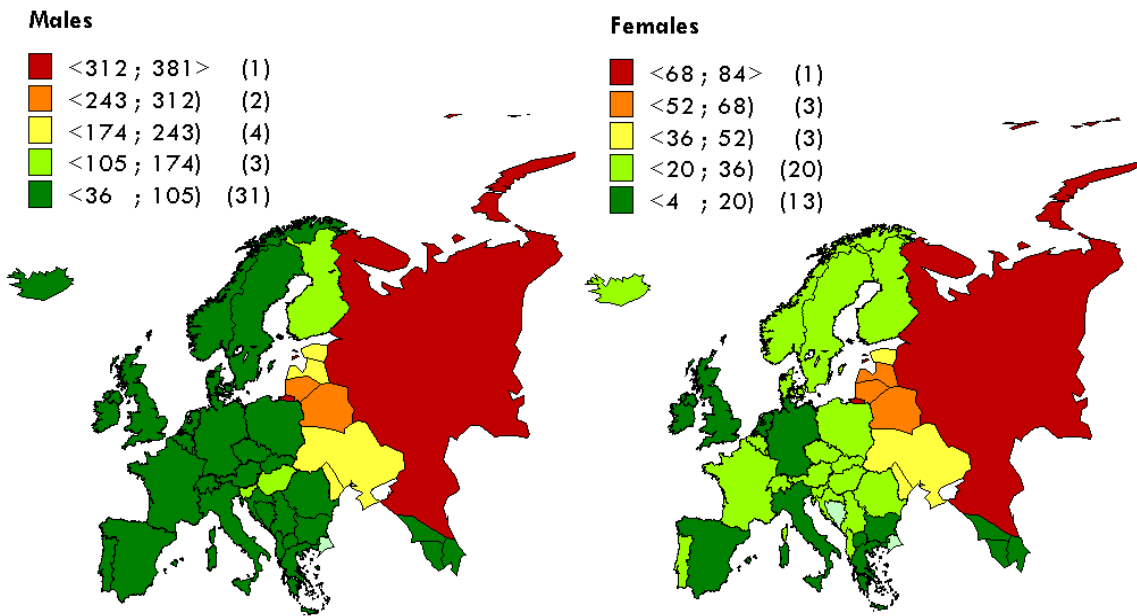


Standardized neoplasms mortality rates, European Union

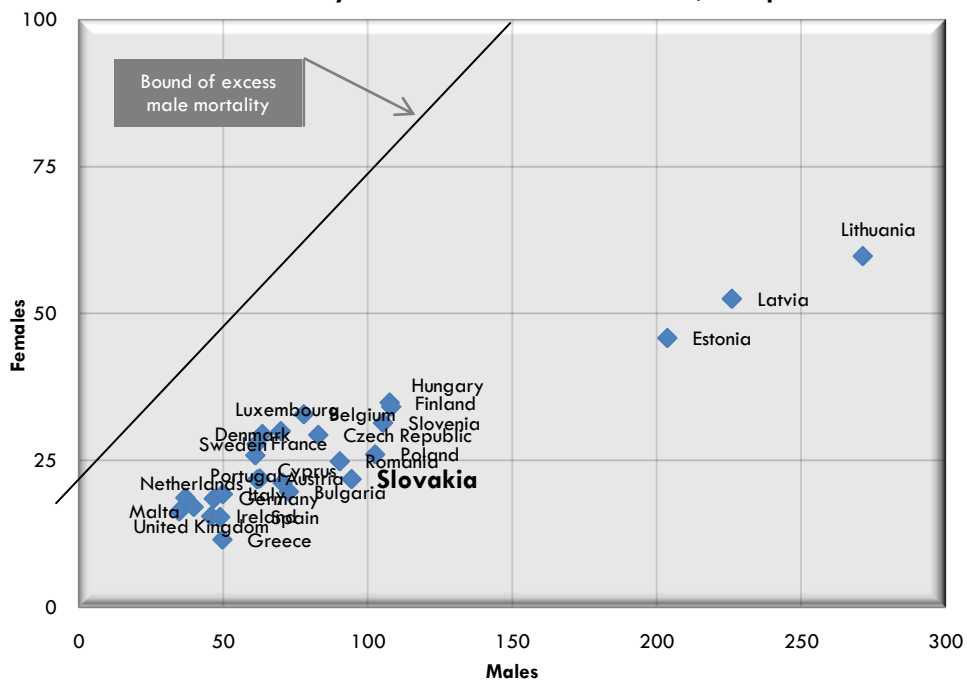


- Slovakia belongs to European states with high neoplasms mortality.
- Within EÚ 27 Slovakia belongs to states with average female neoplasms mortality, on the other side males neoplasms mortality is one of the worst.
- The best positions between the post-communist states are occupied by Romania and Bulgaria.

