

ANNUAL HEALTH STATISTICS REPORT

2011

MINISTRY OF PUBLIC HEALTH
NATIONAL MEDICAL RECORDS AND HEALTH STATISTICS BUREAU

TABLE OF CONTENTS

Presentation.....	7
DEMOGRAPHIC DATA	
Table 1 Mid-year population estimates by sex. Selected years 1960 – 2011.....	11
Table 2 Selected natality indicators. 1970 – 2011.....	12
Table 3 In- hospital live births by month. 2005 – 2011.....	13
Table 4 Fertility rates by mother age. Selected years.....	13
Table 5 Life expectancy at birth. 1952 – 2007.....	14
Table 6 Selected demographic indicators. 1970, 1990, 2000 and 2011.....	14
GRAPHS	
Graph 1 Age and sex population structure. Cuba 2011.....	15
Graph 2 Crude birth rate per 1000 population. Cuba 1970 – 2011.....	15
Graph 3 Fertility rates by mother age. Cuba 1980, 1990 and 2011.....	16
Graph 4 In-hospital live births by month. Cuba 2011.....	16
MORTALITY	
Table 7 Deaths and death rates by age groups 1986-2011.....	19
Table 8 Deaths and death rates by sex. 1970, 1975, 1980 - 2011.....	20
Table 9 Deaths and death rates by age group and sex. 2011.....	21
Table 10 10 leading causes of death for all ages. 1970, 1981, 1993, 2010 - 2011.....	22
Table 11 10 leading causes of death by sex. 2011.....	23
Table 12 Years of potential life lost (YPLL) per 1 000 population aged 1 - 74. Selected years. 1970 - 2011.....	24
Table 13 Mortality and years of potential life lost (YPLL) by 35 leading causes of death. 2011.....	25
Table 14 Mortality by six broad cause groups by age. 2011.....	27
Table 15 Selected mortality indicators under-fives years of age. Selected years.....	28
Table 16 5 leading causes of infant deaths. 1970, 1980, 2010 - 2011.....	29
Table 17 Leading causes of infant deaths by age groups (Cause from list 28 of infant deaths). 2011.....	30
Table 18 Congenital malformations for infant deaths by age groups. 2011.....	31
Table 19 5 leading causes of death for children 1 - 4 years of age. 1970, 1980, 2010 - 2011.....	32
Table 20 5 leading causes of death for children 5 - 14 years of age. 1970, 1980, 2010 - 2011.....	33
Table 21 5 leading causes of death for persons 10 - 19 years of age. 1970, 1980, 2010 - 2011.....	34
Table 22 5 leading causes of death for persons 15 - 49 years of age. 1970, 1980, 2010 - 2011.....	35
Table 23 5 leading causes of death for persons 50 - 64 years of age. 1970, 1980, 2010 - 2011.....	36
Table 24 5 leading causes of death for persons 65 years and over. 1970, 1980, 2010 - 2011.....	37
Table 25 5 leading causes of death for persons 60 years and over. 1970, 1980, 2010 - 2011.....	38
Table 26 5 leading causes of death for persons 60 - 69 years of age. 1970, 1980, 2010 - 2011.....	39
Table 27 5 leading causes of death for persons 70 - 79 years of age. 1970, 1980, 2010 - 2011.....	40
Table 28 5 leading causes of death for persons 80 years and over. 1970, 1980, 2010 - 2011.....	41
Table 29 Heart diseases mortality. 2004, 2010 - 2011.....	42
Table 30 Heart diseases mortality by age groups. Male sex. 2011.....	43
Table 31 Heart diseases mortality by age groups. Female sex. 2011.....	44
Table 32 Selected malignant neoplasms mortality. 1970, 1980, 2010 - 2011.....	45
Table 33 Selected malignant neoplasms mortality by sex. 2011.....	46
Table 34 Malignant neoplasms mortality by age groups. Male sex. 2011.....	47
Table 35 Malignant neoplasms mortality by age groups. Female sex. 2011.....	48
Table 36 Cerebrovascular diseases mortality by age groups. Male sex. 2011.....	49
Table 37 Cerebrovascular diseases mortality by age groups. Female sex. 2011.....	49
Table 38 Unintentional injuries mortality. Selected causes 1970, 1980, 2010 - 2011.....	50
Table 39 Unintentional injuries mortality. Selected causes by age groups. Male sex. 2011.....	51
Table 40 Unintentional injuries mortality. Selected causes by age groups. Female sex. 2011.....	52
Table 41 Infectious and parasitic diseases mortality. (A00-B99) 1970, 1975, 1980 - 2011.	53

Table 42	Intestinal infectious diseases mortality. (A00-A09). 1975, 1980 - 2011.....	54
Table 43	Maternal mortality. 2009 - 2011.....	55
Table 44	Mortality related to pregnancy, childbirth and the puerperium. 2009 - 2011.....	56
Table 45	Mortality from selected notifiable diseases. 1970, 1980, 2000, 2010 - 2011.....	57

GRAPHS

Graph 5	Proportional mortality by age. Cuba 1970, 1980 and 2011.....	58
Graph 6	Leading causes of death. 2011.....	58
Graph 7	Under-five mortality rate. Selected years.	59

MORBIDITY

Table 46	Incidence of selected notifiable diseases. Selected years 2000, 2010 - 2011.....	63
Table 47	Incidence of selected notifiable diseases by age. 2011.....	64
Table 48	Meningococcal infection incidence and mortality. 1980, 1985 - 2011.....	65
Table 49	Incidence of acute viral hepatitis by type. 1990 - 2011.....	66
Table 50	Incidence of tuberculosis by age group and location. 1975, 1980, 2010 and 2011	67
Table 51	Incidence of leprosy by age group and clinical type. 1975, 1980, 2010 and 2011.....	68
Table 52	Consultations for acute diarrhoea and respiratory diseases by age. 2011.....	69
Table 53	Women screened for detection of cervix cancer. 1970 - 2011.....	70
Table 54	Women screened for detection of cervix cancer by age 2010 - 2011.....	70
Table 55	Number of cases of cervix cancer by clinical stage 1990 - 2011.....	71
Table 56	Incidence of cancer by sex and leading locations. 2008.....	72
Table 57	Incidence of cancer in children under 20 years of age by location and age groups. 2008.....	73
Table 58	Incidence of cancer in male population aged 15 years and over by leading locations and age groups. 2008	75
Table 59	Incidence of cancer in female population aged 15 years and over by leading locations and age groups. 2008.....	76
Table 60	Incidence of cancer in population aged 15 – 29 years by leading locations, sex and age groups. 2008.....	77
Table 61	Incidence of cancer in population aged 30 – 44 years by leading locations, sex and age groups. 2008.....	78
Table 62	Incidence of cancer in population aged 45 – 59 years by leading locations, sex and age groups. 2008.....	79
Table 63	Incidence of cancer in males aged 60 years and over by leading locations and age groups. 2008.....	80
Table 64	Incidence of cancer in females aged 60 years and over by leading locations and age groups. 2008.....	81
Table 65	Total doses administered by type of vaccine. 1962 – 2011.....	82
Table 66	Low birth-weight. 1985 – 2011.....	82

HEALTH PERSONNEL AND RESOURCES

Table 67	Health budget and per capita expenses. 1959, 1960, 1965 – 2011.....	85
Table 68	Health personnel. 1980 – 2011.....	86
Table 69	Health personnel by occupation and sex. 2011.....	87
Table 70	Physicians and dentists. 1975, 1980, 1985, 1990 - 2011.....	88
Table 71	Cuban health collaboration by regions and countries. December 2011.....	89
Table 72	Comprehensive health care program participating countries by continent. December 2011.....	90
Table 73	Health care facilities by type. 2011.....	91
Table 74	Medical care and social service beds. 1985 – 2011.....	92

GRAPHS

Graph 8	Per capita expenses in health. Cuba. Selected years.....	93
Graph 9	Health personnel. Cuba. Selected years.....	93
Graph 10	Physicians. Selected years.....	94
Graph 11	Dentists. Cuba. Selected years.....	94

SERVICES

Table 75	Medical and dental visits. 1982 - 2011.....	97
Table 76	Pediatric visits by age groups. 1987 - 2011.....	98

Table 77	Healthy baby visits by age groups. 1980 -2011.....	100
Table 78	Selected surgical indicators. 1990-2011.....	101
Table 79	Hospital bed occupancy rates by selected medical specialties. 1990, 2000 and 2011.....	102
Table 80	Bed occupancy rates by type of hospital. 1990, 2000 and 2011.....	103
Table 81	Hospital admissions. 1970, 1975, 1980 - 2011.....	104
Table 82	Maternal home admissions. 1975 – 2011.....	105
Table 83	Residents in elderly home by sex. 1996 – 2011.....	106
Table 84	Blood donations. 1980, 1985 – 2011.....	107

HEALTH PERSONNEL TRAINING

Table 85	Health professional graduates by specialty. 1959 - 2011	111
----------	---	-----

PRESENTATION

The National Medical Records and Health Statistics Bureau of The Ministry of Public Health of Cuba introduces to you the 40th publication of the Annual Health Statistics Report with updated information until 2011.

The indicators are organized in 85 statistical tables according to time, gender, age and national and provincial dimensions are introduced. 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 given by The Center of Studies of Population and Development from the National Statistics 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 the universe of 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 wish the purpose of this publication be fulfilled, so our users are invited to give their opinions or make suggestions.

*Dr. C. Eduardo Zacca Peña
National Director for Medical Records and Health Statistics
Ministry of Public Health of Cuba*

Used symbols

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

*National Medical Records and Health Statistics Bureau
Calle 23 # 201 entre M y N Vedado
Plaza de La Revolución. La Habana. Cuba
Teléfonos: 53-7 838 3404/ 838 3398/ 838 3795
Fax: 53-7 -835 3925
Correo electrónico: direccion@mspdne.sld.cu
Internet: <http://www.sld.cu/sitios/dne/>*

DEMOGRAPHIC DATA

Table 1. Mid-year population estimates by sex. Selected years 1960 – 2011

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	11 215 229	5 616 275	5 598 954
2004	11 235 687	5 626 690	5 608 997
2005	11 242 519	5 629 843	5 612 676
2006	11 241 440	5 629 168	5 612 272
2007	11 237 916	5 627 694	5 610 222
2008	11 236 444	5 627 648	5 608 796
2009	11 238 412	5 626 477	5 611 935
2010	11 236 336	5 626 765	5 609 571
2011	11 244 543	5 630 955	5 613 588

Source: Oficina Nacional de Estadísticas e Información. Anuarios Demográficos de Cuba. Year 2011 in edition.

Table 2. Selected natality indicators. 1970 – 2011

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	136 796	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

* Per 1 000 population.

Source: Oficina Nacional de Estadísticas e Información; Anuario Demográfico de Cuba. Year 2011 in edition.

Table 3. In - hospital live births by month. 2005 - 2011

Month	2005	2006	2007	2008	2009	2010	2011
January	10 969	10 051	10 169	10 399	11 070	11 002	11 424
February	9 085	8 676	8 460	8 979	9 196	9 379	9 124
March	8 915	8 115	8 235	8 487	9 441	9 358	8 904
April	7 976	6 845	7 452	7 699	9 007	8 116	8 480
May	8 140	6 773	7 868	8 142	8 850	8 139	8 823
June	7 938	7 194	7 344	8 253	8 776	8 244	9 033
July	9 076	8 408	8 278	9 473	9 728	9 645	10 766
August	10 894	10 128	10 277	11 354	11 877	12 137	12 848
September	12 090	11 410	11 343	12 975	13 685	12 799	14 429
October	11 978	11 557	11 056	12 806	13 464	13 239	13 855
November	12 105	11 183	10 966	11 773	12 461	12 694	12 530
December	11 421	10 871	10 924	12 114	12 393	12 888	12 746
Total	120 587	111 211	112 372	122 454	129 948	127 640	132 962

Table 4. Fertility rates by mother age. Selected years

Age of mother	2005	2006	2007	2008	2009	2010	2011
15 – 19	44.9	41.8	43.4	49.2	51.3	52.9	57.3
20 – 24	93.0	87.4	89.1	99.5	107.8	106.6	111.6
25 – 29	81.3	75.7	78.7	87.8	95.1	94.2	98.2
30 – 34	53.2	48.5	49.0	53.0	56.5	54.9	57.1
35 – 39	21.9	21.1	22.1	24.0	25.4	24.1	24.8
40 – 44	4.1	3.9	3.8	4.0	4.4	4.5	5.0
45 – 49	0.2	0.3	0.2	0.3	0.3	0.3	0.3
Total	40.1	36.9	37.3	40.8	43.5	43.0	45.3

Rate per 1 000 women of the age.

Source: Oficina Nacional de Estadísticas e Información; Anuarios Demográficos de Cuba. Year 2011 in edition

Table 5. Life expectancy at birth. 1952 - 2007

Years	Both sexes	Male	Female
1952-1954	62.29	60.22	64.11
1969-1971	70.04	68.55	71.82
1977-1978	73.03	71.45	74.91
1980-1981	73.55	71.92	75.35
1981-1982	73.93	72.32	75.77
1982-1983	74.22	72.63	75.97
1983-1984	74.27	72.66	76.10
1986-1987	74.46	72.74	76.34
1988-1989	74.75	72.89	76.80
1990-1991	74.70	72.93	76.58
1994-1995	74.83	72.94	76.90
1998-2000	76.15	74.20	78.23
2001-2003	77.00	75.13	78.97
2005-2007	77.97	76.00	80.02

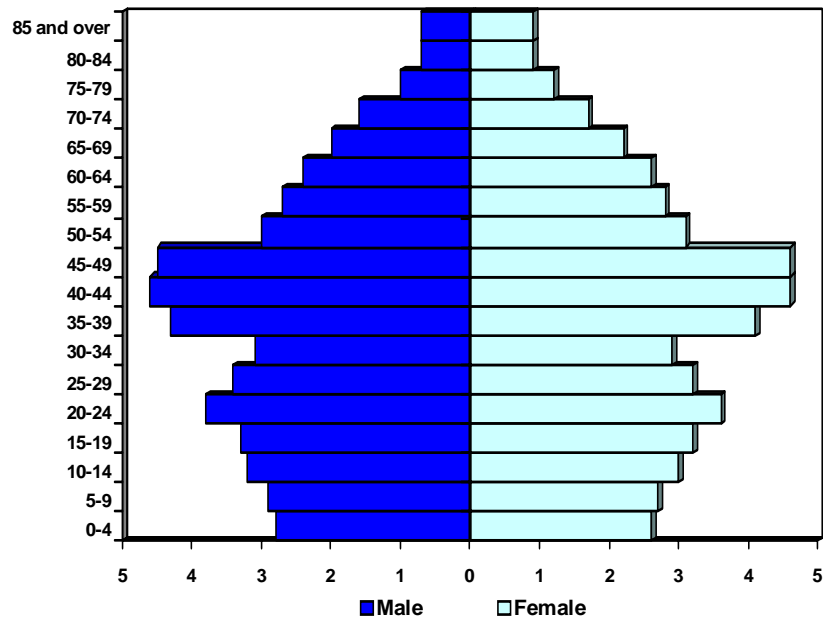
Source: Oficina Nacional de Estadísticas e Información; Anuarios Demográficos de Cuba.

