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PRESENTATION

The National Medical Records and Health Statistics Bureau of The Ministry of Public Health of Cuba introduces to you the 41st publication of the Annual Health Statistics Report with updated information until 2012.

Indicators are organized in 78 statistical tables according to time, gender and age covers. The information undertakes the following issues: Demography, Mortality, Morbidity, Personnel and Resources, Services and Health personnel training. Statistical data come from the Health Information System. The population data have been provided by The Center for Population and Development Studies from the National Statistics and Information Bureau.

The Cuban Health Statistical System uses mostly the method of continuous registration, with national coverage and departments of statistics and medical registries in all health institutions as well as in the municipal, provincial and national structures, where the Medical Records and Health Statistics Bureau is located.

The mortality and the morbidity statistics have been processed according to the ICD-10.

This document is also available in HTML format at the URL address, specified in the footnotes of this page.

We hope the purpose of this publication be fulfilled, so our users are invited to give their opinions or make suggestions.

*Sonia Bess Constantén, MD
National Director for Medical Records and Health Statistics
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Symbols used

- Magnitude zero*
- ... Data not available*
- 0.0 Rate less than 0.05*
- M Male*
- F Female*

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DEMOGRAPHIC DATA

Table 1. Mid-year population estimates by sex. Selected years 1960 – 2012

Years	Total	Male	Female
1960	7 028 515	3 617 876	3 410 639
1965	7 808 291	4 006 646	3 801 645
1970	8 572 376	4 394 826	4 177 550
1975	9 292 104	4 746 658	4 545 446
1980	9 779 795	4 986 762	4 793 033
1985	10 085 681	5 089 366	4 996 315
1986	10 183 486	5 135 157	5 048 329
1987	10 281 662	5 179 021	5 102 641
1988	10 389 391	5 225 599	5 163 792
1989	10 496 068	5 277 853	5 218 215
1990	10 605 248	5 332 930	5 272 318
1991	10 709 489	5 383 687	5 325 802
1992	10 793 074	5 420 701	5 372 373
1993	10 862 653	5 463 184	5 399 469
1994	10 904 455	5 478 286	5 426 169
1995	10 930 021	5 495 557	5 434 464
1996	10 956 222	5 508 517	5 447 705
1997	11 008 659	5 535 119	5 473 540
1998	11 055 405	5 538 366	5 517 039
1999	11 094 972	5 555 364	5 539 608
2000	11 129 665	5 569 465	5 560 200
2001	11 157 364	5 582 668	5 574 696
2002	11 184 457	5 590 773	5 593 684
2003	11 199 923	5 603 702	5 596 221
2004	11 216 489	5 616 964	5 599 525
2005	11 218 106	5 617 549	5 600 557
2006	11 210 628	5 613 921	5 596 707
2007	11 195 330	5 605 756	5 589 574
2008	11 181 012	5 597 673	5 583 339
2009	11 174 474	5 594 504	5 579 970
2010	11 171 443	5 592 729	5 578 714
2011	11 171 679	5 592 332	5 579 347
2012	11 163 934	5 571 647	5 592 287

Source: Center for Population and Development Studies of the National Statistics Bureau. Annual Demographic Report. Cuban Population and Housing Census. 2012, preliminary data.

Table 2. Selected natality indicators. 1970 – 2012

Years	Total live births	Crude birth rate *	In-hospital live births	
			Live births	%
1970	237 019	27.7	216 926	91.5
1971	256 014	29.5	245 188	95.8
1972	247 997	28.1	242 078	97.6
1973	226 005	25.1	221 522	98.0
1974	203 066	22.2	198 256	97.6
1975	192 941	20.8	190 356	98.7
1976	187 555	19.9	183 932	98.1
1977	168 960	17.7	163 916	97.0
1978	148 249	15.4	145 559	98.2
1979	143 551	14.8	141 103	98.3
1980	136 900	14.1	134 830	98.5
1981	136 211	14.0	134 709	98.9
1982	159 759	16.3	158 087	98.9
1983	165 284	16.7	162 633	98.4
1984	166 281	16.7	164 077	98.7
1985	182 067	18.1	179 907	98.8
1986	166 049	16.3	164 873	99.3
1987	179 477	17.4	178 449	99.4
1988	187 911	18.1	187 529	99.8
1989	184 891	17.6	184 538	99.8
1990	186 658	17.6	186 254	99.8
1991	173 896	16.3	173 455	99.8
1992	157 349	14.5	157 051	99.8
1993	152 233	13.9	151 885	99.8
1994	147 265	13.4	146 967	99.8
1995	147 170	13.4	146 944	99.8
1996	140 276	12.7	140 046	99.8
1997	152 681	13.8	152 491	99.9
1998	151 080	13.6	150 897	99.9
1999	150 785	13.5	150 590	99.9
2000	143 528	12.8	143 355	99.9
2001	138 718	12.4	138 564	99.9
2002	141 276	12.6	141 115	99.9
2003	136 795	12.2	136 662	99.9
2004	127 192	11.3	127 078	99.9
2005	120 716	10.7	120 587	99.9
2006	111 323	9.9	111 211	99.9
2007	112 472	10.0	112 372	99.9
2008	122 569	10.9	122 454	99.9
2009	130 037	11.6	129 948	99.9
2010	127 746	11.4	127 640	99.9
2011	133 067	11.8	132 962	99.9
2012	125 674	11.3	125 564	99.9

* Per 1 000 population.

Source: Center for Population and Development Studies of the National Statistics Bureau. Annual Demographic Report.

Table 3. In - hospital live births by month. 2006 - 2012

Month	2006	2007	2008	2009	2010	2011	2012
January	10 051	10 169	10 399	11 070	11 002	11 424	10 869
February	8 676	8 460	8 979	9 196	9 379	9 124	10 033
March	8 115	8 235	8 487	9 441	9 358	8 904	9 594
April	6 845	7 452	7 699	9 007	8 116	8 480	8 170
May	6 773	7 868	8 142	8 850	8 139	8 823	8 311
June	7 194	7 344	8 253	8 776	8 244	9 033	8 456
July	8 408	8 278	9 473	9 728	9 645	10 766	10 057
August	10 128	10 277	11 354	11 877	12 137	12 848	11 597
September	11 410	11 343	12 975	13 685	12 799	14 429	12 505
October	11 557	11 056	12 806	13 464	13 239	13 855	12 802
November	11 183	10 966	11 773	12 461	12 694	12 530	11 650
December	10 871	10 924	12 114	12 393	12 888	12 746	11 520
Total	111 211	112 372	122 454	129 948	127 640	132 962	125 564

Table 4. Fertility rates by mother age. 2006 – 2012.

Age of mother	2006	2007	2008	2009	2010	2011	2012
15 – 19	41.8	43.4	49.2	51.3	52.9	57.3	53.6
20 – 24	87.4	89.1	99.5	107.8	106.6	111.6	105.1
25 – 29	75.7	78.7	87.8	95.1	94.2	98.2	94.2
30 – 34	48.5	49.0	53.0	56.5	54.9	57.1	56.4
35 – 39	21.1	22.1	24.0	25.4	24.1	24.8	23.2
40 – 44	3.9	3.8	4.0	4.4	4.5	5.0	5.1
45 – 49	0.3	0.2	0.3	0.3	0.3	0.3	0.3
Total	36.9	37.3	40.8	43.5	43.0	45.3	43.2

Rate per 1 000 women of the age.

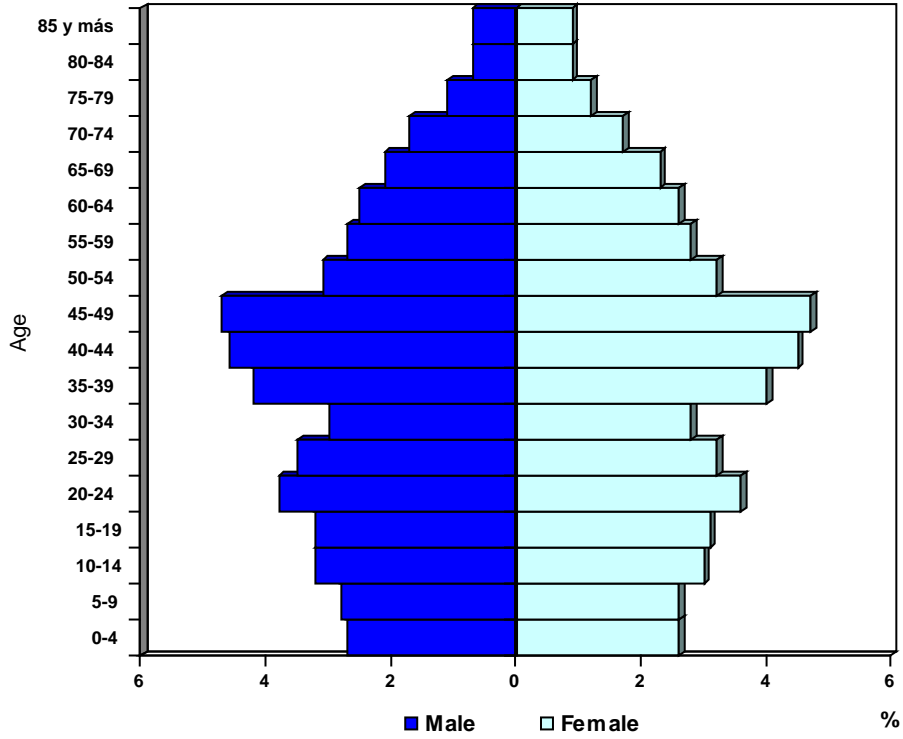
Source: Center for Population and Development Studies of the National Statistics Bureau. Annual Demographic Report

Table 5. Selected demographic indicators. 1970, 1990, 2000, 2012

Indicators	1970	1990	2000	2012
Population density	77.3	96.5	101.2	101.6
Global fertility rate	3.70	1.83	1.58	1.69
Gross Reproduction rate	1.80	0.89	0.76	0.82
Percent of population of 60 years and over	9.0	11.9	12.9	18.3
Masculinity ratio (males per thousand females)	1 052	1 013	1 003	996
Urban population percentage	60.5	73.9	75.3	75.2

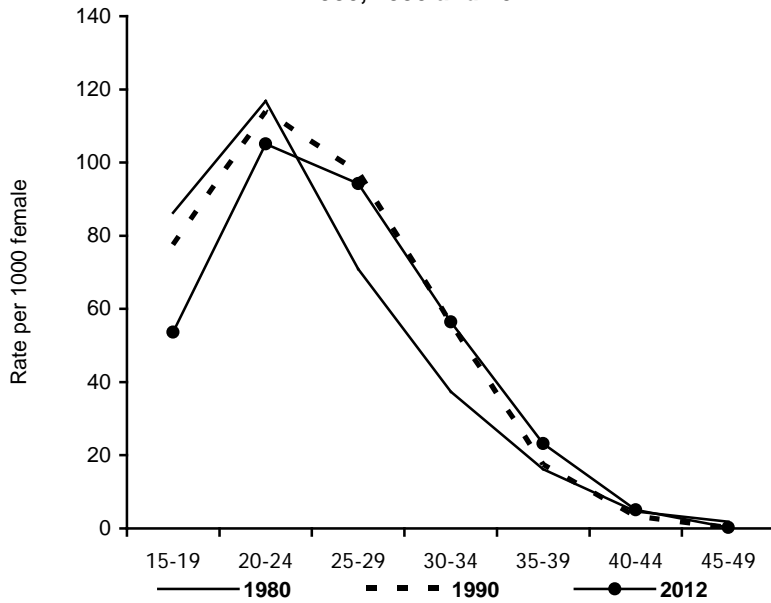
Source: Center for Population and Development Studies of the National Statistics Bureau. Annual Demographic Report.

Graph 1. Age and sex population structure. Cuba 2012



Source: Population and housing census. Cuba 2012

Graph 2. Fertility rates by mother age 1980, 1990 and 2012



Source: National Statistics and Information Bureau. Demographic Information Annual of Cuba .

MORTALITY

Table 6. Deaths and death rates by age. 1987-2012

Years	< 7 days	7 – 27 days	28 days to 11 months	< 1 year	1 – 4 years	5 – 14 years	15 – 49 years	50 – 64 years	65 years and over	Total*
Number of deaths										
1987	1 298	345	744	2 387	506	754	9 773	10 420	41 193	65 079
1988	1 145	373	717	2 235	515	722	10 209	10 900	43 333	67 944
1989	993	333	723	2 049	462	642	10 175	10 810	43 185	67 356
1990	862	341	801	2 004	459	557	10 442	11 513	47 125	72 144
1991	811	323	719	1 853	483	595	10 672	11 261	46 823	71 709
1992	720	272	615	1 607	458	573	10 616	11 597	50 573	75 457
1993	601	272	558	1 431	428	592	10 681	12 120	53 217	78 531
1994	598	314	546	1 458	433	562	10 839	12 103	53 217	78 648
1995	586	304	494	1 384	462	590	10 588	12 383	52 494	77 937
1996	456	250	403	1 109	391	540	10 113	12 601	54 887	79 662
1997	464	204	430	1 098	329	519	9 999	12 607	52 742	77 316
1998	438	216	416	1 070	316	495	10 049	13 042	52 572	77 565
1999	440	157	380	977	292	525	9 716	13 230	54 749	79 499
2000	445	207	387	1 039	268	470	9 154	13 176	52 337	76 463
2001	368	179	314	861	248	425	8 859	13 725	55 263	79 395
2002	388	203	331	922	223	398	8 298	13 138	50 894	73 883
2003	340	196	323	859	242	339	8 188	13 652	55 149	78 434
2004	271	172	293	736	247	332	8 161	13 778	57 851	81 110
2005	258	151	337	746	219	346	8 293	14 153	61 060	84 824
2006	234	126	229	589	199	270	7 681	13 829	58 262	80 831
2007	220	121	251	592	160	310	7 743	14 146	58 968	81 927
2008	236	148	195	579	177	253	7 760	14 339	63 309	86 423
2009	237	114	275	626	162	280	7 840	14 397	63 626	86 940
2010	225	113	243	581	152	289	7 790	14 830	67 418	91 065
2011	248	145	260	653	147	250	7 379	14 168	64 442	87 044
2012	202	116	263	581	165	251	7 603	14 943	65 808	89 368
	Rate per 1 000 live births			Rate per 1 000 population						
1987	7.2	1.9	4.1	13.3	0.8	0.4	1.7	9.2	49.1	6.3
1988	6.1	2.0	3.8	11.9	0.8	0.4	1.7	9.2	49.2	6.5
1989	5.4	1.8	3.9	11.1	0.7	0.4	1.7	8.8	48.4	6.4
1990	4.6	1.8	4.3	10.7	0.7	0.4	1.7	9.1	52.2	6.8
1991	4.7	1.9	4.1	10.7	0.7	0.4	1.8	8.7	51.4	6.7
1992	4.6	1.7	3.9	10.2	0.6	0.4	1.7	9.0	52.6	7.0
1993	3.9	1.8	3.7	9.4	0.6	0.4	1.7	8.9	55.7	7.2
1994	4.1	2.1	3.7	9.9	0.6	0.4	1.8	8.6	54.5	7.1
1995	4.0	2.1	3.4	9.4	0.7	0.4	1.7	8.3	52.5	7.1
1996	3.2	1.8	2.9	7.9	0.6	0.3	1.7	8.4	54.9	7.2
1997	3.0	1.3	2.8	7.2	0.5	0.3	1.6	8.2	52.3	7.0
1998	2.9	1.4	2.8	7.1	0.5	0.3	1.6	8.7	50.2	7.0
1999	2.9	1.0	2.4	6.5	0.5	0.3	1.6	8.8	52.2	7.1
2000	3.1	1.4	2.7	7.2	0.4	0.3	1.5	8.8	49.7	6.8
2001	2.6	1.3	2.3	6.2	0.4	0.3	1.5	8.5	49.7	7.1
2002	2.7	1.4	2.3	6.5	0.3	0.2	1.4	7.8	43.8	6.6
2003	2.5	1.4	2.4	6.3	0.4	0.2	1.4	8.1	46.7	7.0
2004	2.1	1.4	2.3	5.8	0.4	0.2	1.3	8.1	48.9	7.2
2005	2.1	1.3	2.8	6.2	0.4	0.2	1.4	8.1	49.7	7.5
2006	2.1	1.1	2.1	5.3	0.4	0.2	1.3	7.9	47.4	7.2
2007	2.0	1.1	2.2	5.3	0.3	0.2	1.3	8.0	45.7	7.3
2008	1.9	1.2	1.6	4.7	0.4	0.2	1.3	8.0	47.9	7.7
2009	1.8	0.9	2.1	4.8	0.3	0.2	1.3	8.1	47.8	7.7
2010	1.8	0.9	1.9	4.5	0.3	0.2	1.3	8.1	47.4	8.1
2011	1.9	1.1	2.0	4.9	0.3	0.2	1.2	7.5	44.5	7.7
2012	1.6	0.9	2.1	4.6	0.4	0.2	1.3	8.1	45.8	7.9

* Includes deaths of unknown age

Table 7. Deaths and death rates by sex. Selected years 1970 – 2012

Years	Total			Male			Female		
	Deaths	Rate		Deaths	Rate		Deaths	Rate	
		Crude	Adjusted		Crude	Adjusted		Crude	Adjusted
1970	53 761	6.3	7.2	30 574	7.0	8.0	23 187	5.6	6.4
1975	50 961	5.5	6.1	28 977	6.1	6.7	21 984	4.8	5.4
1980	55 801	5.7	5.8	31 787	6.4	6.5	24 014	5.0	5.1
1985	64 430	6.4	6.1	36 234	7.1	6.8	28 196	5.7	5.3
1986	63 145	6.2	5.7	35 758	7.0	6.5	27 387	5.4	4.9
1987	65 079	6.3	5.8	36 620	7.1	6.6	28 459	5.6	5.0
1988	67 944	6.5	5.9	38 384	7.3	6.5	29 560	5.7	4.9
1989	67 356	6.4	5.5	38 060	7.2	6.3	29 296	5.6	4.7
1990	72 144	6.8	5.8	40 443	7.6	6.6	31 701	6.0	4.9
1991	71 709	6.7	5.6	40 158	7.5	6.5	31 551	5.9	4.8
1992	75 457	7.0	5.7	41 637	7.7	6.5	33 820	6.3	4.9
1993	78 531	7.2	5.9	44 040	8.0	6.8	34 491	6.4	4.9
1994	78 648	7.1	5.7	44 049	7.9	6.7	34 599	6.3	4.8
1995	77 937	7.1	5.6	43 233	7.8	6.5	34 704	6.4	4.8
1996	79 662	7.2	5.7	43 670	7.9	6.6	35 992	6.6	4.9
1997	77 316	7.0	5.5	42 673	7.7	6.4	34 643	6.3	4.6
1998	77 565	7.0	5.3	42 867	7.7	6.1	34 698	6.3	4.4
1999	79 499	7.1	5.4	43 804	7.9	6.2	35 695	6.4	4.5
2000	76 463	6.8	5.1	42 057	7.5	6.0	34 406	6.2	4.3
2001	79 395	7.1	5.0	43 048	7.7	5.8	36 347	6.5	4.3
2002	73 883	6.6	4.7	40 478	7.2	5.5	33 405	5.9	3.9
2003	78 434	7.0	4.7	42 302	7.5	5.4	36 132	6.5	3.9
2004	81 110	7.2	4.8	43 924	7.8	5.6	37 186	6.6	4.0
2005	84 824	7.5	4.8	45 878	8.1	5.7	38 946	6.9	4.1
2006	80 831	7.2	4.5	43 875	7.8	5.3	36 956	6.6	3.8
2007	81 927	7.3	4.5	44 033	7.8	5.3	37 894	6.8	3.8
2008	86 423	7.7	4.6	46 271	8.2	5.5	40 152	7.2	3.9
2009	86 940	7.7	4.6	46 626	8.3	5.4	40 314	7.2	3.9
2010	91 065	8.1	4.6	49 080	8.7	5.4	41 985	7.5	3.1
2011	87 044	7.7	4.3	46 554	8.3	5.1	40 490	7.2	3.6
2012	89 368	7.9	4.5	48 341	8.6	5.3	41 027	7.3	3.7

Rate per 1 000 population.