Standardized mortality rates due to external causes, Europe

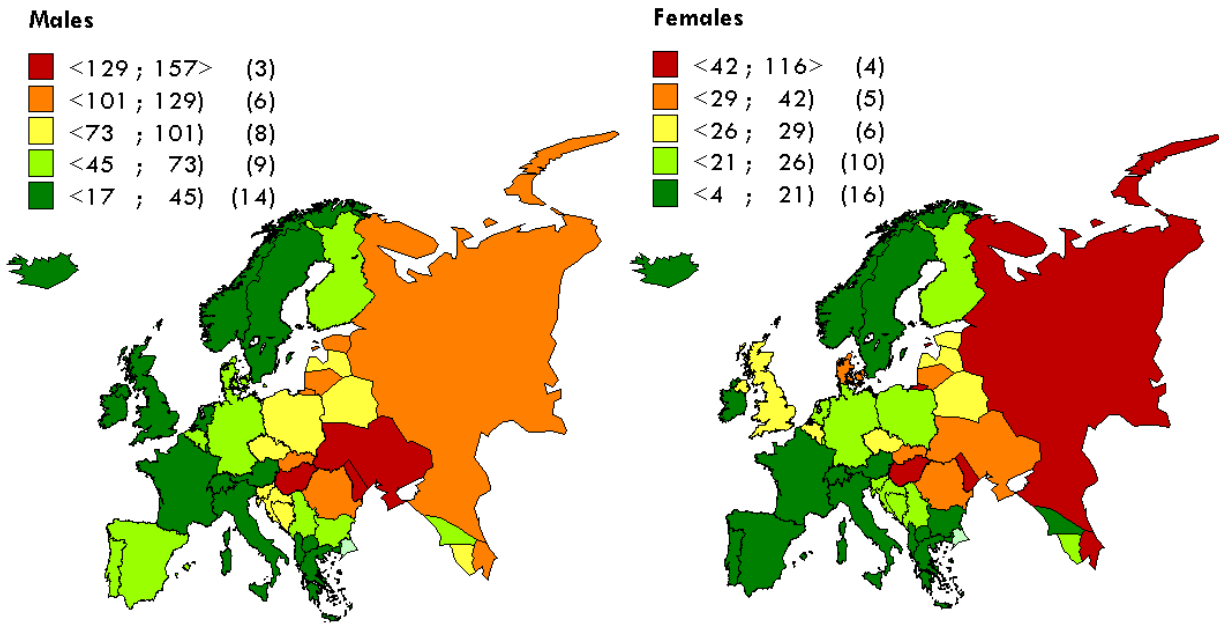


Standardized mortality rates due to external causes, European Union

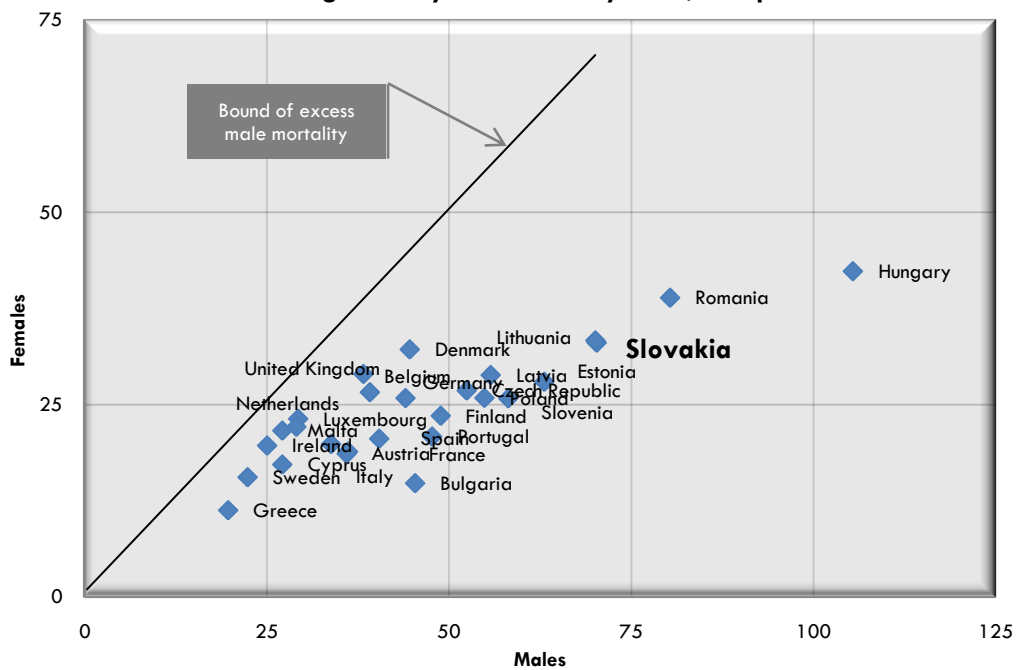


- Mortality resulting from external causes in Slovakia is comparable with EU 15.
- There is a profound difference in mortality resulting from external causes between EU countries and the Baltic states of Estonia, Latvia and Lithuania.

