

2018

HEALTH CARE SITUATION IN CUBA

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BASIC INDICATORS



REPUBLIC OF CUBA

MINISTRY OF PUBLIC HEALTH
MEDICAL RECORDS AND
HEALTH STATISTICS BUREAU



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Oficina Regional de la
Organización Mundial de la Salud



INTRODUCTION

The Medical Records and Health Statistics Bureau of the Cuban Public Health Ministry in cooperation with PAHO/WHO representation in our country presents its No. 23 leaflet.

Health Care Situation in Cuba. Basic indicators. 2018

The aim of this leaflet is to satisfy needs for information by upgrading the knowledge of the Cuban health status and by encouraging the use of statistical information as a powerful tool for the management, research, teaching and communication among different participants in the health care sector at both national and international levels.

The basic indicators of health care situation in Cuba, which were selected for this material, cover 2018, except for some that refer to previous years, which has been indicated in each case.

Basic indicators were grouped in six sections, representing broad areas classified by their essential contents, are set forth.

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

The analysis of this information will allow approaching to the present Cuban realities, understanding, explaining and identifying problems and assessing health care actions.

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

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GENERAL INDICATORS

Mid-year population estimates	11 215 344
Total live births	116 333
Percent of in-hospital live births	99.9
Crude birth rate per 1 000 population	10.4
Crude mortality rate per 1 000 population	9.4
General fertility rate per 1 000 women aged 15-49	44.3
Global fertility rate (children per woman)	1.65
Infant mortality rate per 1 000 live births	4.0
Mortality rate of children under 5 years of age per 1 000 live births	5.3
Perinatal mortality rate	12.9
Infant mortality rate from acute respiratory infections per 1000 live births	0.2
Mortality rate from infectious and parasitic diseases per 100 000 population	9.8
Percent of infectious and parasitic diseases from the total number of deaths	1.0
Maternal death ratio per 100 000 live births	43.8
Direct maternal death ratio per 100 000 live births	27.5
Physicians per 10 000 population	84.8
Dentists per 10 000 population	16.8
Number of family physicians	13 070
Nursing personnel per 10 000 population	76.2
Medical care beds per 1 000 population	4.2
Social service beds per 1 000 population	1.3
Population's percentage with improved source of water to drink. MICS Survey 5 Cuba 2014	94.2
Percent of urban population	77.0
Population density (inh/km ²)	102.0
Literacy rate (%). Population and Housing Census 2012	99.8
Average educational level of the population. Population and Housing Census 2012	10 ^{mo} grado

Age and sex population structure. Cuba 2018



Source: Demographic Information System. ONEI

MUNICIPALITIES BY PROVINCE
TOTAL: 168

Pinar del Río	11
Artemisa	11
La Habana	15
Mayabeque	11
Matanzas	13
Villa Clara	13
Cienfuegos	8
Sancti Spíritus	8
Ciego de Ávila	10
Camagüey	13
Las Tunas	8
Holguín	14
Granma	13
Santiago de Cuba	9
Guantánamo	10
Isla de la Juventud	1



DEMOGRAPHIC INDICATORS

Province	Mid-year population estimates (thousands)			Total live births	Crude birth rate (1 000 pop.)	In-hospital live births	
	Total	Male	Female			No.	%
Pinar del Río	586	297	289	6 382	10.9	6 379	99.9
Artemisa	510	257	253	5 548	10.9	5 543	99.9
La Habana	2 131	1 018	1 113	19 823	9.3	19 787	99.8
Mayabeque	383	194	189	3 960	10.3	3 953	99.8
Matanzas	714	357	357	7 317	10.3	7 307	99.9
Villa Clara	782	391	391	7 456	9.5	7 447	99.9
Cienfuegos	407	206	201	4 133	10.2	4 128	99.9
Sancti Spíritus	466	234	231	4 437	9.5	4 433	99.9
Ciego de Ávila	435	219	216	4 827	11.1	4 814	99.7
Camagüey	769	384	385	7 814	10.2	7 797	99.8
Las Tunas	536	272	264	5 777	10.8	5 771	99.9
Holguín	1 029	517	512	10 719	10.4	10 710	99.9
Granma	825	417	408	9 091	11.0	9 086	99.9
Santiago de Cuba	1 050	521	529	12 077	11.5	12 065	99.9
Guantánamo	510	255	255	6 025	11.8	6 016	99.9
Isla de la Juventud	84	42	42	947	11.3	946	99.9
Total	11 215	5 580	5 635	116 333	10.4	116 182	99.9