Table 6. Selected demographic indicators. 1970, 1990, 2000 and 2011

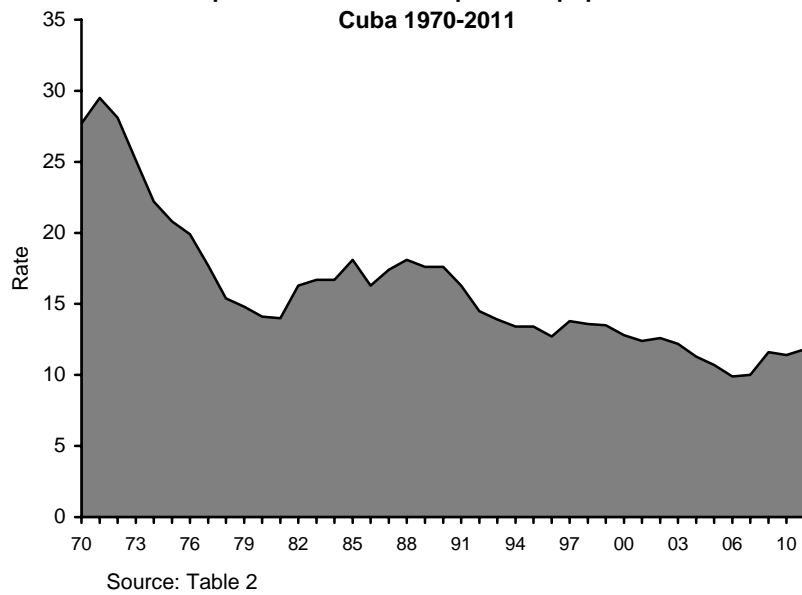
Indicators	1970	1990	2000	2011
Annual growth rate (per thousand inhabitants)	13.3	11.1	6.0	0.6
Population density	77.3	96.5	101.2	102.3
Global fertility rate	3.70	1.83	1.58	1.77
Gross Reproduction rate	1.80	0.89	0.76	0.86
Percent of population of 60 years and over	9.0	11.9	12.9	17.9
Masculinity ratio (males per thousand females)	1 052	1 013	1 082	1 003
Urban population percentage	60.5	73.9	75.3	75.2

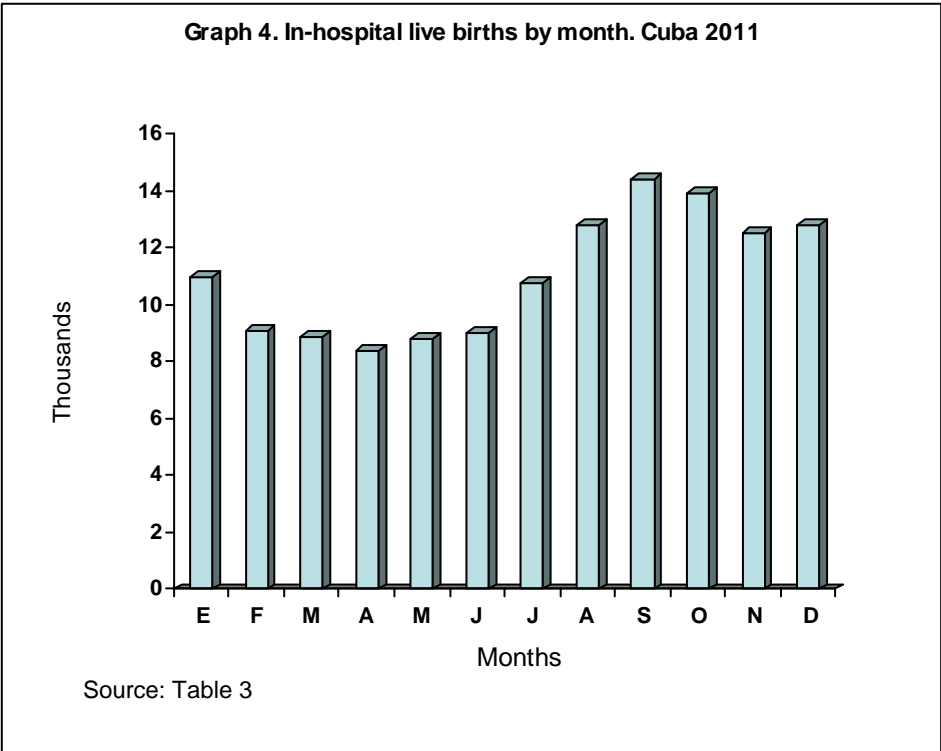
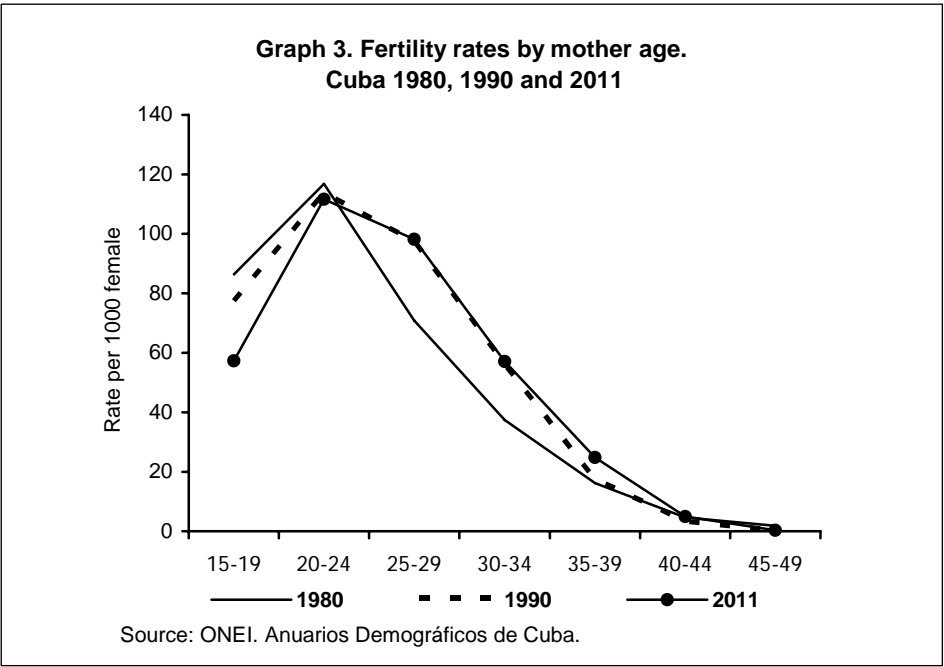
Source: Oficina Nacional de Estadísticas e Información; Anuarios Demográficos de Cuba. Year 2011 in edition.

Graph 1. Age and sex population structure. Cuba 2011



Graph 2. Crude birth rate per 1000 population. Cuba 1970-2011





MORTALITY

Table 7. Deaths and death rates by age groups. 1986-2011

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										
1986	1 166	285	811	2 262	513	796	9 702	10 073	39 724	63 145
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	52 327	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	146	250	7 377	14 168	64 441	87 040
	Rate per 1 000 live births			Rate per 1 000 population						
1986	7.0	1.7	4.9	13.6	0.8	0.5	1.7	9.0	47.8	6.2
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

* Includes deaths of unknown age .

Table 8. Deaths and death rates by sex. 1970, 1975, 1980 – 2011

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
1981	57 941	5.9	5.9	33 062	6.6	6.6	24 879	5.2	5.2
1982	56 224	5.7	5.6	32 019	6.4	6.3	24 205	5.0	4.9
1983	58 348	5.9	5.7	33 161	6.6	6.4	25 187	5.2	5.0
1984	59 801	6.0	5.8	33 937	6.7	6.5	25 864	5.3	5.0
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	40 311	7.2	3.9
2010	91 065	8.1	4.6	49 080	8.7	5.4	41 985	7.5	3.1
2011	87 040	7.7	4.3	46 525	8.3	5.1	40 515	7.2	2.9

Rate per 1 000 population.

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

Table 9. Deaths and death rates by age group and sex. 2011

Age group	Total		Male		Female	
	Deaths	Rate per 1 000 population	Deaths	Rate per 1 000 population	Deaths	Rate per 1 000 population
<1 *	653	4.9	375	5.5	278	4.3
1-4	146	0.3	77	0.3	69	0.3
5-9	119	0.2	68	0.2	51	0.2
10-14	131	0.2	79	0.2	52	0.2
15-19	302	0.4	200	0.5	102	0.3
20-24	443	0.5	305	0.7	138	0.3
25-29	522	0.7	364	0.9	158	0.4
30-34	536	0.8	376	1.1	160	0.5
35-39	1 089	1.1	718	1.5	371	0.8
40-44	1 677	1.6	1 020	2.0	657	1.3
45-49	2 808	2.7	1 710	3.3	1 098	2.1
50-54	3 279	4.7	1 991	5.9	1 288	3.6
55-59	4 516	7.3	2 644	8.8	1 872	5.9
60-64	6 373	11.3	3 706	13.6	2 667	9.1
65-69	8 185	17.2	4 818	21.1	3 367	13.7
70-74	9 829	26.2	5 581	30.9	4 248	21.8
75-79	10 959	43.1	5 935	50.4	5 024	36.9
80-84	11 997	67.3	6 125	76.6	5 872	59.8
85 and over	23 471	141.2	10 428	149.9	13 043	134.9
Total**	87 040	7.7	46 525	8.3	40 515	7.2

* Rate per 1000 live births.

** Including unknown age death (5).

Table 10. 10 leading causes of death for all ages. 1970, 1981, 1993, 2010 - 2011

Causes	1970	1981	1993	2010	2011
Number of deaths					
Heart diseases (I05 - I52)	12 704	17 183	21 759	23 904	22 178
Malignant neoplasms (C00 - C97)	8 460	10 694	14 038	22 294	21 740
Cerebrovascular diseases (I60-I69)	5 155	5 502	7 424	9 789	8 641
Influenza and pneumonia (J09 - J18)	3 602	3 891	5 106	4 988	5 469
Unintentional injuries (V01-X59,Y85-Y86)	3 089	3 807	5 632	4 830	4 663
Chronic lower respiratory diseases (J40-J47)	...	...	2 670	3 271	3 471
Diseases of arteries, arterioles and capillaries (I70-I79)	1 971	2 558	3 421	2 727	2 543
Diabetes mellitus (E10 - E14)	847	1 216	2 330	2 680	2 236
Intentional self-harm (X60-X84, Y870)	1 011	2 117	2 374	1 558	1 519
Chronic liver diseases and cirrhosis (K70, K73, K74, K760, K761)	576	601	1 037	1 202	1 061
Crude rate per 100 000 population					
Heart disease	148.2	176.1	199.2	212.7	197.5
Malignant neoplasms	98.7	109.6	128.5	198.4	193.6
Cerebrovascular diseases	60.1	56.4	68.0	87.1	76.9
Influenza and pneumonia	42.0	39.9	46.7	44.4	48.7
Unintentional injuries	36.0	39.0	51.6	43.0	41.5
Chronic lower respiratory diseases	...	...	24.4	29.1	30.9
Diseases of arteries, arterioles and capillaries	23.0	26.2	31.3	24.3	22.6
Diabetes mellitus	9.9	12.5	21.3	23.9	19.9
Intentional self-harm	11.8	21.7	21.7	13.9	13.5
Chronic liver diseases and cirrhosis	6.7	6.2	9.5	10.7	9.4

Table 11. 10 leading causes of death by sex. 2011

Causes	Male		Female		Sex ratio M/F
	Deaths	Rate	Deaths	Rate	
Heart diseases (I05 - I52)	11 557	205.5	10 621	189.4	1.1
Malignant neoplasms (C00 - C97)	12 417	220.8	9 323	166.2	1.3
Cerebrovascular diseases (I60-I69)	4 152	73.8	4 489	80.0	0.9
Influenza and pneumonia (J09 - J18)	2 781	49.5	2 688	47.9	1.0
Unintentional injuries (V01-X59,Y85-Y86)	2 482	44.1	2 181	38.9	1.1
Chronic lower respiratory diseases (J40-J47)	1 899	33.8	1 572	28.0	1.2
Diseases of arteries, arterioles and capillaries (I70-I79)	1 357	24.1	1 186	21.1	1.1
Diabetes mellitus (E10 - E14)	841	15.0	1 395	24.9	0.6
Intentional self-harm (X60-X84, Y870)	1 207	21.5	312	5.6	3.9
Chronic liver diseases and cirrhosis (K70, K73, K74, K760, K761)	793	14.1	268	4.8	3.0

Rate per 100 000 population.

Table 12. Years of potential life lost (YPLL) per 1 000 population aged 1 - 74. Selected years 1970 - 2011

Causes	1970	1980	1990	2000	2010	2011
Heart diseases	11.3	12.3	12.8	11.6	11.5	10.5
Malignant neoplasms	13.3	12.8	13.5	15.5	18.4	17.9
Cerebrovascular diseases	4.2	4.5	4.8	4.3	4.1	3.7
Influenza and pneumonia	4.2	2.6	1.4	2.1	1.5	1.6
Unintentional injuries	13.1	13.6	15.0	9.3	5.4	5.2
Chronic lower respiratory diseases	...	...	1.2	1.4	0.6	0.6
Diseases of arteries, arterioles and capillaries	0.7	0.5	0.6	0.7	1.5	1.6
Diabetes mellitus	1.2	1.2	2.0	1.4	1.7	1.5
Intentional self-harm	3.9	8.0	6.5	4.5	3.2	3.1
Chronic liver diseases and cirrhosis	0.9	0.8	1.1	1.3	1.6	1.4

Table 13. Mortality and years of potential life lost (YPLL) by 35 leading causes of death. 2011

Causes	Number of deaths	Rate*	YPLL**
Heart diseases (I05-I52)	22 178	197.5	27.3
Malignant neoplasms (C00-C97)	21 740	193.6	34.5
Cerebrovascular diseases (I60-I69)	8 641	76.9	10.3
Influenza and pneumonia (J09-J18)	5 469	48.7	5.6
Unintentional injuries (V01-X59,Y85-Y86)	4 663	41.5	8.1
Dementia and Alzheimer's disease (F01-F03,G30)	3 531	31.4	2.7
Chronics lower respiratory diseases (J40-J47)	3 471	30.9	4.4
Disease of arteries, arterioles and capillaries (I70-I79)	2 543	22.6	2.5
Diabetes mellitus (E10-E14)	2 236	19.9	3.3
Intentional self-harm (X60-X84,Y870)	1 519	13.5	4.0
Cirrhosis and others liver diseases (K70, K73-K74, K760-K761)	1 061	9.4	2.1
Glomerular and renal diseases (N00-N19, N25-N27)	646	5.7	1.0
Non malignant neoplasm (D00-D48)	596	5.3	1.1
Hernia and intestinal obstruction without hernia (K40-K46,K56)	569	5.1	0.7
Assault (X85-Y09,Y871)	530	4.7	2.0
Parkinson's disease (G20-G21)	382	3.4	0.4
Congenital malformations (Q00-Q99)	367	3.3	1.8
Peptic ulcer (K25-K28)	353	3.1	0.5
Conditions originating in the perinatal period (P00-P96)	346	3.1	2.4
Arthrosis (M15-M19)	269	2.4	0.2

* Rate per 100 000 population.

** Rate per 1 000 population. According to life expectancy at each age group.
Cause from brief list: 41.

**Table 13. Mortality and years of potential life lost (YPLL) by 35 leading causes of death. 2011
(Continuation)**

Causes	Number of deaths	Rate*	YPLL**
Intestinal infections diseases (A00-A09)	259	2.3	0.4
AIDS (B20-B24)	229	2.0	0.8
Events of undetermined intent (Y10-Y34,Y872)	225	2.0	0.5
Mental and behavioral disorders due to use of alcohol (F10)	221	2.0	0.5
Acute pancreatitis and other disease of pancreas (K85-K86)	141	1.3	0.3
Viral hepatitis (B15-B19)	140	1.2	0.3
Anaemias (D50-D64)	131	1.2	0.3
Systemic connective tissue disorders (M30-M36)	114	1.0	0.4
Hyperplasia of prostate (N40)	54	1.0	0.1
Maternal (O00-O95, O98-O99)	54	0.9	0.5
Septicaemia (A40-A41)	94	0.8	0.2
Bacterial meningitis, except meningococcal meningitis (G00-G03)	92	0.8	0.3
Leptospirosis (A27)	44	0.4	0.1
Malnutrition (E40-E46)	44	0.4	0.1
Tuberculosis (A15-A19)	36	0.3	0.1

* Rate per 100 000 Population.

** Rate per 1000 Population. According to life expectancy at each age group.
Cause from brief list: 41.

Table 14. Mortality by six broad cause groups by age. 2011

Causes	0-4	5-14	15-39	40-64	65 and over	TOTAL
Number of deaths						
Communicable diseases	110	23	205	778	5 411	6 527
Neoplasms	41	69	498	6 863	14 865	22 336
Diseases of the circulatory system	18	10	324	5 607	27 668	33 627
Certain conditions originating in the perinatal period	329	7	7	3	-	346
External causes	46	59	1 241	1 818	3 824	6 990
All other diseases	255	82	617	3 584	12 673	17 214
Total	799	250	2 892	18 653	64 441	87 040
Rate per 100 000 population						
Communicable diseases	18.9	1.7	5.2	19.7	373.5	58.1
Neoplasms	7.0	5.2	12.7	174.1	1 026	198.9
Diseases of the circulatory system	3.1	0.7	8.3	142.2	1 910	299.4
Certain conditions originating in the perinatal period	56.5	0.5	0.2	0.1	-	3.1
External causes	7.9	4.4	31.6	46.1	263.9	62.2
All other diseases	43.8	6.1	15.7	90.9	874.7	153.3
Total	137.2	18.7	73.7	473.2	4 448	774.9

Table 15. Selected mortality indicators under- fives years of age. Selected years

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

* Rate per 1 000 live births.

