

**PHG Needs Assessment Calculator**  
**Cameroon**  
**Health Services**

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

Full name of the sheet	Short name
Country demographic, maternal health and socioeconomic indicators	Demography
Country health-service data	HealthServices
Health services: Birth prevalence estimates for various congenital disorders	HSER-NA1

**Cameroon**  
**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	Estimates			Your estimates			Chosen estimates		
Age group	Male	Female	Total	Male	Female	Total	Male	Female	Total
0-4 years	1662298	1624936	3287234			0			0
5-9 years	1412467	1370992	2783459			0			0
10-14 years	1227470	1167201	2394671			0			0
15-19 years	1068509	1101526	2170035			0			0
20-24 years	855334	981955	1837289			0			0
25-29 years	712550	813266	1525816			0			0
30-34 years	588210	621397	1209607			0			0
35-39 years	460394	482319	942713			0			0
40-44 years	388539	405307	793846			0			0
45-49 years	323507	316740	640247			0			0
50-54 years	261626	260284	521910			0			0
55-59 years	178876	159112	337988			0			0
60-64 years	155208	160671	315879			0			0
65+ years	304236	341170	645406			0			0
Total	0	0	19406100	0	0	0	0	0	0
Female population aged 15-44 years		0			-			-	
Data year	2010 reported in 2010								
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

<b>Fertility and mortality</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
Crude birth rate: live births (LB) / year / 1000 population	35	Unicef, 2007				
Still birth rate (SB): Still births (SB) / year / 1000 total births	26	WHO, 2009				
Total births in 1000s (LB+SB) per year	649	Unicef, 2007				
Infant mortality rate: infant deaths / 1000 LB / year	84	UNICEF				
Under-5 mortality rate: U5 deaths / 1000 LB / year	136	UNICEF (2011), 2010				
Percentage births in women >35 years						
Life expectancy at birth (yrs)	51	WHO, 2009				
% of marriages consanguineous						

<b>Maternal health</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
Prenatal visits – at least 1 visit (%)	82	WHO, 2006				
Prenatal visits – at least 4 visits (%)	60	WHO, 2004				
Births attended by skilled health personnel (%)	59	WHO, 2006				
Contraception prevalence rate (%)	29.2	WHO, 2006				
Unmet need for family planning (%)	20.2	WHO, 2004				
Total fertility rate	4.5	WHO, 2009				
% home births						
% births at health care services						
<b>Newborn health</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
Number of neonatal examinations by SBA / trained staff						
% neonatal examinations by SBA/ trained staff						

<b>Socio-economic indicators</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
Gross national income per capita (PPP int. \$)	2170	WHO, 2008				
% population living on < US\$1 per day	32.8	WHO, 2001				
Birth registration coverage (%)	70	WHO, 2006				
Death registration coverage (%)						

LB = live births

PPP = purchasing power parity

SBA = skilled birth attendant

**Cameroon**  
**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.**

<b>Health Expenditure</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
Per capita total expenditure on health (PPP int. \$)	122	WHO, 2009				
Total expenditure on health as percentage of GDP	5.6	WHO, 2009				
Per capita government expenditure on health (PPP int. \$)	34	WHO, 2009				
External resources for health as percentage of total expenditure on health	8.1	WHO, 2009				
General government expenditure on health as percentage of total expenditure on health	27.9	WHO, 2009				
Out-of-pocket expenditure as percentage of private expenditure on health	94.9	WHO, 2009				
Private expenditure on health as percentage of total expenditure on health	72.1	WHO, 2009				
General government expenditure on health as percentage of total government expenditure	8.2	WHO, 2009				

<b>Health Workforce</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
Number of nursing and midwifery personnel	26042	WHO, 2004				
Nursing and midwifery personnel density (per 10,000 population)	16	WHO, 2004				
Number of physicians	3124	WHO, 2004				
Physician density (per 10 000 population)	1.9	WHO, 2004				
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						

<b>Infrastructure</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
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

**Cameroon****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