Adjusted rate by a direct method. Model population: Cuba, 1981 census.

Table 8. Deaths and death rates by age and sex. 2012

Age group	Total		Male		Female	
	Deaths	Rate per 1 000 population	Deaths	Rate per 1 000 population	Deaths	Rate per 1 000 population
<1 *	581	4.6	340	5.2	241	4.0
1-4	165	0.4	92	0.4	73	0.3
5-9	105	0.2	58	0.2	47	0.2
10-14	146	0.2	91	0.3	55	0.2
15-19	288	0.4	199	0.5	89	0.2
20-24	462	0.6	309	0.7	153	0.4
25-29	533	0.7	365	1.0	168	0.5
30-34	589	0.8	406	1.1	183	0.5
35-39	1 051	1.1	678	1.4	373	0.8
40-44	1 746	1.7	1 138	2.2	608	1.2
45-49	2 934	2.9	1 801	3.6	1 133	2.2
50-54	3 668	5.4	2 242	6.8	1 426	4.1
55-59	4 808	7.8	2 911	9.7	1 897	6.0
60-64	6 467	11.5	3 855	14.2	2 612	9.0
65-69	8 317	17.8	4 921	21.9	3 396	14.0
70-74	10 261	27.6	5 949	33.2	4 312	22.3
75-79	11 316	45.7	6 095	53.0	5 221	39.4
80-84	12 416	69.0	6 379	79.0	6 037	60.9
85 and over	23 498	139.2	10 496	146.4	13 002	133.9
Total**	89 368	7.9	48 341	8.6	41 027	7.3

* Rate per 1 000 live births.

** Including unknown age death (17).

Table 9. Leading causes of death for all ages. 2000, 2011 - 2012

Causes	2000	2011	2012
Number of deaths			
Malignant neoplasms (C00 - C97)	16 426	21 817	22 532
Heart diseases (I05 - I52)	20 258	22 237	22 234
Cerebrovascular diseases (I60-I69)	8 143	8 648	8 891
Influenza and pneumonia (J09 - J18)	5 735	5 202	5 495
Unintentional injuries (V01-X59, Y85-Y86)	4 955	4 725	4 789
Chronic lower respiratory diseases (J40-J47)	2 347	3 514	3 373
Diseases of arteries, arterioles and capillaries (I70-I79)	3 687	2 508	2 630
Diabetes mellitus (E10 - E14)	1 490	2 284	2 206
Intentional self-harm (X60-X84, Y870)	1 845	1 529	1 484
Chronic liver diseases and cirrhosis (K70, K73, K74, K760, K761)	988	1 069	1 278
Crude rate per 100 000 population			
Malignant neoplasms	146.8	194.2	200.3
Heart disease	181.1	198.0	197.6
Cerebrovascular diseases	72.8	77.0	79.0
Influenza and pneumonia	51.3	46.3	48.8
Unintentional injuries	44.3	42.1	42.6
Chronic lower respiratory diseases	21.0	31.3	30.0
Diseases of arteries, arterioles and capillaries	33.0	22.3	23.4
Diabetes mellitus	13.3	20.3	19.6
Intentional self-harm	16.5	13.6	13.2
Chronic liver diseases and cirrhosis	8.8	9.5	11.4

Note: Chronic liver diseases and cirrhosis do not include chronic viral hepatitis

Table 10. Leading causes of death by sex. 2012

Causes	Male		Female		Sex ratio M/F
	Deaths	Rate	Deaths	Rate	
Malignant neoplasms (C00 - C97)	12 990	230.6	9 542	169.8	1.4
Heart diseases (I05 - I52)	11 662	207.1	10 572	188.2	1.1
Cerebrovascular diseases (I60-I69)	4 408	78.3	4 483	79.8	1.0
Influenza and pneumonia (J09 - J18)	2 846	50.5	2 649	47.2	1.1
Unintentional injuries (V01-X59, Y85-Y86)	2 608	46.3	2 181	38.8	1.2
Chronic lower respiratory diseases (J40-J47)	1 872	33.2	1 501	26.7	1.2
Diseases of arteries, arterioles and capillaries (I70-I79)	1 327	23.6	1 303	23.2	1.0
Diabetes mellitus (E10 - E14)	859	15.3	1 347	24.0	0.6
Intentional self-harm (X60-X84, Y870)	1 192	21.2	292	5.2	4.1
Chronic liver diseases and cirrhosis (K70, K73, K74, K760, K761)	958	17.0	320	5.7	3.0

Rate per 100 000 population.

Table 11. Years of potential life lost (YPLL) by leading causes of death and sex per 1 000 population aged 1 – 74. 2011 - 2012

Causes	Male		Female		Total	
	2011	2012	2011	2012	2011	2012
Malignant neoplasms (C00 - C97)	18.7	19.1	17.2	17.2	18.0	18.2
Heart diseases (I05 - I52)	13.3	13.9	7.7	7.5	10.5	10.7
Cerebrovascular diseases (I60-I69)	4.2	4.4	3.1	3.3	3.7	3.9
Influenza and pneumonia (J09 - J18)	1.6	1.8	1.2	1.3	1.4	1.6
Unintentional injuries (V01-X59,Y85-Y86)	8.3	8.7	2.0	2.1	5.2	5.4
Chronic lower respiratory diseases (J40-J47)	1.6	1.5	1.7	1.7	1.7	1.6
Diseases of arteries, arterioles and capillaries (I70-I79)	0.8	0.8	0.4	0.5	0.6	0.6
Diabetes mellitus (E10 - E14)	1.4	1.2	1.7	1.6	1.6	1.4
Intentional self-harm (X60-X84, Y870)	5.0	4.7	1.2	1.2	3.1	2.9
Chronic liver diseases and cirrhosis (K70, K73, K74, K760, K761)	2.3	2.8	0.5	0.6	1.4	1.7

Table 12. Mortality by 35 leading causes of death. 2012

Causes	Number of deaths	Rate*	
		Crude	Adjusted**
Malignant neoplasms (C00-C97)	22 532	200.3	117.5
Heart diseases (I05-I52)	22 234	197.6	104.5
Cerebrovascular diseases (I60-I69)	8 891	79.0	41.5
Influenza and pneumonia (J09-J18)	5 495	48.8	23.6
Unintentional injuries (V01-X59, Y85-Y86)	4 789	42.6	25.2
Dementia and Alzheimer's disease (F01-F03, G30)	3 637	32.3	14.1
Chronic lower respiratory diseases (J40-J47)	3 373	30.0	16.7
Asthma (J45-J46)	253	2.2	1.5
Disease of arteries, arterioles and capillaries (I70-I79)	2 630	23.4	11.4
Diabetes mellitus (E10-E14)	2 206	19.6	11.4
Intentional self-harm (X60-X84, Y870)	1 484	13.2	9.3
Cirrhosis and other liver diseases (K70, K73-K74, K760-K761)	1 278	11.4	7.0
Glomerular and renal diseases (N00-N19, N25-N27)	724	6.4	3.7
Non malignant neoplasm (D00-D48)	684	6.1	3.8
Assault (X85-Y09, Y871)	620	5.5	4.8
Hernia and intestinal obstruction without hernia (K40-K46, K56)	538	4.8	2.6
Parkinson's disease (G20-G21)	433	3.8	2.1
Peptic ulcer (K25-K28)	389	3.5	1.9
Congenital malformations (Q00-Q99)	382	3.4	3.7
Mental and behavioral disorders due to use of alcohol (F10)	337	3.0	1.9
AIDS (B20-B24)	297	2.6	2.0
Arthrosis (M15-M19)	285	2.5	1.1
Conditions originating in the perinatal period (P00-P96)	283	2.5	3.5

* Rate per 100 000 population.

** Adjusted rate by a direct method. Model population: Cuba, 1981 census.
Causes from Cuban brief list: 41.

Table 12. Mortality by 35 leading causes of death. 2012. (Continued)

Causes	Number of deaths	Rate*	
		Crude	Adjusted**
Intestinal infections diseases (A00-A09)	281	2.5	1.5
Events of undetermined intent (Y10-Y34,Y872)	253	2.2	1.5
Acute pancreatitis and other diseases of the pancreas (K85-K86)	187	1.7	1.0
Anaemias (D50-D64)	157	1.4	0.9
Systemic connective tissue disorders (M30-M36)	139	1.2	0.9
Viral hepatitis (B15-B19)	134	1.2	0.8
Hyperplasia of prostate (N40)***	60	1.1	0.7
Septicaemia (A40-A41)	94	0.8	0.6
Bacterial meningitis, except meningococcal meningitis (G00-G03)	85	0.8	0.6
Maternal (O00-O95, O98-O99)***	42	0.7	0.8
Malnutrition (E40-E46)	50	0.4	0.2
Leptospirosis (A27)	46	0.4	0.3
Tuberculosis (A15-A19)	32	0.3	0.2

* Rate per 100 000 population.

** Adjusted rate by a direct method. Model population: Cuba,1981 census.
Cause from brief list: 41.

*** Rate per 100 000 population by sex .

Table 13. Mortality by six broad cause groups by age. 2012

Causes	0-4	5-14	15-39	40-64	65 and over	Total *
Number of deaths						
Diseases of the circulatory system (I00-I99)	22	11	310	5 798	27 925	34 070
Neoplasms (C00-D48)	40	56	487	7 095	15 537	23 216
External causes (V01-Y89)	65	78	1 241	1 875	3 948	7 211
Communicable diseases (A00-B99, G00-G03, J00-J22)	114	18	238	904	5 400	6 676
Certain conditions originating in the perinatal period (P00-P96)	271	3	5	4	-	283
All other diseases (D50-F99, G04-H95, J30-O99, Q00-R99)	234	85	642	3 947	12 998	17 912
Total	746	251	2 923	19 623	65 808	89 368
Rate per 100 000 population						
Diseases of the circulatory system	3.7	0.8	7.8	148.7	1 944.9	302.8
Neoplasms	6.7	4.2	12.3	181.9	1 082.1	206.4
External causes	10.9	5.8	31.3	48.1	275.0	64.1
Communicable diseases	19.0	1.3	6.0	23.2	376.1	59.3
Certain conditions originating in the perinatal period	45.3	0.2	0.1	0.1	-	2.5
All other diseases	39.1	6.3	16.2	101.2	905.3	159.2
Total	124.6	18.6	73.7	503.2	4 583.3	794.4

* Includes deaths at unknown age (17).

Table 14. Selected mortality indicators under- five years of age by sex. Selected years 1970 - 2012

Years	Infant mortality rate *			Under-five mortality rate *			% of surviving children at 5 years of age
	Total	Male	Female	Total	Male	Female	
1970	38.7	42.7	34.4	43.7	47.7	39.6	95.6
1975	27.5	30.2	24.6	32.6	35.6	29.5	96.7
1980	19.6	21.3	17.9	24.2	26.2	22.2	97.6
1990	10.7	12.2	9.1	13.2	14.9	11.4	98.7
1991	10.7	11.5	9.7	13.4	14.7	12.1	98.7
1992	10.2	11.6	8.7	13.1	14.9	11.2	98.7
1993	9.4	10.7	8.0	12.2	13.6	10.6	98.8
1994	9.9	11.0	8.7	12.8	14.3	11.3	98.7
1995	9.4	10.3	8.4	12.5	13.6	11.3	98.8
1996	7.9	8.5	7.2	10.7	11.4	9.8	98.9
1997	7.2	8.0	6.3	9.3	10.4	8.2	99.1
1998	7.1	7.8	6.3	9.2	10.0	8.3	99.1
1999	6.5	7.2	5.7	8.4	9.3	7.5	99.2
2000	7.2	8.4	5.9	9.1	10.5	7.6	99.1
2001	6.2	6.8	5.6	8.0	8.7	7.3	99.2
2002	6.5	7.6	5.4	8.1	9.4	6.8	99.2
2003	6.3	6.6	5.9	8.0	8.4	7.6	99.2
2004	5.8	6.7	4.8	7.7	8.9	6.5	99.2
2005	6.2	6.6	5.7	8.0	8.7	7.3	99.2
2006	5.3	5.7	4.9	7.1	7.5	6.6	99.3
2007	5.3	5.7	4.8	6.7	7.2	6.2	99.3
2008	4.7	5.1	4.3	6.2	6.6	5.7	99.4
2009	4.8	5.2	4.4	6.1	6.8	5.3	99.4
2010	4.5	5.3	3.7	5.7	6.7	4.7	99.4
2011	4.9	5.5	4.3	6.0	6.6	5.4	99.4
2012	4.6	5.2	4.0	5.9	6.6	5.2	99.4

* Rate per 1 000 live births.

