

PHG Needs Assessment Calculator**Pakistan****Health Services**

Welcome to the PHG Health Needs Assessment Calculator for Health Services. The contents of this file are listed below.

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Health services: Birth prevalence estimates for various congenital disorders	HSER-NA1

Pakistan
Shared Data
Demographic, maternal health and socio-economic indicators

Please read first! If you have already completed a needs assessment for a different topic in this country, you will be able to copy the Demography information from that Calculator into here. The information should be the same.

By default, the Toolkit contains information at the national level.

If you would like to use a different population, then replace country information with that of your specific population of interest.

Number of persons by age-group and sex Age group	Estimates			Your estimates			Chosen estimates		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
0-4 years	9783859	9756607.5464	19540466.782			0			0
5-9 years	11710324	10844307.111	22554631.487			0			0
10-14 years	10636015	9619874.3489	20255889.418			0			0
15-19 years	9063876	8211803.5618	17275679.443			0			0
20-24 years	6824723	6733860.9207	13558583.642			0			0
25-29 years	5268436	5564656.1068	10833091.893			0			0
30-34 years	3957414	4474910.84	8432324.8668			0			0
35-39 years	4132910	4219507.1589	8352417.0014			0			0
40-44 years	3496263	3281389.2279	6777651.9438			0			0
45-49 years	3277150	2999342.2939	6276492.4517			0			0
50-54 years	2429295	2156822.0244	4586116.8475			0			0
55-59 years	1864568	1679607.6096	3544175.2955			0			0
60-64 years	1637251	1296417.9721	2933668.7086			0			0
65+ years	2775654	2163544.3383	4939198.2193			0			0
Total	0	0	149860388	0	0	0	0	0	0
Female population aged 15-44 years		0			-			-	
Data year	2007 reported in 2009								
Source, Year	UN 2011								

Ethnicity. Please enter data for the main ethnic groups if you are working with a population that is different from that of the country.

Ethnic group	Number	% population

Fertility and mortality	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Crude birth rate: live births (LB) / year / 1000 population	27	Unicef, 2007				
Still birth rate (SB): Still births (SB) / year / 1000 total births	47	WHO, 2009				
Total births in 1000s (LB+SB) per year	4446	Unicef, 2007				
Infant mortality rate: infant deaths / 1000 LB / year	70	UNICEF				
Under-5 mortality rate: U5 deaths / 1000 LB / year	87	UNICEF (2011), 2010				
Percentage births in women >35 years		(2011), 2010				
Life expectancy at birth (yrs)	63	WHO, 2009				
% of marriages consanguineous						

Maternal health	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Prenatal visits – at least 1 visit (%)	61	WHO, 2007				
Prenatal visits – at least 4 visits (%)	28	WHO, 2007				
Births attended by skilled health personnel (%)	39	WHO, 2007				
Contraception prevalence rate (%)	27.0	WHO, 2008				
Unmet need for family planning (%)	24.9	WHO, 2007				
Total fertility rate	3.9	WHO, 2009				
% home births						
% births at health care services						
Newborn health	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Number of neonatal examinations by SBA / trained staff						
% neonatal examinations by SBA/ trained staff						

Socio-economic indicators	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Gross national income per capita (PPP int. \$)	2590	WHO, 2008				
% population living on < US\$1 per day	22.6	WHO, 2005				
Birth registration coverage (%)	27	WHO, 2007				
Death registration coverage (%)						

LB = live births

PPP = purchasing power parity

SBA = skilled birth attendant

Pakistan
Shared Data
Health services data

Please read first! If you have already completed a needs assessment for a different topic in this country, you will be able to copy the Health Services information from that Calculator into here. The information should be the same.

This section provides health-service-related information for your country.

By default, the Toolkit contains information at the national level.

If you would like to use a different population, then replace country information with that of your specific population of interest.

Health Expenditure	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Per capita total expenditure on health (PPP int. \$)	63	WHO, 2009				
Total expenditure on health as percentage of GDP	2.6	WHO, 2009				
Per capita government expenditure on health (PPP int. \$)	21	WHO, 2009				
External resources for health as percentage of total expenditure on health	3.7	WHO, 2009				
General government expenditure on health as percentage of total expenditure on health	32.8	WHO, 2009				
Out-of-pocket expenditure as percentage of private expenditure on health	84.5	WHO, 2009				
Private expenditure on health as percentage of total expenditure on health	67.2	WHO, 2009				
General government expenditure on health as percentage of total government expenditure	3.6	WHO, 2009				

Health Workforce	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Number of nursing and midwifery personnel	95538	WHO, 2009				
Nursing and midwifery personnel density (per 10,000 population)	5.6	WHO, 2009				
Number of physicians	139555	WHO, 2009				
Physician density (per 10 000 population)	8.13	WHO, 2009				
Number of obstetricians						
Number of paediatricians						
Number of paediatric surgeons						
Number of paediatric cardiac surgeons						
Number of paediatric neurosurgeons						
Number of clinical geneticists						
Number of genetic counsellors						
Number of community health workers						
Number of skilled birth attendants (SBA)						

Density of SBA						
Number of lab staff providing cytogenetic testing						
Number of lab staff providing molecular genetics						
Number of lab staff providing biochemical tests for genetics						
Number of skilled health attendants						

Infrastructure	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Number of maternity units						
Number of services providing specialised care for people with CD						
Number of family planning services						
Number of preconception services						
Number of services providing prenatal care						
Number of services providing newborn care						
Number of facilities providing genetic services						
Number of laboratories providing cytogenetics						
Number of laboratories providing molecular genetics						
Number of laboratories providing biochemical tests for genetics						
Number of facilities for safe terminations of pregnancies for fetal defects						

PPP = purchasing power parity

GDP = gross domestic product

SBA = skilled birth attendant

CD = congenital disorders

Pakistan**Health services****Health services: Birth prevalence estimates for various congenital disorders**

Conditions	Global prevalence per 1000 LB	Country prevalence per 1000 LB	Country number of births annually
Down's syndrome			
Sex chromosomal disorders			
Chromosomal disorders (all)			
Congenital heart disease			
Neural tube defects			
Orofacial clefts			
Other malformations			
Malformations (all)			
Sickle cell disease			
Thalassaemias			
Haemoglobin disorders (all)			
Other recessive single gene disorders (SGD)			
Dominant SGD			
X-linked SGD			
All SGD of clinical significance			
Rhesus haemolytic disease			
G6PD deficiency			
Environmental causes (all)			
Unknown causes			

LB = live births