

COUNTRY HEALTH INFORMATION PROFILE

PHILIPPINES

WESTERN PACIFIC REGION HEALTH DATABANK, 2011 Revision

INDICATORS		DATA					Year	Source	
Demographics		Total	Male	Female					
1	Area (1 000 km2)	299.76						1	
2	Estimated population ('000s)	94 013.20	47 263.60	46 749.60			2010 est	2	
3	Annual population growth rate (%)	2.04	...	...			2000-07	3
4	Percentage of population								
	- 0-4 years	11.47	11.64	11.29			2010 est	4	
	- 5-14 years	22.28	22.70	21.87			2010 est	4	
	- 65 years and above	4.40	4.02	4.78			2010 est	4	
5	Urban population (%)	48.90	...	...			2010 est	5
6	Crude birth rate (per 1000 population)	19.70 ^a	20.40 ^a	19.00 ^a			2007	2	
7	Crude death rate (per 1000 population)	5.00 ^a	5.80 ^a	4.20 ^a			2007	2	
8	Rate of natural increase of population (% per annum)	1.47 ^b	...	...			2007	2
9	Life expectancy (years)								
	- at birth	70.00	67.00	73.00			2009	6	
	- Healthy Life Expectancy (HALE) at age 60	...	10.60	12.10			2002	7	
10	Total fertility rate (women aged 15-49 years)	3.30					2008	8	
Socioeconomic indicators									
11	Adult literacy rate (%)	...	84.20	88.70			2008	2	
12	Per capita GDP at current market prices (US\$)	1825.22 ^c					2009	9	
13	Rate of growth of per capita GDP (%)	...							
14	Human development index	0.64					2010	10	
Environmental indicators		Total	Urban	Rural					
15	Health care waste generation (metric tons per year)	...	...	...		
Communicable and noncommunicable diseases		Number of new cases			Number of deaths				
16	Selected communicable diseases	Total	Male	Female	Total	Male	Female		
	Hepatitis viral								
	- Type A	385	233	152	2	1	1	2010	11
	- Type B	883	470	413	16	14	2	2010	11
	- Type C		
	- Type E		
	- Unspecified		
	Cholera	33 ^d	18 ^d	15 ^d	2 ^d	0 ^d	2 ^d	2010	11
	Dengue/DHF	135 355	793	2010	12
	Encephalitis	241 ^d	138 ^d	103 ^d	33 ^d	19 ^d	14 ^d	2010	11
	Gonorrhoea		
	Leprosy	2041	1633	408	2010	12
	Malaria	17 008	19	2010	12
	Plague		
	Syphilis	4	2	2	2006	13
	Typhoid fever	515 ^e	282 ^e	233 ^e	3	3	0	2010	11
17	Acute respiratory infections	690 566	348 992	328 956	258	143	115	2006	14
	- Among children under 5 years	75	38	37	2006	13