Table 15. Leading causes of infant deaths. 2000, 2011 – 2012

Causes	2000	2011	2012
Number of deaths			
Certain perinatal conditions (P00-P96)	447	324	268
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	278	151	152
Influenza and pneumonia (J09-J18)	45	25	31
Unintentional injuries (V01-X59,Y85-Y86)	31	13	20
Septicaemia (A40-A41)	50	10	14
Rate per 1000 live births			
Certain perinatal conditions	3.1	2.4	2.1
Congenital malformations, deformations and chromosomal abnormalities	1.9	1.1	1.2
Influenza and pneumonia	0.3	0.2	0.2
Unintentional injuries	0.2	0.1	0.2
Septicaemia	0.3	0.1	0.1

Table 16. Leading causes of infant deaths by age. (Causes from list 28 of infant deaths). 2012

Causes	< 7 days	7 - 27 days	28 days to 11 months	Total
Number of deaths				
Congenital malformations, deformations and chromosomal abnormalities. (Q00-Q99)	50	32	70	152
Intracranial nontraumatic haemorrhage (P52)	27	23	15	65
Intrauterine hypoxia and birth asphyxia (P20-P21)	26	9	10	45
Septicaemia (A40-A41, P36)	9	19	17	45
Hyaline membrane disease (P220)	30	1	-	31
Influenza and pneumonia (J09-J18)	2	3	26	31
Unintentional injuries (V01-X59, Y85-Y86)	-	2	18	20
Congenital pneumonia (P23)	14	2	2	18
Disorders related to length of gestation and fetal growth (P05-P08)	14	3	-	17
Other conditions originating in the perinatal period (Remainder P00-P96)	5	7	5	17
Bronchopulmonary dysplasia originating in the perinatal period (P271)	-	2	14	16
Meningoencephalitis: bacterial, viral, and unspecified (A83-A87, G00-G04)	-	1	13	14
Pulmonary haemorrhage originating in the perinatal period (P26)	9	3	1	13
Heart diseases (I05-I52)	1	1	11	13
Rate per 1 000 live births				
Congenital malformations, deformations and chromosomal abnormalities.	0.4	0.3	0.6	1.2
Intracranial nontraumatic haemorrhage	0.2	0.2	0.1	0.5
Intrauterine hypoxia and birth asphyxia	0.2	0.1	0.1	0.4
Septicaemia	0.1	0.2	0.1	0.4
Hyaline membrane disease	0.2	0.0	-	0.2
Influenza and pneumonia	0.0	0.0	0.2	0.2
Unintentional injuries	-	0.0	0.1	0.2
Congenital pneumonia	0.1	0.0	0.0	0.1
Disorders related to length of gestation and fetal growth	0.1	0.0	-	0.1
Other conditions originating in the perinatal period	0.0	0.1	0.0	0.1
Bronchopulmonary dysplasia originating in the perinatal period	-	0.0	0.1	0.1
Meningoencephalitis: bacterial, viral, and unspecified	-	0.0	0.1	0.1
Pulmonary haemorrhage originating in the perinatal period	0.1	0.0	0.0	0.1
Heart diseases	0.0	0.0	0.1	0.1

Table 17. Congenital malformations for infant deaths by age. 2012

Causes	< 7 days	7 - 27 days	28 days to 11 months	Total
Number of deaths				
Congenital malformations of the circulatory system (Q20-Q28)	21	24	37	82
Congenital malformations of cardiac chambers and connections (Q20)	4	4	2	10
Congenital malformations of cardiac septa (Q21)	-	-	17	17
Congenital malformations of heart, unspecified (Q249)	6	6	3	15
Congenital malformations of great arteries and veins (Q25-Q26)	6	10	11	27
Congenital malformations of the digestive system (Q38-Q45)	4	1	12	17
Congenital malformations of esophagus (Q39)	4	1	5	10
Congenital absence, atresia and stenosis of intestine (Q41-Q42)	-	-	4	4
Congenital malformations and deformations of the musculoskeletal system (Q65-Q79)	11	3	2	16
Congenital diaphragmatic hernia (Q790)	8	2	-	10
Gastroschisis (Q793)	2	-	-	2
Chromosomal abnormalities (Q90-Q99)	5	1	3	9
Congenital malformations of the nervous system (Q00-Q07)	1	-	5	6
Congenital hydrocephalus (Q03)	1	-	2	3
Congenital malformations of the respiratory system (Q30-Q34)	3	1	1	5
Congenital malformations of the urinary system (Q60-Q64)	1	-	2	3
Other congenital malformations (Q10-Q18, Q35-Q37, Q50-Q56, Q80-Q89)	4	2	8	14
Total	50	32	70	152
Rate per 1 000 live births				
Congenital malformations of the circulatory system	0.2	0.2	0.3	0.7
Congenital malformations of cardiac chambers and connections	0.0	0.0	0.0	0.1
Congenital malformations of cardiac septa	-	-	0.1	0.1
Congenital malformations of heart, unspecified	0.0	0.0	0.0	0.1
Congenital malformations of great arteries and veins	0.0	0.1	0.1	0.2
Congenital malformations of the digestive system	0.0	0.0	0.1	0.1
Congenital malformations of esophagus	0.0	0.0	0.0	0.1
Congenital absence, atresia and stenosis of intestine	-	-	0.0	0.0
Congenital malformations and deformations of the musculoskeletal system	0.1	0.0	0.0	0.1
Congenital diaphragmatic hernia	0.1	0.0	-	0.1
Gastroschisis	0.0	-	-	0.0
Chromosomal abnormalities	0.0	0.0	0.0	0.1
Congenital malformations of the nervous system	0.0	-	0.0	0.0
Congenital hydrocephalus	0.0	-	0.0	0.0
Congenital malformations of the respiratory system	0.0	0.0	0.0	0.0
Congenital malformations of the urinary system	0.0	-	0.0	0.0
Other congenital malformations	0.0	0.0	0.1	0.1
Total	0.4	0.3	0.6	1.2

Table 18. Leading causes of death for children 1 - 4 years of age. 2000, 2011 - 2012

Causes	2000	2011	2012
Number of deaths			
Unintentional injuries (V01-X59, Y85-Y86)	65	26	40
Malignant neoplasms (C00-C97)	33	26	23
Influenza and pneumonia (J09-J18)	22	14	19
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	44	15	16
Bacterial meningitis, except meningococcal meningitis (G00-G03)	13	3	6
Rate per 10 000 population			
Unintentional injuries	1.1	0.6	0.8
Malignant neoplasms	0.5	0.6	0.5
Influenza and pneumonia	0.4	0.3	0.4
Congenital malformations, deformations and chromosomal abnormalities	0.7	0.3	0.3
Bacterial meningitis, except meningococcal meningitis	0.2	0.1	0.1

Table 19. Leading causes of death for children 5 - 14 years of age. 2000, 2011 - 2012

Causes	2000	2011	2012
Number of deaths			
Unintentional injuries (V01-X59, Y85-Y86)	197	47	65
Malignant neoplasms (C00-C97)	84	61	54
Congenital malformations and chromosomal abnormalities (Q00-Q99)	40	11	17
Intentional self-harm (X60-X84, Y870)	7	7	8
Heart diseases (I05-I52)	11	7	6
Influenza and pneumonia (J09-J18)	6	4	6
Rate per 100 000 population			
Unintentional injuries	11.4	3.5	4.8
Malignant neoplasms	4.9	4.6	4.0
Congenital malformations and chromosomal abnormalities	2.3	0.8	1.3
Intentional self-harm	0.4	0.5	0.6
Heart diseases	0.6	0.5	0.4
Influenza and pneumonia	0.3	0.3	0.4

Table 20. Leading causes of death for persons 10 - 19 years of age. 2000, 2011 - 2012

Causes	2000	2011	2012
Number of deaths			
Unintentional injuries (V01-X59, Y85-Y86)	244	109	120
Malignant neoplasms (C00-C97)	81	57	57
Intentional self-harm (X60-X84, Y870)	57	40	40
Assault (X85-Y09, Y871)	32	43	38
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	35	25	20
Rate per 100 000 population			
Unintentional injuries	15.8	7.6	8.3
Malignant neoplasms	5.3	4.0	3.9
Intentional self-harm	3.7	2.8	2.8
Assault	2.1	3.0	2.6
Congenital malformations, deformations and chromosomal abnormalities	2.3	1.7	1.4

Table 21. Leading causes of death for persons 15 - 49 years of age. 2000, 2011 - 2012

Causes	2000	2011	2012
Number of deaths			
Malignant neoplasms (C00-C97)	1 821	1 825	1 826
Heart diseases (I05-I52)	1 171	985	1 007
Unintentional injuries (V01-X59, Y85-Y86)	1 624	972	941
Intentional self-harm (X60-X84, Y870)	967	625	594
Assault (X85-Y09, Y871)	469	414	467
Rate per 100 000 population			
Malignant neoplasms	29.6	30.5	30.4
Heart diseases	19.0	16.4	16.8
Unintentional injuries	26.4	16.2	15.7
Intentional self-harm	15.7	10.4	9.9
Assault	7.6	6.9	7.8

Table 22. Leading causes of death for persons 50 - 64 years of age. 2000, 2011 - 2012

Causes	2000	2011	2012
Number of deaths			
Malignant neoplasms (C00-C97)	4 154	5 334	5 483
Heart diseases (I05-I52)	3 475	3 228	3 298
Cerebrovascular diseases (I60-I69)	1 238	1 081	1 153
Chronic lower respiratory diseases (J40-J47)	395	571	533
Unintentional injuries (V01-X59, Y85-Y86)	576	461	525
Rate per 100 000 population			
Malignant neoplasms	276.7	284.2	295.5
Heart diseases	231.5	172.0	177.8
Cerebrovascular diseases	82.5	57.6	62.1
Chronic lower respiratory diseases	26.3	30.4	28.7
Unintentional injuries	38.4	24.6	28.3

Table 23. Leading causes of death for persons 65 years and over. 2000, 2011 - 2012

Causes	2000	2011	2012
Number of deaths			
Heart diseases (I05-I52)	15 575	18 000	17 905
Malignant neoplasms (C00-C97)	10 318	14 561	15 134
Cerebrovascular diseases (I60-I69)	6 436	7 209	7 366
Influenza y pneumonia (J09-J18)	4 976	4 713	4 908
Unintentional injuries (V01-X59, Y85-Y86)	2 457	3 205	3 195
Rate per 100 000 population			
Heart diseases	1 478.6	1242.4	1 247.0
Malignant neoplasms	979.6	1005.0	1 054.0
Cerebrovascular diseases	611.0	497.6	513.0
Influenza y pneumonia	472.4	325.3	341.8
Unintentional injuries	233.3	221.2	222.5

Table 24. Leading causes of death for persons 60 years of age and over. 2000, 2011 - 2012

Causes	2000	2011	2012
Number of deaths			
Heart diseases (I05-I52)	17 072	19 580	19 437
Malignant neoplasms (C00-C97)	12 015	16 914	17 528
Cerebrovascular diseases (I60-I69)	6 963	7 730	7 905
Influenza y pneumonia (J09-J18)	5 177	4 863	5 103
Unintentional injuries (V01-X59, Y85-Y86)	2 627	3 362	3 373
Rate per 100 000 population			
Heart diseases	1 179.2	972.0	972.9
Malignant neoplasms	829.9	839.6	877.3
Cerebrovascular diseases	480.9	383.7	395.7
Influenza y pneumonia	357.6	241.4	255.4
Unintentional injuries	181.4	166.9	168.8

Table 25. Leading causes of death for persons 60-69 years of age. 2000, 2011 - 2012

Causes	2000	2011	2012
Number of deaths			
Malignant neoplasms (C00-C97)	3 529	5 168	5 325
Heart diseases (I05-I52)	3 398	3 648	3 607
Cerebrovascular diseases (I60-I69)	1 250	1 260	1 282
Chronic lower respiratory diseases (J40-J47)	413	745	666
Influenza y pneumonia (J09-J18)	503	454	493
Rate per 100 000 population			
Malignant neoplasms	483.6	496.7	517.3
Heart diseases	465.6	350.6	350.4
Cerebrovascular diseases	171.3	121.1	124.5
Chronic lower respiratory diseases	56.6	71.6	64.7
Influenza y pneumonia	68.9	43.6	47.9

Table 26. Leading causes of death for persons 70-79 years of age. 2000, 2011 - 2012

Causes	2000	2011	2012
Number of deaths			
Malignant neoplasms (C00-C97)	4 382	5 928	6 017
Heart diseases (I05-I52)	5 366	5 637	5 629
Cerebrovascular diseases (I60-I69)	2 282	2 225	2 412
Influenza y pneumonia (J09-J18)	1 313	1 017	1 108
Chronic lower respiratory diseases (J40-J47)	726	1 073	1 080
Rate per 100 000 population			
Malignant neoplasms	848.7	941.6	970.8
Heart diseases	1 039.3	895.4	908.2
Cerebrovascular diseases	442.0	353.4	389.2
Influenza y pneumonia	254.3	161.5	178.8
Chronic lower respiratory diseases	140.6	170.4	174.2

Table 27. Leading causes of death for persons 80 years of age and over. 2000, 2011 - 2012

Causes	2000	2011	2012
Number of deaths			
Heart diseases (I05-I52)	8 308	10 295	10 201
Malignant neoplasms (C00-C97)	4 104	5 818	6 186
Cerebrovascular diseases (I60-I69)	3 431	4 245	4 211
Influenza y pneumonia (J09-J18)	3 361	3 392	3 502
Unintentional injuries (V01-X59,Y85-Y86)	1 682	2 366	2 306
Rate per 100 000 population			
Heart diseases	4 119.4	2 989.0	2 926.3
Malignant neoplasms	2 034.9	1 689.1	1 774.5
Cerebrovascular diseases	1 701.2	1 232.5	1 208.0
Influenza y pneumonia	1 616.5	984.8	1 004.6
Unintentional injuries	834.0	686.9	661.5

Table 28. Selected malignant neoplasms mortality. 2000, 2011 - 2012

Location	2000	2011	2012
Number of deaths			
Prostate (C61)	1 844	2 624	2 703
Trachea, bronchus and lung (C33-C34)	3 699	4 994	5 097
Breast (C50)	1 012	1 390	1 521
Intestine, except rectum (C17-C18)	1 491	2 019	2 089
Uterus, other and unspecified (C54-C55)	562	571	578
Other neoplasms of lymphatic and haematopoietic tissue (C81-C90, C96)	722	887	945
Cervix uteri (C53)	398	466	442
Stomach (C16)	724	818	846
Larynx (C32)	561	717	837
Esophagus (C15)	393	658	739
Lip, oral cavity and pharynx (C00-C14)	492	757	641
Leukaemia (C91-C95)	491	548	597
Melanoma of skin (C43-C44)	271	422	386
Rectum, rectosigmoid junction and anus (C19-C21)	244	282	332
Bones and connective tissues (C40-C41)	153	184	215
Others	3 369	4 480	4 564
Total	16 426	21 817	22 532
Crude rate per 100 000 population			
Prostate *	33.1	46.7	48.0
Trachea, bronchus and lung	33.2	44.5	45.3
Breast **	18.2	24.8	27.1
Intestine, except rectum	13.4	18.0	18.6
Uterus, other and unspecified **	10.1	10.2	10.3
Other neoplasms of lymphatic and haematopoietic tissue	6.5	7.9	8.4
Cervix uteri **	7.2	8.3	7.9
Stomach	6.5	7.3	7.5
Larynx	5.0	6.4	7.4
Esophagus	3.5	5.9	6.6
Lip, oral cavity and pharynx	4.4	6.7	5.7
Leukaemia	4.4	4.9	5.3
Melanoma of skin	2.4	3.8	3.4
Rectum, rectosigmoid junction and anus	2.2	2.5	3.0
Bones and connective tissues	1.4	1.6	1.9
Others	30.1	39.9	40.6
Total	146.8	194.2	200.3

* Male population.

** Female population.

Table 29. Selected malignant neoplasms mortality by sex. 2012

Location	Male		Female		Mortality sex ratio M/F
	Deaths	Rate	Deaths	Rate	
Trachea, bronchus and lung (C33-C34)	3 269	58.0	1 828	32.5	1.8
Intestine, except rectum (C17-C18)	915	16.2	1 174	20.9	0.8
Larynx (C32)	733	13.0	104	1.9	7.0
Esophagus (C15)	608	10.8	131	2.3	4.6
Urinary tract (C64-C68)	594	10.5	271	4.8	2.2
Other neoplasms of lymphatic and haematopoietic tissue (C81-C90, C96)	538	9.6	407	7.2	1.3
Stomach (C16)	511	9.1	335	6.0	1.5
Lip, oral cavity and pharynx (C00-C14)	504	8.9	137	2.4	3.7
Pancreas (C25)	443	7.9	378	6.7	1.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	338	6.0	332	5.9	1.0
Leukaemia (C91-C95)	314	5.6	283	5.0	1.1
Brain (C71)	317	5.6	275	4.9	1.1
Melanoma of skin (C43-C44)	235	4.2	151	2.7	1.6
Rectum, rectosigmoid junction and anus (C19- C21)	163	2.9	169	3.0	1.0
Bones and connective tissues (C40-C41)	122	2.2	93	1.7	1.3

Rate per 100 000 population by sex.

Table 30. Malignant neoplasms mortality by age. Male sex. 2012

Location	<10	10-19	20-39	40-59	60-79	80 and over	Total
Number of deaths							
Trachea, bronchus and lung (C33-C34)	-	-	11	609	1 926	723	3 269
Prostate (C61)*	-	-	1	86	1 255	1 360	2 703
Intestine, except rectum (C17-C18)	-	-	10	125	482	298	915
Larynx (C32)	-	-	2	201	412	118	733
Esophagus (C15)	-	1	4	211	293	99	608
Urinary tract (C64-C68)	4	-	4	80	305	201	594
Other neoplasms of lymphatic and haematopoietic tissue (C81-C90, C96)	1	10	20	128	298	81	538
Stomach (C16)	-	-	4	102	279	126	511
Lip, oral cavity and pharynx (C00-C14)	1	-	4	167	246	86	504
Pancreas (C25)	-	-	5	97	252	89	443
Liver and intrahepatic bile ducts (C22)	1	1	7	62	181	86	338
Brain (C71)	10	3	22	116	134	32	317
Leukaemia (C91-C95)	19	8	26	66	130	65	314
Melanoma of skin (C43-C44)	-	-	3	44	88	100	235
Rectum, rectosigmoid junction and anus (C19-C21)	-	1	3	21	91	47	163
Bones and connective tissues (C40-C41)	-	7	7	27	58	23	122
Breast (C50)	-	-	1	4	4	2	11
Others	7	5	26	157	315	162	672
Total	43	36	160	2 303	6 749	3 698	12 990
Crude rate per 100 000 male population							
Trachea, bronchus and lung	-	-	0.7	37.0	243.6	474.5	58.0
Prostate	-	-	0.1	5.2	158.8	892.5	48.0
Intestine, except rectum	-	-	0.6	7.6	61.0	195.6	16.2
Larynx	-	-	0.1	12.2	52.1	77.4	13.0
Esophagus	-	0.1	0.2	12.8	37.1	65.0	10.8
Urinary tract	0.6	-	0.2	4.9	38.6	131.9	10.5
Other neoplasms of lymphatic and haematopoietic tissue	0.2	1.3	1.2	7.8	37.7	53.2	9.6
Stomach	-	-	0.2	6.2	35.3	82.7	9.1
Lip, oral cavity and pharynx	0.2	-	0.2	10.1	31.1	56.4	8.9
Pancreas	-	-	0.3	5.9	31.9	58.4	7.9
Liver and intrahepatic bile ducts	0.2	0.1	0.4	3.8	22.9	56.4	6.0
Brain	1.6	0.4	1.3	7.0	17.0	21.0	5.6
Leukaemia	3.0	1.1	1.6	4.0	16.4	42.7	5.6
Melanoma of skin	-	-	0.2	2.7	11.1	65.6	4.2
Rectum, rectosigmoid junction and anus	-	0.1	0.2	1.3	11.5	30.8	2.9
Bones and connective tissues	-	0.9	0.4	1.6	7.3	15.1	2.2
Breast	-	-	0.1	0.2	0.5	1.3	0.2
Others	1.1	0.7	1.6	9.5	39.8	106.3	11.9
Total	6.7	4.8	9.7	139.7	853.8	2 426.8	230.6