Standardized digestive system mortality rates, Europe

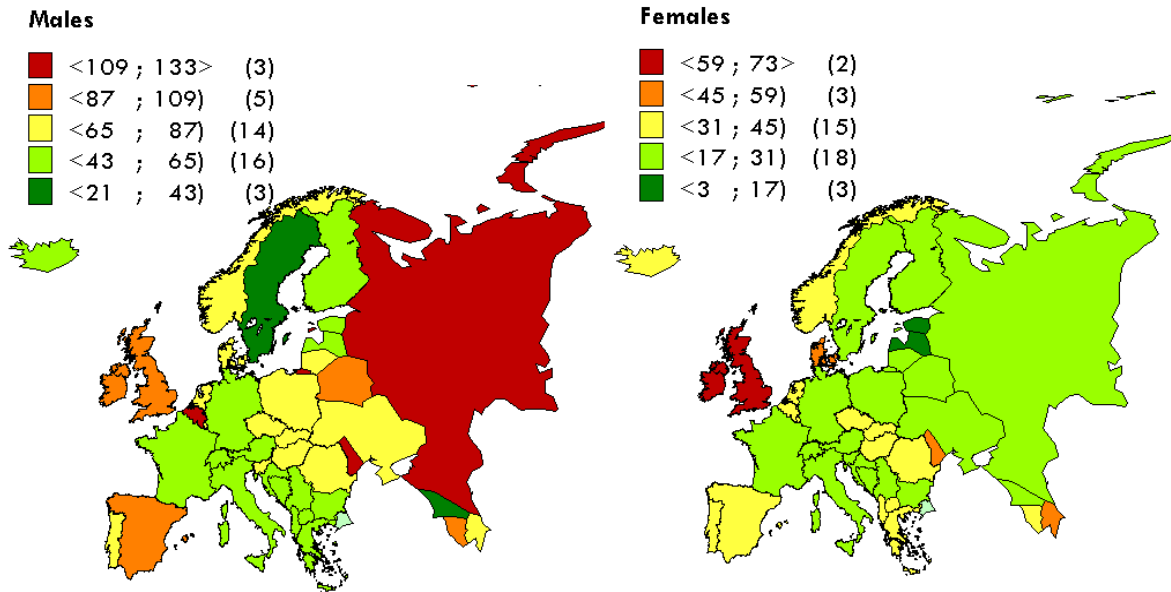


Standardized digestive system mortality rates, European Union

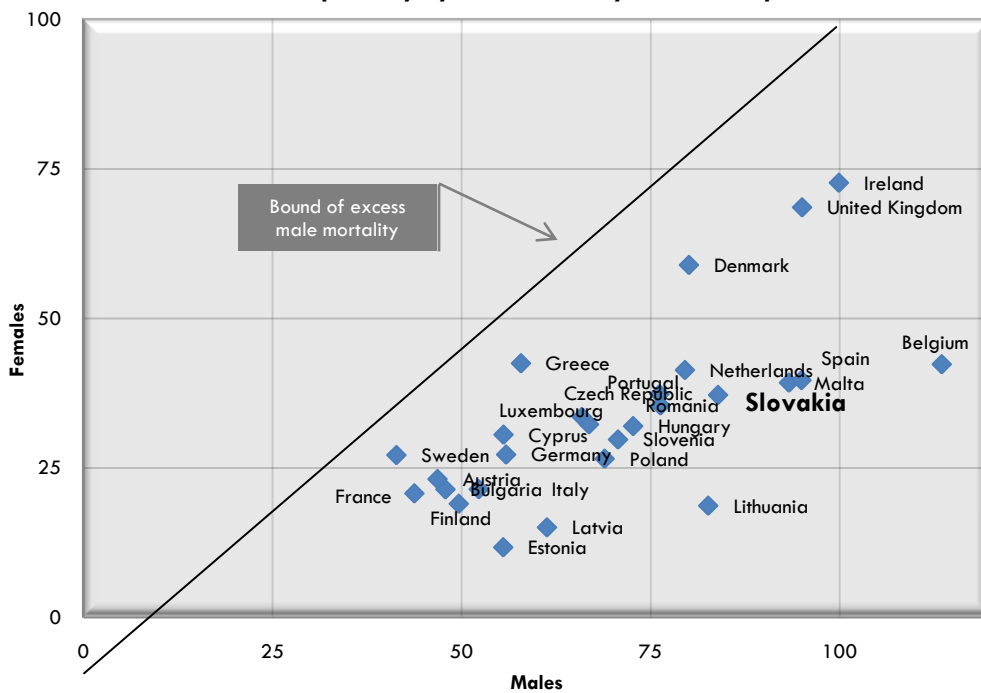


- Slovakia with Hungary and Romania belongs to European states with high digestive system mortality.
- The situation is comparable also between the EU 27.