Province	Number of deaths	Crude mortality rate (1 000 pop.)	Population density (pop/ km ²)	% of population of 60 years and over
Pinar del Río	5 334	9.1	65.9	21.2
Artemisa	4 357	8.5	127.7	18.0
La Habana	23 346	11.0	2 926.8	21.6
Mayabeque	3 769	9.8	102.4	20.1
Matanzas	6 963	9.7	60.6	20.3
Villa Clara	8 660	11.1	92.8	23.7
Cienfuegos	3 765	9.1	97.1	20.2
Sancti Spíritus	4 625	9.9	68.7	21.4
Ciego de Ávila	4 015	9.2	62.4	19.1
Camagüey	7 381	9.7	49.9	20.4
Las Tunas	4 366	8.1	81.2	19.8
Holguín	9 057	8.7	111.5	20.3
Granma	6 946	8.3	98.4	19.3
Santiago de Cuba	9 071	8.6	168.5	19.1
Guantánamo	3 863	7.5	82.5	18.1
Isla de la Juventud	681	8.1	34.6	18.6
Total	106 199	9.4	102.0	20.4

DEMOGRAPHIC INDICATORS

Province	Mid-year population estimates (thousands)							
	<1 year	1-4 years	5-9 years	10-14 years	15-19 years	20-49 years	50-59 years	60 years and over
Pinar del Río	6	25	31	31	38	239	93	123
Artemisa	6	23	29	27	34	219	81	91
La Habana	20	83	104	101	126	868	372	457
Mayabeque	4	16	21	20	23	161	62	77
Matanzas	7	31	38	34	43	302	115	144
Villa Clara	7	30	39	37	47	310	128	184
Cienfuegos	4	17	22	21	25	168	68	81
Sancti Spíritus	5	20	25	24	27	192	74	99
Ciego de Ávila	5	19	25	23	27	188	66	82
Camagüey	8	33	43	39	47	318	126	156
Las Tunas	6	24	31	27	32	227	84	105
Holguín	10	43	60	59	64	426	161	207
Granma	9	38	49	46	54	346	127	157
Santiago de Cuba	12	51	66	58	66	441	159	198
Guantánamo	6	26	33	30	35	214	74	91
Isla de la Juventud	1	4	5	5	5	36	13	15
Total	115	482	620	582	691	4 652	1 803	2 269

MORTALITY INDICATORS

Leading causes of death for all ages

Cause (ICD-10)	Rate				RR	YPLL
	Adjusted	Crude	Male	Female		
Heart diseases (I05-I52)	104.7	228.2	246.1	210.5	1.2	12.0
Malignant neoplasms (C00-C97)	112.2	221.3	255.2	187.7	1.4	18.2
Cerebrovascular diseases (I60-I69)	39.4	87.9	90.4	85.4	1.1	3.9
Influenza and pneumonia (J09-J18)	31.6	73.3	77.8	68.8	1.1	2.6
Unintentional injuries (V01-X59, Y85-Y86)	26.7	51.6	53.8	49.3	1.1	5.2
Chronic lower respiratory diseases (J40-J47)	17.1	36.2	38.7	33.8	1.1	1.7
Diseases of arteries, arterioles and capillaries (I70-I79)	11.4	27.0	28.8	25.3	1.1	0.8
Diabetes mellitus (E10-E14)	10.2	21.1	17.5	24.8	0.7	1.4
Chronic liver diseases and cirrhosis (K70, K73, K74, K760-K761)	8.5	15.7	25.1	6.4	4.0	2.5
Intentional self-harm (X60-X84, Y870)	8.4	13.3	21.2	5.4	3.9	2.6

Rate per 100 000 population.

RR: Male/Female rate ratio.

YPLL: Years of potential life lost per 1 000 inhabitants aged 1-74 years.