* Includes deaths at unknown age (1)

Table 31. Malignant neoplasms mortality by age. Female sex. 2012

Location	<10	10-19	20-39	40-59	60-79	80 and over	Total
Number of deaths							
Trachea, bronchus and lung (C33-C34)	-	-	16	391	1 002	419	1 828
Breast (C50)	-	-	32	450	645	394	1 521
Intestine, except rectum (C17-C18)	-	1	9	131	554	479	1 174
Uterus, other and unspecified (C54-C55)	-	-	17	141	297	123	578
Cervix uteri (C53)	-	-	48	187	155	52	442
Other neoplasms of lymphatic and haematopoietic tissue (C81-C90, C96)	1	2	23	96	211	74	407
Pancreas (C25)	-	-	1	61	207	109	378
Stomach (C16)	-	-	7	57	183	88	335
Liver and intrahepatic bile ducts (C22)	-	-	4	60	186	82	332
Leukaemia (C91-C95)	4	5	29	58	110	77	283
Brain (C71)	6	4	19	92	113	41	275
Urinary tract (C64-C68)	1	-	2	43	132	93	271
Rectum, rectosigmoid junction and anus (C19-C21)	-	-	2	43	78	46	169
Melanoma of skin (C43-C44)	-	1	3	23	48	76	151
Lip, oral cavity and pharynx (C00-C14)	-	-	4	27	63	43	137
Esophagus (C15)	-	-	-	18	72	41	131
Larynx (C32)	-	-	-	22	64	18	104
Bones and connective tissues (C40-C41)	1	7	1	18	41	25	93
Others	5	1	41	246	432	208	933
Total	18	21	258	2 164	4 593	2 488	9 542
Crude rate per 100 000 female population							
Trachea, bronchus and lung	-	-	1.0	23.1	116.7	213.5	32.5
Breast	-	-	2.0	26.6	75.1	200.8	27.1
Intestine, except rectum	-	0.1	0.6	7.8	64.5	244.1	20.9
Uterus, other and unspecified	-	-	1.1	8.3	34.6	62.7	10.3
Cervix uteri	-	-	3.1	11.1	18.0	26.5	7.9
Other neoplasms of lymphatic and haematopoietic tissue	0.2	0.3	1.5	5.7	24.6	37.7	7.2
Pancreas	-	-	0.1	3.6	24.1	55.6	6.7
Stomach	-	-	0.4	3.4	21.3	44.8	6.0
Liver and intrahepatic bile ducts	-	-	0.3	3.6	21.7	41.8	5.9
Leukaemia	0.7	0.7	1.9	3.4	12.8	39.2	5.0
Brain	1.0	0.6	1.2	5.4	13.2	20.9	4.9
Urinary tract	0.2	-	0.1	2.5	15.4	47.4	4.8
Rectum, rectosigmoid junction and anus	-	-	0.1	2.5	9.1	23.4	3.0
Melanoma of skin	-	0.1	0.2	1.4	5.6	38.7	2.7
Lip, oral cavity and pharynx	-	-	0.3	1.6	7.3	21.9	2.4
Esophagus	-	-	-	1.1	8.4	20.9	2.3
Larynx	-	-	-	1.3	7.5	9.2	1.9
Bones and connective tissues	0.2	1.0	0.1	1.1	4.8	12.7	1.7
Others	0.8	0.1	2.6	14.6	50.3	106.0	16.6
Total	3.0	3.0	16.5	128.1	534.8	1 268.0	169.8

Table 32. Heart diseases mortality. 2011 - 2012

Causes	2011	2012
Number of deaths		
Ischaemic heart diseases (I20-I25)	15 370	15 305
Acute myocardial infarction (I21-I22)	6 128	6 382
Other acute ischaemic heart diseases (I24)	673	646
Chronic ischaemic heart disease (I25)	8 541	8 248
Hypertensive diseases (I10-I15)	2 585	2 671
Heart failure (I50)	2 280	2 145
Cardiomyopathy (I42)	608	648
Conduction disorders and cardiac arrhythmias (I44-I45, I47-I49)	559	586
Valve disorders nonrheumatic (I34-I38)	212	230
Chronic rheumatic heart diseases (I05-I09)	171	142
Other forms of heart disease (I26-I28, I30-I33, I39-I41, I43, I46, I51-I52)	452	507
Total	22 237	22 234
Crude rate per 100 000 population		
Ischaemic heart diseases	136.8	136.0
Acute myocardial infarction	54.6	56.7
Other acute ischaemic heart diseases	6.0	5.7
Chronic ischaemic heart disease	76.0	73.3
Hypertensive diseases	23.0	23.7
Heart failure	20.3	19.1
Cardiomyopathy	5.4	5.8
Conduction disorders and cardiac arrhythmias	5.0	5.2
Valve disorders nonrheumatic	1.9	2.0
Chronic rheumatic heart diseases	1.5	1.3
Other forms of heart disease	4.0	4.5
Total	198.0	197.6

Table 33. Heart diseases mortality by age. Male sex. 2012

Causes	<20	20-39	40-59	60-79	80 and over	Total
Number of deaths						
Ischaemic heart diseases (I20-I25)	1	70	1 144	3 757	3 097	8 069
Acute myocardial infarction (I21-I22)	1	58	784	1 922	963	3 728
Other acute ischaemic heart diseases (I24)	-	1	21	140	150	312
Chronic ischaemic heart disease (I25)	-	11	337	1 687	1 979	4 014
Hypertensive diseases (I10-I15)	1	19	235	610	487	1 352
Heart failure (I50)	-	7	65	369	620	1 061
Cardiomyopathy (I42)	8	14	132	191	81	426
Conduction disorders and cardiac arrhythmias (I44-I45, I47-I49) *	1	8	48	133	114	305
Valve disorders nonrheumatic (I34-I38)	1	8	26	68	24	127
Chronic rheumatic heart diseases (I05-I09)	-	7	28	19	8	62
Other forms of heart disease (I26-I28, I30-I33, I39-I41, I43, I46, I51-I52)*	5	11	49	120	74	260
Total	17	144	1 727	5 267	4 505	11 662
Crude rate per 100 000 male population						
Ischaemic heart diseases	0.1	4.2	69.4	475.3	2 032.4	143.3
Acute myocardial infarction	0.1	3.5	47.6	243.1	632.0	66.2
Other acute ischaemic heart diseases	-	0.1	1.3	17.7	98.4	5.5
Chronic ischaemic heart disease	-	0.7	20.4	213.4	1 298.7	71.3
Hypertensive diseases	0.1	1.1	14.3	77.2	319.6	24.0
Heart failure	-	0.4	3.9	46.7	406.9	18.8
Cardiomyopathy	0.6	0.8	8.0	24.2	53.2	7.6
Conduction disorders and cardiac arrhythmias	0.1	0.5	2.9	16.8	74.8	5.4
Valve disorders nonrheumatic	0.1	0.5	1.6	8.6	15.7	2.3
Chronic rheumatic heart diseases	-	0.4	1.7	2.4	5.2	1.1
Other forms of heart disease	0.4	0.7	3.0	15.2	48.6	4.6
Total	1.2	8.7	104.8	666.3	2 956.3	207.1

* Includes deaths at unknown age (1).

Table 34. Heart diseases mortality by age. Female sex. 2012

Causes	<20	20-39	40-59	60-79	80 and over	Total
Number of deaths						
Ischaemic heart diseases (I20-I25)	-	18	489	2 707	4 022	7 236
Acute myocardial infarction (I21-I22)	-	17	307	1 196	1 134	2 654
Other acute ischaemic heart diseases (I24)	-	-	15	117	202	334
Chronic ischaemic heart disease (I25)	-	1	165	1 385	2 683	4 234
Hypertensive diseases (I10-I15)	1	13	141	555	609	1 319
Heart failure (I50)	-	3	50	337	694	1 084
Conduction disorders and cardiac arrhythmias (I44-I45, I47-I49)	3	3	22	101	152	281
Cardiomyopathy (I42)	1	9	39	95	78	222
Valve disorders nonrheumatic (I34-I38)	2	2	22	45	32	103
Chronic rheumatic heart diseases (I05-I09)	2	8	32	32	6	80
Other forms of heart disease (I26-I28, I30-I33, I39-I41, I43, I46, I51-I52)	5	5	37	97	103	247
Total	14	61	832	3 969	5 696	10 572
Crude rate per 100 000 female population						
Ischaemic heart diseases	-	1.1	28.9	315.2	2 049.8	128.8
Acute myocardial infarction	-	1.1	18.2	139.3	577.9	47.2
Other acute ischaemic heart diseases	-	-	0.9	13.6	102.9	5.9
Chronic ischaemic heart disease	-	0.1	9.8	161.3	1 367.3	75.4
Hypertensive diseases	0.1	0.8	8.3	64.6	310.4	23.5
Heart failure	-	0.2	3.0	39.2	353.7	19.3
Conduction disorders and cardiac arrhythmias	0.2	0.2	1.3	11.8	77.5	5.0
Cardiomyopathy	0.1	0.6	2.3	11.1	39.8	4.0
Valve disorders nonrheumatic	0.2	0.1	1.3	5.2	16.3	1.8
Chronic rheumatic heart diseases	0.2	0.5	1.9	3.7	3.1	1.4
Other forms of heart disease	0.4	0.3	2.2	11.3	52.5	4.4
Total	1.1	3.9	49.2	462.2	2 902.9	188.2

Table 35. Cerebrovascular diseases mortality by age. Male sex. 2012

Causes	<20	20-39	40-59	60-79	80 and over	Total
Number of deaths						
Cerebrovascular diseases (I60-I69)	10	45	508	1989	1 854	4 408
Occlusion (I63)	2	10	121	743	805	1 681
Haemorrhage (I60-I62)*	8	33	337	702	379	1 461
Other cerebrovascular diseases (I64,I67)	-	2	25	263	328	618
Sequelae of cerebrovascular disease (I69)	-	-	25	281	342	648
Crude rate per 100 000 male population						
Cerebrovascular diseases	0.7	2.7	30.8	251.6	1 216.7	78.3
Occlusion	0.1	0.6	7.3	94.0	528.3	29.8
Haemorrhage	0.6	2.0	20.4	88.8	248.7	25.9
Other cerebrovascular diseases	-	0.1	1.5	33.3	215.2	11.0
Sequelae of cerebrovascular disease	-	-	1.5	35.5	224.4	11.5

* Includes deaths of unknown age (2)

Table 36. Cerebrovascular diseases mortality by age. Female sex. 2012

Causes	<20	20-39	40-59	60-79	80 and over	Total
Number of deaths						
Cerebrovascular diseases (I60-I69)	5	31	385	1 705	2 357	4 483
Occlusion (I63)	1	2	77	664	1 043	1 787
Haemorrhage (I60-I62)	4	28	271	594	450	1 347
Other cerebrovascular diseases (I64,I67)	-	1	18	225	471	715
Sequelae of cerebrovascular disease (I69)	-	-	19	222	393	634
Crude rate per 100 000 female population						
Cerebrovascular diseases	0.4	2.0	22.8	198.5	1 201.2	79.8
Occlusion	0.1	0.1	4.6	77.3	531.5	31.8
Haemorrhage	0.3	1.8	16.0	69.2	229.3	24.0
Other cerebrovascular diseases	-	0.1	1.1	26.2	240.0	12.7
Sequelae of cerebrovascular disease	-	-	1.1	25.8	200.3	11.3

Table 37. Unintentional injuries mortality. Selected causes. 2000, 2011 – 2012

Causes	2000	2011	2012
Number of deaths			
Accidental falls *	1 767	2 052	2 027
Motor vehicle accidents	1 543	798	854
Accidental drowning and submersion	272	220	207
Exposure to electric current	149	94	112
Other transport accidents	161	112	97
Accidental poisoning	29	97	83
Exposure to smoke, fire and flames	85	34	48
Crude rate per 100 000 population			
Accidental falls	15.8	18.3	18.0
Motor vehicle accidents	13.7	7.1	7.6
Accidental drowning and submersion	2.4	2.0	1.8
Exposure to electric current	1.3	0.8	1.0
Other transport accidents	1.4	1.0	0.9
Accidental poisoning	0.2	0.9	0.7
Exposure to smoke, fire and flames	0.8	0.3	0.4

* Exclude sequelae of accidental falls.

Table 38. Unintentional injuries mortality. Selected causes by age. Male sex. 2012

Causes	<10	10-19	20-39	40-59	60-79	80 and over	Total*
Number of deaths							
Falls (W00-W19)*	6	6	35	105	267	519	938
Transport accidents (V01-V99)**	12	34	224	287	170	44	774
Motor vehicle accidents **	12	32	205	253	147	38	690
Other transport accidents	-	2	19	34	23	6	84
Pedestrian injured in transport accident (V01-V09)***	6	12	41	104	84	33	282
Pedal cyclist injured in transport accident (V10-V19)	1	6	31	37	29	3	107
Accidental drowning and submersion (W65-W74)	15	29	55	53	34	3	189
Exposure to electric current (W85-W87)	2	10	37	36	13	3	101
Accidental poisoning (X40-X49)	3	-	10	42	15	2	72
Exposure to smoke, fire and flames (X00-X09)	-	4	3	11	9	6	33
Other accidents (W20-W64,W75-W84,W88-W99,X10-X39,X50-X59)	17	9	40	80	60	28	234
Crude rate per 100 000 male population							
Falls	0.9	0.8	2.1	6.4	33.8	340.6	16.7
Transport accidents	1.9	4.6	13.5	17.4	21.5	28.9	13.7
Motor vehicle accidents	1.9	4.3	12.4	15.4	18.6	24.9	12.3
Other transport accidents	-	0.3	1.1	2.1	2.9	3.9	1.5
Pedestrian injured in transport accident	0.9	1.6	2.5	6.3	10.6	21.7	5.0
Pedal cyclist injured in transport accident	0.2	0.8	1.9	2.2	3.7	2.0	1.9
Accidental drowning and submersion	2.3	3.9	3.3	3.2	4.3	2.0	3.4
Exposure to electric current	0.3	1.3	2.2	2.2	1.6	2.0	1.8
Accidental poisoning	0.5	-	0.6	2.5	1.9	1.3	1.3
Exposure to smoke, fire and flames	-	0.5	0.2	0.7	1.1	3.9	0.6
Other accidents	2.7	1.2	2.4	4.9	7.6	18.4	4.2

* Exclude sequelae of accidental falls

** Include death of unknown age (3)

*** Include death of unknown age (2)

Table 39. Unintentional injuries mortality. Selected causes by age. Female sex. 2012

Causes	<10	10-19	20-39	40-59	60-79	80 and over	Total
Number of deaths							
Falls (W00-W19)*	3	-	1	23	261	801	1 089
Transport accidents (V01-V99)	7	15	46	56	44	9	177
Motor vehicle accidents	7	14	42	53	40	8	164
Other transport accidents	-	1	4	3	4	1	13
Pedestrian injured in transport accident (V01-V09)	-	7	10	23	28	6	74
Pedal cyclist injured in transport accident (V10-V19)	1	1	4	2	1	-	9
Accidental drowning and submersion (W65-W74)	6	7	2	2	1	-	18
Exposure to smoke, fire and flames (X00-X09)	1	-	2	2	9	1	15
Accidental poisoning (X40-X49)	2	-	3	5	-	1	11
Exposure to electric current (W85-W87)	1	-	4	6	-	-	11
Other accidents (W20-W64,W75-W84,W88-W99,X10-X39,X50-X59)	10	6	8	18	23	31	96
Crude rate per 100 000 female population							
Falls	0.5	-	0.1	1.4	30.4	408.2	19.4
Transport accidents	1.2	2.1	2.9	3.3	5.1	4.6	3.2
Motor vehicle accidents	1.2	2.0	2.7	3.1	4.7	4.1	2.9
Other transport accidents	-	0.1	0.3	0.2	0.5	0.5	0.2
Pedestrian injured in transport accident	-	1.0	0.6	1.4	3.3	3.1	1.3
Pedal cyclist injured in transport accident	0.2	0.1	0.3	0.1	0.1	-	0.2
Accidental drowning and submersion	1.0	1.0	0.1	0.1	0.1	-	0.3
Exposure to smoke, fire and flames	0.2	-	0.1	0.1	1.0	0.5	0.3
Accidental poisoning	0.3	-	0.2	0.3	-	0.5	0.2
Exposure to electric current	0.2	-	0.3	0.4	-	-	0.2
Other accidents	1.7	0.9	0.5	1.1	2.7	15.8	1.7

* Exclude sequelae of accidental falls.

Table 40. Infectious and parasitic diseases mortality. (A00-B99). Selected years 1970 – 2012

Years	Deaths	Crude rate per 100 000 pop.	% of all deaths
1970	3 886	45.4	7.2
1975	1 576	17.0	3.1
1980	986	10.1	1.8
1981	1 242	12.7	2.1
1982	1 112	11.3	2.0
1983	1 108	11.2	1.9
1984	942	9.5	1.6
1985	1 144	11.4	1.8
1986	880	8.7	1.4
1987	930	9.0	1.4
1988	921	8.8	1.4
1989	876	8.3	1.3
1990	1 021	9.6	1.4
1991	1 077	10.1	1.5
1992	1 155	10.7	1.5
1993	1 564	14.3	2.0
1994	1 546	14.1	2.0
1995	1 486	13.5	1.9
1996	1 262	11.5	1.6
1997	1 161	10.5	1.5
1998	986	8.9	1.3
1999	978	8.8	1.2
2000	745	6.6	1.0
2001	773	6.8	1.0
2002	725	6.4	1.0
2003	735	6.4	0.9
2004	748	6.7	0.9
2005	889	7.9	1.0
2006	812	7.2	1.0
2007	793	7.1	1.0
2008	766	6.8	0.9
2009	749	6.7	0.9
2010	895	8.0	1.0
2011	873	7.8	1.0
2012	993	8.8	1.1

Note: Include AIDS.