Standardized respiratory system mortality rates, Europe

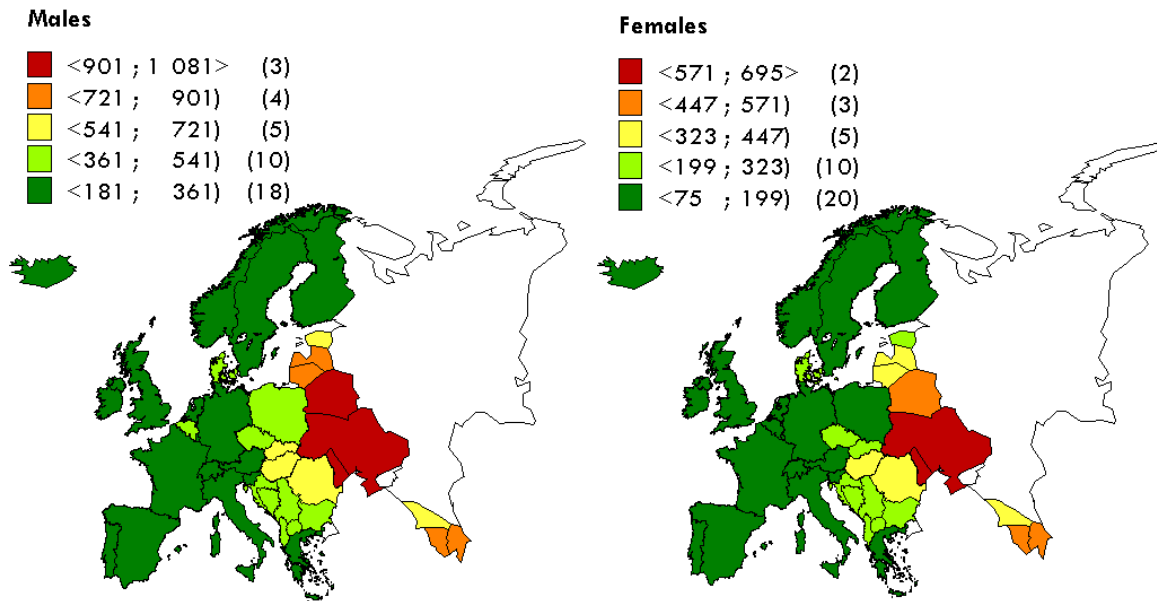


Standardized respiratory system mortality rates, European Union

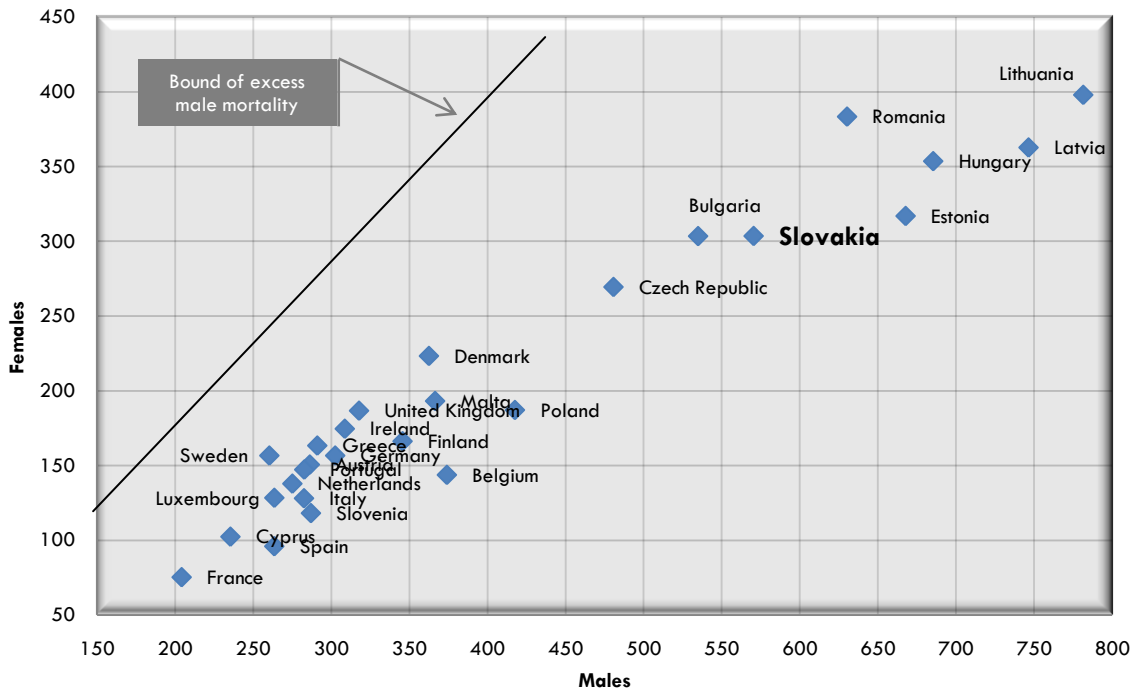


- Slovakia in comparison with European states has an average respiratory system mortality rate. The same ranking is valid also within the EU 27.

Standardized mortality rates for death induced directly or indirectly by smoking tobacco⁴, Europe



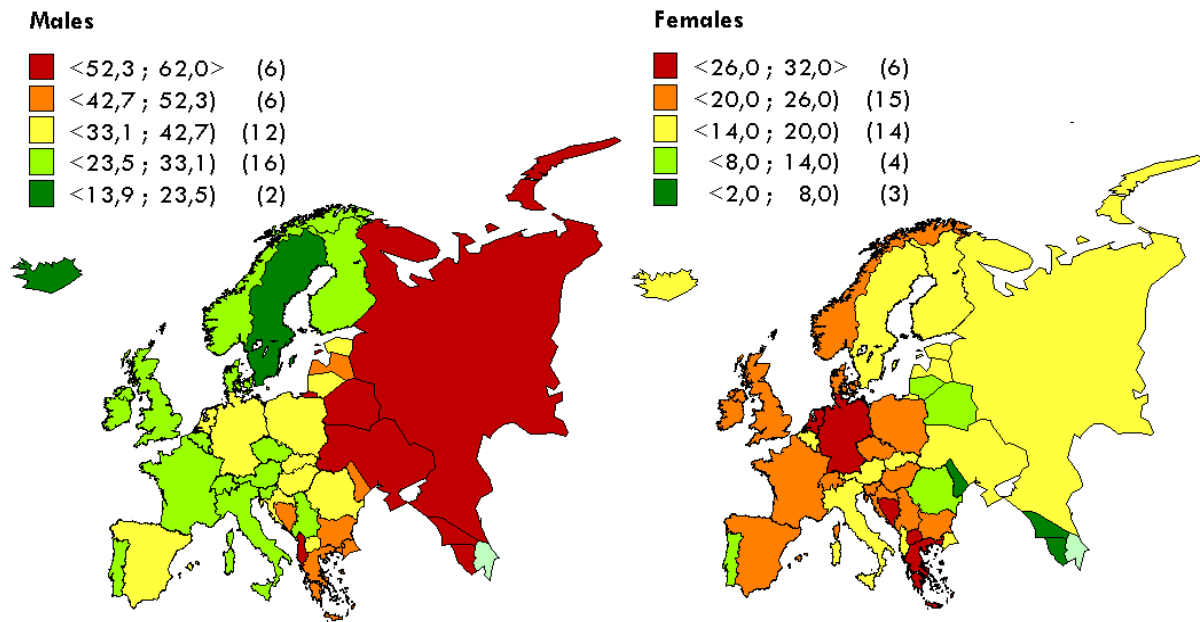
Standardized mortality rates for death induced directly or indirectly by smoking tobacco, European Union