MORTALITY INDICATORS

Province	Infant mortality rate per 1 000 live births	Mortality rate of under 7 days-old infants (early neonatal) (1 000 live births)	Mortality rate of 7-27 days-old infants (late neonatal) (1 000 live births)	Mortality rate of infants aged 28 days-11 months (postneonatal) (1 000 live births)	Under five mortality rate (1 000 live births)	Maternal death ratio per 100 000 live births	Direct maternal death ratio per 100 000 live births
Pinar del Río	3.0	1.1	0.5	1.4	4.4	15.7	15.7
Artemisa	4.0	1.4	0.9	1.6	5.0	36.0	18.0
La Habana	4.9	1.9	0.9	2.1	6.1	65.6	50.4
Mayabeque	6.3	3.0	1.5	1.8	7.6	25.3	25.3
Matanzas	4.1	1.6	0.8	1.6	5.3	54.7	13.7
Villa Clara	3.5	1.6	0.4	1.5	5.0	13.4	-
Cienfuegos	2.7	1.5	0.5	0.7	3.1	-	-
Sancti Spíritus	2.9	0.5	1.1	1.4	3.8	135.2	22.5
Ciego de Ávila	4.4	1.7	0.8	1.9	5.6	82.9	20.7
Camagüey	2.6	0.3	0.3	2.0	4.6	64.0	64.0
Las Tunas	3.8	1.9	1.4	0.5	4.7	-	-
Holguín	3.7	1.2	0.7	1.9	4.9	28.0	28.0
Granma	2.7	0.9	0.4	1.4	3.5	33.0	22.0
Santiago de Cuba	3.6	1.0	0.7	1.9	5.4	24.8	16.6
Guantánamo	7.3	3.5	1.3	2.5	9.1	83.0	66.4
Isla de la Juventud	2.1	-	0.2	-	3.2	-	-
Total	4.0	1.5	0.8	1.7	5.3	43.8	27.5

Province	Mortality rate per 100 000 population						
	Heart disease	Malignant neoplasms	Cerebro-vascular disease	Influenza and pneumonia	Unintentional injuries	Diabetes mellitus	Intentional self-harm
Pinar del Río	196.8	220.1	92.6	67.3	39.7	10.2	14.5
Artemisa	181.6	210.8	80.5	85.9	27.7	13.1	17.3
La Habana	287.9	258.4	101.5	78.7	52.7	36.9	8.5
Mayabeque	239.9	214.1	100.1	88.1	46.2	25.3	16.2
Matanzas	283.1	229.2	81.5	81.4	47.0	19.2	17.3
Villa Clara	238.1	225.2	89.0	101.7	63.3	20.3	21.0
Cienfuegos	237.9	240.6	70.4	32.6	46.9	16.9	12.8
Sancti Spíritus	208.1	226.7	89.6	50.5	64.6	22.0	18.2
Ciego de Ávila	196.3	203.2	82.5	82.7	54.2	21.5	12.6
Camagüey	240.2	235.7	88.5	60.6	64.0	25.0	11.9
Las Tunas	206.6	226.2	62.5	28.3	53.1	20.3	14.4
Holguín	188.4	204.7	72.0	83.9	65.5	8.7	16.7
Granma	193.7	204.3	83.5	92.3	40.8	16.8	15.3
Santiago de Cuba	206.9	186.3	102.3	72.0	49.9	15.0	7.6
Guantánamo	183.3	168.5	87.7	46.8	41.0	16.7	6.6
Isla de la Juventud	246.7	225.4	66.4	40.3	39.1	34.4	13.0
Total	228.2	221.3	87.9	73.3	51.6	21.1	13.3