Table 16. 5 leading causes of infant deaths. 1970, 1980, 2010 – 2011

Causes	1970	1980	2010	2011
Number of deaths				
Certain perinatal conditions (P00-P96)	3 562	1 289	285	327
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	907	552	127	149
Influenza and pneumonia (J09-J18)	1 202	221	27	25
Heart diseases (I05-I52)	40	45	10	16
Unintentional injuries (V01-X59,Y85-Y86)	159	84	19	12
Rate per 1 000 live births				
Certain perinatal conditions	15.0	9.4	2.2	2.5
Congenital malformations, deformations and chromosomal abnormalities	3.8	4.0	1.0	1.1
Influenza and pneumonia	5.1	1.6	0.2	0.2
Heart diseases	0.2	0.3	0.1	0.1
Unintentional injuries	0.7	0.6	0.1	0.1

Table 17. Leading causes of infant deaths by age groups. (Cause from list 28 of infant deaths). 2011

Causes	< 7 days	7 - 27 days	28 days to 11 months	Total
Number of deaths				
Congenital malformations, deformations and chromosomal abnormalities. (Q00-Q99)	34	32	83	149
Septicaemia (A40-A41, P36)	27	25	10	62
Intrauterine hypoxia and birth asphyxia (P20-P21)	40	10	11	61
Intracranial nontraumatic haemorrhage (P52)	25	26	4	55
Hyaline membrane disease (P220)	38	1	1	40
Other conditions originating in the perinatal period (Remainder P00-P96)	14	10	3	27
Influenza and pneumonia (J09-J18)	2	6	17	25
Congenital pneumonia (P23)	21	2	-	23
Heart diseases (I05-I52)	-	5	11	16
Pulmonary haemorrhage originating in the perinatal period (P26)	9	4	2	15
Disorders related to length of gestation and fetal growth (P05-P08)	13	2	-	15
Persistent fetal circulation (P293)	9	4	1	14
Meningoencephalitis: bacterial, viral, and unspecified (A83-A87, G00-G04)	2	5	7	14
Unintentional injuries (V01-X59, Y85-Y86)	-	1	11	12
Rate per 1 000 live births				
Congenital malformations, deformations and chromosomal abnormalities	0.3	0.2	0.6	1.1
Septicaemia	0.2	0.2	0.1	0.5
Intrauterine hypoxia and birth asphyxia	0.3	0.1	0.1	0.5
Intracranial nontraumatic haemorrhage	0.2	0.2	0.0	0.4
Hyaline membrane disease	0.3	0.0	0.0	0.3
Other conditions originating in the perinatal period	0.1	0.1	0.0	0.2
Influenza and pneumonia	0.0	0.0	0.1	0.2
Congenital pneumonia	0.2	0.0	-	0.2
Heart diseases	-	0.0	0.1	0.1
Pulmonary haemorrhage originating in the perinatal period	0.1	0.0	0.0	0.1
Disorders related to length of gestation and fetal growth	0.1	0.0	-	0.1
Persistent fetal circulation	0.1	0.0	0.0	0.1
Meningoencephalitis: bacterial, viral, and unspecified	0.0	0.0	0.1	0.1
Unintentional injuries	-	0.0	0.1	0.1

Table 18. Congenital malformations for infant deaths by age groups. 2011

Causes	< 7 days	7 - 27 days	28 days to 11 months	Total
Number of deaths				
Congenital malformations of the circulatory system (Q20-Q28)	9	19	42	70
Congenital malformations of cardiac chambers and connections (Q20)	3	6	3	12
Congenital malformations of cardiac septa (Q21)	1	2	16	19
Congenital malformations of heart, unspecified (Q249)	3	4	5	12
Congenital malformations of great arteries and veins (Q25-Q26)	2	4	16	22
Congenital malformations of the digestive system (Q38-Q45)	4	6	21	31
Congenital malformations of oesophagus (Q39)	1	3	3	7
Congenital absence, atresia and stenosis of intestine (Q41-Q42)	2	2	4	8
Congenital malformations of the respiratory system (Q30-Q34)	8	1	4	13
Congenital malformations and deformations of the musculoskeletal system (Q65-Q79)	5	3	3	11
Congenital diaphragmatic hernia (Q790)	5	1	1	7
Gastroschisis (Q793)	-	1	-	1
Congenital malformations of the nervous system (Q00-Q07)	2	1	3	6
Congenital hydrocephalus (Q03)	-	-	3	3
Chromosomal abnormalities (Q90-Q99)	-	1	3	4
Congenital malformations of the urinary system (Q60-Q64)	1	-	2	3
Other congenital malformations (Q10-Q18, Q35-Q37, Q50-Q56, Q80-Q89)	5	1	5	11
Total	34	32	83	149
Rate per 1 000 live births				
Congenital malformations of the circulatory system	0.1	0.1	0.3	0.5
Congenital malformations of cardiac chambers and connections	0.0	0.0	0.0	0.1
Congenital malformations of cardiac septa	0.0	0.0	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	0.0	0.1	0.2
Congenital malformations of the digestive system	0.0	0.0	0.2	0.2
Congenital malformations of oesophagus	0.0	0.0	0.0	0.1
Congenital absence, atresia and stenosis of intestine	0.0	0.0	0.0	0.1
Congenital malformations of the respiratory system	0.1	0.0	0.0	0.1
Congenital malformations and deformations of the musculoskeletal system	0.0	0.0	0.0	0.1
Congenital diaphragmatic hernia	0.0	0.0	0.0	0.1
Gastroschisis	-	0.0	-	0.0
Congenital malformations of the nervous system	0.0	0.0	0.0	0.0
Congenital hydrocephalus	-	-	0.0	0.0
Chromosomal abnormalities	-	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	0.0	0.1
Total	0.3	0.2	0.6	1.1

Table 19. 5 leading causes of death for children 1 - 4 years of age. 1970, 1980, 2010 - 2011

Causes	1970	1980	2010	2011
Number de deaths				
Unintentional injuries (V01-X59, Y85-Y86)	197	143	25	26
Malignant neoplasms (C00-C97)	86	59	26	25
Influenza and pneumonia (J09-J18)	218	80	11	14
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	104	61	29	14
Bacterial meningitis, except meningococcal meningitis (G00-G03)	52	28	1	4
Rate per 10 000 population				
Unintentional injuries	2.0	2.1	0.5	0.6
Malignant neoplasms	0.9	0.9	0.6	0.5
Influenza and pneumonia	2.2	1.2	0.2	0.3
Congenital malformations, deformations and chromosomal abnormalities	1.1	0.9	0.6	0.3
Bacterial meningitis, except meningococcal meningitis	0.5	0.4	0.0	0.1

Table 20. 5 leading causes of death for children 5 - 14 years of age. 1970, 1980, 2010 - 2011

Causes	1970	1980	2010	2011
Number of deaths				
Malignant neoplasms (C00-C97)	128	132	68	61
Unintentional injuries (V01-X59, Y85-Y86)	262	412	75	46
Congenital malformations and chromosomal abnormalities (Q00-Q99)	63	63	17	10
Non malignant neoplasm (D00-D48)	16	6	7	8
Intentional self-harm (X60-X84, Y870)	15	73	11	7
Rate per 100 000 population				
Malignant neoplasms	6.5	5.8	5.0	4.6
Unintentional injuries	13.3	18.2	5.5	3.4
Congenital malformations and chromosomal abnormalities	3.2	2.8	1.3	0.7
Non malignant neoplasm	0.8	0.3	0.5	0.6
Intentional self-harm	0.8	3.2	0.8	0.5

Table 21. 5 leading causes of death for persons 10 - 19 years of age. 1970, 1980, 2010 - 2011

Causes	1970	1980	2010	2011
Number of deaths				
Unintentional injuries (V01-X59, Y85-Y86)	398	550	111	110
Malignant neoplasms (C00-C97)	107	140	70	57
Assault (X85-Y09, Y871)	57	56	31	43
Intentional self-harm (X60-X84, Y870)	126	392	43	39
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	40	46	18	21
Rate per 100 000 population				
Unintentional injuries	25.3	23.8	7.6	7.7
Malignant neoplasms	6.8	6.1	4.8	4.0
Assault	3.1	2.4	2.1	3.0
Intentional self-harm	8.0	17.0	2.9	2.7
Congenital malformations, deformations and chromosomal abnormalities	2.5	2.0	1.2	1.5

Table 22. 5 leading causes of death for persons 15 - 49 years of age. 1970, 1980, 2010 - 2011

Causes	1970	1980	2010	2011
Number of deaths				
Malignant neoplasms (C00-C97)	1 110	1 235	1 972	1 819
Heart diseases (I05-I52)	842	1 115	1 104	987
Unintentional injuries (V01-X59, Y85-Y86)	1 483	1 796	963	969
Intentional self-harm (X60-X84, Y870)	594	1 377	644	616
Assault (X85-Y09, Y871)	273	268	400	414
Rate per 100 000 population				
Malignant neoplasms	28.0	25.1	32.7	30.4
Heart diseases	21.2	22.7	18.3	16.5
Unintentional injuries	37.4	36.6	16.0	16.2
Intentional self-harm	15.0	28.0	10.7	10.3
Assault	6.9	5.5	6.6	6.9

Table 23. 5 leading causes of death for persons 50 - 64 years of age. 1970, 1980, 2010 - 2011

Causes	1970	1980	2010	2011
Number of deaths				
Malignant neoplasms (C00-C97)	2 407	2 585	5 359	5 312
Heart diseases (I05-I52)	2 444	2 872	3 517	3 232
Cerebrovascular diseases (I60-I69)	896	1 046	1 211	1 084
Chronics lower respiratory diseases (J40-J47)	...	...	502	559
Unintentional injuries (V01-X59, Y85-Y86)	344	415	518	461
Rate per 100 000 population				
Malignant neoplasms	262.4	247.7	291.4	283.0
Heart diseases	266.5	275.2	191.2	172.2
Cerebrovascular diseases	97.7	100.2	65.8	57.7
Chronics lower respiratory diseases	...	...	27.3	29.8
Unintentional injuries	37.5	39.8	28.2	24.6

Table 24. 5 leading causes of death for persons 65 years and over. 1970, 1980, 2010 - 2011

Causes	1970	1980	2010	2011
Number of deaths				
Heart diseases (I05-I52)	9 318	12 178	19 265	17 936
Malignant neoplasms (C00-C97)	4 715	6 400	14 862	14 513
Cerebrovascular diseases (I60-I69)	3 912	3 861	8 162	7 194
Influenza y pneumonia (J09-J18)	1 678	2 937	4 449	4 931
Unintentional injuries (V01-X59, Y85-Y86)	578	854	3 230	3 148
Rate per 100 000 population				
Heart diseases	1 837.5	1 719.0	1 355.4	1 238.0
Malignant neoplasms	929.8	903.4	1 045.6	1 001.7
Cerebrovascular diseases	771.5	545.0	574.3	496.5
Influenza y pneumonia	330.9	414.6	313.0	340.3
Unintentional injuries	114.0	121.5	227.3	217.3

Table 25. 5 leading causes of death for persons 60 years and over. 1970, 1980, 2010 - 2011

Causes	1970	1980	2010	2011
Number of deaths				
Heart diseases (I05-I52)	10 423	13 529	20 959	19 513
Malignant neoplasms (C00-C97)	5 791	7 550	17 264	16 861
Cerebrovascular diseases (I60-I69)	4 319	4 312	8 755	7 713
Influenza y pneumonia (J09-J18)	1 818	3 072	4 622	5 089
Unintentional injuries (V01-X59, Y85-Y86)	709	980	3 397	3 305
Rate per 100 000 population				
Heart diseases	1 353.1	1 341.4	1 060.1	968.7
Malignant neoplasms	751.8	748.6	873.2	837.0
Cerebrovascular diseases	560.7	427.5	442.8	382.9
Influenza y pneumonia	236.0	304.6	233.8	252.6
Unintentional injuries	92.0	97.2	171.8	164.1

Table 26. 5 leading causes of death for persons 60-69 years of age. 1970, 1980, 2010 - 2011

Causes	1970	1980	2010	2011
Number of deaths				
Malignant neoplasms (C00-C97)	2 486	2 677	5 226	5 154
Heart diseases (I05-I52)	2 759	3 297	3 928	3 644
Cerebrovascular diseases (I60-I69)	1 040	1 044	1 422	1 261
Chronics lower respiratory diseases (J40-J47)	...	...	669	731
Diabetes mellitus (E10-E14)	275	261	630	556
Rate per 100 000 population				
Malignant neoplasms	504.8	476.7	510.1	495.4
Heart diseases	560.2	587.1	383.4	350.2
Cerebrovascular diseases	211.2	185.9	138.8	121.2
Chronics lower respiratory diseases	...	...	65.3	70.3
Diabetes mellitus	55.8	46.5	61.5	53.4

Table 27. 5 leading causes of death for persons 70-79 years of age. 1970, 1980, 2010 - 2011

Causes	1970	1980	2010	2011
Number of deaths				
Heart diseases (I05-I52)	3 035	5 346	5 956	5 914
Malignant neoplasms (C00-C97)	1 828	3 345	6 093	5 609
Cerebrovascular diseases (I60-I69)	1 229	1 844	2 563	2 229
Influenza y pneumonia (J09-J18)	482	1 165	994	1 070
Chronics lower respiratory diseases (J40-J47)	...	...	943	1067
Rate per 100 000 population				
Heart diseases	1 383.0	1 559.7	972.7	939.4
Malignant neoplasms	833.0	975.9	995.1	891.0
Cerebrovascular diseases	560.0	538.0	418.6	354.1
Influenza y pneumonia	219.6	339.9	162.3	170.0
Chronics lower respiratory diseases	...	...	154.0	169.5

Table 28. 5 leading causes of death for persons 80 years and over. 1970, 1980, 2010 - 2011

Causes	1970	1980	2010	2011
Number of deaths				
Heart diseases (I05-I52)	4 629	4 889	10 938	10 260
Malignant neoplasms (C00-C97)	1 477	1 528	6 082	5 793
Cerebrovascular diseases (I60-I69)	2 050	1 424	4 770	4 223
Influenza y pneumonia (J09-J18)	973	1 500	3 195	3 538
Unintentional injuries (V01-X59,Y85-Y86)	306	372	2 350	2 321
Rate per 100 000 population				
Heart diseases	7 933.7	4 684.1	3 213.9	2 978.8
Malignant neoplasms	2 531.5	1 464.9	1 787.1	1 681.9
Cerebrovascular diseases	3 513.5	1 365.2	1 401.6	1 226.1
Influenza y pneumonia	1 667.6	1 438.0	938.8	1 027.2
Unintentional injuries	524.5	356.6	690.5	673.9

Table 29. Heart diseases mortality 2004, 2010 - 2011

Causes	2004	2010	2011
Number of deaths			
Ischaemic heart diseases (I20-I25)	15 369	16 630	15 236
Acute myocardial infarction (I21-I22)	7 034	7 053	6 143
Other acute ischaemic heart diseases (I24)	1 168	978	632
Chronic ischaemic heart disease (I25)	7 152	8 565	8 436
Heart failure (I50)	2 175	2 506	2 602
Hypertensive diseases (I10-I15)	1 618	2 751	2 296
Conduction disorders and cardiac arrhythmias (I44-I45, I47-I49)	596	552	603
Cardiomyopathy (I42)	369	593	584
Chronic rheumatic heart diseases (I05-I09)	155	190	203
Valve disorders nonrheumatic (I34-I38)	233	229	162
Other forms of heart disease (I26-I28, I30-I33, I39-I41, I43, I46, I51-I52)	541	453	492
Total	21 056	23 904	22 178
Crude rate per 100 000 population			
Ischaemic heart diseases	136.8	148.0	135.6
Acute myocardial infarction	62.6	62.8	54.7
Other acute ischaemic heart diseases	10.4	8.7	5.6
Chronic ischaemic heart disease	63.7	76.2	75.1
Heart failure	19.4	22.3	23.2
Hypertensive diseases	14.4	24.5	20.4
Conduction disorders and cardiac arrhythmias	5.3	4.9	5.4
Cardiomyopathy	3.3	5.3	5.2
Chronic rheumatic heart diseases	1.4	1.7	1.8
Valve disorders nonrheumatic	2.1	2.0	1.4
Other forms of heart disease	4.8	4.0	4.4
Total	187.4	212.7	197.5