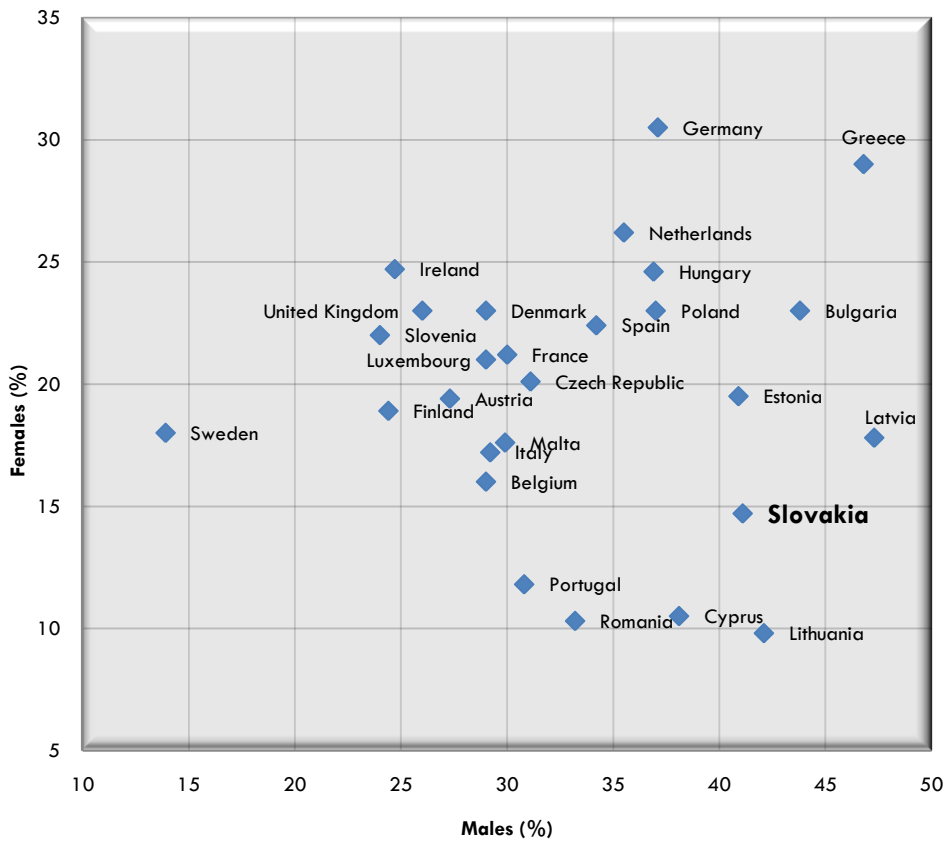
- Slovakia, with other post-communist states, with the Vantage exception of Poland, belongs to states with high mortality rates induced by smoking when compared to the EU 27.

⁴ Sorting by WHO.