INDICATORS		DATA						Year	Source
Communicable and noncommunicable diseases		Number of new cases			Number of deaths				
		Total	Male	Female	Total	Male	Female		
18	Diarrhoeal diseases	...	...	...	5614	3188	2426	2006	13
	- Among children under 5 years	...	...	...	2125	1229	896	2006	13
19	Tuberculosis								
	- All forms	146 565	...	...	3200 ^j	...	...	2009	12
	- New pulmonary tuberculosis (smear-positive)	88 806	...	...	...	...	...	2009	12
20	Cancers								
	All cancers (malignant neoplasms only)	...	...	...	43 043	22 472	20 571	2006	13
	- Breast	...	...	...	4732	80	4652	2006	13
	- Colon and rectum	...	...	...	3565 ^f	1852	1613	2006	13
	- Cervix	...	...	...	...	...	1176	2006	13
	- Leukaemia	...	...	...	2365	1181	1184	2006	13
	- Lip, oral cavity and pharynx	...	...	...	2183	1369	814	2006	13
	- Liver	...	...	...	...	...	...
	- Oesophagus	...	...	...	415	284	131	2006	13
	- Stomach	...	...	...	1415	818	597	2006	13
	- Trachea, bronchus, and lung	...	...	...	7390	5421	1969	2006	13
21	Circulatory								
	All circulatory system diseases	...	...	...	138 547	78 128	60 419	2006	13
	- Acute myocardial infarction	...	...	...	33 267	21 235	12 032	2006	13
	- Cerebrovascular diseases	...	...	...	55 466	30 869	24 597	2006	13
	- Hypertension	...	...	...	17 646	9785	7861	2006	13
	- Ischaemic heart disease	...	...	...	15 666	8001	7665	2006	13
	- Rheumatic fever and rheumatic heart diseases	...	...	...	2209	956	1253	2006	13
22	Diabetes mellitus	...	...	...	20 239	9818	10 421	2006	13
23	Mental disorders	...	...	...	977	741	236	2006	13
24	Injuries								
	All types	...	...	...	36 162	29 160	7002	2006	13
	- Drowning	...	...	...	3242	2396	846	2006	13
	- Homicide and violence	...	...	...	13 056	12 071	985	2006	13
	- Occupational injuries	...	...	...	...	...	...
	- Road traffic accidents	...	...	...	6866	5380	1486	2006	13
	- Suicide	...	...	...	1794	1387	407	2006	13
Leading causes of mortality and morbidity		Number of cases			Rate per 100 000 population				
25	Leading causes of morbidity (inpatient care)	Total	Male	Female	Total	Male	Female		
	1. Acute respiratory infection	1 095 328 ⁱ	...	...	1203.00 ⁱ	...	...	2008	14
	2. ALTRI and Pneumonia	557 786 ⁱ	...	...	612.60 ⁱ	...	...	2008	14
	3. Bronchitis/bronchiolitis	346 627 ⁱ	...	...	380.70 ⁱ	...	...	2008	14
	4. Hypertension	333 497 ⁱ	...	...	366.30 ⁱ	...	...	2008	14
	5. Acute watery diarrhoea	322 799 ⁱ	...	...	354.50 ⁱ	...	...	2008	14
	6. Influenza	271 011 ⁱ	...	...	297.70 ⁱ	...	...	2008	14
	7. Urinary tract infection	82 867 ⁱ	...	...	91.00 ⁱ	...	...	2008	14
	8. TB respiratory	73 614 ⁱ	...	...	80.90 ⁱ	...	...	2008	14
	9. Accidents	50 004 ⁱ	...	...	54.90 ⁱ	...	...	2008	14
	10. Injuries	35 396 ⁱ	...	...	38.90 ⁱ	...	...	2008	14

INDICATORS		DATA						Year	Source
		Number of deaths			Rate per 100 000 population				
		Total	Male	Female	Total	Male	Female		
26	Leading causes of mortality								
	1. Heart diseases	83 081	47 259	35 822	95.50	108.00	82.90	2006	13
	2. Vascular system diseases	55 466	30 869	24 597	63.80	706.00	56.90	2006	13
	3. Malignant neoplasm	43 043	22 472	20 571	49.50	51.40	47.60	2006	13
	4. Pneumonia	34 958	17 166	17 792	40.20	39.20	41.20	2006	13
	5. Tuberculosis, all form	25 860	17 862	7 998	29.70	40.80	18.50	2006	13
	6. Chronic lower respiratory diseases	21 216	14 715	6 501	24.40	33.60	15.00	2006	13
	7. Diabetes mellitus	20 239	9 818	10 421	23.30	22.40	24.10	2006	13
	8. Certain conditions originating in the perinatal period	12 334	7 425	4 909	14.20	17.00	11.40	2006	13
	9. Nephritis, nephrotic syndrome and nephrosis	11 981	7 107	4 874	13.80	16.20	11.30	2006	13
	10. Road traffic accidents	6866	5380	1486	7.90	12.30	3.40	2006	13
Maternal, child and infant diseases		Total	Male	Female					
27	Percentage of women in the reproductive age group using modern contraceptive methods						22.00	2008	8
28	Percentage of pregnant women immunized with tetanus toxoid (TT2)						28.00	2010	12
29	Percentage of pregnant women with anaemia						42.50	2008	17
30	Neonatal mortality rate (per 1000 live births)		16.00		...		...	2008	8
31	Percentage of newborn infants weighing less than 2500 g at birth		19.60		...		...	2008	8
32	Immunization coverage for infants (%)								
	- BCG		83.00		...		...	2010	12
	- DTP3		79.00		...		...	2010	12
	- Hepatitis B III		77.00		...		...	2010	12
	- MCV2		10.00		...		...	2010	12
	- POL3		78.00		...		...	2010	12
		Number of cases			Number of deaths				
33	Maternal causes	Total	Male	Female	Total	Male	Female		
	- Abortion			...			163	2006	13
	- Eclampsia			...			...
	- Haemorrhage			...			261	2006	13
	- Obstructed labour			...			...
	- Sepsis			...			...
34	Selected diseases under the WHO-EPI								
	- Congenital rubella syndrome	...	...	...	...	...	...
	- Diphtheria	107	...	...	...	...	...	2010	12
	- Measles	6368	...	...	...	...	...	2010	12
	- Mumps	...	...	...	...	...	...
	- Neonatal tetanus	126	...	...	...	...	...	2010	12
	- Pertussis (whooping cough)	62	...	...	...	...	...	2010	12
	- Poliomyelitis	0	0	0	...	...	...	2010	12
	- Rubella	...	...	...	...	...	...
	- Total Tetanus	1140	...	...	...	...	...	2010	12
Health facilities									
35	Facilities with HIV testing and counseling services						82	2009	12