Table 30. Heart diseases mortality by age groups. Male sex. 2011

Causes	<20	20-39	40-59	60-79	80 and over	Total
Number of deaths						
Ischaemic heart diseases (I20-I25)	2	88	1 049	3 749	3 165	8 053
Acute myocardial infarction (I21-I22)	2	71	708	1 940	936	3 657
Other acute ischaemic heart diseases (I24)	-	3	22	133	149	307
Chronic ischaemic heart disease (I25)	-	14	314	1 670	2 076	4 074
Hypertensive diseases (I10-I15)	-	12	185	630	484	1 311
Heart failure (I50)	1	5	66	416	628	1 116
Cardiomyopathy (I42)	6	15	128	172	74	395
Conduction disorders and cardiac arrhythmias (I44-I45, I47-I49)	1	8	54	117	119	299
Chronic rheumatic heart diseases (I05-I09)	1	6	29	42	18	96
Valve disorders nonrheumatic (I34-I38)	1	10	18	18	4	51
Other forms of heart disease (I26-I28, I30-I33, I39-I41, I43, I46, I51-I52)	1	11	37	104	83	236
Total	13	155	1 566	5 248	4 575	11 557
Crude rate per 100 000 population						
Ischaemic heart diseases	0.1	5.3	62.8	468.6	2 116.0	143.2
Acute myocardial infarction	0.1	4.3	42.4	242.5	625.8	65.0
Other acute ischaemic heart diseases	-	0.2	1.3	16.6	99.6	5.5
Chronic ischaemic heart disease	-	0.9	18.8	208.7	1 387.9	72.4
Hypertensive diseases	-	0.7	11.1	78.7	323.6	23.3
Heart failure	0.1	0.3	4.0	52.0	419.9	19.8
Cardiomyopathy	0.4	0.9	7.7	21.5	49.5	7.0
Conduction disorders and cardiac arrhythmias	0.1	0.5	3.2	14.6	79.6	5.3
Chronic rheumatic heart diseases	0.1	0.4	1.7	5.2	12.0	1.7
Valve disorders nonrheumatic	0.1	0.6	1.1	2.2	2.7	0.9
Other forms of heart disease	0.1	0.7	2.2	13.0	55.5	4.2
Total	1.0	9.4	93.8	655.9	3 058.7	205.5

Table 31. Heart diseases mortality by age groups. Female sex. 2011

Causes	<20	20-39	40-59	60-79	80 and over	Total
Number of deaths						
Ischaemic heart diseases (I20-I25)	2	21	472	2 722	3 966	7 183
Acute myocardial infarction (I21-I22)	2	14	284	1 157	1 029	2 486
Other acute ischaemic heart diseases (I24)	-	2	15	114	194	325
Chronic ischaemic heart disease (I25)	-	5	173	1 446	2 738	4 362
Hypertensive diseases (I10-I15)	1	8	129	587	566	1 291
Heart failure (I50)	-	1	55	352	772	1 180
Conduction disorders and cardiac arrhythmias (I44-I45, I47-I49)	1	3	31	94	156	285
Cardiomyopathy (I42)	12	3	44	90	59	208
Valve disorders nonrheumatic (I34-I38)	-	10	56	36	9	111
Chronic rheumatic heart diseases (I05-I09)	-	5	27	48	27	107
Other forms of heart disease (I26-I28, I30-I33, I39-I41, I43, I46, I51-I52)	4	8	38	76	130	256
Total	20	59	852	4 005	5 685	10 621
Crude rate per 100 000 population						
Ischaemic heart diseases	0.2	1.4	27.6	312.9	2 035.3	128.1
Acute myocardial infarction	0.2	0.9	16.6	133.0	528.1	44.3
Other acute ischaemic heart diseases	-	0.1	0.9	13.1	99.6	5.8
Chronic ischaemic heart disease	-	0.3	10.1	166.2	1 405.1	77.8
Hypertensive diseases	0.1	0.5	7.6	67.5	290.5	23.0
Heart failure	-	0.1	3.2	40.5	396.2	21.0
Conduction disorders and cardiac arrhythmias	0.1	0.2	1.8	10.8	80.1	5.1
Cardiomyopathy	0.9	0.2	2.6	10.3	30.3	3.7
Valve disorders nonrheumatic	-	0.6	3.3	4.1	4.6	2.0
Chronic rheumatic heart diseases	-	0.3	1.6	5.5	13.9	1.9
Other forms of heart disease	0.3	0.5	2.2	8.7	66.7	4.6
Total	1.6	3.8	49.9	460.4	2 917.5	189.4

Table 32. Selected malignant neoplasms mortality 1970, 1980, 2010 - 2011

Location	1970	1980	2010	2011
Number of deaths				
Prostate (C61)	520	785	2 779	2 624
Trachea, bronchus and lung (C33-C34)	1 912	2 409	5 128	4 990
Breast (C50)	427	663	1 386	1 386
Intestine, except rectum (C17-C18)	492	742	2 057	2 000
Uterus, other and unspecified (C54-C55)	403	431	615	580
Cervix uteri (C53)	182	187	439	455
Other neoplasms of lymphatic and haematopoietic tissue (C81-C90, C96)	371	488	896	878
Stomach (C16)	690	638	863	813
Lip, oral cavity and pharynx (C00-C14)	435	367	668	750
Larynx (C32)	245	300	756	718
Esophagus (C15)	272	285	623	659
Leukaemia (C91-C95)	364	438	590	547
Melanoma of skin (C43-C44)	90	106	388	415
Rectum, rectosigmoid junction and anus (C19-C21)	187	213	232	281
Bones and connective tissues (C40-C41)	110	94	188	180
Crude rate per 100 000 population				
Prostate **	11.8	16.4	49.4	46.7
Trachea, bronchus and lung	22.3	24.6	45.6	44.4
Breast *	10.2	13.3	24.7	24.7
Intestine, except rectum	5.7	7.6	18.3	17.8
Uterus, other and unspecified *	9.6	8.6	11.0	10.3
Cervix uteri *	4.4	3.7	7.8	8.1
Other neoplasms of lymphatic and haematopoietic tissue	4.3	5.0	8.0	7.8
Stomach	8.0	6.5	7.7	7.2
Lip, oral cavity and pharynx	5.1	3.8	5.9	6.7
Larynx	2.9	3.1	6.7	6.4
Esophagus	3.2	2.9	5.5	5.9
Leukaemia	4.2	4.5	5.3	4.9
Melanoma of skin	1.0	1.1	3.5	3.7
Rectum, rectosigmoid junction and anus	2.2	2.2	2.1	2.5
Bones and connective tissues	1.3	1.0	1.7	1.6

* Female Population.

** Male Population.

Table 33. Selected malignant neoplasms mortality by sex. 2011

Location	Male		Female		Mortality sex ratio M/F
	Deaths	Rate	Deaths	Rate	
Trachea, bronchus and lung (C33-C34)	3 187	56.7	1 803	32.1	1.8
Intestine, except rectum (C17-C18)	814	14.5	1 186	21.1	0.7
Other neoplasms of lymphatic and haematopoietic tissue (C81-C90, C96)	480	8.5	398	7.1	1.2
Urinary tract (C64-C68)	557	9.9	264	4.7	2.1
Stomach (C16)	497	8.8	316	5.6	1.6
Lip, oral cavity and pharynx (C00-C14)	566	10.1	184	3.3	3.1
Larynx (C32)	631	11.2	87	1.6	7.2
Esophagus (C15)	534	9.5	125	2.2	4.3
Leukaemia (C91-C95)	309	5.5	238	4.2	1.3
Brain (C71)	262	4.7	238	4.2	1.1
Melanoma of skin (C43-C44)	244	4.3	171	3.0	1.4
Rectum, rectosigmoid junction and anus (C19- C21)	134	2.4	147	2.6	0.9
Bones and connective tissues (C40-C41)	101	1.8	79	1.4	1.3

Rate per 100 000 population.

Table 34. Malignant neoplasms mortality by age groups. Male sex. 2011

Location	<10	10-19	20-39	40-59	60-79	80 and over	Total
Number of deaths							
Trachea, bronchus and lung (C33-C34)	-	-	18	585	1 926	658	3 187
Prostate (C61)	-	-	-	98	1 226	1 300	2 624
Intestine, except rectum (C17-C18)	-	1	7	122	422	262	814
Larynx (C32)	-	-	2	185	329	115	631
Lip, oral cavity and pharynx (C00-C14)	-	-	3	187	281	95	566
Urinary tract (C64-C68)	7	-	2	60	320	168	557
Esophagus (C15)	-	-	3	174	274	83	534
Stomach (C16)	-	-	7	105	270	115	497
Other neoplasms of lymphatic and haematopoietic tissue (C81-C90, C96)	3	8	32	131	246	60	480
Pancreas (C25)	-	-	9	94	218	81	402
Liver and intrahepatic bile ducts (C22)	-	1	9	85	223	82	400
Leukaemia (C91-C95)	10	8	32	63	133	63	309
Brain (C71)	12	3	20	90	122	15	262
Melanoma of skin (C43-C44)	-	1	2	28	104	109	244
Rectum, rectosigmoid junction and anus (C19-C21)	-	-	4	26	69	35	134
Bones and connective tissues (C40-C41)	1	5	8	27	44	16	101
Breast (C50)	-	-	1	3	6	6	16
Crude rate per 100 000 population							
Trachea, bronchus and lung	-	-	1.1	35.0	240.7	439.9	56.7
Prostate	-	-	-	5.9	153.2	869.1	46.7
Intestine, except rectum	-	0.1	0.4	7.3	52.7	175.2	14.5
Larynx	-	-	0.1	11.1	41.1	76.9	11.2
Lip, oral cavity and pharynx	-	-	0.2	11.2	35.1	63.5	10.1
Urinary tract	1.1	-	0.1	3.6	40.0	112.3	9.9
Esophagus	-	-	0.2	10.4	34.2	55.5	9.5
Stomach	-	-	0.4	6.3	33.7	76.9	8.8
Other neoplasms of lymphatic and haematopoietic tissue	0.5	1.1	1.9	7.8	30.7	40.1	8.5
Pancreas	-	-	0.5	5.6	27.2	54.2	7.1
Liver and intrahepatic bile ducts	-	0.1	0.5	5.1	27.9	54.8	7.1
Leukaemia	1.6	1.1	1.9	3.8	16.6	42.1	5.5
Brain	1.9	0.4	1.2	5.4	15.2	10.0	4.7
Melanoma of skin	-	0.1	0.1	1.7	13.0	72.9	4.3
Rectum, rectosigmoid junction and anus	-	-	0.2	1.6	8.6	23.4	2.4
Bones and connective tissues	0.2	0.7	0.5	1.6	5.5	10.7	1.8
Breast	-	-	0.1	0.2	0.7	4.0	0.3

Table 35. Malignant neoplasms mortality by age groups. Female sex. 2011

Location	<10	10-19	20-39	40-59	60-79	80 and over	Total
Number of deaths							
Trachea, bronchus and lung (C33-C34)	-	-	7	405	987	404	1 803
Breast (C50)	-	-	40	422	621	303	1 386
Intestine, except rectum (C17-C18)	-	-	14	167	517	488	1 186
Uterus, other and unspecified (C54-C55)	-	-	23	151	289	117	580
Cervix uteri (C53)	-	-	45	195	174	41	455
Other neoplasms of lymphatic and haematopoietic tissue (C81-C90, C96)	1	4	24	88	217	64	398
Pancreas (C25)	-	-	2	67	198	121	388
Liver and intrahepatic bile ducts (C22)	-	1	5	64	209	107	386
Stomach (C16)	-	-	2	47	151	116	316
Urinary tract (C64-C68)	4	1	2	34	125	98	264
Brain (C71)	4	6	23	72	112	21	238
Leukaemia (C91-C95)	14	5	19	47	103	50	238
Lip, oral cavity and pharynx (C00-C14)	-	-	4	28	81	71	184
Melanoma of skin (C43-C44)	-	1	6	16	44	104	171
Rectum, rectosigmoid junction and anus (C19-C21)	-	-	2	32	76	37	147
Esophagus (C15)	-	-	2	18	75	30	125
Larynx (C32)	-	-	-	18	54	15	87
Bones and connective tissues (C40-C41)	1	1	5	17	35	20	79
Crude rate per 100 000 population							
Trachea, bronchus and lung	-	-	0.5	23.7	113.5	207.3	32.1
Breast	-	-	2.6	24.7	71.4	155.5	24.7
Intestine, except rectum	-	-	0.9	9.8	59.4	250.4	21.1
Uterus, other and unspecified	-	-	1.5	8.8	33.2	60.0	10.3
Cervix uteri	-	-	2.9	11.4	20.0	21.0	8.1
Other neoplasms of lymphatic and haematopoietic tissue	0.2	0.6	1.5	5.2	24.9	32.8	7.1
Pancreas	-	-	0.1	3.9	22.8	62.1	6.9
Liver and intrahepatic bile ducts	-	0.1	0.3	3.7	24.0	54.9	6.9
Stomach	-	-	0.1	2.8	17.4	59.5	5.6
Urinary tract	0.7	0.1	0.1	2.0	14.4	50.3	4.7
Brain	0.7	0.9	1.5	4.2	12.9	10.8	4.2
Leukaemia	2.4	0.7	1.2	2.8	11.8	25.7	4.2
Lip, oral cavity and pharynx	-	-	0.3	1.6	9.3	36.4	3.3
Melanoma of skin	-	0.1	0.4	0.9	5.1	53.4	3.0
Rectum, rectosigmoid junction and anus	-	-	0.1	1.9	8.7	19.0	2.6
Esophagus	-	-	0.1	1.1	8.6	15.4	2.2
Larynx	-	-	0.0	1.1	6.2	7.7	1.6
Bones and connective tissues	0.2	0.1	0.3	1.0	4.0	10.3	1.4

Table 36. Cerebrovascular diseases mortality by age groups. Male sex. 2011

Causes	<20	20-39	40-59	60-79	80 and over	Total
Number of deaths						
Cerebrovascular diseases (I60-I69)	6	57	466	1 867	1 756	4 152
Occlusion (I63)	1	4	114	745	801	1 665
Haemorrhage (I60-I62)	4	51	301	632	329	1 317
Other cerebrovascular diseases (I64,I67)	1	2	30	265	327	625
Sequelae of cerebrovascular disease (I69)	-	-	21	225	299	545
Crude rate per 100 000 population						
Cerebrovascular diseases	0.4	3.5	27.9	233.3	1 174.0	73.8
Occlusion	0.1	0.2	6.8	93.1	535.5	29.6
Haemorrhage	0.3	3.1	18.0	79.0	220.0	23.4
Other cerebrovascular diseases	0.0	0.1	1.8	33.1	218.6	11.1
Sequelae of cerebrovascular disease	-	-	1.3	28.1	199.9	9.7

Table 37. Cerebrovascular diseases mortality by age groups. Female sex. 2011

Causes	<20	20-39	40-59	60-79	80 and over	Total
Number of deaths						
Cerebrovascular diseases (I60-I69)	5	28	366	1 623	2 467	4 489
Occlusion (I63)	1	3	84	648	1 123	1 859
Haemorrhage (I60-I62)	4	24	229	564	422	1 243
Other cerebrovascular diseases (I64,I67)	-	1	31	235	485	752
Sequelae of cerebrovascular disease (I69)	-	-	22	176	437	635
Crude rate per 100 000 population						
Cerebrovascular diseases	0.4	1.8	21.4	186.6	1 266.0	80.0
Occlusion	0.1	0.2	4.9	74.5	576.3	33.1
Haemorrhage	0.3	1.5	13.4	64.8	216.6	22.2
Other cerebrovascular diseases	-	0.1	1.8	27.0	248.9	13.4
Sequelae of cerebrovascular disease	-	-	1.3	20.2	224.3	11.3

Table 38. Unintentional injuries mortality. Selected causes 1970, 1980, 2010 - 2011

Causes	1970	1980	2010	2011
Number of deaths				
Accidental falls *	429	662	2 003	2 028
Motor vehicle accidents	1 045	1 518	853	798
Accidental drowning and submersion	218	393	224	220
Other transport accidents	231	176	143	109
Accidental poisoning	74	35	88	108
Exposure to smoke, fire and flames	377	274	40	35
Crude rate per 100 000 population				
Accidental falls	5.0	6.8	17.8	18.1
Motor vehicle accidents	12.2	15.5	7.6	7.1
Accidental drowning and submersion	2.5	4.0	2.0	2.0
Other transport accidents	2.7	1.8	1.3	1.0
Accidental poisoning	0.9	0.4	0.8	1.0
Exposure to smoke, fire and flames	4.4	2.8	0.4	0.3

* Exclude sequelae of accidental falls.