Proportion of active smokers at the age 15 and more, Europe

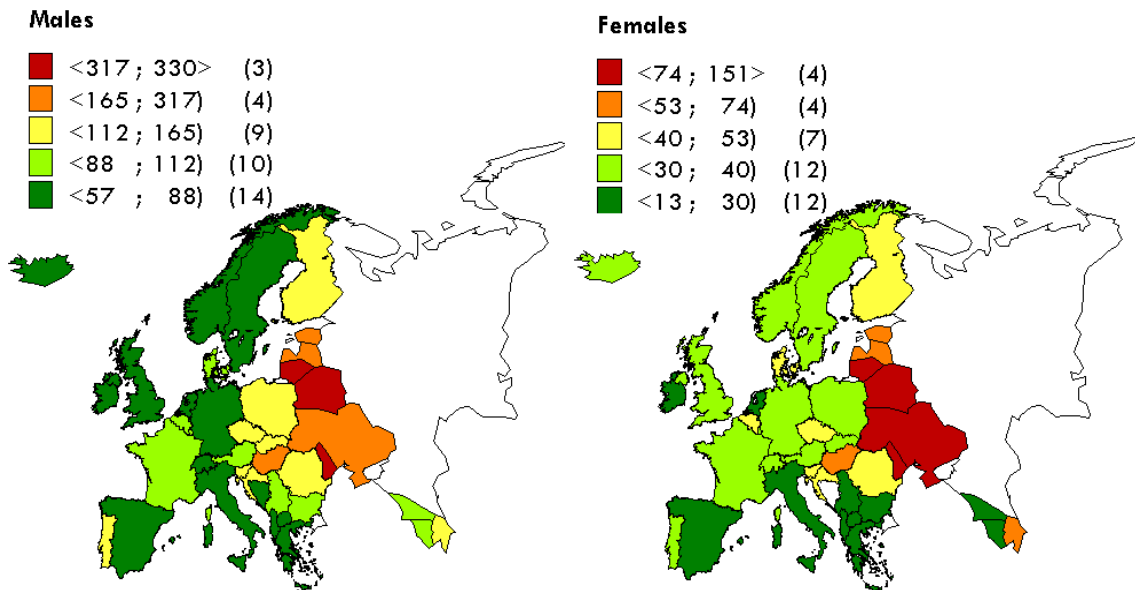


Proportion of active smokers at the age 15 and more, European Union

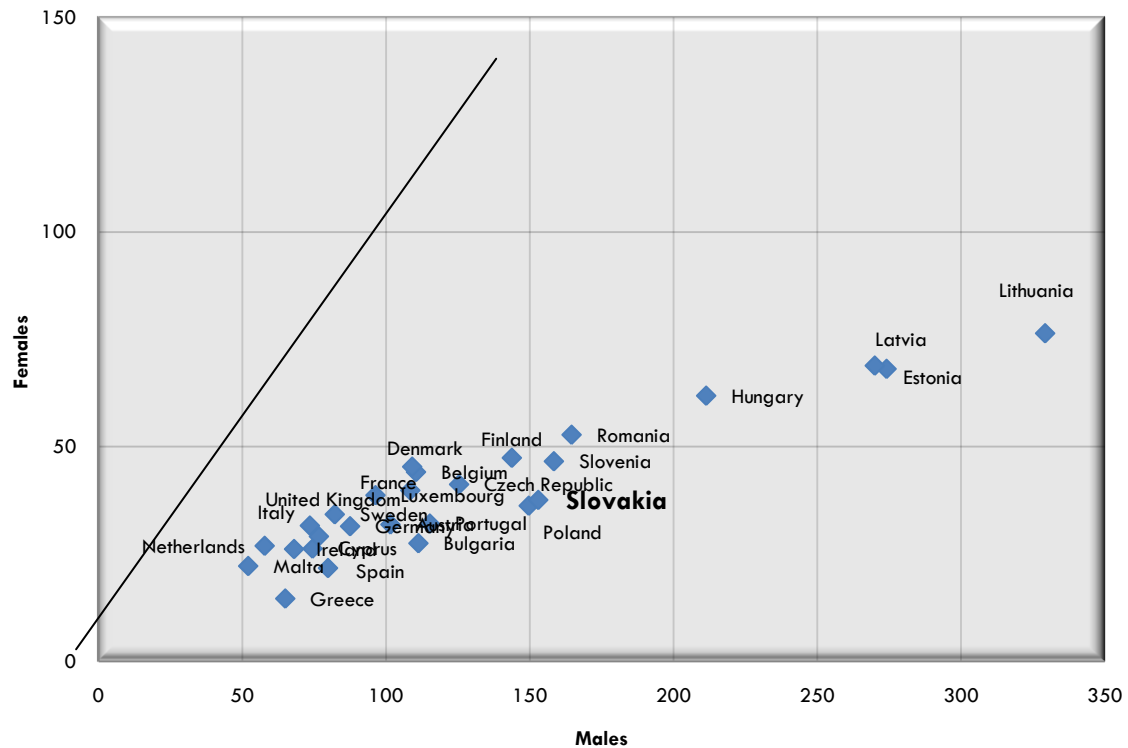


- There is a profound difference in the proportional distribution of female and male smokers in Europe.
- While a proportion of male smokers in Slovakia is almost the highest, the female smokers proportion is almost the lowest.

Standardized mortality rates for deaths induced directly or indirectly by drinking alcohol⁵, Europe



Standardized mortality rates for deaths induced directly or indirectly by drinking alcohol, European Union

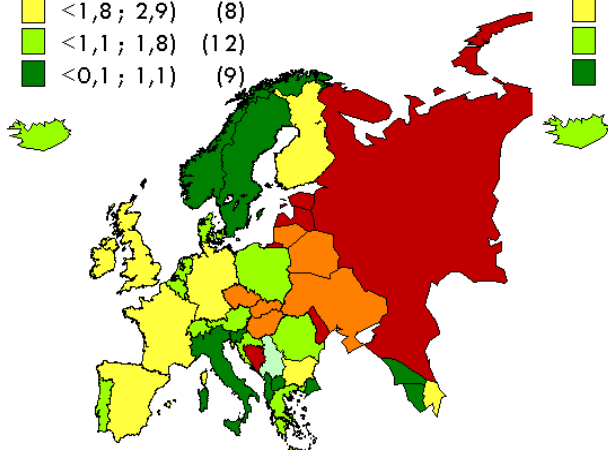
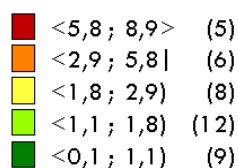


- Female mortality induced by drinking alcohol is comparable with the other states of EU 15.

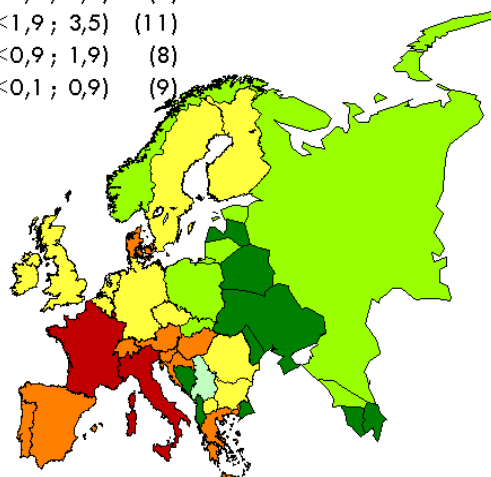
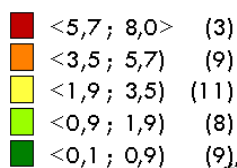
⁵ Sorting by WHO.

Annual consumption of pure alcohol, Europe

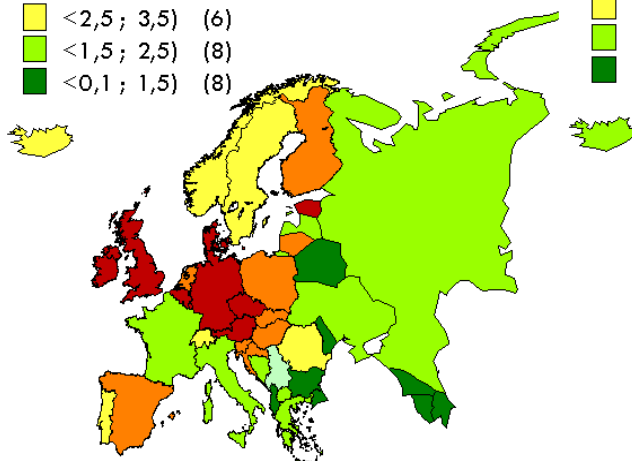
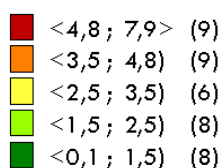
Consumption in distillate form (in litre per person)



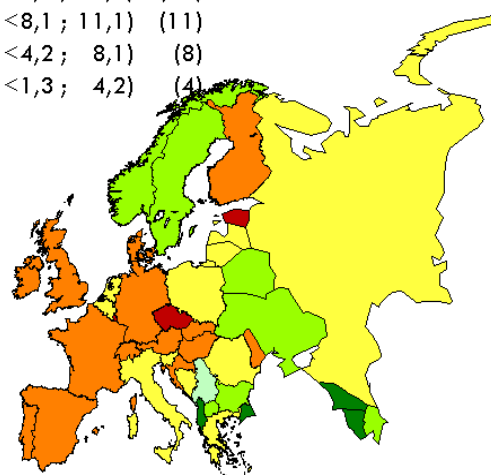
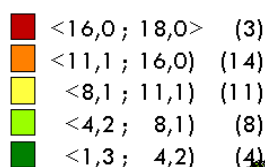
Consumption in wine form (in litre per person)