INDICATORS		DATA						Year	Source	
Health facilities		Number			Number of beds					
36	Health infrastructure									
	Public health facilities - General hospitals		90 ^g		...		2007-10	15		
	- Specialized hospitals		21		...		2007-10	15		
	- District/first-level referral hospitals		282		...		2007-10	15		
	- Primary health care centres		331 ^h		...		2007-10	15		
	Private health facilities - Hospitals		1068		44 296		2007-10	15		
	- Outpatient clinics		...		...		
Health care financing										
37	Total health expenditure									
	- amount (in million US\$)					6081.17 ^b	2009p	16		
	- total expenditure on health as % of GDP					3.80	2009p	16		
	- per capita total expenditure on health (in US\$)					66.11 ^b	2009p	16		
	Government expenditure on health									
	- amount (in million US\$)					2145.87 ^b	2009p	16		
	- general government expenditure on health as % of total expenditure on health					35.30	2009p	16		
	- general government expenditure on health as % of total general government expenditure					7.20	2009p	16		
	External source of government health expenditure									
	- external resources for health as % of general government expenditure on health					12.33 ^b	2009p	16		
	Private health expenditure									
	- private expenditure on health as % of total expenditure on health					64.70	2009p	16		
	- out-of-pocket expenditure on health as % of total expenditure on health					54.04 ^b	2009p	16		
	Exchange rate in US\$ of local currency is: 1 US\$ =					47.68	2009p	16		
38	Health insurance coverage as % of total population					42.00	2008	21		
INDICATORS		DATA						Year	Source	
39	Human resources for health	Total	Male	Female	Urban	Rural	Public	Private		
	Physicians	- Number	93 862	2004	22
		- Ratio per 1000 population	1.14	2004	22
	Dentists	- Number	45 903	2004	22
		- Ratio per 1000 population	0.55	2004	22
	Pharmacists	- Number	49 667	2004	22
		- Ratio per 1000 population	0.60	2004	22
	Nurses	- Number	352 398	2004	22
		- Ratio per 1000 population	4.26	2004	22
	Midwives	- Number	136 036	2004	22
		- Ratio per 1000 population	1.65	2004	22
	Paramedical staff	- Number		
		- Ratio per 1000 population		
	Community health workers	- Number		
		- Ratio per 1000 population		
40	Annual number of graduates									
	Physicians	1732	2008	23
	Dentists	1101	2008	23
	Pharmacists	1558	2007	23

PHILIPPINES

INDICATORS		DATA							Year	Source	
		Total	Male	Female	Urban	Rural	Public	Private			
40	Annual number of graduates	Nurses	79 149	2007	23
		Midwives	6332	2007	23
		Paramedical staff	1613	2005	23
		Community health workers		
41	Workforce losses/ Attrition	Physicians			
		Dentists			
		Pharmacists		
		Nurses		
		Midwives		
		Paramedical staff		
		Community health workers		
INDICATORS		DATA			Year	Source					
Health-related Millennium Development Goals (MDGs)		Total	Male	Female							
42	Prevalence of underweight children under five years of age	26.20	...	...	2008	17			
43	Infant mortality rate (per 1000 live births)	25.00	...	...	2008	8			
44	Under-five mortality rate (per 1000 live births)	34.00	...	...	2008	8			
45	Proportion of 1 year-old children immunised against measles	80.00	...	...	2010	12			
46	Maternal mortality ratio (per 100 000 live births)	162.00	...	...	2006	14			
47	Proportion of births attended by skilled health personnel	62.20	...	...	2008	8			
	- Percentage of deliveries at home by skilled health personnel (as % of total deliveries)	18.20	...	...	2008	8			
	- Percentage of deliveries in health facilities (as % of total deliveries)	44.00	...	...	2008	8			
48	Contraceptive prevalence rate	34.00	...	...	2008	8			
49	Adolescent birth rate	54.00 ⁱ	...	...	2008	8			
50	Antenatal care coverage - At least one visit	95.80	...	...	2008	8			
	- At least four visits	77.80	...	...	2008	8			
51	Unmet need for family planning	22.00	...	...	2008	8			
52	HIV prevalence among population aged 15-24 years	<1.00	...	...	2009	18			
53	Estimated HIV prevalence in adults	<1.00	...	...	2009	18			
54	Percentage of people with advanced HIV infection receiving ART	0.82	...	...	2009	18			
55	Malaria incidence rate per 100 000 population	18.29	...	...	2008	12			
56	Malaria death rate per 100 000 population	0.02	...	...	2008	12			
57	Proportion of population in malaria-risk areas using effective malaria prevention measures	97.00	...	...	2010	19			
58	Proportion of population in malaria-risk areas using effective malaria treatment measures	99.00	...	...	2010	19			
59	Tuberculosis prevalence rate per 100 000 population	520.00	...	...	2009	12			
60	Tuberculosis death rate per 100 000 population	35.00	...	...	2009	12			
61	Proportion of tuberculosis cases detected under directly observed treatment short-course (DOTS)	57.00	...	...	2009	12			
62	Proportion of tuberculosis cases cured under directly observed treatment short-course (DOTS)	88.00	...	...	2008	12			
		Total	Urban	Rural							
63	Proportion of population using an improved drinking water source	91.00	93.00	87.00	2008	20					
64	Proportion of population using an improved sanitation facility	76.00	80.00	69.00	2008	20					
65	Proportion of population with access to affordable essential drugs on a sustainable basis	...	...	...				