MORTALITY INDICATORS

Province	Mortality rate from infectious intestinal diseases of children under 5 years of age (1 000 live births) (A00-A09)	Mortality rate from acute respiratory diseases of children under 5 years of age (1 000 live births) (J00-J22)	Crude mortality rate from tuberculosis (100 000 population) (A15-A19)	Mortality rate from communicable diseases by age group. (A00-B99, G00-G03, J00-J22) (Infant under 1 year of age, rate per 1 000 live births. 1-4 age, rate per 10 000 pop., and the rest of age groups and the total, rate per 100 000 population)						
				< 1	1-4	5-14	15-44	45-64	65 and over	Total*
Pinar del Río	-	0.3	0.3	0.3	0.8	1.6	5.8	43.5	429.1	82.9
Artemisa	-	0.4	0.2	-	1.3	1.8	12.3	50.7	586.2	97.0
La Habana	0.1	0.8	0.6	0.8	1.1	2.0	15.5	49.7	466.3	98.1
Mayabeque	0.3	0.8	0.3	0.8	1.2	-	10.5	46.6	530.8	99.9
Matanzas	-	0.4	-	0.7	0.3	1.4	7.4	32.0	497.0	88.9
Villa Clara	-	0.4	0.3	0.3	1.0	-	5.3	30.4	540.6	110.8
Cienfuegos	-	-	-	-	-	2.3	3.8	17.4	232.6	41.8
Sancti Spíritus	0.2	-	-	0.2	-	2.0	4.0	24.3	297.0	57.5
Ciego de Ávila	-	-	0.5	-	0.5	2.1	14.2	47.2	552.4	97.8
Camagüey	-	0.3	0.4	0.3	0.9	4.9	11.0	35.9	368.0	71.8
Las Tunas	-	-	0.2	0.2	0.4	1.7	5.2	13.6	233.0	40.3
Holguín	-	0.6	-	0.6	0.4	1.7	9.2	32.8	512.4	91.1
Granma	-	0.1	-	0.3	-	-	9.2	48.1	579.9	98.6
Santiago de Cuba	0.1	0.2	0.3	0.7	1.3	0.8	10.8	39.3	478.9	83.5
Guantánamo	0.3	0.3	-	0.8	1.1	3.1	5.3	28.9	322.3	53.8
Isla de la Juventud	-	1.1	-	-	2.5	-	24.3	19.3	335.6	60.5
Total	0.1	0.4	0.2	0.5	0.8	1.7	9.8	38.1	455.7	85.0

Note: * Includes six cases of ignored age.

Mortality rates by six broad cause groups by age

Cause * (ICD-10)	Age groups					Total**
	0-4	5-14	15-39	40-64	65 and over	
Diseases of the circulatory system (I00-I99)	1.6	0.9	8.6	162.0	1 887.0	347.7
Neoplasms (C00-D48)	4.5	4.2	12.0	178.7	1 047.0	228.7
Communicable diseases (A00-B99, G00-G03, J00-J22)	14.9	1.7	8.0	34.3	455.7	85.0
External causes of injury and poisoning (V01-Y89)	9.3	5.6	28.1	49.2	299.2	73.4
Certain condition originating in perinatal period (P00-P96)	37.3	0.3	0.1	0.1	0.1	2.2
Other causes (D50-F99, G04-H95, J30-O99, Q00-R99)	30.5	7.3	16.4	122.9	1 016.7	206.6
Total	98.2	20.0	73.3	547.1	4 705.7	943.7

Rate per 100 000 population.

* Causes according to OPS list 667.

** Includes deaths at unknown age (54).

MORBIDITY INDICATORS

Province	Percent of low birth weight*	Notified cases of tuberculosis and rate per 100 000 population **		Notified cases of herpes zoster and rate per 100 000 population		Notified cases of viral hepatitis and rate per 100 000 population		Notified cases of chickenpox and rate per 100 000 population		Notified cases of meningococcal meningitis and rate per 100 000 population	
	%	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Pinar del Río	4.2	37	6.3	208	35.5	69	11.8	882	150.4	2	0.3
Artemisa	5.0	33	6.4	569	110.8	14	2.7	621	121.0	-	-
La Habana	5.6	203	9.6	1 972	92.8	82	3.9	3 733	175.6	1	0.0
Mayabeque	4.9	42	11.0	414	108.0	12	3.1	444	115.8	1	0.3
Matanzas	5.3	18	2.5	651	90.7	33	4.6	1 053	146.7	-	-
Villa Clara	4.4	39	5.0	990	126.7	15	1.9	1 436	183.7	-	-
Cienfuegos	5.2	26	6.3	504	121.9	2	0.5	520	125.7	1	0.2
Sancti Spíritus	4.5	28	6.0	435	93.0	6	1.3	793	169.6	-	-
Ciego de Ávila	5.7	58	13.3	281	64.2	7	1.6	319	72.9	-	-
Camagüey	5.3	26	3.4	573	75.1	8	1.0	720	94.4	-	-
Las Tunas	6.2	36	6.7	599	110.8	35	6.5	984	182.0	-	-
Holguín	5.6	41	4.0	561	54.2	36	3.5	973	93.9	-	-
Granma	5.3	57	6.8	517	61.7	15	1.8	735	87.8	-	-
Santiago de Cuba	5.4	42	4.0	751	71.4	41	3.9	1 284	122.1	-	-
Guantánamo	5.6	18	3.5	167	32.5	77	15.0	758	147.3	-	-
Isla de la Juventud	3.9	6	7.1	69	81.8	-	-	245	290.6	-	-
Total	5.3	710	6.3	9 261	82.3	452	4.0	15 500	137.7	5	0.0