Table 39. Unintentional injuries mortality. Selected causes by age groups. Male sex. 2011

Causes	<10	10-19	20-39	40-59	60-79	80 and over	Total*
Number of deaths							
Falls (W00-W19)**	2	9	35	95	254	500	895
Transport accidents (V01-V99)	4	27	244	241	154	59	729
Motor vehicle accidents	4	22	217	212	133	49	637
Other transport accidents	-	5	27	29	21	10	92
Pedestrian injured in transport accident (V01-V09)	1	12	39	80	75	45	252
Pedal cyclist injured in transport accident (V10-V19)	-	7	29	33	31	7	107
Accidental drowning and submersion (W65-W74)	10	26	58	76	33	7	211
Accidental poisoning (X40-X49)	1	1	13	61	20	-	96
Exposure to electric current (W85-W87)	1	9	36	36	5	1	88
Exposure to smoke, fire and flames (X00-X09)	1	-	2	5	11	2	21
Other accidents (W20-W64,W75-W84,W88-W99,X10-X39,X50-X59)	10	11	32	74	40	25	192
Crude rate per 100 000 population							
Falls	0.3	1.2	2.1	5.7	31.7	334.3	15.9
Transport accidents	0.6	3.7	14.8	14.4	19.2	39.4	13.0
Motor vehicle accidents	0.6	3.0	13.2	12.7	16.6	32.8	11.3
Other transport accidents	-	0.7	1.6	1.7	2.6	6.7	1.6
Pedestrian injured in transport accident	0.2	1.6	2.4	4.8	9.4	30.1	4.5
Pedal cyclist injured in transport accident	-	1.0	1.8	2.0	3.9	4.7	1.9
Accidental drowning and submersion	1.6	3.5	3.5	4.6	4.1	4.7	3.8
Accidental poisoning	0.2	0.1	0.8	3.7	2.5	-	1.7
Exposure to electric current	0.2	1.2	2.2	2.2	0.6	0.7	1.6
Exposure to smoke, fire and flames	0.2	-	0.1	0.3	1.4	1.3	0.4
Other accidents	1.6	1.5	1.9	4.4	5.0	16.7	3.4

* Include 1 death of unknown age.

** Exclude sequelae of accidental falls.

Table 40. Unintentional injuries mortality. Selected causes by age groups. Female sex. 2011

Causes	<10	10-19	20-39	40-59	60-79	80 and over	Total
Number of deaths							
Falls (W00-W19)*	4	1	7	23	256	842	1 133
Transport accidents (V01-V99)	5	19	62	42	35	15	178
Motor vehicle accidents	5	18	58	38	29	13	161
Other transport accidents	-	1	4	4	6	2	17
Pedestrian injured in transport accident (V01-V09)	2	3	12	14	23	13	67
Pedal cyclist injured in transport accident (V10-V19)	-	4	5	2	1	-	12
Exposure to smoke, fire and flames (X00-X09)	1	-	2	5	4	2	14
Accidental poisoning (X40-X49)	-	-	2	3	5	2	12
Accidental drowning and submersion (W65-W74)	5	1	-	1	2	-	9
Exposure to electric current (W85-W87)	-	2	4	1	-	-	7
Other accidents (W20-W64,W75-W84,W88-W99,X10-X39,X50-X59)	8	3	6	15	24	24	80
Crude rate per 100 000 population							
Falls	0.7	0.1	0.5	1.3	29.4	432.1	20.2
Transport accidents	0.8	2.7	4.0	2.5	4.0	7.7	3.2
Motor vehicle accidents	0.8	2.6	3.7	2.2	3.3	6.7	2.9
Other transport accidents	-	0.1	0.3	0.2	0.7	1.0	0.3
Pedestrian injured in transport accident	0.3	0.4	0.8	0.8	2.6	6.7	1.2
Exposure to smoke, fire and flames	-	0.6	0.3	0.1	0.1	-	0.2
Accidental poisoning	0.2	-	0.1	0.3	0.5	1.0	0.2
Accidental drowning and submersion	-	-	0.1	0.2	0.6	1.0	0.2
Exposure to electric current	0.8	0.1	-	0.1	0.2	-	0.2
Exposure to smoke, fire and flames	-	0.3	0.3	0.1	-	-	0.1
Other accidents	1.4	0.4	0.4	0.9	2.8	12.3	1.4

* Exclude sequelae of accidental falls.

Table 41. Infectious and parasitic diseases mortality. (A00-B99) 1970, 1975, 1980 – 2011

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	893	8.0	1.0

Note: Include AIDS.

Table 42. Intestinal infectious diseases mortality (A00-A09), 1975, 1980 – 2011

Years	Deaths	Rate *	% of all deaths	% of all deaths from infectious and parasitic diseases
1975	657	7.1	1.3	41.7
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	259	2.3	0.3	29.0

* Crude rate per 100 000 population.

Table 43. Maternal mortality. 2009 – 2011

Causes	Number of deaths			Ratio per 100 000 live births		
	2009	2010	2011*	2009	2010	2011
Direct obstetric deaths	39	38	42	30.0	29.7	31.6
Ectopic pregnancy (O00)	5	4	4	3.8	3.1	3.0
Pregnancy with abortive outcome, excludes ectopic pregnancy (O01-O08)	2	3	2	1.5	2.3	1.5
Complications predominantly related to the puerperium (O85-O92)	9	12	13	6.9	9.4	9.8
Obstetric embolism (O88)	7	2	6	5.4	1.6	4.5
Puerperal infections (O85-O86)	1	7	6	0.8	5.5	4.5
Complications of labour and delivery (O60-O66, O68-O71, O73-O75)	5	4	7	3.8	3.1	5.3
Placental disorders (O43-O45)	3	-	1	2.3	-	-
Other haemorrhages (O20, O46, O67, O72)	8	8	10	6.2	6.3	7.5
Hypertensive disorders (O11-O16)	2	2	3	1.5	1.6	2.3
Other complications (Remainder of O21-O23, O26, O29-O42, O47- O48, O95, A34, C58)	5	5	2	3.8	3.9	1.5
Indirect obstetrics deaths	22	17	12	16.9	13.3	9.0
Diseases of the circulatory system (O99.4)	3	2	1	2.3	1.6	0.8
Anaemia (O99.0)	1	5	1	0.8	3.9	0.8
Infectious and parasitic diseases (O98)	2	-	2	1.5	-	1.5
Diseases of the respiratory system complicating pregnancy, childbirth and the puerperium (O99.5)	13	7	2	10.0	5.5	1.5
Other diseases (Remainder of O10, O24-O25, O28, O99.1-O99.3, O99.6-O99.8, E23.0, M83.0, F53)	3	3	6	2.3	2.3	4.5
Maternal mortality	61	55	54	46.9	43.1	40.6

Note: Maternal mortality: Include direct and indirect causes.

Table 44. Mortality related to pregnancy, childbirth and the puerperium. 2009 – 2011

Causes	Number of deaths			Ratio per 100 000 live births		
	2009	2010	2011	2009	2010	2011
Direct obstetric deaths	39	38	42	30.0	29.7	31.6
Indirect obstetrics deaths	22	17	12	16.9	13.3	9.0
Other causes	11	3	5	8.5	2.3	3.8
Malignant neoplasms (C00-C97)	1	1	-	0.8	0.8	-
Disease of the respiratory system (J00-J99)	1	1	-	0.8	0.8	-
Assault (X85-Y09)	-	1	-	-	0.8	-
Mortality related to pregnancy, childbirth and the puerperium	72	58	59	55.4	45.4	44.3
Late maternal death	4	3	5	3.1	2.3	3.8
Death from sequelae of direct obstetric causes	1	3	3	0.8	2.3	2.3

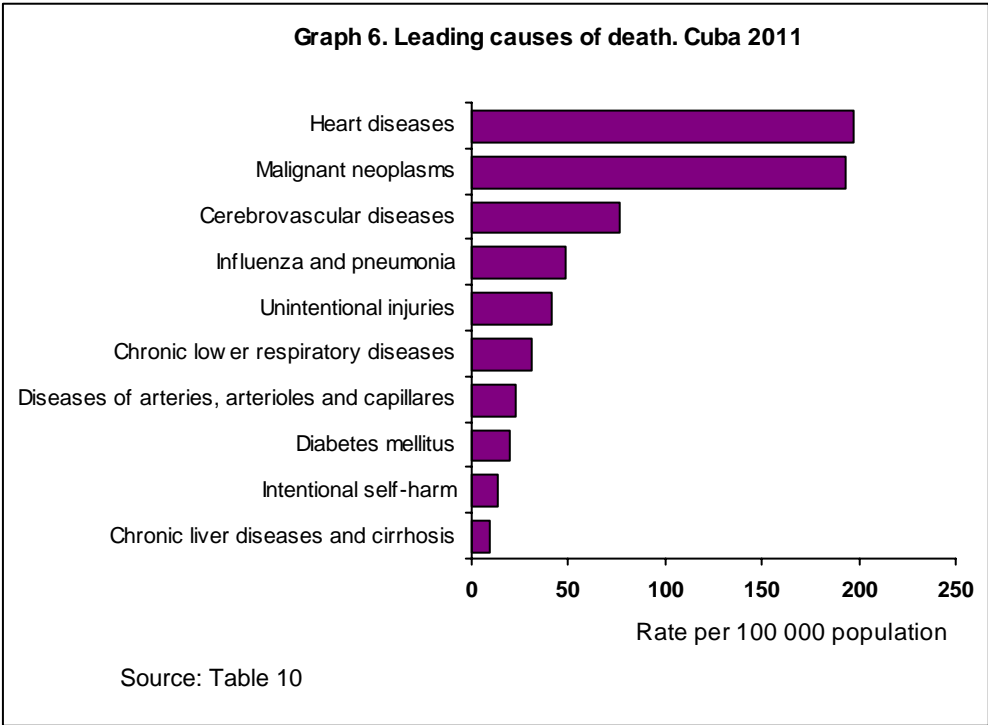
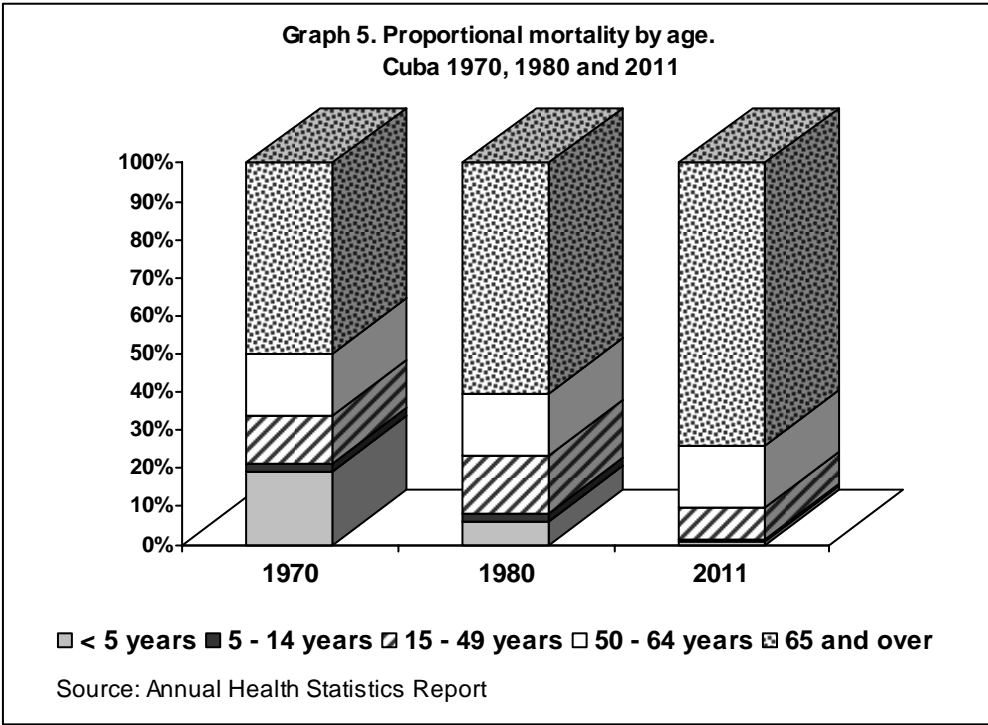
Definitions:

- **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.

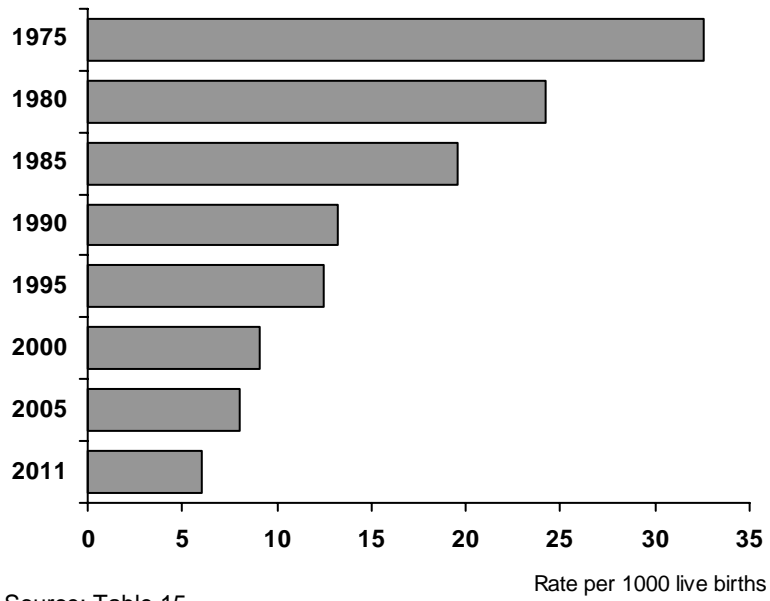
Table 45. Mortality from selected notifiable diseases. 1970, 1980, 2000, 2010- 2011

Causes	1970	1980	2000	2010	2011
Number of deaths					
Typhoid fever (A010)	2	1	2	-	-
Tuberculosis (A15-A19)	622	135	44	41	36
Diphtheria (A36)	1	-	-	-	-
Tetanus (A33-A35)	81	13	1	-	-
Acute poliomyelitis (A80)	-	-	-	-	-
Measles (B05)	43	3	-	-	-
Malaria (B50-B54) *	-	1	-	1	-
Syphilis (A50-A53)	24	3	1	2	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	0.4	0.3
Diphtheria	0.0	-	-	-	-
Tetanus	0.9	0.1	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 cases.



Graph 7. Under- five mortality rate. Cuba selected years



MORBIDITY

Table 46. Incidence of selected notifiable diseases. Selected years 2000, 2010– 2011

Diseases	2000			2010			2011		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Typhoid fever	37	25	12	-	-	-	1	-	1
Tuberculosis	1 133	880	253	779	591	188	751	558	193
Tuberculosis of meninges	2	-	2	-	-	-	1	1	-
Leprosy	278	145	133	248	137	111	254	142	112
Diphtheria	-	-	-	-	-	-	-	-	-
Whooping cough	-	-	-	-	-	-	-	-	-
Tetanus	1	1	-	1	1	-	1	1	-
Infant tetanus	-	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-
Rabies	1	1	-	-	-	-	-	-	-
Malaria *	38	25	13	10	9	1	6	2	4
Meningococcal meningitis	41	25	16	8	6	2	11	6	5
Gonorrhoea	19 067	13 848	5 219	4 210	2 706	1 504	5 190	3 434	1756
Syphilis	9 199	4 734	4 465	1 445	886	559	1 662	1 074	588
AIDS	258	198	60	764	638	126	467	394	73
Poliomyelitis	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-
Mumps	-	-	-	1	1	-	-	-	-
Leptospirosis	554	459	95	175	158	17	308	272	36
Haemophilus meningitis	35	24	11	16	10	6	9	7	2
Pneumococcal meningitis	188	104	84	72	37	35	93	55	38
Incidence rate per 100 000 population of the age									
Typhoid fever	0.3	0.4	0.2	-	-	-	0.0	-	0.0
Tuberculosis	10.1	15.8	4.6	6.9	10.5	3.4	6.7	9.9	3.4
Tuberculosis of meninges	0.0	-	0.0	-	-	-	0.0	0.0	-
Leprosy	2.5	2.6	2.4	2.2	2.4	2.0	2.3	2.5	2.0
Diphtheria	-	-	-	-	-	-	-	-	-
Whooping cough	-	-	-	-	-	-	-	-	-
Tetanus	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
Infant tetanus	-	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-
Rabies	0.0	0.0	-	-	-	-	-	-	-
Malaria	0.3	0.4	0.2	0.1	0.2	0.0	0.1	0.0	0.1
Meningococcal meningitis	0.4	0.4	0.3	0.1	0.1	0.0	0.1	0.1	0.1
Gonorrhoea	170.4	248.6	93.9	37.5	48.1	26.8	46.2	61.1	31.3
Syphilis	82.2	85.0	80.3	12.9	15.7	10.0	14.8	19.1	10.5
AIDS **	23.2	35.6	10.8	68.0	113.4	22.5	41.6	7.0	1.3
Poliomyelitis	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-
Mumps	-	-	-	0.0	0.0	-	-	-	-
Leptospirosis	5.0	8.2	1.7	1.6	2.8	0.3	2.7	4.8	0.6
Haemophilus meningitis	0.3	0.4	0.2	0.1	0.2	0.1	0.1	0.1	0.0
Pneumococcal meningitis	1.7	1.9	1.5	0.6	0.7	0.6	0.8	1.0	0.7

* Imported cases.