Notes:

...	Data not available
p	Provisional
est	Estimate
NR	Not relevant
a	Per 1000 midyear population
b	Computed by Information, Evidence and Research Unit of the WHO Regional Office for the Western Pacific
c	Figure converted to USD using 2009 exchange rate (1 USD=Php 47.68) from WHO NHA, and projected population for 2009 (92 226 600) from NSO
d	Suspected cases
e	Figure includes parathyroid fever
f	Totals may not tally due to some reported cases or numbers with no gender breakdown
g	Figure refers to Level 3 and 4 hospitals
h	Figure refers to Level 1 hospitals
i	Revised data
j	Estimated number of deaths

Sources:

1	National Epidemiology Center (NEC), Department of Health.
2	Philippines in Figures 2011. National Statistics Office, Philippines. Accessed on August 2011 from [http://www.census.gov.ph/data/publications/2011PIF_final.pdf]
3	2007 Census of Population, National Statistics Office Press Release. <http://www.census.gov.ph/data/pressrelease/2008/pr0830bx.html>.
4	Projected Population by Five-Year Age Group and by Sex, by Five Yr. Interval, Medium Assumption. National Statistics Office. <http://www.census.gov.ph/data/sectordata/poproj07.txt>
5	Population Division of the Department of Economic and Social Affairs of the United Nations Secretariat, World Population Prospects: The 2008 Revision and World Urbanization Prospects: The 2009 Revision, [http://esa.un.org/wup2009/unup/] Monday, June 06, 2011; 9:20:08 PM.
6	World health statistics 2011. Geneva, World Health Organization, 2011. Available at [http://www.who.int/whosis/whostat/en/index.html]
7	The world health report 2004: changing history. Geneva, World Health Organization, 2004.
8	National Statistics Office (NSO) [Philippines], and ICF Macro. 2009. National Demographic & Health Survey 2008. Calverton, Maryland: National Statistics Office and ICF Macro.
9	National Statistical Coordination Board, Philippines. <http://www.nscb.gov.ph/stats/statwatch.asp>.
10	Human Development Report 2010: The Real Wealth of Nations: Pathways to Human Development. United National Development Programme. [http://hdr.undp.org/en/reports/global/hdr2010/chapters/en/]
11	Philippine Integrated Disease Surveillance and Response System, 2010, National Epidemiology Center, Department of Health
12	WHO Regional Office for the Western Pacific, data received from the technical units.
13	Information furnished by WR Philippines Office dated July 2011.
14	Field Health Service Information System 2008 Report. Department of Health, Philippines. <http://www.doh.gov.ph/research_statistics>.
15	Philippine Development Plan 2011-2016. National Economic and Development Authority. Accessed from [http://www.neda.gov.ph/PDP/2011-2016/default.asp].
16	National health accounts: country information. Geneva, World Health Organization. Accessed in March 2010 from http://www.who.int/nha/country/en/index.html.
17	National Nutrition Survey, Food and Nutrition Research Institute, Department of Science and Technology, Philippines, 2008.
18	2007 Estimation Workshop and Concensus Meeting, National Epidemiology Unit, Department of Health, Philippines.
19	Annual Global Fund Project Survey...
20	Progress on Sanitation and Drinking Water: 2010 Update. World Health Organization and United Nations Children's Fund Joint Monitoring Programme for Water Supply and Sanitation (JMP). UNICEF, New York and WHO, Geneva, 2010. [http://www.wssinfo.org/en/welcome.html]
21	2008 National Demographic Health Survey, Philippines.
22	Professional Regulation Commission, Philippines.
23	Commission on Higher Education, Philippines.