Table 41. Intestinal infectious diseases mortality (A00-A09). 1980 – 2012

Years	Deaths	Rate *	% of all deaths	% of all deaths from infectious and parasitic diseases
1980	316	3.2	0.6	32.0
1981	350	3.6	0.6	28.2
1982	399	4.1	0.7	35.9
1983	410	4.2	0.7	37.0
1984	302	3.0	0.5	32.1
1985	480	4.8	0.7	42.0
1986	313	3.1	0.5	35.6
1987	398	3.9	0.6	42.8
1988	361	3.5	0.5	39.2
1989	317	3.0	0.5	36.2
1990	429	4.0	0.6	42.0
1991	492	4.6	0.7	45.7
1992	530	4.9	0.7	45.9
1993	823	7.5	1.0	52.6
1994	799	7.3	1.0	51.7
1995	707	6.4	0.9	47.6
1996	617	5.6	0.8	48.9
1997	521	4.7	0.7	44.9
1998	487	4.4	0.6	49.4
1999	416	3.7	0.5	42.5
2000	264	2.4	0.3	35.4
2001	266	2.4	0.3	34.4
2002	253	2.2	0.3	34.9
2003	227	2.0	0.3	30.9
2004	241	2.1	0.3	32.5
2005	332	2.9	0.4	37.3
2006	239	2.1	0.3	29.4
2007	205	1.8	0.3	25.9
2008	207	1.8	0.2	27.0
2009	201	1.8	0.2	26.8
2010	265	2.4	0.3	29.6
2011	257	2.3	0.3	29.4
2012	281	2.5	0.3	28.3

* Crude rate per 100 000 population.

Table 42. Maternal mortality. 2010 – 2012

Causes	Number of deaths			Ratio per 100 000 live births		
	2010	2011	2012	2010	2011	2012
Direct obstetric deaths	38	42	27	29.7	31.6	21.5
Ectopic pregnancy (O00)	4	4	7	3.1	3.0	5.6
Pregnancy with abortive outcome, excludes ectopic pregnancy (O01-O08)	3	2	2	2.3	1.5	1.6
Complications predominantly related to the puerperium (O85-O92)	12	13	4	9.4	9.8	3.2
Obstetric embolism (O88)	2	6	1	1.6	4.5	0.8
Puerperal infections (O85-O86)	7	6	2	5.5	4.5	1.6
Complications of labour and delivery (O60-O66, O68-O71, O73-O75)	4	7	1	3.1	5.3	0.8
Placental disorders (O43-O45)	-	1	6	-	0.8	4.8
Other haemorrhages (O20, O46, O67, O72)	8	10	2	6.3	7.5	1.6
Hypertensive disorders (O11-O16)	2	3	4	1.6	2.3	3.2
Other complications (Remainder of O21-O23, O26, O29-O42, O47- O48, O95, A34, C58)	5	2	1	3.9	1.5	0.8
Indirect obstetric deaths	17	12	15	13.3	9.0	11.9
Diseases of the circulatory system (O99.4)	2	1	8	1.6	0.8	6.4
Anaemia (O99.0)	5	1	1	3.9	0.8	0.8
Infectious and parasitic diseases (O98)	-	2	1	-	1.5	0.8
Diseases of the respiratory system complicating pregnancy, childbirth and the puerperium (O99.5)	7	2	3	5.5	1.5	2.4
Other diseases (Remainder of O10, O24-O25, O28, O99.1-O99.3, O99.6-O99.8, E23.0, M83.0, F53)	3	6	2	2.3	4.5	1.6
Maternal mortality	55	54	42	43.1	40.6	33.4

Note: Maternal mortality: Include direct and indirect causes.

Table 43. Mortality related to pregnancy, childbirth and the puerperium. 2010 – 2012

Causes	Number of deaths			Ratio per 100 000 live births		
	2010	2011	2012	2010	2011	2012
Direct obstetric deaths	38	42	27	29.7	31.6	21.5
Indirect obstetric deaths	17	12	15	13.3	9.0	11.9
Other causes	3	5	7	2.3	3.8	5.6
Malignant neoplasms (C00-C97)	1	-	1	0.8	-	0.8
Disease of the respiratory system (J00-J99)	1	-	2	0.8	-	1.6
Assault (X85-Y09)	1	-	1	0.8	-	0.8
Mortality related to pregnancy, childbirth and the puerperium	58	59	49	45.4	44.3	39.0
Late maternal death	3	5	6	2.3	3.8	4.8
Death from sequelae of direct obstetric causes	3	3	5	2.3	2.3	4.0

Definitions:

- **Mortality related to pregnancy, childbirth and the puerperium:** A pregnancy-related death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the cause of death.
- **Late maternal death:** A late maternal death is the death of a woman from direct or indirect obstetric causes more than 42 days but less than one year after termination of pregnancy.
- **Death from sequelae of direct obstetric causes:** Death from any direct obstetric cause occurring one year or more after termination of pregnancy.

Table 44. Mortality from selected notifiable diseases. 1970, 1980, 2000, 2011 - 2012

Causes	1970	1980	2000	2011	2012
Number of deaths					
Typhoid fever (A010)	2	1	2	-	-
Tuberculosis (A15-A19)	622	135	44	36	32
Diphtheria (A36)	1	-	-	-	-
Tetanus (A33-A35)	81	13	1	-	2
Acute poliomyelitis (A80)	-	-	-	-	-
Measles (B05)	43	3	-	-	-
Malaria (B50-B54) *	-	1	-	-	1
Syphilis (A50-A53)	24	3	1	1	1
Whooping cough (A37)	28	2	-	-	-
Crude rate per 100 000 population					
Typhoid fever	0.0	0.0	0.0	-	-
Tuberculosis	7.3	1.4	0.4	0.3	0.3
Diphtheria	0.0	-	-	-	-
Tetanus	0.9	0.1	0.0	-	0.0
Acute poliomyelitis	-	-	-	-	-
Measles	0.5	0.0	-	-	-
Malaria	-	0.0	-	-	0.0
Syphilis	0.3	0.0	0.0	0.0	0.0
Whooping cough	0.3	0.0	-	-	-

* Imported and introduced cases.

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Table 45. Incidence of selected notifiable diseases by sex. 2000, 2011 – 2012

Diseases	2000			2011			2012		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Typhoid fever	37	25	12	1	-	1	2	2	-
Tuberculosis	1 133	880	253	748	555	193	688	516	172
Tuberculosis of meninges	2	-	2	1	1	-	-	-	-
Leprosy	278	145	133	254	142	112	258	154	104
Diphtheria	-	-	-	-	-	-	-	-	-
Whooping cough	-	-	-	-	-	-	-	-	-
Tetanus	1	1	-	1	1	-	3	3	-
Infant tetanus	-	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-
Rabies	1	1	-	-	-	-	-	-	-
Malaria *	38	25	13	6	2	4	18	14	4
Meningococcal meningitis	41	25	16	11	6	5	9	5	4
Gonorrhoea	19 067	13 848	5 219	5 190	3 434	1 756	5 380	3 634	1 746
Syphilis	9 199	4 734	4 465	1 662	1 074	588	2 636	1 734	902
AIDS	258	198	60	687	580	107	346	290	56
Poliomyelitis	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-
Mumps	-	-	-	-	-	-	-	-	-
Leptospirosis	554	459	95	320	281	39	227	200	27
Haemophilus meningitis	35	24	11	9	7	2	6	3	3
Pneumococcal meningitis	188	104	84	93	55	38	82	50	32
Incidence rate per 100 000 population									
Typhoid fever	0.3	0.4	0.2	0.0	-	0.0	0.0	0.0	-
Tuberculosis	10.1	15.8	4.6	6.7	9.9	3.4	6.1	9.2	3.1
Tuberculosis of meninges	0.0	-	0.0	0.0	0.0	-	-	-	-
Leprosy	2.5	2.6	2.4	2.3	2.5	2.0	2.3	2.7	1.9
Diphtheria	-	-	-	-	-	-	-	-	-
Whooping cough	-	-	-	-	-	-	-	-	-
Tetanus	0.0	0.0	-	0.0	0.0	-	0.0	0.1	-
Infant tetanus	-	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-
Rabies	0.0	0.0	-	-	-	-	-	-	-
Malaria	0.3	0.4	0.2	0.1	0.0	0.1	0.2	0.2	0.1
Meningococcal meningitis	0.4	0.4	0.3	0.1	0.1	0.1	0.1	0.1	0.1
Gonorrhoea	170.4	248.6	93.9	46.2	61.1	31.3	47.8	64.5	31.1
Syphilis	82.2	85.0	80.3	14.8	19.1	10.5	23.4	30.8	16.1
AIDS **	23.2	35.6	10.8	61.2	103.1	19.1	30.8	51.5	10.0
Poliomyelitis	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-
Mumps	-	-	-	-	-	-	-	-	-
Leptospirosis	5.0	8.2	1.7	2.8	5.0	0.7	2.0	3.6	0.5
Haemophilus meningitis	0.3	0.4	0.2	0.1	0.1	0.0	0.1	0.1	0.1
Pneumococcal meningitis	1.7	1.9	1.5	0.8	1.0	0.7	0.7	0.9	0.6

* Imported and introduced cases.

** Rate per 1 000 000 population of the age.

Table 46. Incidence of selected notifiable diseases by age. 2012

Diseases	< 1 year	1 – 14 years	15 years and over	Total
Cases				
Typhoid fever	-	1	1	2
Meningococcal meningitis	4	3	2	9
Meningococcaemia	-	-	1	1
Measles	-	-	-	-
Rubella	-	-	-	-
Chickenpox	410	12 508	6 193	19 111
Viral hepatitis	3	99	611	713
Mumps	-	-	-	-
Infectious mononucleosis	5	177	34	216
Whooping cough	-	-	-	-
Tetanus	-	1	2	3
Tuberculosis	2	16	670	688
Incidence rate per 100 000 population				
Typhoid fever	-	0.1	0.0	0.0
Meningococcal meningitis	3.1	0.2	0.0	0.1
Meningococcaemia	-	-	0.0	0.0
Measles	-	-	-	-
Rubella	-	-	-	-
Chickenpox	322.3	687.0	66.6	169.9
Viral hepatitis	2.4	5.4	6.6	6.3
Mumps	-	-	-	-
Infectious mononucleosis	3.9	9.7	0.4	1.9
Whooping cough	-	-	-	-
Tetanus	-	0.1	0.0	0.0
Tuberculosis	1.6	0.9	7.2	6.1

Table 47. Meningococcal infection incidence and mortality. 1980, 1985 – 2012

Years	Incidence		Mortality	
	Cases	Rate	Deaths	Rate
1980	556	5.7	118	1.2
1985	1 280	12.7	211	2.1
1986	1 099	10.8	198	1.9
1987	875	8.5	157	1.5
1988	795	7.6	169	1.6
1989	604	5.7	130	1.2
1990	449	4.2	118	1.1
1991	252	2.4	70	0.7
1992	142	1.3	40	0.4
1993	103	0.9	32	0.3
1994	73	0.7	27	0.2
1995	64	0.6	20	0.2
1996	75	0.7	18	0.2
1997	64	0.6	11	0.1
1998	51	0.5	7	0.1
1999	71	0.6	21	0.2
2000	56	0.5	8	0.1
2001	44	0.4	6	0.1
2002	37	0.3	5	0.0
2003	34	0.3	7	0.1
2004	34	0.3	8	0.1
2005	28	0.2	11	0.1
2006	27	0.2	4	0.0
2007	18	0.2	5	0.0
2008	13	0.1	2	0.0
2009	16	0.1	2	0.0
2010	16	0.1	6	0.1
2011	13	0.1	2	0.0
2012	10	0.1	1	0.0

Crude rate per 100 000 population.
 Include meningococcal meningitis and meningococcaemia

Table 48. Incidence of tuberculosis by age and location. 1990, 2000, 2011- 2012

Age	Location	1990		2000		2011		2012	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate
< 15 years	Total	9	0.3	16	0.6	13	0.7	18	0.9
	Pulmonary	6	0.2	11	0.4	12	0.6	15	0.8
	Extrapulmonary	3	0.1	5	0.2	1	0.1	3	0.2
15 – 64	Total	370	5.1	929	12.1	579	7.4	558	7.1
	Pulmonary	329	4.5	750	9.8	502	6.4	469	6.0
	Extrapulmonary	41	0.6	179	2.3	77	1.0	89	1.1
65 and over	Total	167	18.5	187	17.8	156	10.8	112	7.8
	Pulmonary	158	17.5	170	16.1	146	10.1	92	6.4
	Extrapulmonary	9	0.9	17	1.6	10	0.7	20	1.4
Total*	Total	546	5.1	1 133	10.1	748	6.7	688	6.1
	Pulmonary	493	4.6	932	8.3	660	5.9	576	5.1
	Extrapulmonary	53	0.4	201	1.8	88	0.8	112	1.0

* include one case of unknown age
Rate per 100 000 population

Table 49. Incidence of leprosy by age and clinical type. 1990, 2000, 2011- 2012

Age	Clinical type	1990		2000		2011		2012	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate
< 15 years	Total	4	0.1	5	0.2	10	0.5	9	0.5
	Undetermined	2	0.0	2	0.1	2	0.1	7	0.4
	Dimorphous	1	0.0	2	0.1	2	0.1	0	0.0
	Tuberculoid	-	-	1	0.0	2	0.1	1	0.1
	Lepromatous	1	0.0	-	-	4	0.2	1	0.1
15 years and over	Total	306	3.7	273	3.1	244	2.6	249	2.7
	Undetermined	74	0.9	51	0.6	56	0.6	44	0.5
	Dimorphous	68	0.8	94	1.1	88	0.9	81	0.9
	Tuberculoid	58	0.7	50	0.6	20	0.2	36	0.4
	Lepromatous	106	1.2	78	0.9	80	0.9	88	0.9
Total	Total	310	2.9	278	2.5	254	2.3	258	2.3
	Undetermined	76	0.7	53	0.5	58	0.5	51	0.5
	Dimorphous	69	0.6	96	0.9	90	0.8	81	0.7
	Tuberculoid	58	0.5	51	0.5	22	0.2	37	0.3
	Lepromatous	107	1.0	78	0.7	84	0.7	89	0.8

Rate per 100 000 population.

Table 50. Consultations for acute diarrhoea and respiratory diseases by age. 2012

Age	Acute diarrhoea		Acute respiratory	
	Cases	Rate	Cases	Rate
< 1	82 445	648.1	408 808	3 213.5
1 – 4	134 362	285.1	1 327 574	2 816.6
5 – 9	55 074	85.5	827 057	1 283.3
10 – 14	48 091	68.2	614 468	871.8
15 – 24	80 981	51.4	748 351	474.7
25 – 59	203 874	35.6	1 703 278	297.4
60 – 64	30 385	54.1	218 835	389.3
65 and over	70 040	48.8	480 314	334.5
Total *	705 310	62.7	6 328 726	562.6

* Include cases of unknown age, 58 cases in acute diarrhoea and 41 cases in acute respiratory

Rate per 1 000 population.

Table 51. Women screened for detection of cervix cancer. 1970 – 2012

Years	Women screened	Rate	Years	Women screened	Rate
1970	176 307	78.5	1992	942 368	253.4
1971	284 382	124.4	1993	1 022 053	269.4
1972	362 802	155.2	1994	1 053 717	272.6
1973	391 418	164.2	1995	1 076 858	276.6
1974	435 080	177.9	1996	1 023 903	260.9
1975	432 093	172.8	1997	354 085	100.3
1976	412 225	162.2	1998	812 212	230.3
1977	404 585	156.8	1999	908 509	257.0
1978	395 889	150.4	2000	470 082	132.4
1979	395 066	147.1	2001	718 717	195.3
1980	426 186	156.4	2002	840 182	226.5
1981	428 001	151.7	2003	547 584	145.5
1982	482 445	170.9	2004	629 392	166.8
1983	523 457	174.0	2005	682 232	179.0
1984	533 806	173.1	2006	571 203	151.2
1985	550 951	176.2	2007	764 405	199.2
1986	637 867	197.9	2008	709 700	183.9
1987	710 255	218.9	2009	598 379	156.0
1988	788 170	232.0	2010	759 206	196.8
1989	907 921	261.0	2011	746 982	190.6
1990	904 709	254.5	2012	692 423	177.2
1991	994 020	273.8			

Rate per 1 000 women of 20 years of age and over.

As of this 1997, the rate is estimated per 1000 women of 25 years of age and over and re-evaluation period changed to 3 years.

Table 52. Women screened for detection of cervix cancer by age. 2011 – 2012

Age	2011		2012	
	Number	Rate	Number	Rate
25 – 29	123 273	345.2	129 604	372.1
30 – 34	88 533	273.0	86 583	257.7
35 – 39	121 068	260.0	106 887	223.4
40 and over	414 108	149.4	369 349	134.6
Total	746 982	190.6	692 423	177.2

Rate per 1 000 women by age.