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

Table 47. Incidence of selected notifiable diseases by age. 2011

Diseases	< 1 year	1 – 14 years	15 years and over	Total
Cases				
Typhoid fever	-	-	1	1
Meningococcal meningitis	3	2	6	11
Meningococcaemia	-	2	-	2
Measles	-	-	-	-
Rubella	-	-	-	-
Chickenpox	707	20 805	10 111	31 623
Viral hepatitis	4	125	771	900
Mumps	-	-	-	-
Infectious mononucleosis	6	180	27	213
Whooping cough	-	-	-	-
Tetanus	-	1	-	1
Tuberculosis	1	12	738	751
Incidence rate per 100 000 population				
Typhoid fever	-	-	0.0	0.0
Meningococcal meningitis	2.6	0.1	0.1	0.1
Meningococcaemia	-	0.1	-	0.0
Measles	-	-	-	-
Rubella	-	-	-	-
Chickenpox	610.6	1 155.1	108.5	281.5
Viral hepatitis	3.5	6.9	8.3	8.0
Mumps	-	-	-	-
Infectious mononucleosis	5.2	10.0	0.3	1.9
Whooping cough	-	-	-	-
Tetanus	-	0.1	-	0.0
Tuberculosis	0.9	0.7	7.9	6.7

Table 48. Meningococcal infection incidence and mortality. 1980, 1985 – 2011

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

Crude rate per 100 000 population.

Table 49. Incidence of acute viral hepatitis by type. 1990 – 2011

Years	Acute viral hepatitis					Total
	A	B	C	Viral unspecified	Other spec.	
1990	5 834	1 769	71	5 540	-	13 214
1991	19 863	2 044	54	12 762	-	34 723
1992	21 180	2 194	33	8 566	-	31 973
1993	12 150	1 908	15	2 253	-	16 326
1994	14 664	1 747	26	1 487	-	17 924
1995	15 138	1 456	55	1 042	2	17 693
1996	20 805	1 695	157	1 217	7	23 881
1997	22 492	1 345	168	657	3	24 665
1998	15 558	1 026	88	426	-	17 098
1999	17 000	720	60	340	1	18 121
2000	17 338	451	51	480	-	18 320
2001	14 069	243	19	518	-	14 849
2002	13 484	132	23	510	-	14 149
2003	8 211	99	17	299	-	8 626
2004	9 860	62	10	291	-	10 223
2005	22 727	47	14	505	-	23 293
2006	25 176	34	12	1 313	3	26 538
2007	9 089	19	19	283	1	9 411
2008	4 737	18	12	81	2	4 850
2009	2 305	4	5	48	-	2 362
2010	1 135	14	79	44	-	1 272
2011	731	24	80	64	1	900

Rate per 100 000 population						
1990	55.0	16.7	0.7	52.2	-	124.6
1991	185.7	19.1	0.5	119.3	-	324.7
1992	195.7	20.3	0.3	79.2	-	295.5
1993	111.2	17.5	0.1	20.6	-	149.5
1994	133.0	15.8	0.2	13.5	-	162.6
1995	137.9	13.3	0.5	9.5	0.0	161.2
1996	189.0	15.4	1.4	11.1	0.1	217.0
1997	203.8	12.2	1.5	6.0	0.0	223.5
1998	139.9	9.2	0.8	3.8	-	153.7
1999	152.6	6.5	0.5	3.1	0.0	162.6
2000	155.0	4.0	0.5	4.3	-	163.8
2001	125.3	2.2	0.2	4.6	-	132.2
2002	119.8	1.2	0.2	4.5	-	125.7
2003	73.2	0.9	0.2	2.7	-	76.9
2004	87.8	0.6	0.1	2.6	-	91.0
2005	201.9	0.4	0.1	4.5	-	206.9
2006	224.0	0.3	0.1	11.7	0.0	236.1
2007	80.9	0.2	0.2	2.5	0.0	83.7
2008	42.1	0.2	0.1	0.7	0.0	43.2
2009	20.5	0.0	0.0	0.4	-	21.0
2010	10.1	0.1	0.7	0.4	-	11.3
2011	6.5	0.2	0.7	0.6	0.0	8.0

Table 50. Incidence of tuberculosis by age group and location. 1975, 1980, 2010 and 2011

Age	Location	1975		1980		2010		2011	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate
< 15 years	Total	37	2.4	29	2.1	22	1.1	13	0.7
	Pulmonary	25	1.6	22	1.6	20	1.0	12	0.6
	Extrapulmonary	12	0.8	7	0.5	2	0.1	1	0.1
15 – 64	Total	1 012	22.0	821	13.7	609	7.7	578	7.3
	Pulmonary	922	20.0	723	12.1	521	6.6	502	6.4
	Extrapulmonary	90	2.0	98	1.6	88	1.1	76	1.0
65 and over	Total	271	44.6	273	38.5	148	10.4	160	11.0
	Pulmonary	257	42.3	252	35.6	138	9.7	150	10.4
	Extrapulmonary	14	2.3	21	3.0	10	0.7	10	0.7
Total	Total	1 326	14.2	1 130	11.6	779	6.9	751	6.7
	Pulmonary	1 210	13.0	1 004	10.3	679	6.0	664	5.9
	Extrapulmonary	116	1.2	126	1.3	100	0.9	87	0.8

Rate per 100 000 population.

Table 51. Incidence of leprosy by age group and clinical type. 1975, 1980, 2010 and 2011

Age	Clinical type	1975		1980		2010		2011	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate
< 15 years	Total	14	0.1	11	0.4	7	0.4	10	0.5
	Undetermined	9	0.1	2	0.1	3	0.2	2	0.1
	Dimorphous	1	0.0	2	0.1	3	0.2	2	0.1
	Tuberculoid	1	0.0	-	-	1	0.1	2	0.1
	Lepromatous	3	0.0	7	0.2	-	-	4	0.2
15 years and over	Total	325	5.5	295	4.4	241	2.6	244	2.6
	Undetermined	82	1.4	96	1.4	45	0.5	56	0.6
	Dimorphous	16	0.3	50	0.7	90	1.0	88	0.9
	Tuberculoid	91	1.5	49	0.7	22	0.2	20	0.2
	Lepromatous	136	2.3	100	1.5	84	0.9	80	0.9
Total	Total	339	3.6	306	3.1	248	2.2	254	2.3
	Undetermined	91	1.0	98	1.0	48	0.4	58	0.5
	Dimorphous	17	0.2	52	0.5	93	0.8	90	0.8
	Tuberculoid	92	1.0	49	0.5	23	0.2	22	0.2
	Lepromatous	139	1.5	107	1.1	84	0.7	84	0.7

Rate per 100 000 population.

Table 52. Consultations for acute diarrhoea and respiratory diseases by age. 2011

Age	Acute diarrhoea		Acute respiratory	
	Cases	Rate	Cases	Rate
< 1	77 183	666.6	429 697	3 711.2
1 – 4	125 259	268.4	1 317 794	2 823.9
5 – 9	53 083	84.2	752 398	1 193.4
10 – 14	45 063	64.0	533 959	758.5
15 – 24	75 682	48.4	680 032	435.3
25 – 59	186 051	32.4	1 616 437	281.7
60 – 64	28 220	49.9	213 836	378.1
65 and over	64 644	44.6	481 314	332.2
Total *	655 351	58.3	6 025 489	536.5

* Include cases of unknown age.
Rate per 1 000 population.

Table 53. Women screened for detection of cervix cancer. 1970 – 2011

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

Rate per 1 000 women of 20 years and over.

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

Table 54. Women screened for detection of cervix cancer by age. 2010 – 2011

Age	2010		2011	
	Number	Rate	Number	Rate
25 – 29	121 062	376.1	123 273	345.2
30 – 34	101 285	260.7	88 533	273.0
35 – 39	131 127	254.3	121 068	260.0
40 and over	405 732	154.1	414 108	149.4
Total	759 206	196.8	746 982	190.6

Rate per 1 000 women of the age.

Table 55. Number of cases of cervix cancer by clinical stage. 1990 – 2011

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

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

* Include cases of unknown clinical stage.

Table 56. Incidence of cancer by sex and leading locations. 2008

MALE

Location	No.	Crude rate	Adjusted rate *
Bronchus, lung	3 479	61.8	43.3
Melanoma of skin	2 919	51.9	35.8
Prostate	2 760	49.0	28.8
Colon	942	16.7	11.1
Larynx	889	15.8	11.8
Bladder	666	11.8	7.9
Stomach	565	10.0	7.0
Haematopoietic system	522	9.3	7.2
Esophagus	515	9.2	6.7
Secondary and unspecified malignant neoplasm of lymph nodes	400	7.1	5.5
Total **	17 101	303.9	209.5

FEMALE

Location	No.	Crude rate	Adjusted rate *
Breast	2 559	45.6	30.7
Melanoma of skin	2 365	42.1	27.2
Bronchus, lung	1 887	33.6	21.9
Colon	1 211	21.6	12.3
Cervix uteri	1 078	19.2	13.4
Corpus uteri	528	9.4	6.5
Haematopoietic system	419	7.5	5.3
Pancreas	390	6.9	4.3
Ovary	385	6.9	5.1
Liver and intrahepatic bile ducts	350	6.2	3.8
Total **	14 656	261.1	171.4

* For the world population.

** Includes the rest of locations.

Rate per 100 000 population.

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

Table 57. Incidence of cancer in children under 20 years of age by location and age groups. 2008

Grupos diagnósticos	<1		1-4		5-9		10-14	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
I. Leukemia	3	27.2	22	42.6	16	22.3	15	20.6
-Lymphoid	-	-	12	23.2	2	2.8	7	9.6
-Acute non lymphocytic	-	-	2	3.9	3	4.2	1	1.4
-Other unspecified	3	27.2	8	15.5	11	15.3	7	9.6
II. Lymphoma and reticuloendotheliosis	-	-	6	11.6	8	11.1	12	16.5
-Hodgkin	-	-	1	1.9	1	1.4	3	4.1
-Non - Hodgkin	-	-	4	7.7	7	9.8	8	11.0
-Other unspecified	-	-	1	1.9	-	-	1	1.4
III. Central nervous system	-	-	14	27.1	18	25.1	12	16.5
-Ependymoma	-	-	1	1.9	2	2.8	2	2.8
-Astrocytoma	-	-	2	3.9	3	4.2	4	5.5
-Other gliomas	-	-	3	5.8	2	2.8	5	6.9
-Other unspecified	-	-	8	15.5	11	15.3	1	1.4
IV. Sympathetic Nervous System	1	9.1	6	11.6	1	1.4	-	-
-Neuroblastoma	1	9.1	5	9.7	1	1.4	-	-
-Peripheral nerves and autonomic nervous system, unspecified	-	-	1	1.9	-	-	-	-
V. Retinoblastomas	-	-	-	-	-	-	1	1.4
VI. Kidney	-	-	9	17.4	2	2.8	-	-
-Wilms tumor	-	-	2	3.9	1	1.4	-	-
-Other unspecified	-	-	7	13.5	1	1.4	-	-
VII. Hepatic tumors	-	-	1	1.9	-	-	-	-
-Hepatoblastoma	-	-	1	1.9	-	-	-	-
VIII. Bone tumors	-	-	1	1.9	2	2.8	7	9.6
-Osteosarcoma	-	-	-	-	-	-	2	2.8
-Ewing's Sarcoma	-	-	-	-	1	1.4	1	1.4
-Other unspecified	-	-	1	1.9	1	1.4	4	5.5
IX. Sarcoma of soft tissue	-	-	-	-	-	-	1	1.4
X. Germ cells tumors, trophoblastic and other tumors	-	-	1	1.9	-	-	2	2.8
XI. Carcinoma and other epithelial malignant tumors	-	-	1	1.9	2	2.8	-	-
-Malignant melanoma of skin	-	-	-	-	-	-	-	-
-Carcinoma of skin	-	-	1	1.9	1	1.4	-	-
-Carcinoma of thyroid	-	-	-	-	-	-	-	-
- Carcinoma of nasopharynx	-	-	-	-	1	1.4	-	-
XII. Other tumors unspecified	-	-	23	44.5	9	12.5	12	16.5
Total	4	36.3	84	162.6	58	80.8	62	85.3

Rate per 100 000 population.

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

**Table 57. Incidence of cancer in children under 20 years of age by location and age groups. 2008
(Continuation)**

Grupos diagnósticos	15-19		<15		<20		
	No.	Rate	No.	Rate	No.	CR	AR**
I. Leukemia	13	15.2	56	27.0	69	23.6	25.5
-Lymphoid	3	3.5	21	10.1	24	8.2	9.2
-Acute non lymphocytic	2	2.3	6	2.9	8	2.7	2.8
-Other unspecified	8	9.3	29	14.0	37	12.6	13.4
II. Lymphoma and reticuloendotheliosis	10	11.7	26	12.5	36	12.3	11.9
-Hodgkin	3	3.5	5	2.4	8	2.7	2.5
-Non - Hodgkin	6	7.0	19	9.2	25	8.5	8.3
-Other unspecified	1	1.2	2	1.0	3	1.0	1.0
III. Central nervous system	11	12.9	44	21.2	55	18.8	19.4
-Ependymoma	-	-	5	2.4	5	1.7	1.8
-Astrocytoma	3	3.5	9	4.3	12	4.1	4.0
-Other gliomas	1	1.2	10	4.8	11	3.8	3.9
-Other unspecified	7	8.2	20	9.7	27	9.2	9.7
IV. Sympathetic Nervous System	1	1.2	8	3.9	9	3.1	4.0
-Neuroblastoma	1	1.2	7	3.4	8	2.7	3.5
-Peripheral nerves and autonomic nervous system, unspecified	-	-	1	0.5	1	0.3	0.5
V. Retinoblastomas	-	-	1	0.5	1	0.3	0.3
VI. Kidney	2	2.3	11	5.3	13	4.4	5.4
-Wilms tumor	-	-	3	1.4	3	1.0	1.3
-Other unspecified	2	2.3	8	3.9	10	3.4	4.1
VII. Hepatic tumors	-	-	1	0.5	1	0.3	0.5
-Hepatoblastoma	-	-	1	0.5	1	0.3	0.5
VIII. Bone tumors	6	7.0	10	4.8	16	5.5	4.9
-Osteosarcoma	3	3.5	2	1.0	5	1.7	1.4
-Ewing's Sarcoma	-	-	2	1.0	2	0.7	0.7
-Other unspecified	3	3.5	6	2.9	9	3.1	2.8
IX. Sarcoma of soft tissue	1	1.2	1	0.5	2	0.7	0.6
X. Germ cells tumors, trophoblastic and other tumors	-	-	3	1.4	3	1.0	1.1
XI. Carcinoma and other epithelial malignant tumors	17	19.9	3	1.4	20	6.8	5.6
-Malignant melanoma of skin	1	1.2	-	-	1	0.3	0.3
-Carcinoma of skin	7	8.2	2	1.0	9	3.1	2.7
-Carcinoma of thyroid	7	8.2	-	-	7	2.4	1.8
-Carcinoma of nasopharynx	2	2.3	1	0.5	3	1.0	0.9
XII. Other tumors unspecified	24	28.0	44	21.2	68	23.2	23.8
Total	85	99.3	208	100.4	293	100.1	102.9

CR Crude rate

AR Adjusted rate

Rate per 100 000 population.

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

Table 58. Incidence of cancer in male population aged 15 years and over by leading locations and age groups. 2008

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
Bronchus, lung	1	0.2	-	-	1	0.3	5	1.0	14	2.7	51	9.4
Melanoma of skin	4	0.9	4	1.0	10	2.9	22	4.5	74	14.0	136	25.1
Prostate	-	-	-	-	-	-	-	-	2	0.4	5	0.9
Colon	-	-	2	0.5	2	0.6	1	0.2	7	1.3	24	4.4
Larynx	-	-	-	-	-	-	1	0.2	-	-	17	3.1
Bladder	-	-	-	-	-	-	2	0.4	4	0.8	9	1.7
Stomach	-	-	-	-	-	-	-	-	8	1.5	14	2.6
Esophagus	-	-	-	-	-	-	-	-	3	0.6	8	1.5
Haematopoietic system	8	1.8	9	2.2	6	1.7	9	1.9	10	1.9	18	3.3
Pancreas	-	-	1	0.2	1	0.3	3	0.6	4	0.8	11	2.0
Total *	41	9.3	52	13.0	58	16.7	86	17.8	206	39.0	456	84.3

Location	45 - 49		50 - 54		55 - 59		60 and over		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Bronchus, lung	126	34.9	212	67.3	339	115.4	2 728	320.7	3 477	76.2
Melanoma of skin	131	36.3	187	59.4	292	99.4	2 052	241.2	2 912	63.8
Prostate	8	2.2	45	14.3	103	35.1	2 593	304.9	2 756	60.4
Colon	19	5.3	49	15.6	69	23.5	768	90.3	941	20.6
Larynx	50	13.8	83	26.4	130	44.3	606	71.2	887	19.4
Bladder	15	4.2	20	6.4	54	18.4	562	66.1	666	14.6
Stomach	18	5.0	36	11.4	55	18.7	431	50.7	562	12.3
Esophagus	37	10.2	57	18.1	67	22.8	342	40.2	514	11.3
Haematopoietic system	29	8.0	28	8.9	43	14.6	323	38.0	483	10.6
Pancreas	14	3.9	19	6.0	38	12.9	308	36.2	399	8.7
Total *	654	181.1	1 003	318.5	1 562	531.9	12 838	1 509.3	16 956	371.7

* Includes the rest of locations.