* by residence

** Incidence + relapses.

Province	Notified cases of syphilis and rate per 100 000 population		Notified cases of blenorragia and rate per 100 000 population		Prevalence of leprosy and rate per 10 000 population		Consultations of acute diarrheal diseases and rate per 1 000 population		Consultations of acute respiratory infection and rate per 1 000 population	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Pinar del Río	200	34.1	63	10.7	14	0.2	8 836	15.1	351 307	599.0
Artemisa	269	52.4	113	22.0	2	0.0	10 266	20.0	335 136	652.8
La Habana	1 363	64.1	1 481	69.7	25	0.1	53 694	25.3	1 040 655	489.7
Mayabeque	110	28.7	69	18.0	4	0.1	11 182	29.2	214 082	558.3
Matanzas	185	25.8	59	8.2	5	0.1	14 106	19.7	563 927	785.8
Villa Clara	193	24.7	143	18.3	21	0.3	15 113	19.3	563 575	721.0
Cienfuegos	140	33.9	85	20.6	4	0.1	6 398	15.5	204 794	495.2
Sancti Spíritus	172	36.8	89	19.0	9	0.2	9 346	20.0	313 346	670.2
Ciego de Ávila	221	50.5	112	25.6	20	0.5	5 765	13.2	245 589	561.3
Camagüey	245	32.1	133	17.4	18	0.2	12 261	16.1	420 922	551.8
Las Tunas	293	54.2	178	32.9	5	0.1	6 604	12.2	272 151	503.4
Holguín	245	23.7	107	10.3	10	0.1	13 641	13.2	362 085	349.6
Granma	258	30.8	120	14.3	60	0.7	11 022	13.2	401 598	479.5
Santiago de Cuba	537	51.1	90	8.6	26	0.2	20 290	19.3	305 366	290.4
Guantánamo	232	45.1	67	13.0	29	0.6	5 548	10.8	163 649	318.1
Isla de la Juventud	43	51.0	44	52.2	2	0.2	2 209	26.2	37 690	447.1
Total	4 706	41.8	2 953	26.2	254	0.2	206 281	18.3	5 795 872	515.0

INDICATORS OF RESOURCES, SERVICES AND COVERAGE

Province	National health care personnel	Physicians		Dentists		Family physicians in the community		Nurses per 10 000 pop.	Nurses graduated from the University (Bachelor in nursery)	Medicine graduates
		No.	Inhabitants per physician	No.	Inhabitants per dentist	No.	Percent of population cared by family physicians			
Pinar del Río	23 566	4 580	128	762	770	703	100.0	87.0	4 070	289
Artemisa	16 247	2 876	178	541	949	521	100.0	68.6	2 379	130
La Habana	96 361	22 125	96	4 712	451	2 524	100.0	69.0	8 653	647
Mayabeque	13 062	1 785	215	456	841	412	100.0	70.8	1 602	88
Matanzas	26 722	4 236	169	979	733	756	100.0	65.1	2 770	213
Villa Clara	35 202	6 636	118	1 465	534	986	100.0	82.5	4 382	613
Cienfuegos	17 431	2 917	142	613	675	448	100.0	72.9	2 261	309
Sancti Spíritus	20 757	3 758	124	459	1 019	553	100.0	77.8	2 672	278
Ciego de Ávila	17 116	2 840	154	617	709	474	100.0	70.0	2 453	273
Camagüey	31 659	5 917	129	1 300	587	801	100.0	72.7	3 996	425
Las Tunas	22 584	4 213	128	811	667	620	100.0	80.6	3 326	386
Holguín	40 642	8 327	124	1 360	762	1 271	100.0	71.8	5 645	739
Granma	39 586	7 609	110	1 569	534	964	100.0	98.2	6 940	748
Santiago de Cuba	53 234	11 476	92	2 080	506	1 291	100.0	75.2	6 276	808
Guantánamo	27 494	5 703	90	1 002	513	660	100.0	90.3	3 836	471
Isla de la Juventud	3 816	489	172	184	458	86	100.0	92.5	493	25
Total	485 479	95 487	118	18 910	595	13 070	100.0	76.2	61 754	6 442