Table 53. Number of cases of cervix cancer by clinical stage. 1990 – 2012

Year	Clinical stage					Total *
	0	I	II	III	IV	
1990	989	107	23	4	-	1 123
1991	1 031	143	6	3	-	1 183
1992	1 204	131	12	1	1	1 349
1993	801	74	7	3	-	885
1994	716	84	6	3	1	810
1995	888	84	10	-	-	982
1996	1 055	134	13	2	-	1 204
1997	1 008	168	17	12	-	1 205
1998	928	188	21	12	-	1 149
1999	1 061	226	49	6	1	1 343
2000	1 171	171	42	2	-	1 386
2001	987	190	40	16	-	1 233
2002	1 173	222	32	29	3	1 459
2003	1 338	234	66	15	4	1 657
2004	1 114	152	22	5	2	1 295
2005	997	176	34	10	-	1 217
2006	952	117	15	11	-	1 095
2007	1 068	157	28	8	1	1 262
2008	1 133	160	45	10	2	1 350
2009	1 328	194	91	26	6	1 645
2010	954	196	79	31	3	1 263
2011	1 060	163	76	23	12	1 334
2012	941	260	130	78	6	1 415
Percentage of total						
1990	88.1	9.5	2.0	0.4	-	100.0
1991	87.2	12.1	0.5	0.3	-	100.0
1992	89.2	9.7	0.9	0.1	0.1	100.0
1993	90.5	8.4	0.8	0.3	-	100.0
1994	88.4	10.4	0.7	0.4	0.1	100.0
1995	90.4	8.6	1.0	-	-	100.0
1996	87.6	11.1	1.1	0.2	-	100.0
1997	83.7	13.9	1.4	1.0	-	100.0
1998	80.8	16.4	1.8	1.0	-	100.0
1999	79.1	16.7	3.7	0.4	0.0	100.0
2000	84.5	12.3	3.0	0.1	-	100.0
2001	80.0	15.4	3.2	1.3	-	100.0
2002	80.4	15.2	2.1	1.9	0.2	100.0
2003	80.7	14.1	4.0	1.0	0.2	100.0
2004	86.0	11.7	1.7	0.4	0.2	100.0
2005	81.9	14.5	2.8	0.8	-	100.0
2006	86.9	10.7	1.4	1.0	-	100.0
2007	84.6	12.4	2.2	0.6	0.1	100.0
2008	83.9	11.9	3.3	0.7	0.1	100.0
2009	80.7	11.8	5.5	1.6	0.4	100.0
2010	75.5	15.5	6.3	2.5	0.2	100.0
2011	79.5	12.2	5.7	1.7	0.9	100.0
2012	66.5	18.4	9.2	5.5	0.4	100.0

* Include cases of unknown clinical stage.

Table 54. Incidence of cancer by sex and leading locations. 2009

MALE

Location	No.	Crude rate	Adjusted rate *
Skin	3 518	62.5	42.2
Bronchus, lung	3 019	53.7	36.9
Prostate	2 638	46.9	28.4
Larynx	872	15.5	11.6
Lip, oral cavity and pharynx	825	14.7	10.6
Colon	774	13.8	9.0
Bladder	649	11.5	7.6
Lymphoma	467	8.3	6.5
- Non - Hodgkin	331	5.9	4.7
- Hodgkin	109	1.9	1.5
- Other unspecified	27	0.5	0.4
Esophagus	439	7.8	5.7
Stomach	421	7.5	5.0
Total **	16 528	293.7	200.7

FEMALE

Location	No.	Crude rate	Adjusted rate *
Breast	3 079	54.9	37.1
Skin	2 838	50.6	31.3
Bronchus, lung	1 611	28.7	18.5
Cervix uteri	1 527	27.2	18.9
Colon	1 103	19.7	11.2
Corpus uteri	545	9.7	6.7
Ovary	421	7.5	5.4
Leukemia	328	5.8	4.4
Lymphoma	326	5.8	4.1
- Non - Hodgkin	228	4.1	3.0
- Hodgkin	92	1.6	1.1
- Other unspecified	6	0.1	0.1
Thyroid gland	313	5.6	4.1
Total **	15 339	273.3	178.4

* For the world population.

** Includes the rest of locations.

Rate per 100 000 population.

Source: National Cancer Registry. National Center for Cancer Control.

Table 55. Incidence of cancer in population under 20 years of age by diagnostics group and age. 2009

Diagnostics group	<1		1-4		5-9		10-14	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
I. Leukemia	4	35.8	30	61.3	15	21.2	20	28.2
-Lymphoid	1	8.9	16	32.7	6	8.5	11	15.5
-Acute non lymphocytic	1	8.9	7	14.3	5	7.1	4	5.6
-Chronic myeloid	-	-	1	2.0	-	-	-	-
-Other unspecified	2	17.9	6	12.3	4	5.7	5	7.0
II. Lymphoma and reticuloendotheliosis	-	-	7	14.3	4	5.7	9	12.7
-Hodgkin	-	-	1	2.0	2	2.8	2	2.8
-Non - Hodgkin	-	-	6	12.3	2	2.8	6	8.4
-Other unspecified	-	-	-	-	-	-	1	1.4
III. Central nervous system	1	8.9	9	18.4	11	15.6	16	22.5
-Ependymoma	-	-	-	-	-	-	-	-
-Astrocytoma	-	-	4	8.2	1	1.4	5	7.0
-Other gliomas	-	-	-	-	2	2.8	3	4.2
-Other unspecified	1	8.9	5	10.2	8	11.3	8	11.3
IV. Sympathetic Nervous System	1	8.9	5	10.2	-	-	1	1.4
-Neuroblastoma	1	8.9	4	8.2	-	-	-	-
- Ganglioneuroblastoma	-	-	1	2.0	-	-	1	1.4
V. Retinoblastomas	4	35.8	3	6.1	-	-	-	-
VI. Kidney	3	26.8	7	14.3	2	2.8	1	1.4
-Wilms tumor	1	8.9	6	12.3	-	-	1	1.4
-Other unspecified	2	17.9	1	2.0	2	2.8	-	-
VII. Hepatic tumors	-	-	1	2.0	-	-	-	-
-Hepatoblastoma	-	-	1	2.0	-	-	-	-
VIII. Bone tumors	-	-	6	12.3	2	2.8	6	8.4
-Osteosarcoma	-	-	-	-	-	-	4	5.6
-Ewing's Sarcoma	-	-	1	2.0	1	1.4	1	1.4
-Other unspecified	-	-	5	10.2	1	1.4	1	1.4
IX. Sarcoma of soft tissue	-	-	1	2.0	3	4.2	-	-
X. Germ cells tumors, trophoblastic and other tumors	-	-	2	4.1	-	-	4	5.6
XI. Carcinoma and other epithelial malignat tumors	-	-	3	6.1	1	1.4	3	4.2
-Malignant melanoma of skin	-	-	1	2.0	-	-	-	-
-Carcinoma of skin	-	-	2	4.1	1	1.4	2	2.8
-Carcinoma of thyroid	-	-	-	-	-	-	-	-
- Carcinoma of nasopharynx	-	-	-	-	-	-	1	1.4
XII. Other tumors unspecified	3	26.8	5	10.2	9	12.7	11	15.5
Total	16	143.0	79	161.4	47	66.5	71	100.0

Rate per 100 000 population.

Source: National Cancer Registry. National Center for Cancer Control.

Table 55. Incidence of cancer in population under 20 years of age by diagnostics group and age. 2009 (Continued)

Diagnostics group	15-19		<15		<20		AR**
	No.	Rate	No.	Rate	No.	Rate	
I. Leukemia	9	10.6	69	34.2	78	27.2	30.9
-Lymphoid	3	3.5	34	16.8	37	12.9	14.8
-Acute non lymphocytic	4	4.7	17	8.4	21	7.3	8.1
-Chronic myeloid	-	-	1	0.5	1	0.3	0.5
-Other unspecified	2	2.4	17	8.4	19	6.6	7.6
II. Lymphoma and reticuloendotheliosis	17	20.1	20	9.9	37	12.9	12.2
-Hodgkin	7	8.3	5	2.5	12	4.2	3.7
-Non - Hodgkin	9	10.6	14	6.9	23	8.0	7.9
-Other unspecified	1	1.2	1	0.5	2	0.7	0.6
III. Central nervous system	9	10.6	37	18.3	46	16.1	16.3
-Ependymoma	2	2.4	-	-	2	0.7	0.5
-Astrocytoma	1	1.2	10	5.0	11	3.8	4.2
-Other gliomas	1	1.2	5	2.5	6	2.1	1.9
-Other unspecified	5	5.9	22	10.9	27	9.4	9.7
IV. Sympathetic Nervous System	-	-	7	3.5	7	2.4	3.3
-Neuroblastoma	-	-	5	2.5	5	1.7	2.5
- Ganglioneuroblastoma	-	-	2	1.0	2	0.7	0.8
V. Retinoblastomas	1	1.2	7	3.5	8	2.8	3.9
VI. Kidney	2	2.4	13	6.4	15	5.2	6.6
-Wilms tumor	-	-	8	4.0	8	2.8	3.8
-Other unspecified	2	2.4	5	2.5	7	2.4	2.8
VII. Hepatic tumors	-	-	1	0.5	1	0.3	0.5
-Hepatoblastoma	-	-	1	0.5	1	0.3	0.5
VIII. Bone tumors	8	9.5	14	6.9	22	7.7	7.7
-Osteosarcoma	4	4.7	4	2.0	8	2.8	2.3
-Ewing's Sarcoma	1	1.2	3	1.5	4	1.4	1.4
-Other unspecified	3	3.5	7	3.5	10	3.5	3.9
IX. Sarcoma of soft tissue	1	1.2	4	2.0	5	1.7	1.8
X. Germ cells tumors, trophoblastic and other tumors	2	2.4	6	3.0	8	2.8	2.8
XI. Carcinoma and other epithelial malignant tumors	24	28.4	7	3.5	31	10.8	9.1
-Malignant melanoma of skin	-	-	1	0.5	1	0.3	0.5
-Carcinoma of skin	14	16.6	5	2.5	19	6.6	5.7
-Carcinoma of thyroid	10	11.8	-	-	10	3.5	2.7
-Carcinoma of nasopharynx	-	-	1	0.5	1	0.3	0.3
XII. Other tumors unspecified	22	26.0	28	13.9	50	17.5	16.6
Total	95	112.4	213	105.5	308	107.5	111.7

AR Adjusted rate for the world population

Rate per 100 000 population.

Source: National Cancer Registry. National Center for Cancer Control.

Table 56. Incidence of cancer in male population aged 15 years and over by leading location and age. 2009

Location	15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Skin	10	2.3	11	2.7	13	3.9	39	8.7	103	19.4	181	33.2
Bronchus, lung	-	-	2	0.5	1	0.3	7	1.6	14	2.6	33	6.1
Prostate	-	-	-	-	1	0.3	1	0.2	-	-	4	0.7
Larynx	-	-	-	-	1	0.3	2	0.4	2	0.4	18	3.3
Lip, oral cavity and pharynx	-	-	3	0.7	-	-	10	2.2	12	2.3	30	5.5
Colon	1	0.2	4	1.0	2	0.6	2	0.4	10	1.9	19	3.5
Bladder	1	0.2	-	-	-	-	3	0.7	6	1.1	9	1.7
Lymphoma	15	3.5	17	4.2	21	6.2	17	3.8	35	6.6	25	4.6
- Non - Hodgkin	9	2.1	11	2.7	17	5.1	10	2.2	25	4.7	17	3.1
- Hodgkin	6	1.4	5	1.2	3	0.9	5	1.1	9	1.7	8	1.5
-Other unspecified	-	-	1	0.2	1	0.3	2	0.4	1	0.2	-	-
Esophagus	-	-	-	-	-	-	1	0.2	7	1.3	18	3.3
Stomach	-	-	-	-	1	0.3	-	-	6	1.1	11	2.0
Total *	51	11.7	79	19.3	78	23.2	139	31.2	266	50.2	490	89.9

Location	45 - 49		50 - 54		55 - 59		60 and over		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Skin	186	47.3	221	70.6	327	109.8	2 422	274.2	3 513	76.6
Bronchus, lung	125	31.8	187	59.7	342	114.8	2 307	261.2	3 018	65.8
Prostate	13	3.3	37	11.8	99	33.2	2 482	281.0	2 637	57.5
Larynx	50	12.7	85	27.1	127	42.6	587	66.5	872	19.0
Lip, oral cavity and pharynx	71	18.1	91	29.1	112	37.6	495	56.0	824	18.0
Colon	23	5.9	36	11.5	49	16.5	627	71.0	773	16.8
Bladder	9	2.3	35	11.2	62	20.8	523	59.2	648	14.1
Lymphoma	33	8.4	43	13.7	35	11.8	210	23.8	451	9.8
-Non - Hodgkin	27	6.9	30	9.6	28	9.4	148	16.8	322	7.0
- Hodgkin	5	1.3	9	2.9	5	1.7	49	5.5	104	2.3
-Other unspecified	1	0.3	4	1.3	2	0.7	13	1.5	25	0.5
Esophagus	38	9.7	49	15.6	60	20.1	266	30.1	439	9.6
Stomach	14	3.6	25	8.0	38	12.8	325	36.8	420	9.2
Total *	720	183.3	992	316.7	1 541	517.4	12 050	1 364.4	16 406	357.6

* Includes the rest of locations.
 Rate per 100 000 population.
 Source: National Cancer Registry. National Center for Cancer Control.

Table 57. Incidence of cancer in female population aged 15 years and over by leading locations and age. 2009

Location	15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Breast	2	0.5	1	0.3	11	3.5	45	10.5	129	24.8	251	45.5
Skin	4	1.0	10	2.6	21	6.7	52	12.2	89	17.1	179	32.5
Bronchus, lung	2	0.5	1	0.3	2	0.6	4	0.9	11	2.1	34	6.2
Cervix uteri	5	1.2	25	6.5	84	26.8	130	30.4	201	38.6	242	43.9
Colon	-	-	-	-	6	1.9	8	1.9	11	2.1	25	4.5
Corpus uteri	3	0.7	1	0.3	1	0.3	3	0.7	13	2.5	21	3.8
Ovary	1	0.2	12	3.1	7	2.2	4	0.9	25	4.8	48	8.7
Lymphoma	3	0.7	13	3.4	12	3.8	17	4.0	14	2.7	19	3.4
-Non - Hodgkin	1	0.2	6	1.6	5	1.6	7	1.6	10	1.9	15	2.7
-Hodgkin	2	0.5	7	1.8	6	1.9	10	2.3	4	0.8	3	0.5
-Other unspecified	-	-	-	-	1	0.3	-	-	-	-	1	0.2
Thyroid gland	5	1.2	22	5.7	22	7.0	30	7.0	42	8.1	41	7.4
Pancreas	2	0.5	1	0.3	1	0.3	2	0.5	3	0.6	7	1.3
Total *	44	10.7	110	28.7	190	60.6	329	77.0	612	117.5	1 017	184.4

Location	45 - 49		50 - 54		55 - 59		60 and over		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Breast	377	93.3	298	90.5	353	113.3	1 611	164.5	3 078	66.5
Skin	214	53.0	208	63.2	226	72.6	1 830	186.8	2 833	61.2
Bronchus, lung	79	19.6	120	36.4	224	71.9	1 132	115.6	1 609	34.7
Cervix uteri	195	48.3	136	41.3	135	43.3	373	38.1	1 526	33.0
Colon	30	7.4	46	14.0	72	23.1	904	92.3	1 102	23.8
Corpus uteri	29	7.2	50	15.2	78	25.0	346	35.3	545	11.8
Ovary	53	13.1	40	12.1	37	11.9	189	19.3	416	9.0
Lymphoma	26	6.4	21	6.4	34	10.9	160	16.3	319	6.9
-Non - Hodgkin	21	5.2	18	5.5	25	8.0	113	11.5	221	4.8
-Hodgkin	4	1.0	3	0.9	9	2.9	44	4.5	92	2.0
-Other unspecified	1	0.2	-	-	-	-	3	0.3	6	0.1
Thyroid gland	43	10.6	18	5.5	15	4.8	75	7.7	313	6.8
Pancreas	6	1.5	12	3.6	24	7.7	244	24.9	302	6.5
Total *	1 240	307.0	1 183	359.3	1 518	487.3	8 995	918.4	15 238	329.0

* Includes the rest of locations.

Rate per 100 000 population.

Source: National Cancer Registry. National Center for Cancer Control.

Table 58. Total doses administered by type of vaccine. 1962 – 2012

Type of vaccine	Total doses administered
Tetanus toxoid vaccine (TT)	83 025 057
Oral poliovirus vaccine (OPV)	80 436 331
Typhoid vaccine (AT)	39 276 977
Diphtheria, tetanus and pertussis vaccine (DPT)	32 012 480
Diphtheria and tetanus toxoid vaccine (DT)	13 758 278
BCG vaccine	13 018 570
Meningococcal type B – C vaccine (AM-BC) (1)	12 036 927
Hepatitis B vaccine (HB) (2)	12 165 805
Measles, mumps, and rubella vaccine (MMR) (3)	7 141 673
H. influenzae (Hib) (4)	4 914 614
DPT + HB (5)	439 799
DPT+HB+Hib (6)	2 304 206

(1) Vaccination began in 1988.

(2) Vaccination began in 1992.

(3) Vaccination began in 1986.

(4) Vaccination began at 1999.

(5) Vaccination 2005 to 2007.

(6) Vaccination began at 2006.