Consumption in beer form (in litre per person)



Total pure alcohol consumption (in litre per person)



Correlation of the pure alcohol consumption and mortality induced by alcohol drinking in Europe

Pearson's correlation coef.⁶ between standardized mortality induced by drinking alcohol and consumption of alcohol in different forms

	distillates	wine	beer
ŠMR for alcohol drinking	0,437	-0,347	-0,247
p - value	0,002	0,018	0,098

- On significance level of 0,05 we do not have to refuse positive correlation between consumption of distillates and mortality caused by drinking alcohol.
- On significance level of 0,05 we do not have to refuse negative correlation between consumption of wine and mortality caused by drinking alcohol.

⁶ Calculation was done on 46 European states.

APPENDIX

European standard population (WHO)

Age	Population
0	1 600
1-4	6 400
5-9	7 000
10-14	7 000
15-19	7 000
20-24	7 000
25-29	7 000
30-34	7 000
35-39	7 000
40-44	7 000
45-49	7 000
50-54	7 000
55-59	6 000
60-64	5 000
65-69	4 000
70-74	3 000
75-79	2 000
80-84	1 000
85+	1 000

Note: **European standard population** was used for calculation of the standard mortality rates by direct method (Mészáros 2001)

Selected causes of death

Causes of death	ICD-9	ICD-10
Infectious and parasitic diseases	001-139	A00-B99
Neoplasms	140-239	C00-D48
of which:		
Malignant neoplasms	140-208	C00-C97
Endocrine, nutritional and metabolic diseases	240-279	E00-E90
of which:		
Diabetes mellitus	250	E10-E14
Diseases of the nervous system	320-359	G00-G99
Diseases of circulatory system	390-459	I00-I99
of which:		
Hypertensive diseases	401-405	I10-I15
Ischaemic heart diseases	410-414	I20-I25
Cerebrovascular diseases	430-438	I60-I69
Atherosclerosis	440	I70
Diseases of the respiratory system	460-519	J00-J99
Diseases of the digestive system	520-579	K00-K93
Diseases of the genitourinary system	580-629	N00-N99
Abnormal findings	780-799	R00-R99
External causes of death	e800-e999	V01-Y98
of which:		
Transport accidents	e800-e848	V01-V99
Internal self harm	e950-e959	X60-X84

Note: Selected causes of death cover approximately 99 % of all deaths in a year. ICD-9 was used in the year 1993, in following years ICD-10 was used.

Causes of death induced directly or indirectly by drinking alcohol at age 35 and more

Causes of death	ICD-9	ICD-10	Attributable fraction (in %)
Malignant neoplasm of lip, oral cavity and pharynx	140-149	C00-C14	50
Malignant of oesophagus	150	C15	75
Mental and behavioural disorders due to use of alcohol	291-303	F10	100
Malignant neoplasm of liver and intrahepatic bile ducts	155	C22	15
Alcoholic liver diseases, fibrosis and cirrhosis of liver	571	K70, K73, K74, K76	100
Malignant neoplasm of larynx	161	C32	50
Hypertension	401	I10	8
Cerebrovascular diseases	430-438	I60-I69	7
Unknown causes of death	780-799	R68, R69, R96-R99	10
External causes of death	e800-e999	V01-Y89	33

Note: The list was created on the basis of the publications Cipriani, Landucci (1999), Vrána (2). Number of deaths was adjusted according to the proportion of deaths which could be attributed to alcohol consumption.. This classification was used to show the developing trends in mortality rates in Slovakia.

Causes of death induced directly or indirectly by drinking alcohol

Causes of death	ICD-9	ICD-10
Malignant neoplasm of oesophagus	150	C15
Mental and behavioural disorders due to use of alcohol	291-303	F10
Alcoholic liver diseases, fibrosis and cirrhosis of liver	571	K70, K73, K74, K76
Malignant neoplasm of larynx	161	C32
External causes of death	e800-e999	V01-Y89

Note: This selection was used by WHO in comparison of European states.

Causes of death induced directly or indirectly by smoking tobacco at age 35 and more

Causes of death	ICD-9	ICD-10	Attributable fraction (in%)			
			35-64	65+	35-64	65+
Malig. neoplasm of lip, oral cavity, pharynx	140-149	C00-C14	77	71	55	42
Malignant neoplasm of oesophagus	150	C15	72	72	66	53
Malignant neoplasm of stomach	151	C16	28	27	13	11
Malignant neoplasm of pancreas	157	C25	28	19	29	21
Malignant neoplasm of larynx	161	C32	84	82	78	69
Malig. neopl. of trachea, bronchus and lung	162	C33, C34	89	87	77	67
Malignant neoplasm of cervix uteri	180	C53			14	8
Malig. neoplasm of kidney and renal pelvis	189	C64, C65	40	38	7	4
Malignant neoplasm of bladder	188	C67	48	46	32	26
Myeloid leukaemia	205	C92	24	22	10	10
Ischaemic heart disease	410-414	I20-I25	40	15	35	10
Other heart disease	390-398, 415-417, 420-429	I00-I09, I26-I51	21	18	12	8
Cerebrovascular disease	430-438	I60-I69	38	9	43	5
Atherosclerosis	440	I70	32	26	16	7
Aortic aneurysm and dissection	441	I71	66	64	62	46
Other arterial disease	442-448	I72-I78	22	11	23	12
Influenza and pneumonia	480-487	J10-J18	23	22	23	12
Acute bronchitis, emphysema	490-492	J40-J43	89	91	83	80
Other chronic obstructive pulmonary disease	496	J44	81	81	80	73

Note: The list of death was created on the basis of the publications (Shultz Novotny Rice 1990). Number of deaths resulting from the above listed causes was adjusted according to the proportion of deaths attributable to smoking tobacco.. This classification was used to show the developing trends in mortality rates in Slovakia.

