

**PHG Needs Assessment Calculator****Malawi****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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Country demographic, maternal health and socioeconomic indicators	Demography
Country health-service data	HealthServices
Health services: Birth prevalence estimates for various congenital disorders	HSER-NA1

**Malawi****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	1019195	962243	1981438			0			0
5-9 years	916219	867034	1783253			0			0
10-14 years	1029401	979033	2008434			0			0
15-19 years	1263553	1209992	2473545			0			0
20-24 years	1479556	1424415	2903971			0			0
25-29 years	1666157	1617867	3284024			0			0
30-34 years	1548609	1509600	3058209			0			0
35-39 years	1355672	1327560	2683232			0			0
40-44 years	1177281	1163297	2340578			0			0
45-49 years	1235825	1250930	2486755			0			0
50-54 years	1438163	1515831	2953994			0			0
55-59 years	1340855	1491416	2832271			0			0
60-64 years	1019387	1205260	2224647			0			0
65+ years	1948979	3223530	5172509			0			0
Total	18438852	19748008	38186860	0	0	0	0	0	0
Female population aged 15-44 years		8252731			-			-	
Data year	2010 reported in 2011								
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	44.41	Unicef, 2013				
Still birth rate (SB): Still births (SB) / year / 1000 total births	23.68	WHO, 2009				
Total births in 1000s (LB+SB) per year	686	Unicef, 2013				
Infant mortality rate: infant deaths / 1000 LB / year	52.9	Unicef, 2013				
Under-5 mortality rate: U5 deaths / 1000 LB / year	82.6	Unicef, 2013				
Percentage births in women >35 years						
Life expectancy at birth (yrs)	54.21	Unicef, 2013				
% of marriages consanguineous						

	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
<b>Maternal health</b>						
Prenatal visits – at least 1 visit (%)	94.7	Unicef, 2013				
Prenatal visits – at least 4 visits (%)	45.5	Unicef, 2013				
Births attended by skilled health personnel (%)	71.4	Unicef, 2013				
Contraception prevalence rate (%)	46.1	Unicef, 2013				
Unmet need for family planning (%)	27.6	WHO, 2004				
Total fertility rate	5.99	Unicef, 2013				
% home births						
% births at health care services	73.20	Unicef, 2013				
<b>Newborn health</b>						
Number of neonatal examinations by SBA / trained staff						
% neonatal examinations by SBA/ trained staff						

	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
<b>Socio-economic indicators</b>						
Gross national income per capita (PPP int. \$)	870	Unicef, 2013				
% population living on < US\$1 per day	73.9	Unicef, 2013				
Birth registration coverage (%)						
Death registration coverage (%)						

LB = live births

PPP = purchasing power parity

SBA = skilled birth attendant

**Malawi****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. \$)	77	WHO 2011				
Total expenditure on health as percentage of GDP	8.4	WHO 2011				
Per capita government expenditure on health (PPP int. \$)	56.5	WHO 2011				
External resources for health as percentage of total expenditure on health	52.4	WHO 2011				
General government expenditure on health as percentage of total expenditure on health	73.4	WHO 2011				
Out-of-pocket expenditure as percentage of private expenditure on health	53.4	WHO 2011				
Private expenditure on health as percentage of total expenditure on health	26.6	WHO 2011				
General government expenditure on health as percentage of total government expenditure	18.5	WHO 2011				

<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	3896	WHO, 2008				
Nursing and midwifery personnel density (per 10,000 population)	2.8	WHO, 2008				
Number of physicians	257	WHO, 2008				
Physician density (per 10 000 population)	0.19	WHO, 2008				
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

**Malawi****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