Table 59. Low birth-weight. 1985 – 2012

Years	Live births with low weight	Percentage of all live births
1985	14 693	8.2
1986	13 244	8.0
1987	14 141	7.9
1988	14 030	7.5
1989	13 418	7.3
1990	14 260	7.6
1991	13 546	7.8
1992	13 554	8.6
1993	13 726	9.0
1994	13 112	8.9
1995	11 737	7.9
1996	10 184	7.3
1997	10 496	6.9
1998	10 145	6.7
1999	9 761	6.5
2000	8 814	6.1
2001	8 122	5.9
2002	8 314	5.9
2003	7 523	5.5
2004	6 972	5.5
2005	6 574	5.4
2006	5 985	5.4
2007	5 895	5.2
2008	6 279	5.1
2009	6 569	5.1
2010	6 847	5.4
2011	7 023	5.3
2012	6 493	5.2

HEALTH PERSONNEL AND RESOURCES

Table 60. Health budget and per capita expenses. Selected years, 1959 – 2012

Cuban pesos

Years	Budget spending	Per capita expenses
1959	25 690 200	3.72
1960	51 279 900	7.30
1965	148 878 200	19.07
1970	216 443 200	25.25
1971	224 489 300	25.89
1972	232 535 600	26.33
1973	240 582 100	26.72
1974	281 313 200	30.73
1975	304 154 500	32.73
1976	323 783 700	34.19
1977	322 107 300	33.58
1978	390 827 800	40.32
1979	409 255 600	41.87
1980	440 174 800	45.01
1981	558 931 100	57.29
1982	594 691 500	60.60
1983	668 080 300	67.62
1984	740 484 500	74.40
1985	794 267 800	78.97
1986	875 217 200	85.88
1987	922 214 400	89.67
1988	978 927 900	94.08
1989	1 015 625 500	96.66
1990	1 045 094 100	98.56
1991	1 038 484 500	97.11
1992	1 038 797 300	95.99
1993	1 174 927 800	107.57
1994	1 166 386 200	106.42
1995	1 221 960 600	111.31
1996	1 310 078 500	119.03
1997	1 382 951 000	125.31
1998	1 473 090 300	132.44
1999	1 710 638 700	153.52
2000	1 857 035 500	165.99
2001	1 796 598 700	159.99
2002	1 923 032 100	170.92
2003	2 028 100 000	180.26
2004	2 269 380 300	201.99
2005	2 596 300 000	230.64
2006	3 629 000 000	321.79
2007	3 881 626 100	345.37
2008	4 230 938 600	376.44
2009	4 968 559 100	442.11
2010	4 792 212 100	426.49
2011	4 923 674 800	438.36
2012	4 903 980 100	435.91

Table 61. Health personnel. 1980 – 2012

Years	Total	Percent of women	% of population at working age
1980	157 933	69.3	3.2
1981	179 581	65.0	3.5
1982	195 595	67.2	3.7
1983	217 446	68.9	4.0
1984	233 437	69.8	4.2
1985	248 643	69.7	4.3
1986	263 713	70.6	4.5
1987	274 544	70.8	4.7
1988	280 220	70.9	4.6
1989	290 799	71.6	4.9
1990	298 708	72.4	4.9
1991	302 815	71.9	4.8
1992	310 726	72.0	4.8
1993	308 352	71.7	4.8
1994	312 639	72.3	4.8
1995	320 427	72.6	5.0
1996	328 543	73.2	4.9
1997	339 943	73.9	4.9
1998	345 878	72.4	4.8
1999	362 778	72.9	5.5
2000	359 653	72.4	5.5
2001	358 569	72.9	5.4
2002	375 052	72.2	5.6
2003	380 576	71.6	5.7
2004	402 903	71.3	6.2
2005	447 023	70.2	6.9
2006	488 767	69.4	7.5
2007	522 431	70.0	8.0
2008	566 365	69.1	8.6
2009	582 538	69.1	8.7
2010	535 305	69.5	7.0
2011	497 021	69.8	6.8
2012	490 245	70.0	6.8

Table 62. Health personnel by occupation and sex. 2012

Occupation	Workers		Females	
	Number	Per 10 000 population	Number	% of the total
Total workers	490 245	435.8	343 435	70.0
Of them:				
Nursing staff:	92 131	81.9	79 520	86.3
Bachelor in nursery	56 539	50.3	49 580	87.7
Nurses	31 386	27.9	26 702	85.1
Basic	4 206	3.7	3 238	77.0
Technicians *	70 425	62.6	52 368	74.4
Clinical and microbiological laboratory	5 502	4.9	4 764	86.6
Blood bank	740	0.7	609	82.3
X Ray	2 591	2.3	1 260	48.6
Dentistry	5 216	4.6	4 794	91.9
Pharmacy	3 751	3.3	3 545	94.5
Epidemiology and hygiene	1 631	1.4	1 048	64.3
Ophthalmology	1 414	1.3	1 102	77.9
Social worker	1 632	1.5	1 511	92.6
Physiotherapy and rehabilitation	3 470	3.1	2 268	65.4
Health statistics	1 585	1.4	1 442	91.0
Orthopedic bandage	367	0.3	131	35.7
Orthopedic prosthesis and orthosis	140	0.1	79	56.4
Dietetic	865	0.8	768	88.8
Psychiatric ergo therapy	98	0.1	86	87.8
Psychological testing	510	0.5	487	95.5
Logopedic and phoniatic	431	0.4	374	86.8
Medical radio physic	115	0.1	62	53.9
Cytohistopathology	319	0.3	263	82.4
Podiatry	1 142	1.0	943	82.6
Other technicians	38 906	34.6	26 832	69.0
Basic technicians*	8 981	8.0	6 458	71.9

* Excludes nurses.

Table 63. Physicians and dentists. 1975, 1980, 1985, 1990 – 2012

Years	Physicians			Dentists		
	Number	Per 10 000 pop.	Pop. per physician	Number	Per 10 000 pop.	Pop. per dentist
1975	9 328	10.0	996	2 319	2.5	4 007
1980	15 247	15.6	641	3 646	3.7	2 682
1985	22 910	22.8	439	5 335	5.3	1 885
1990	38 690	36.5	274	6 959	6.6	1 524
1991	42 634	39.9	251	7 515	7.0	1 423
1992	46 860	43.3	231	8 057	7.4	1 343
1993	51 045	46.7	214	8 531	7.8	1 280
1994	54 065	49.3	203	8 834	8.1	1 241
1995	56 836	51.8	193	9 148	8.3	1 200
1996	60 129	54.6	183	9 600	8.7	1 146
1997	62 624	56.8	176	9 816	8.9	1 124
1998	63 483	57.1	175	9 873	8.9	1 126
1999	64 863	58.2	172	9 918	8.9	1 123
2000	65 997	59.0	170	9 917	8.9	1 128
2001	66 325	59.1	169	9 877	8.8	1 137
2002	67 079	59.6	168	9 955	8.8	1 130
2003	68 017	60.4	165	10 167	9.0	1 107
2004	69 713	62.0	161	10 452	9.3	1 075
2005	70 594	62.7	159	10 554	9.4	1 066
2006	71 489	63.4	158	10 751	9.5	1 049
2007	72 416	64.4	155	10 887	9.7	1 032
2008	74 552	66.3	151	11 234	10.0	1 000
2009	74 880	66.6	150	11 572	10.3	971
2010	76 506	68.1	147	12 144	10.8	925
2011	78 622	70.0	143	12 793	11.4	878
2012	82 065	72.9	137	13 998	12.4	804

Note: Family physicians in the community: 13 419
Source: Registry of Health Professionals

Table 64. Cuban health collaboration by regions and countries. 2012

Americas region	
Antigua and Barbuda	Honduras
Argentina	Jamaica
Aruba	Mexico
Belice	Nicaragua
Bolivia	Paraguay
Bonaire	Peru
Dominica	Bolivarian Republic of Venezuela
Ecuador	Saint Kitts and Nevis
El Salvador	Saint Vincent and the Grenadines
Grenada	Saint Lucia
Guatemala	Suriname
Guyana	Trinidad and Tobago
Haiti	Uruguay

African region	
Angola	Seychelles Islands
Botswana	Lesotho
Burkina Faso	Mali
Burundi	Mozambique
Cape Verde	Namibia
Congo	Niger
Djibouti	RASD
Eritrea	Sao Tome and Principe
Ethiopia	Sierra Leone
Gabon	South Africa
Gambia	Swaziland
Ghana	Tanzania
Guinea Bissau	Uganda
Guinea Conakry	Zimbabwe
Equatorial Guinea	

Eastern Mediterranean region	
Algeria	Qatar
Yemen	

South East Asia region	
China	Kiribati
Vanuatu Islands	Laos
Solomon Islands	Timor Leste
Tuvalu Islands	

European region	
Portugal	

Source: Central Unit of Collaboration.

Table 65. Countries participating in comprehensive health care programs by continent. 2012

LATIN AMERICA AND THE CARIBBEAN	
Belice	Haiti
Bolivia	Honduras
Dominica	Nicaragua
El Salvador	Pere
Guatemala	Saint Lucia
Guyana	Saint Vincent and the Grenadines
AFRICA	
Bostwana	Equatorial Guinea
Burkina Fasso	Lesotho
Burundi	Mali
Congo	Namibia
Djibouti	Niger
Ethiopia	RASD
Eritrea	Sao Tome and Principe
Gambia	Sierra Leone
Ghana	Swaziland
Guinea- Bissau	Tanzania
Guinea Conakry	Zimbabwe
ASIA	
Solomon Islands	Kiribati
Tuvalu Islands	Laos
Vanuatu Islands	Timor Leste

Source: Central Unit of Collaboration.

Table 66. Health care facilities by type. 2012

Facilities	Number
Medical care	
Hospitals	
General	56
Clinical and surgical	29
Pediatric	23
Gynecological and obstetric	12
Maternal and infant care	4
Oncological	2
Orthopedic	2
Psychiatric	17
Cardiocenter	2
Endoscopic Surgery Center	1
Ophthalmologic	-
Antituberculosis	1
Leprosarium	1
Rehabilitation	2
Total	152
Research institutes	13
Retinitis Pigmentosa Clinic	1
Polyclinics	452
Dental clinics	118
Maternal home	150
Blood banks	27
Social service	
Elderly homes	144
Ambulatory elderly homes	233
Disabled homes	31

Table 67. Medical care and social service beds. 1985 – 2012

Years	Medical care		Social service *		Total	
	Beds	Beds per 1 000 pop.	Beds	Beds per 1 000 pop.	Beds	Beds per 1 000 pop.
1985	52 267	5.1	11 517	1.1	63 784	6.3
1986	54 172	5.3	11 806	1.2	65 978	6.5
1987	57 424	5.6	12 411	1.2	69 835	6.8
1988	59 720	5.7	13 172	1.3	72 892	7.0
1989	63 068	6.0	13 610	1.3	76 678	7.3
1990	63 205	6.0	13 848	1.3	77 053	7.3
1991	64 347	6.0	14 481	1.4	78 828	7.4
1992	65 190	6.0	14 336	1.3	79 526	7.4
1993	65 392	6.0	14 201	1.3	79 593	7.3
1994	65 703	6.0	14 554	1.3	80 257	7.3
1995	66 116	6.0	14 227	1.3	80 343	7.3
1996	66 263	6.0	14 265	1.3	80 528	7.3
1997	66 948	6.1	14 068	1.3	81 016	7.3
1998	66 261	6.0	13 499	1.2	79 760	7.2
1999	61 756	5.5	14 808	1.3	76 564	6.9
2000	58 713	5.2	14 444	1.3	73 199	6.5
2001	56 868	5.1	14 383	1.3	73 157	6.3
2002	55 864	5.0	14 560	1.3	70 424	6.3
2003	55 428	4.9	14 575	1.3	70 003	6.2
2004	55 351	4.9	14 728	1.3	70 079	6.2
2005	54 857	4.9	14 650	1.3	69 507	6.2
2006	54 771	4.9	14 621	1.3	69 392	6.2
2007	54 742	4.9	14 572	1.3	69 314	6.2
2008	52 331	4.7	14 937	1.3	67 268	6.0
2009	51 530	4.6	14 845	1.3	66 375	5.9
2010	51 487	4.6	14 833	1.3	66 320	5.9
2011	45 606	4.1	12 077	1.1	57 683	5.1
2012	45 649	4.1	14 393	1.3	60 042	5.3

* Includes beds in private facilities.

SERVICES

Table 68. Medical and dental visits. 1986 – 2012

Years	Medical			Dental	Total
	Outpatient	Emergency room	Sub-total		
Visits					
1986	42 952 694	21 664 878	64 617 572	15 034 286	79 651 858
1987	45 543 827	20 723 740	66 267 567	15 690 996	81 958 563
1988	46 103 496	21 253 051	67 356 547	15 210 297	82 566 844
1989	46 652 673	20 211 876	66 864 549	15 176 962	82 041 511
1990	48 079 149	20 122 071	68 201 220	15 002 994	83 204 214
1991	49 793 456	19 330 448	69 123 904	14 402 822	83 526 726
1992	50 191 483	18 204 021	68 395 504	13 850 200	82 245 704
1993	47 449 735	17 311 779	64 761 514	12 742 794	77 504 308
1994	50 040 460	17 375 340	67 415 800	14 325 367	81 741 167
1995	56 915 855	18 213 646	75 129 501	16 156 145	91 285 646
1996	57 563 213	19 936 037	77 499 250	17 456 297	94 955 547
1997	57 786 423	21 087 302	78 873 725	19 586 677	98 460 402
1998	57 883 278	20 496 493	78 379 771	22 440 022	100 819 793
1999	60 866 546	20 388 191	81 254 737	23 932 264	105 187 001
2000	60 708 748	19 835 106	80 543 854	26 521 402	107 065 256
2001	58 156 325	19 777 458	77 933 783	27 424 861	105 358 644
2002	56 806 268	19 383 984	76 190 252	28 156 480	104 346 732
2003	52 628 212	18 846 698	71 474 910	28 346 698	99 821 608
2004	42 997 033	18 893 382	61 890 415	20 782 720	82 673 135
2005	39 206 257	20 792 319	59 998 576	17 943 732	77 942 308
2006	39 172 468	22 247 804	61 420 272	17 622 879	79 043 151
2007	39 136 877	21 917 204	61 054 081	17 008 926	78 063 007
2008	44 713 570	21 205 165	65 918 735	16 733 435	82 652 170
2009	54 568 377	22 135 099	76 703 476	17 789 222	94 492 698
2010	57 172 305	21 788 808	78 961 113	18 649 854	97 610 967
2011	59 779 883	21 270 036	81 049 919	19 763 097	100 813 016
2012	59 883 556	21 276 057	81 159 613	21 907 216	103 066 829
Visits per inhabitant					
1986	4.2	2.1	6.3	1.5	7.8
1987	4.4	2.0	6.4	1.5	8.0
1988	4.4	2.0	6.5	1.5	7.9
1989	4.4	1.9	6.4	1.4	7.8
1990	4.5	1.9	6.4	1.4	7.8
1991	4.7	1.8	6.5	1.4	7.8
1992	4.6	1.7	6.3	1.3	7.6
1993	4.3	1.6	5.9	1.2	7.1
1994	4.6	1.6	6.2	1.3	7.5
1995	5.2	1.7	6.8	1.5	8.3
1996	5.2	1.8	7.0	1.6	8.6
1997	5.2	1.9	7.1	1.8	8.9
1998	5.2	1.8	7.0	2.0	9.1
1999	5.5	1.8	7.3	2.2	9.4
2000	5.4	1.8	7.2	2.4	9.6
2001	5.2	1.8	6.9	2.4	9.4
2002	5.0	1.7	6.8	2.5	9.3
2003	4.7	1.7	6.4	2.5	8.9
2004	3.8	1.7	5.5	1.8	7.4
2005	3.5	1.8	5.3	1.6	6.9
2006	3.5	2.0	5.4	1.6	7.0
2007	3.5	2.0	5.4	1.5	6.9
2008	4.0	1.9	5.9	1.5	7.4
2009	4.9	2.0	6.8	1.6	8.4
2010	5.1	1.9	7.0	1.7	8.7
2011	5.3	1.9	7.2	1.8	9.0
2012	5.3	1.9	7.2	1.9	9.2

Table 69. Pediatric visits by age. 1990 – 2012

Years	Under 1 year of age		1 – 4 years of age	
	Visits	Visits per inhabitant	Visits	Visits per inhabitant
1990	3 867 952	20.8	3 675 898	5.3
1991	3 788 331	20.3	3 626 498	5.1
1992	3 487 973	22.0	3 543 988	4.8
1993	3 189 152	18.2	3 048 761	4.2
1994	3 592 657	20.7	2 963 340	4.1
1995	5 122 940	29.9	3 193 886	4.5
1996	5 244 174	35.0	3 083 029	4.8
1997	5 359 552	36.8	2 913 643	4.7
1998	5 656 812	40.3	2 898 666	4.8
1999	5 893 803	41.9	3 054 075	5.0
2000	5 986 832	42.4	3 111 394	5.1
2001	4 980 207	33.1	3 148 460	5.3
2002	4 377 492	29.9	2 916 965	4.9
2003	3 960 922	28.7	2 598 656	4.4
2004	3 089 974	22.5	1 999 450	3.5
2005	2 557 741	19.7	1 739 826	3.1
2006	2 327 355	18.4	1 656 124	3.0
2007	2 283 526	19.5	1 514 728	3.0
2008	2 724 241	23.5	1 634 331	3.3
2009	3 968 559	35.5	2 288 154	4.7
2010	4 353 080	35.7	2 363 567	5.1
2011	3 935 935	34.0	2 405 531	5.2
2012	4 084 908	32.1	2 416 613	5.1

Includes healthy baby visits.