Causes of death induced directly or indirectly by smoking tobacco

Causes of death	ICD-9	ICD-10
Malig. neoplasm of lip, oral cavity, pharynx	140-149	C00-C14
Malignant neoplasm of oesophagus	150	C15
Malignant neoplasm of larynx	161	C32
Malig. neopl. of trachea, bronchus and lung	162	C33, C34
Ischaemic heart disease	410-414	I20-I25
Cerebrovascular disease	430-438	I60-I69
Acute bronchitis, emphysema	490-492	J40-J43
Other chronic obstructive pulmonary disease	496	J44

Note: This selection was used by WHO in comparison of European states.

Causes of death according to avoidable mortality

Causes of death	Age	ICD-9	ICD-10
Treatable mortality			
Intestinal infections	0-14	001–009	A00–A09
Tuberculosis	0-74	010–018, 137	A15–A19, B90
Other infectious	0-74	032, 037, 045	A36, A35, A80
Whooping cough	0-14	033	A37
Septicaemia	0–74	038	A40–A41
Measles	1-14	055	B05
Malignant neoplasm of colon and rectum	0-74	153–154	C18–C21
Malignant neoplasm of skin	0-74	173	C44
Malignant neoplasm of breast	0-74	174	C50
Malignant neoplasm of cervix uteri	0-74	180	C53
Malignant neoplasm of cervix uteri and body of the uterus	0-44	179, 182	C54, C55
Malignant neoplasm of testis	0-74	186	C62
Hodgkin's disease	0-74	201	C81
Leukaemia	0-44	204–208	C91–C95
Diseases of the thyroid	0-74	240–246	E00–E07
Diabetes mellitus	0-49	250	E10–E14
Epilepsy	0-74	345	G40–G41
Chronic rheumatic heart diseases	0-74	393–398	I05–I09
Hypertensive diseases	0-74	401–405	I10–I13, I15
Cerebrovascular diseases	0-74	430–438	I60–I69
All respiratory diseases (excl. pneumonia/influenza)	1-14	460–479, 488–519	J00–J09, J20–J99
Influenza	0-74	487	J10–J11
Pneumonia	0-74	480–486	J12–J18
Peptic ulcer	0-74	531–533	K25–K27
Appendicitis	0-74	540–543	K35–K38
Abdominal hernia	0-74	550–553	K40–K46
Cholelithiasis and cholecystitis	0-74	574–575	K80–K81
Nephritis and nephrosis	0-74	580–589	N00–N07, N17–N19, N25–N27
Benign prostatic hyperplasia	0-74	600	N40
Maternal deaths	0-74	630–676	O00–O99
Congenital cardiovascular anomalies	0-74	745–747	Q20–Q28
Perinatal deaths	0-74	760–779	P00–P96
Misadventures during surgical and medical care	0-74	E870–E876, E878–E879	Y60–Y69, Y83–Y84
Preventable Diseases			
Malignant neoplasm of trachea, bronchus and lung	0-74	162	C33–C34
Cirrhosis of liver	0-74	571	K70, K73–K74
Traffic accidents	0-74	E810–825	V02–V04, V09, V12–V14, V20–V79, V82–V87, V89
Ischaemic heart disease			
Ischaemic heart disease	0-74	410–414	I20–I25

Note: The list was created on the basis of the publication Newey Nolte McKee Mossialos (2004). These are causes of death which lead to premature death, which could either be postponed, or prevented by appropriate medical treatment. Accumulation of deaths due to these causes provides warning signals indicating the need for changes in the health care system. They are divided into treatable, preventable and ischaemic heart diseases. Ischaemic heart disease could be integrated into both categories of diseases mentioned above, but the extent to which health care and prevention contributes to developmental trends of these causes of death is not clear. In addition the large amount of deaths caused by this disease could cover up the influence of health care and prevention on other diseases.

REFERENCES

- Arriaga, E. (1984): Measuring and explaining the change in life expectancies. *Demography*, 21, p.83-96.
- Burcin, B. (2008): Vývoj odvrátiteľné úmrtnosti v Českej republike v období 1990 – 2006. *Demografie* 50.
- Cipriani, F. , Landucci, L. (1999): Alcohol-related mortality and morbidity data sources and a tentative analysis of alcohol-related mortality in Europe. (<http://www.charite.de/biometrie/Gender&Alcohol/download/chapter8-V.pdf>).
- European health for all database (2008) (HFA-DB). WHO Regional Office for Europe.(<http://data.euro.who.int/hfadb>).
- Jurčová, D. (2005): Slovník demografických pojmov. Infostat Bratislava.
- Newey C, Nolte E, McKee M, Mossialos E. (2004): Avoidable mortality in the enlarged European Union. Paris: Institute des Sciences de la Santé;.
- Mészáros, J. (2001): Možnosti porovnávania úmrtnosti v rôznych vekových štruktúrach. *Slovenská štatistika a demografia*,3
- Shultz, J., Novotny, T., Rice, D.: Smoking-Attributable Mortality, Morbidity, and Economic Costs. Office of Smoking and Health, US Centers for Disease Control and Prevention (<http://apps.nccd.cdc.gov/sammec>)
- The Human Mortality Database (2008). University of California, Berkeley (USA), Max Planck Institute for Demographic Research (Germany) (<http://www.mortality.org>).
- Vrána, K. (2007): Vplyv alkoholu na úmrtnosť v Českej republike. Demografický informačný portál 2007. (<http://www.demografie.info>).

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