Rate per 100 000 population.

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

Table 59. Incidence of cancer in female population aged 15 years and over by leading locations and age groups. 2008

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	-	-	1	0.3	3	0.9	31	6.6	113	21.6	193	35.3
Melanoma of skin	4	1.0	6	1.6	18	5.5	30	6.4	93	17.8	118	21.6
Bronchus, lung	-	-	3	0.8	3	0.9	1	0.2	17	3.2	41	7.5
Colon	2	0.5	2	0.5	2	0.6	1	0.2	4	0.8	23	4.2
Cervix uteri	1	0.2	12	3.2	34	10.5	66	14.2	129	24.7	158	28.9
Corpus uteri	-	-	2	0.5	4	1.2	4	0.9	9	1.7	21	3.8
Haematopoietic system	6	1.4	5	1.3	3	0.9	9	1.9	15	2.9	22	4.0
Pancreas	-	-	2	0.5	2	0.6	-	-	3	0.6	8	1.5
Ovary	-	-	9	2.4	7	2.2	7	1.5	15	2.9	31	5.7
Thyroid gland	-	-	-	-	-	-	1	0.2	1	0.2	7	1.3
Total *	44	10.6	77	20.4	113	34.8	209	44.8	486	92.9	769	140.7

Location	45 - 49		50 - 54		55 - 59		60 and over		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Breast	276	73.9	230	69.7	301	97.5	1 408	149.8	2 556	55.5
Melanoma of skin	162	43.4	206	62.4	237	76.7	1 480	157.5	2 354	51.1
Bronchus, lung	89	23.8	128	38.8	253	81.9	1 352	143.9	1 887	41.0
Colon	26	7.0	57	17.3	82	26.6	1 010	107.5	1 209	26.2
Cervix uteri	139	37.2	99	30.0	130	42.1	307	32.7	1 075	23.3
Corpus uteri	25	6.7	41	12.4	58	18.8	364	38.7	528	11.5
Haematopoietic system	26	7.0	19	5.8	31	10.0	263	28.0	399	8.7
Pancreas	8	2.1	18	5.5	35	11.3	313	33.3	389	8.4
Ovary	51	13.7	54	16.4	49	15.9	160	17.0	383	8.3
Thyroid gland	19	5.1	18	5.5	19	6.2	285	30.3	350	7.6
Total *	1 037	277.8	1 112	336.9	1 522	492.8	9 189	977.7	14 558	316.1

* Includes the rest of locations.

Rate per 100 000 population.

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

Table 60. Incidence of cancer in population aged 15 – 29 years by leading locations, sex and age groups. 2008

MALE

Location	15 - 19		20 - 24		25- 29		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Secondary and unspecified malignant neoplasm of lymph	6	1.4	6	1.5	15	4.3	27	2.3
Haematopoietic system	8	1.8	9	2.2	6	1.7	23	1.9
Melanoma of skin	4	0.9	4	1.0	10	2.9	18	1.5
Brain	5	1.1	5	1.2	2	0.6	12	1.0
Thyroid gland	3	0.7	4	1.0	3	0.9	10	0.8
Testis	-	-	3	0.7	3	0.9	6	0.5
Bone tumors	4	0.9	-	-	1	0.3	5	0.4
Connective and soft tissue	1	0.2	3	0.7	1	0.3	5	0.4
Colon	-	-	2	0.5	2	0.6	4	0.3
Eye and adnexa	1	0.2	1	0.2	1	0.3	3	0.3
Total*	41	9.3	52	13.0	58	16.7	151	12.7

FEMALE

Location	15 - 19		20 - 24		25- 29		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Cervix uteri	1	0.2	12	3.2	34	10.5	47	4.2
Thyroid gland	4	1.0	11	2.9	13	4.0	28	2.5
Melanoma of skin	4	1.0	6	1.6	18	5.5	28	2.5
Secondary and unspecified malignant neoplasm of lymph	8	1.9	7	1.9	4	1.2	19	1.7
Ovary	-	-	9	2.4	7	2.2	16	1.4
Haematopoietic system	6	1.4	5	1.3	3	0.9	14	1.3
Brain	7	1.7	5	1.3	-	-	12	1.1
Bronchus, lung	-	-	3	0.8	3	0.9	6	0.5
Colon	2	0.5	2	0.5	2	0.6	6	0.5
Corpus uteri	-	-	2	0.5	4	1.2	6	0.5
Total*	44	10.6	77	20.4	113	34.8	234	20.9

* Includes the rest of locations.

Rate per 100 000 population.

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

Table 61. Incidence of cancer in population aged 30 – 44 years by leading locations, sex and age groups. 2008

MALE

Location	30 - 34		35 - 39		40- 44		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Melanoma of skin	22	4.5	74	14.0	136	25.1	232	14.9
Bronchus, lung	5	1.0	14	2.7	51	9.4	70	4.5
Lymph nodes specified as secondary and unspecified	9	1.9	14	2.7	21	3.9	44	2.8
Brain	7	1.4	11	2.1	25	4.6	43	2.8
Haematopoietic system	9	1.9	10	1.9	18	3.3	37	2.4
Colon	1	0.2	7	1.3	24	4.4	32	2.1
Stomach	-	-	8	1.5	14	2.6	22	1.4
Rectum	3	0.6	7	1.3	11	2.0	21	1.4
Pancreas	3	0.6	4	0.8	11	2.0	18	1.2
Larynx	1	0.2	-	-	17	3.1	18	1.2
Total*	86	17.8	206	39.0	456	84.3	748	48.1

FEMALE

Location	30 - 34		35 - 39		40- 44		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Cervix uteri	66	14.2	129	24.7	158	28.9	353	23.0
Breast	31	6.6	113	21.6	193	35.3	337	21.9
Melanoma of skin	30	6.4	93	17.8	118	21.6	241	15.7
Thyroid gland	19	4.1	29	5.5	21	3.8	69	4.5
Bronchus, lung	1	0.2	17	3.2	41	7.5	59	3.8
Ovary	7	1.5	15	2.9	31	5.7	53	3.5
Haematopoietic system	9	1.9	15	2.9	22	4.0	46	3.0
Brain	6	1.3	10	1.9	19	3.5	35	2.3
Corpus uteri	4	0.9	9	1.7	21	3.8	34	2.2
Uterus, part unspecified	5	1.1	10	1.9	14	2.6	29	1.9
Total*	209	44.8	486	92.9	769	140.7	1 464	95.3

* Include the rest of locations.

Rate per 100 000 population.

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

Table 62. Incidence of cancer in population aged 45 – 59 years by leading locations, sex and age groups. 2008

MALE

Location	45 - 49		50 - 54		55 - 59		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Bronchus, lung	126	34.9	212	67.3	339	115.4	677	69.8
Melanoma of skin	131	36.3	187	59.4	292	99.4	610	62.9
Larynx	50	13.8	83	26.4	130	44.3	263	27.1
Esophagus	37	10.2	57	18.1	67	22.8	161	16.6
Prostate	8	2.2	45	14.3	103	35.1	156	16.1
Colon	19	5.3	49	15.6	69	23.5	137	14.1
Stomach	18	5.0	36	11.4	55	18.7	109	11.2
Haematopoietic system	29	8.0	28	8.9	43	14.6	100	10.3
Bladder	15	4.2	20	6.4	54	18.4	89	9.2
Lymph nodes specified as secondary and unspecified	21	5.8	20	6.4	46	15.7	87	9.0
Total*	654	181.1	1 003	318.5	1 562	531.9	3 219	332.0

FEMALE

Location	45 - 49		50 - 54		55 - 59		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Breast	276	73.9	230	69.7	301	97.5	807	79.7
Melanoma of skin	162	43.4	206	62.4	237	76.7	605	59.8
Bronchus, lung	89	23.8	128	38.8	253	81.9	470	46.4
Cervix uteri	139	37.2	99	30.0	130	42.1	368	36.4
Colon	26	7.0	57	17.3	82	26.6	165	16.3
Ovary	51	13.7	54	16.4	49	15.9	154	15.2
Corpus uteri	25	6.7	41	12.4	58	18.8	124	12.3
Haematopoietic system	26	7.0	19	5.8	31	10.0	76	7.5
Brain	22	5.9	20	6.1	32	10.4	74	7.3
Stomach	15	4.0	18	5.5	29	9.4	62	6.1
Total*	1 037	277.8	1 112	336.9	1 522	492.8	3 671	364.7

* Include the rest of locations.

Rate per 100 000 population.

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

Table 63. Incidence of cancer in males aged 60 years and over by leading locations and age groups. 2008

Location	60 – 64		65 – 69		70 – 74		75 – 79	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Bronchus, lung	511	202.2	540	259.6	506	344.6	485	442.9
Prostate	173	68.4	301	144.7	403	274.5	540	493.1
Melanoma of skin	339	134.1	392	188.5	386	262.9	341	311.4
Colon	103	40.7	127	61.1	141	96.0	140	127.8
Larynx	148	58.5	149	71.6	113	77.0	91	83.1
Bladder	70	27.7	116	55.8	102	69.5	98	89.5
Stomach	76	30.1	83	39.9	75	51.1	74	67.6
Esophagus	57	22.5	83	39.9	57	38.8	72	65.7
Haematopoietic system	48	19.0	60	28.8	68	46.3	62	56.6
Pancreas	50	19.8	56	26.9	58	39.5	55	50.2
Total *	1 997	790.0	2 327	1 118.9	2 274	1 548.7	2 353	2 148.7

Location	80 – 84		85 and over		Total	
	No.	Rate	No.	Rate	No.	Rate
Bronchus, lung	337	471.0	349	563.5	2 728	320.7
Prostate	538	752.0	638	1 030.1	2 593	304.9
Melanoma of skin	291	406.7	303	489.2	2 052	241.2
Colon	130	181.7	127	205.1	768	90.3
Larynx	63	88.1	42	67.8	606	71.2
Bladder	90	125.8	86	138.9	562	66.1
Stomach	68	95.0	55	88.8	431	50.7
Esophagus	40	55.9	33	53.3	342	40.2
Haematopoietic system	55	76.9	30	48.4	323	38.0
Pancreas	51	71.3	38	61.4	308	36.2
Total *	1 910	2 669.7	1 977	3 192.1	12 838	1 509.3

* Include the rest of locations.

Rate per 100 000 population.

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

Table 64. Incidence of cancer in females aged 60 years and over by leading locations and age groups. 2008

Location	60 – 64		65 – 69		70 – 74		75 – 79	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Melanoma of skin	241	90.0	262	121.0	263	163.0	264	213.8
Breast	285	106.4	287	132.5	258	159.9	228	184.7
Bronchus, lung	268	100.1	246	113.6	237	146.9	223	180.6
Colon	104	38.8	153	70.6	152	94.2	152	123.1
Corpus uteri	83	31.0	87	40.2	72	44.6	51	41.3
Pancreas	41	15.3	51	23.5	63	39.0	50	40.5
Cervix uteri	91	34.0	69	31.9	50	31.0	41	33.2
Liver and intrahepatic bile ducts	36	13.4	45	20.8	52	32.2	47	38.1
Haematopoietic system	42	15.7	46	21.2	53	32.8	45	36.4
Stomach	38	14.2	47	21.7	33	20.5	52	42.1
Total *	1 623	606.1	1 691	780.7	1 630	1 010.2	1 528	1 237.6

Location	80 – 84		85 and over		Total	
	No.	Rate	No.	Rate	No.	Rate
Melanoma of skin	220	255.2	230	272.4	1 480	157.5
Breast	167	193.7	183	216.8	1 408	149.8
Bronchus, lung	179	207.7	199	235.7	1 352	143.9
Colon	180	208.8	269	318.6	1 010	107.5
Corpus uteri	41	47.6	30	35.5	364	38.7
Pancreas	49	56.8	59	69.9	313	33.3
Cervix uteri	27	31.3	29	34.3	307	32.7
Liver and intrahepatic bile ducts	49	56.8	56	66.3	285	30.3
Haematopoietic system	40	46.4	37	43.8	263	28.0
Stomach	37	42.9	51	60.4	258	27.5
Total *	1 265	1 467.6	1 452	1 719.8	9 189	977.7

* Include the rest of locations.

Rate per 100 000 population.

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

Table 65. Total doses administered by type of vaccine. 1962 – 2011

Type of vaccine	Total doses administered
Tetanus toxoid vaccine (TT)	81 485 460
Oral poliovirus vaccine (OPV)	79 524 431
Typhoid vaccine (AT)	38 749 986
Diphtheria, tetanus and pertussis vaccine (DPT)	31 875 558
Diphtheria and tetanus toxoid vaccine (DT)	13 642 797
BCG vaccine	12 893 611
Meningococcal type B – C vaccine (AM-BC) (1)	11 736 376
Hepatitis B vaccine (HB) (2)	11 879 998
Measles, mumps, and rubella vaccine (MMR) (3)	6 861 204
H. influenzae (Hib) (4)	4 780 976
DPT + HB (5)	439 799
(DPT+HB+Hib) (6)	1 908 857

(1) Vaccination began at 1988.

(2) Vaccination began at 1992.

(3) Vaccination began at 1986.

(4) Vaccination began at 1999.

(5) Vaccination 2005 to 2007.

(6) Vaccination began at 2006.

Table 66. Low birth-weight. 1985 – 2011

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	7 018	5.3

HEALTH PERSONNEL AND RESOURCES

Table 67. Health budget and per capita expenses. 1959, 1960, 1965 – 2011

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
1966	157 689 600	19.82
1967	158 591 400	19.57
1968	180 241 300	21.83
1969	210 937 500	25.07
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

Table 68. Health personnel. 1980 – 2011

Years	Total	Percent of women	% from 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

Table 69. Health personnel by occupation and sex. 2011

Personnel	Workers		Females	
	Number	Per 10 000 population	Number	% of the total
Total workers	497 021	442.5	346 818	69.8
Of them:				
Nursing staff:	96 424	85.8	82 678	85.7
Bachelor in nursery	53 264	47.4	46 046	86.4
Nurses	36 080	32.1	31 279	86.7
Basic	7 080	6.3	5 353	75.6
Nurses aides	-	-	-	-
Technicians *	75 910	67.6	56 542	74.5
Clinical and microbiological laboratory	5 779	5.1	4 924	85.2
Blood bank	1 086	1.0	929	85.5
X Ray	2 923	2.6	1 496	51.2
Dentistry	5 993	5.3	5 370	89.6
Pharmacy	4 190	3.7	3 859	92.1
Epidemiology and hygiene	2 119	1.9	1 371	64.7
Ophthalmology	1 517	1.4	1 188	78.3
Social worker	1 819	1.6	1 570	86.3
Physiotherapy and rehabilitation	3 984	3.5	2 830	71.0
Health statistic	1 914	1.7	1 726	90.2
Orthopedic bandage	416	0.4	172	41.3
Orthopedic prosthesis and orthosis	257	0.2	133	51.8
Dietetic	1 066	0.9	948	88.9
Psychiatric ergo therapy	107	0.1	95	88.8
Psychological testing	614	0.5	547	89.1
Logopedic and phoniatic	534	0.5	463	86.7
Medical radio physic	128	0.1	61	47.7
Cytohistopathology	395	0.4	321	81.3
Podiatry	1 215	1.1	986	81.2
Other technicians	39 854	35.5	27 553	69.1
Basic technicians	12 356	11.0	8 570	69.4

* Excludes nurses.

Table 70. Physicians and dentists. 1975, 1980, 1985, 1990 – 2011

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

Note: Family physicians in the community: 13 367.
Source: Registration of Professionals of the Health.