Table 69. Pediatric visits by age groups. 1990 – 2012. (Continued)

Years	5 – 14 years of age		Total *	
	Visits	Visits per inhabitant	Visits	Visits per inhabitant
1990	3 351 741	2.2	10 895 591	4.5
1991	3 497 005	2.3	10 911 834	4.5
1992	3 462 600	2.3	10 494 561	4.4
1993	3 256 941	2.1	9 494 854	3.8
1994	3 395 293	2.1	9 951 290	4.0
1995	4 051 016	2.5	12 367 842	4.9
1996	3 975 054	2.4	12 302 257	5.1
1997	3 830 775	2.3	12 103 970	5.0
1998	3 602 687	2.1	12 158 165	4.9
1999	3 781 005	2.2	12 728 883	5.2
2000	3 723 004	2.2	12 821 230	5.2
2001	3 864 749	2.3	11 993 416	4.9
2002	3 474 391	2.2	10 768 848	4.4
2003	3 329 355	2.1	9 888 933	4.2
2004	2 338 928	1.5	7 428 352	3.3
2005	2 048 165	1.4	6 345 732	2.9
2006	2 094 323	1.4	6 077 802	2.8
2007	1 859 276	1.3	5 657 530	2.7
2008	2 140 418	1.5	6 498 990	3.2
2009	3 353 337	2.4	9 610 050	4.8
2010	3 386 276	2.4	10 102 923	5.1
2011	3 321 272	2.5	9 662 738	5.0
2012	3 365 649	2.5	9 867 170	5.1

Includes healthy baby visits.

* Includes visits of unknown age.

Table 70. Healthy baby visits by age. 1990 – 2012

Years	Under 1 year of age		1 – 14 years of age		Total	
	Visits	Visits per inhab.	Visits	Visits per inhab.	Visits	Visits per inhab.
1990	2 052 093	11.0	1 085 964	0.5	3 138 057	1.3
1991	2 105 106	11.3	1 143 273	0.5	3 248 379	1.4
1992	2 123 305	13.4	1 260 780	0.6	3 384 085	1.4
1993	2 036 590	11.6	1 210 607	0.5	3 247 197	1.3
1994	2 319 105	13.4	1 265 315	0.5	3 584 420	1.4
1995	3 302 269	21.4	1 363 503	0.6	4 665 772	1.9
1996	3 516 702	23.5	1 396 108	0.6	4 912 810	2.0
1997	3 699 635	25.4	1 459 865	0.6	5 159 500	2.1
1998	3 901 594	27.8	1 505 346	0.6	5 406 940	2.2
1999	4 092 113	29.1	1 593 578	0.7	5 685 691	2.3
2000	4 157 346	29.4	1 711 930	0.7	5 869 276	2.4
2001	3 507 344	23.3	2 056 460	0.9	5 563 804	2.3
2002	3 074 814	20.4	1 665 748	0.7	4 740 562	1.9
2003	2 831 683	20.5	1 525 262	0.7	4 356 945	1.7
2004	2 196 593	16.0	939 377	0.4	3 135 970	1.4
2005	1 785 749	13.7	700 644	0.3	2 486 393	1.1
2006	1 596 464	12.6	590 269	0.3	2 186 733	1.0
2007	1 583 712	13.5	589 948	0.3	2 173 660	1.1
2008	1 956 700	16.9	742 089	0.4	2 698 789	1.3
2009	2 784 512	24.9	1 423 359	0.7	4 207 871	2.1
2010	3 082 158	25.3	1 633 628	0.9	4 715 786	2.4
2011	1 969 167	17.0	1 101 924	0.6	3 071 091	1.6
2012	1 844 476	14.5	1 199 683	0.7	3 044 159	1.6

Table 71. Selected surgical indicators. 1990-2012

Years	Total surgeries	Major surgeries	%	Minor surgeries	%
1990	777 737	409 547	52.7	368 190	47.3
1991	674 028	366 369	54.4	307 659	45.6
1992	627 064	331 558	52.9	295 506	47.1
1993	509 198	265 846	52.2	243 352	47.8
1994	542 186	286 512	52.8	255 674	47.2
1995	551 182	293 328	53.2	257 854	46.8
1996	811 895	387 358	47.7	424 537	52.3
1997	870 784	393 569	45.2	477 215	54.8
1998	894 505	396 652	44.3	497 853	55.7
1999	927 406	430 826	46.5	496 580	53.5
2000	953 372	441 964	45.4	511 408	53.6
2001	943 122	441 464	46.8	501 658	53.2
2002	974 998	466 990	47.9	508 008	52.1
2003	960 268	465 612	48.5	494 656	51.5
2004	929 863	470 295	50.6	459 568	49.4
2005	936 212	492 972	52.7	443 240	47.3
2006	878 169	476 831	54.3	401 338	45.7
2007	909 295	503 492	55.4	405 803	44.6
2008	896 154	487 897	54.4	408 257	45.6
2009	913 935	486 859	53.3	427 076	46.7
2010	948 694	514 818	54.3	433 876	45.7
2011	1 048 984	567 539	54.1	481 445	45.9
2012	1 044 787	535 258	51.2	509 529	48.8

Table 72. Hospital bed occupancy rates by selected medical specialties. 1990, 2000- 2012

Specialty	1990	2000	2012	1990	2000	2012
	Average length of stay			Occupancy rate		
Medicine except psychiatry	10.9	9.3	7.0	81.7	73.9	74.9
Psychiatry	66.0	50.0	55.2	86.7	83.9	84.2
Surgery except pediatric surgery	11.3	8.4	7.1	79.8	62.2	67.2
Pediatric surgery	6.4	5.7	4.4	67.3	52.5	56.7
Obstetrics	6.5	6.8	6.6	82.2	77.6	76.7
Gynecology except abortions	4.1	3.3	2.8	77.1	66.6	63.2
Pediatric	5.7	4.8	4.3	61.5	56.4	68.2
Neonatology	7.9	7.4	7.4	66.0	49.4	59.5
Total	10.0	9.4	7.9	78.5	69.4	73.0

Specialty	Rotation rate			Substitution interval		
Medicine except psychiatry	27.4	29.1	39.2	2.4	3.3	2.3
Psychiatry	4.2	4.0	5.6	11.6	14.8	10.3
Surgery except pediatric surgery	25.9	27.2	34.6	2.8	5.1	3.5
Pediatric surgery	38.4	33.7	47.4	3.1	5.2	3.3
Obstetrics	45.9	41.5	42.3	1.4	2.0	2.0
Gynecology except abortions	67.9	73.6	81.5	1.2	1.7	1.7
Pediatric	42.6	43.0	58.5	2.9	3.7	2.0
Neonatology	30.3	24.3	29.2	4.1	7.6	5.1
Total	28.7	26.9	33.7	2.7	4.2	2.9

Specialty		Admissions per 100 population.			Patient-days per 100 population		
Medicine except psychiatry	(1)	4.5	3.7	3.6	49.1	34.6	25.4
Psychiatry	(2)	0.4	0.3	0.3	26.9	23.1	15.4
Surgery except pediatric surgery	(1)	3.8	3.0	2.4	42.2	24.9	16.8
Pediatric surgery	(3)	2.3	1.7	1.7	14.6	9.5	7.5
Obstetrics	(4)	10.4	9.0	8.6	68.0	61.6	57.2
Gynecology except abortions	(5)	2.8	2.2	1.5	11.4	7.4	4.3
Pediatric	(3)	15.3	10.7	12.8	86.9	51.4	54.7
Neonatology	(6)	23.2	21.6	22.2	181.2	161.0	165.0
Total	(2)	15.2	11.9	11.1	151.3	112.3	87.9

Rates calculated with real beds (includes 8 beds and over) on the basis of:

- (1) Population aged 15 years and over.
- (2) Total population.
- (3) Population under 15 years of age.
- (4) Female population of 15 – 49 years of age.
- (5) Female population 15 years of age and over.
- (6) Live births.

Table 73. Bed occupancy rates by type of hospital. 1990, 2000- 2012

		1990	2000	2012	1990	2000	2012
Type of hospital		Average length of stay			Occupancy rate		
General		7.4	7.2	6.6	74.5	67.3	72.0
Clinical and surgical		12.3	9.6	8.4	79.0	69.6	72.3
Gynecological and obstetric		5.8	5.7	6.0	75.6	71.0	70.7
Mother and child		6.4	6.9	5.7	64.6	65.4	68.1
Pediatric		6.4	5.8	5.1	63.2	59.8	68.3
Type of hospital		Rotation rate			Substitution interval		
General		38.3	34.3	40.5	2.2	3.5	2.5
Clinical and surgical		25.0	26.5	35.2	2.3	4.2	2.9
Gynecological and obstetric		49.6	45.9	46.0	1.6	2.3	2.3
Mother and child		38.1	34.9	42.1	3.2	3.6	2.8
Pediatric		40.1	38.0	50.6	2.7	3.9	2.3
Type of hospital		Admissions per 100 population			Patient-days per 100 population		
General	(1)	5.3	4.5	4.7	38.7	32.2	30.3
Clinical and surgical	(1)	3.1	2.6	2.5	38.5	25.2	18.7
Gynecological and obstetric	(2)	5.2	3.6	2.0	50.0	20.3	11.5
Mother and child	(3)	0.8	0.7	0.7	4.9	4.9	4.0
Pediatric	(4)	11.4	8.5	10.1	72.5	48.9	49.7

Rates calculated with real beds on the basis of:

- (1) Total population.
- (2) Female population of 15 years of age and over.
- (3) Female population of 15 years of age and over and live births.
- (4) Population under 15 years of age.

Table 74. Hospital admissions. Selected years 1970– 2012

Years	Number of admissions	Admissions per 100 population
1970	1 073 439	12.6
1975	1 249 798	13.4
1980	1 263 593	13.0
1981	1 358 547	13.9
1982	1 404 687	14.3
1983	1 443 801	14.6
1984	1 500 139	15.1
1985	1 608 551	16.0
1986	1 611 401	15.8
1987	1 598 693	15.5
1988	1 610 592	15.5
1989	1 625 399	15.5
1990	1 607 365	15.2
1991	1 513 547	14.2
1992	1 463 179	13.5
1993	1 388 840	12.7
1994	1 409 960	12.9
1995	1 434 458	13.1
1996	1 419 895	12.9
1997	1 441 896	13.1
1998	1 392 826	12.5
1999	1 369 986	12.3
2000	1 332 235	11.9
2001	1 291 877	11.5
2002	1 246 626	11.1
2003	1 220 163	10.8
2004	1 145 690	10.2
2005	1 133 275	10.1
2006	1 144 655	10.1
2007	1 104 263	9.8
2008	1 097 144	9.8
2009	1 137 960	10.1
2010	1 134 889	10.1
2011	1 171 763	10.4
2012	1 249 375	11.1

Table 75. Maternal home admissions. 1975 – 2012

Years	Admissions	Admissions per 100 live births
1975	24 629	12.8
1976	25 710	13.7
1977	27 302	16.2
1978	26 254	17.7
1979	26 548	18.5
1980	26 140	19.1
1981	28 312	20.8
1982	29 743	18.6
1983	31 272	18.9
1984	31 679	19.1
1985	36 871	20.3
1986	38 888	23.4
1987	43 125	24.0
1988	43 572	23.2
1989	45 462	24.6
1990	44 840	24.0
1991	45 345	26.1
1992	43 826	27.9
1993	44 523	29.2
1994	47 153	32.0
1995	48 765	33.1
1996	48 938	34.9
1997	51 318	33.6
1998	52 284	34.6
1999	55 348	36.7
2000	57 838	40.3
2001	59 267	41.3
2002	60 054	42.5
2003	56 910	41.6
2004	55 414	43.5
2005	54 054	44.8
2006	53 430	48.0
2007	55 107	49.0
2008	61 240	50.0
2009	65 664	50.5
2010	67 496	52.8
2011	58 387	43.9
2012	58 103	46.2

Includes admissions in day program maternity home.

Table 76. Residents in elderly home by sex. 1996 – 2012

Years	Male	Female	Total
Full-time residents			
1996	5 781	2 647	8 428
1997	5 692	2 604	8 296
1998	5 701	2 680	8 381
1999	5 665	2 582	8 247
2000	5 789	2 523	8 312
2001	5 649	2 618	8 267
2002	5 753	2 595	8 348
2003	5 733	2 513	8 246
2004	5 451	2 513	7 964
2005	5 347	2 445	7 792
2006	5 460	2 343	7 803
2007	5 561	2 265	7 826
2008	5 359	2 292	7 651
2009	5 392	2 164	7 556
2010	5 397	1 993	7 390
2011	5 573	1 885	7 458
2012	5 027	2 446	7 473
Residents in day programs			
1996	2 299	1 621	3 920
1997	2 419	1 618	4 037
1998	2 474	1 593	4 067
1999	2 663	1 773	4 436
2000	2 592	2 288	4 880
2001	3 276	2 176	5 452
2002	3 779	2 418	6 197
2003	4 032	2 581	6 613
2004	4 032	2 548	6 580
2005	3 903	2 770	6 673
2006	4 279	2 827	7 106
2007	4 376	2 681	7 057
2008	1 162	571	1 733
2009	1 108	491	1 599
2010	1 032	412	1 444
2011	861	538	1 399
2012	875	474	1 349
Total			
1996	8 080	4 268	12 348
1997	8 111	4 222	12 333
1998	8 175	4 273	12 448
1999	8 328	4 355	12 683
2000	8 381	4 811	13 192
2001	8 925	4 794	13 719
2002	9 532	5 013	14 545
2003	9 765	5 094	14 859
2004	9 483	5 061	14 544
2005	9 250	5 215	14 465
2006	9 739	5 170	14 909
2007	9 937	4 946	14 883
2008	6 521	2 863	9 384
2009	6 500	2 655	9 155
2010	6 429	2 405	8 834
2011	6 434	2 423	8 857
2012	5 902	2 920	8 822

Table 77. Blood donations. 1980, 1985 – 2012

Years	Total of donors	Suitable donations		
		Number	Per 100 population	Per 100 admission
1980	437 248	409 040	4.2	32.4
1985	548 259	498 746	5.0	31.0
1986	564 830	518 440	5.1	32.2
1987	603 101	553 972	5.4	34.7
1988	654 364	605 057	5.8	37.6
1989	658 599	615 292	5.9	37.8
1990	730 793	690 450	6.5	43.0
1991	691 396	652 914	6.1	43.1
1992	668 964	637 399	5.9	43.6
1993	596 247	570 689	5.2	40.6
1994	658 490	624 919	5.7	44.3
1995	586 205	563 895	5.1	39.3
1996	646 068	619 863	5.6	43.7
1997	647 599	622 742	5.6	42.9
1998	635 190	607 325	5.5	43.6
1999	646 332	615 666	5.5	44.9
2000	621 592	590 997	5.3	44.4
2001	585 867	554 633	4.9	42.9
2002	608 923	574 122	5.1	46.0
2003	626 912	590 877	5.3	51.3
2004	537 928	503 120	4.5	44.1
2005	524 351	495 343	4.4	43.7
2006	506 191	475 959	4.2	41.6
2007	421 626	400 292	3.6	36.2
2008	411 984	393 937	3.5	35.9
2009	421 302	403 060	3.6	35.4
2010	420 372	402 422	3.6	35.5
2011	412 408	393 325	3.5	33.6
2012	428 304	406 846	3.6	32.6

HEALTH PERSONNEL TRAINING

Table 78. Health professional graduates by specialty. 1959 – 2012

Years	Medicine	Dentistry	Nursing	Health technology	Psychology	Total
1959	728 *	61	-	-	-	789
1960	-	56	-	-	-	56
1961	335	42	-	-	-	377
1962	434	20	-	-	-	454
1963	334	48	-	-	-	382
1964	312	29	-	-	-	341
1965	395	115	-	-	-	510
1966	380	-	-	-	-	380
1967	433	141	-	-	-	574
1968	616	20	-	-	-	636
1969	940	145	-	-	-	1 085
1970	700	101	-	-	-	801
1971	432	173	-	-	-	605
1972	853	333	-	-	-	1 186
1973	951	260	-	-	-	1 211
1974	1 269	300	-	-	-	1 569
1975	1 361	294	-	-	-	1 655
1976	1 477	142	-	-	-	1 619
1977	1 105	241	-	-	-	1 346
1978	579	250	-	-	-	829
1979	683	193	-	-	-	876
1980	764	218	10	-	-	992
1981	1 012	441	32	-	-	1 485
1982	1 087	3 **	48	-	-	1 138
1983	2 114	433	45	-	-	2 592
1984	1 945	571	41	-	-	2 557
1985	2 551	545	163	-	-	3 259
1986	3 041	478	159	-	-	3 678
1987	2 841	290	513	-	-	3 644
1988	3 401	323	604	-	-	4 328
1989	3 734	376	850	-	-	4 960
1990	4 223	555	1 273	-	-	6 051
1991	4 241	649	1 593	-	-	6 483
1992	4 583	616	36	-	-	5 235
1993	4 780	595	1 414	-	-	6 789
1994	4 627	556	1 344	45	-	6 572
1995	4 019	491	2 421	94	-	7 025
1996	3 534	455	2 331	88	-	6 408
1997	3 255	324	2 667	67	-	6 313
1998	2 271	282	2 359	40	-	4 952
1999	2 308	199	2 097	16	-	4 620
2000	1 840	141	1 957	15	-	3 953
2001	1 765	232	1 706	2	-	3 705
2002	1 836	238	1 777	36	-	3 887
2003	1 933	300	1 586	38	-	3 857
2004	1 960	290	1 268	22	-	3 540
2005	3 708	372	1 689	38	-	5 807
2006	3 881	405	4 163	91	-	8 540
2007	4 180	464	3 506	653	-	8 803
2008	4 399	555	10 074	9 413	-	24 441
2009	4 488	680	2 663	14 889	121	22 841
2010	4 149	784	7 315	14 069	283	26 600
2011	5 463	1 132	6 916	11 663	417	25 591
2012	10 539***	1 654	5 756	10 305	491	28 745
Total	124 789	18 611	70 376	61 584	1 312	276 672

* Includes two graduating classes.

** Course duration extended 4 to 5 years.

*** Includes the first graduation of the new program for the training of Latin-American doctors.