Province	Dentistry graduates	Graduates as bachelor in nursery	Number of hospitals	Number of polyclinics	Number of dental clinics	Inhabitant per bed	Medical visits per inhabitant	Dental visits per inhabitant	Admissions per 100 inhabitants	Medical schools	Medical science information centers
Pinar del Río	44	12	5	19	8	236	9.0	2.5	12.2	1	28
Artemisa	37	-	4	19	8	366	7.0	1.9	6.8	1	26
La Habana	307	28	34	82	20	117	9.2	3.2	12.9	9	155
Mayabeque	40	1	4	20	11	262	6.0	2.4	5.2	1	26
Matanzas	64	6	10	28	6	239	8.4	2.3	12.6	1	51
Villa Clara	140	-	13	37	9	179	10.1	3.9	12.3	1	55
Cienfuegos	59	8	3	20	6	252	7.2	2.9	10.8	1	28
Sancti Spíritus	35	1	8	23	7	184	9.4	2.7	11.4	1	34
Ciego de Ávila	46	-	3	19	4	225	7.8	2.7	9.3	1	26
Camagüey	137	1	13	31	10	160	8.4	2.3	14.7	1	45
Las Tunas	58	4	5	14	3	199	9.5	2.3	13.0	1	24
Holguín	86	2	15	42	8	213	8.9	2.6	16.5	1	61
Granma	127	6	10	28	3	253	9.6	3.0	10.7	1	39
Santiago de Cuba	129	93	18	42	4	169	10.0	3.0	14.2	3	55
Guantánamo	120	-	4	22	3	220	8.8	3.2	11.3	1	30
Isla de la Juventud	13	-	1	3	1	174	8.7	3.7	10.6	-	7
Total	1 442	162	150	449	111	182	8.9	2.8	12.3	25	690

FURTHER NOTES

COMMENTS ON SOME INDICATORS

Mid-year population estimates: It is obtained by semi sum at the beginning and at the end of the year. Small differences can be obtained in the total according to sex and age.

General fertility rate: Number of live births per every 1 000 women aged 15-49 years.

Global fertility rate: Average number of live births per each woman in her fertile period (15-49 years) according to the specific fertility rates per each age group.

Mortality rate in children under 5 years of age (MRCU5): Ratio of the number of deaths in children under 5 years of age during a given year and the number of live births in that year. The figure is multiplied by 1 000.

Maternal death ratio: Ratio of the number of maternal deaths (direct and indirect) and the number of live births in a given year.

Prevalence of a disease: Total number of sick subjects suffering from some affection in a given period. It is expressed by dividing the mentioned figure by the total population in that period.

Years of potential life lost: It allows to compare the relative importance of different death causes for a population and gives how many years a person fails to live because of certain death causes.

Rate ratio per sex: It is obtained by dividing male rate by female rate or viceversa. In case of mortality rate, it expresses the overmortality of one sex against the other, which is higher as it exceeds 1.

Index of low birth rate: Percent of live births with a weight under 2 500 grams

Adjusted rates: Rates are adjusted by a direct method and the model population was that of 1981 census in Cuba.

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DATA SOURCES

The indicators shown in this leaflet have been compound by the Health Statistic Direction of the Cuban Public Health Ministry. The largest volume of statistical information comes from the Statistical Information System of the health sector, which gather data from its corresponding departments in municipal, provincial, and national health care facilities. Professionals and highly-skilled technicians specialized in health statistics, as well as other experts in information sciences participate in statistical information service.

OTHER SOURCES OF INFORMATION:

- National Demographic Statistical System
- Health Professional Registry
- Administrative Registries. Ministry of Public Health

Data collection of this document is mainly based on the continuous registration method with nationwide coverage. Sanitation and water supply data come from systematic studies.

Symbols:

- Magnitude zero
- 0.0 Rate under 0.05

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