Table 71. Cuban health collaboration by regions and countries. December 2011

Americas regions	
Antigua and Barbuda	Honduras
Argentina	Jamaica
Aruba	Nicaragua
Belice	Paraguay
Bolivia	Peru
Bonaire	Bolivarian Republic of Venezuela
Dominica	Saint Kitts and Nevis
Ecuador	Saint Vincent and the Grenadines
El Salvador	Saint Lucia
Grenada	Suriname
Guatemala	Trinidad and Tobago
Guyana	Uruguay
Haiti	
African regions	
South Africa	Guinea Conakry
Angola	Lesotho
Botswana	Mali
Burkina Faso	Mozambique
Burundi	Namibia
Cape Verde	Niger
Congo	RASD
Djibouti	Sao Tome and Principe
Eritrea	Seychelles
Ethiopia	Sierra Leone
Gabon	Swazilandia
Gambia	Tanzania
Ghana	Uganda
Equatorial Guinea	Zimbabwe
Guinea Bissau	
Eastern mediterranean regions	
Algeria	Yemen
Qatar	
South east Asia regions	
Laos	Vanuatu
Kiribati	Tuvalu
China	Timor Leste
Solomon Islands	Nauru
European regions	
Ukraine	Portugal

Source: Central Unit of Collaboration.

**Table 72. Comprehensive health care program participating countries by continent.
December 2011**

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

Source: Central Unit of Collaboration.

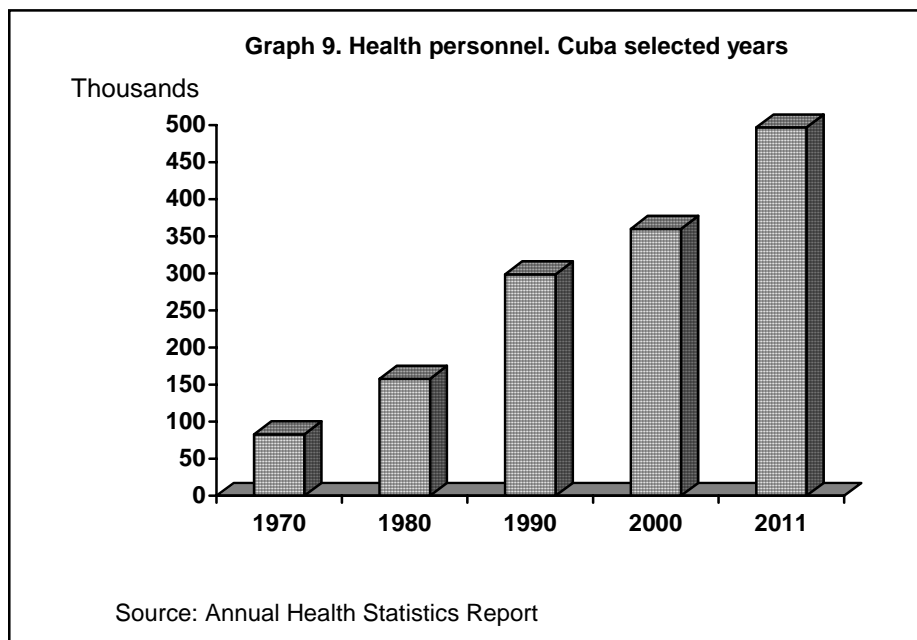
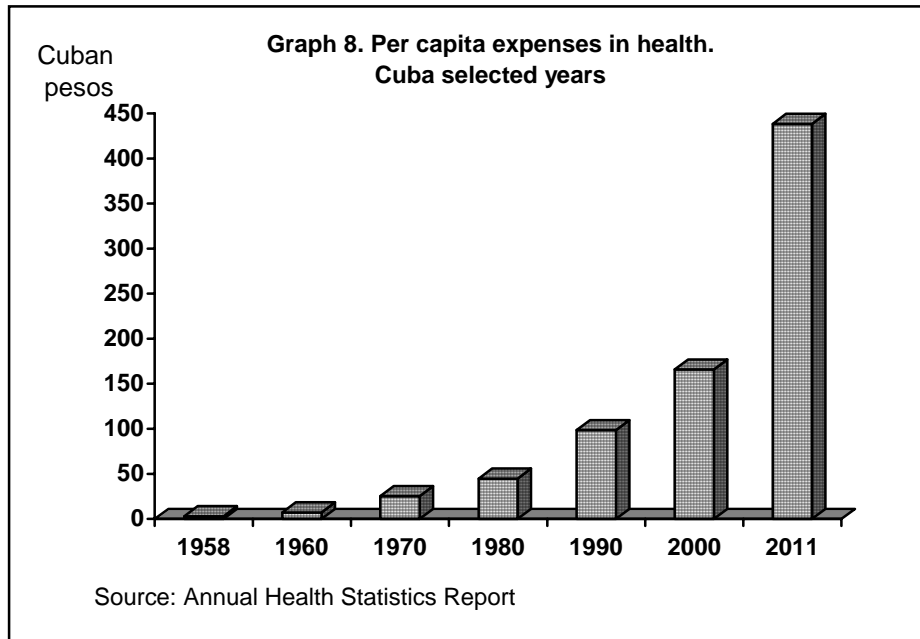
Table 73. Health care facilities by type. 2011

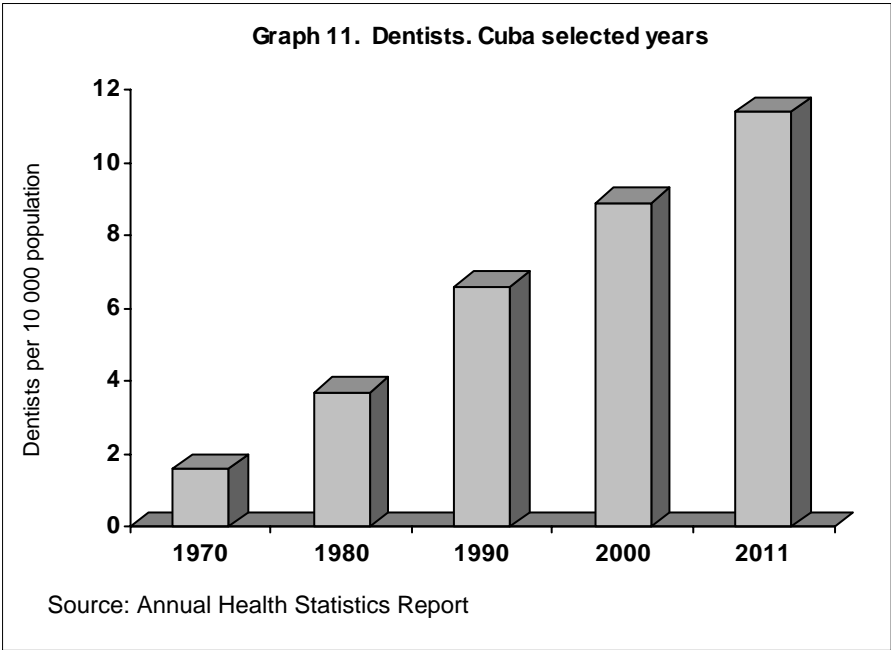
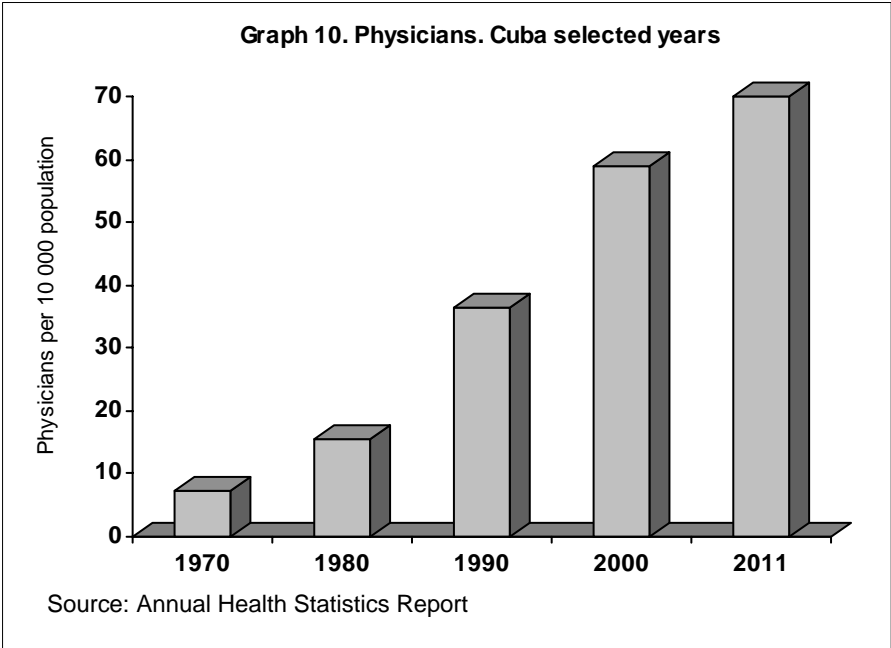
Facilities	Number
Medical care	
Hospitals	
General	57
Clinical and surgical	34
Pediatrics	23
Gynecological and obstetrics	12
Maternal and infant care	4
Oncological	2
Orthopedic	2
Psychiatric	18
Cardiocenter	2
Endoscopic Surgery Center	1
Ophthalmologic	1
Antituberculosis	1
Leprosarium	1
Rehabilitation	3
Total	161
Research institutes	14
Clinical of Retinosis Pigmentaria	8
Polyclinics	452
Dental clinics	126
Maternal home	143
Blood banks	26
Social service	
Elderly homes	124
Ambulatory elderly homes	224
Disable homes	31

Table 74. Medical care and social service beds. 1985 – 2011

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

* Includes beds of private facilities.





SERVICES

Table 75. Medical and dental visits. 1982 – 2011

Years	Medical			Dental	Total
	Outpatient	Emergency room	Sub-total		
Visits					
1982	32 016 768	17 397 342	49 414 110	10 964 105	60 378 215
1983	33 412 974	18 188 616	51 601 590	11 100 928	62 702 518
1984	35 991 934	19 283 952	55 275 886	12 176 561	67 452 447
1985	39 166 669	20 473 707	59 640 376	13 767 766	73 408 142
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	20 455 298	78 338 576	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
Visits per inhabitant					
1982	3.3	1.8	5.0	1.1	6.2
1983	3.4	1.8	5.2	1.1	6.4
1984	3.6	1.9	5.6	1.2	6.8
1985	3.9	2.0	5.9	1.4	7.3
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

Table 76. Pediatric visits by age groups. 1987 – 2011

Years	Under 1 year of age		1 – 4 years of age	
	Visits	Visits per inhabitant	Visits	Visits per inhabitant
1987	3 152 697	17.2	3 624 422	5.7
1988	3 555 005	19.7	3 530 156	5.3
1989	3 657 739	19.9	3 639 563	5.3
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

Includes healthy baby visits.

Table 76. Pediatric visits by age groups. 1987 – 2011. (Continuation)

Years	5 – 14 years of age		Total *	
	Visits	Visits per inhabitant	Visits	Visits per inhabitant
1987	3 779 642	2.2	10 556 761	4.1
1988	3 602 851	2.2	10 688 012	4.3
1989	3 427 011	2.2	10 724 313	4.4
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

Includes healthy baby visits.

* Includes visits of unknown age.

Table 77. Healthy baby visits by age groups. 1980 – 2011

Years	Under 1 year of age		1 – 14 years of age		Total	
	Visits	Visits per inhab.	Visits	Visits per inhab.	Visits	Visits per inhab.
1980	1 055 029	8.3	575 566	0.2	1 630 595	0.5
1981	1 133 445	8.5	490 575	0.2	1 624 048	0.5
1982	1 248 025	7.7	577 587	0.2	1 825 612	0.6
1983	1 434 172	8.7	718 189	0.5	2 152 361	0.8
1984	1 487 806	8.7	881 423	0.3	2 369 229	0.9
1985	1 607 689	9.8	975 028	0.4	2 582 717	1.0
1986	1 735 917	9.6	1 124 485	0.5	2 860 402	1.1
1987	1 775 962	9.7	1 185 024	0.5	2 960 986	1.2
1988	1 994 582	11.1	1 155 943	0.5	3 150 525	1.3
1989	2 016 538	11.0	1 149 187	0.5	3 165 725	1.3
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

Table 78. Selected surgical indicators. 1990-2011

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

Table 79. Hospital bed occupancy rates by selected medical specialties. 1990, 2000 and 2011

Specialty	1990	2000	2011	1990	2000	2011
	Average length of stay			Occupancy rate		
Medicine except psychiatry	10.9	9.3	7.8	81.7	73.9	73.2
Psychiatry	66.0	50.0	269.7	86.7	83.9	83.0
Surgery except pediatric surgery	11.3	8.4	7.3	79.8	62.2	65.8
Pediatric surgery	6.4	5.7	4.3	67.3	52.5	50.7
Obstetrics	6.5	6.8	6.9	82.2	77.6	77.3
Gynecology except abortions	4.1	3.3	3.0	77.1	66.6	65.2
Pediatric	5.7	4.8	4.3	61.5	56.4	61.4
Neonatology	7.9	7.4	7.5	66.0	49.4	60.5
Total	10.0	9.4	8.3	78.5	69.4	70.8

Specialty	Rotation rate			Substitution interval		
Medicine except psychiatry	27.4	29.1	34.4	2.4	3.3	2.8
Psychiatry	4.2	4.0	5.1	11.6	14.8	12.3
Surgery except pediatric surgery	25.9	27.2	33.1	2.8	5.1	3.8
Pediatric surgery	38.4	33.7	43.5	3.1	5.2	4.1
Obstetrics	45.9	41.5	40.9	1.4	2.0	2.0
Gynecology except abortions	67.9	73.6	79.6	1.2	1.7	1.6
Pediatric	42.6	43.0	51.5	2.9	3.7	2.7
Neonatology	30.3	24.3	29.6	4.1	7.6	4.9
Total	28.7	26.9	31.0	2.7	4.2	3.4

Specialty		Admissions per 100 population.			Patient-days per 100 population		
Medicine except psychiatry	(1)	4.5	3.7	3.1	49.1	34.6	17.4
Psychiatry	(2)	0.4	0.3	0.3	26.9	23.1	15.8
Surgery except pediatric surgery	(1)	3.8	3.0	2.4	42.2	24.9	17.4
Pediatric surgery	(3)	2.3	1.7	1.7	14.6	9.5	7.2
Obstetrics	(4)	10.4	9.0	8.5	68.0	61.6	58.7
Gynecology except abortions	(5)	2.8	2.2	1.5	11.4	7.4	4.6
Pediatric	(3)	15.3	10.7	11.5	86.9	51.4	50.0
Neonatology	(6)	23.2	21.6	22.7	181.2	161.0	168.9
Total	(2)	15.2	11.9	10.4	151.3	112.3	86.8

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

- (1) Population of 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 and over.
- (6) Live births.

Table 80. Bed occupancy rates by type of hospital. 1990, 2000 and 2011

Type of hospital	1990	2000	2011	1990	2000	2011
	Average length of stay			Occupancy rate		
General	7.4	7.2	6.6	74.5	67.3	70.9
Clinical and surgical	12.3	9.6	8.4	79.0	69.6	70.8
Gynecological and obstetric	5.8	5.7	6.0	75.6	71.0	73.5
Mother and child	6.4	6.9	5.7	64.6	65.4	58.7
Pediatric	6.4	5.8	5.1	63.2	59.8	62.1
Rural	7.4	8.7	9.0	57.0	45.5	50.8

Type of hospital	Rotation rate			Substitution interval		
General	38.3	34.3	39.0	2.2	3.5	2.7
Clinical and surgical	25.0	26.5	30.9	2.3	4.2	3.4
Gynecological and obstetric	49.6	45.9	44.9	1.6	2.3	2.2
Mother and child	38.1	34.9	37.8	3.2	3.6	4.0
Pediatric	40.1	38.0	44.5	2.7	3.9	3.1
Rural	29.0	19.0	20.6	5.2	10.5	8.7

Type of hospital		Admissions per 100 population			Patient-days per 100 population		
General	(1)	5.3	4.5	4.5	38.7	32.2	30.1
Clinical and surgical	(1)	3.1	2.6	2.1	38.5	25.2	17.9
Gynecological and obstetric	(2)	5.2	3.6	2.2	50.0	20.3	13.0
Mother and child	(3)	0.8	0.7	0.6	4.9	4.9	3.6
Pediatric	(4)	11.4	8.5	8.9	72.5	48.9	45.3
Rural	(5)	1.8	0.9	0.2	13.4	7.7	1.8

Rates calculated with real beds on the basis of:

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

Table 81. Hospital admissions. 1970, 1975, 1980 – 2011

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

Table 82. Maternal home admissions. 1975 – 2011

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

Includes admissions in day program maternity home.

Table 83. Residents in elderly home by sex. 1996 – 2011

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
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
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

Table 84. Blood donations. 1980, 1985 – 2011

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

HEALTH PERSONNEL TRAINING

Table 85. Health professional graduates by specialty. 1959 – 2011

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
Total	114 250	16 957	64 620	51 279	821	247 927

* Includes two graduating classes.

** Course duration extended 4 to 5 years.