

PHG Needs Assessment Calculator**Sierra Leone****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
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Health services: Birth prevalence estimates for various congenital disorders	HSER-NA1

Sierra Leone
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	2830545	2834362	5664907			0			0
5-9 years	2573993	2556455	5130448			0			0
10-14 years	2233401	2209856	4443257			0			0
15-19 years	1761329	1834406	3595735			0			0
20-24 years	1402077	1746436	3148513			0			0
25-29 years	1309661	1492304	2801965			0			0
30-34 years	1087599	1141447	2229046			0			0
35-39 years	824338	845535	1669873			0			0
40-44 years	669549	678959	1348508			0			0
45-49 years	478522	506301	984823			0			0
50-54 years	428501	455319	883820			0			0
55-59 years	290117	300550	590667			0			0
60-64 years	287502	317454	604956			0			0
65+ years	652727	694358	1347085			0			0
Total	16829861	17613742	34443603	0	0	0	0	0	0
Female population aged 15-44 years		7739087			-			-	
Data year	2002 reported in 2004								
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	37.80	Unicef, 2013				
Still birth rate (SB): Still births (SB) / year / 1000 total births	29.99	WHO, 2009				
Total births in 1000s (LB+SB) per year	227	Unicef, 2013				
Infant mortality rate: infant deaths / 1000 LB / year	119.2	Unicef, 2013				
Under-5 mortality rate: U5 deaths / 1000 LB / year	185.3	Unicef, 2013				
Percentage births in women >35 years						
Life expectancy at birth (yrs)	47.79	Unicef, 2013				
% of marriages consanguineous						

	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Maternal health						
Prenatal visits – at least 1 visit (%)	93.0	Unicef, 2013				
Prenatal visits – at least 4 visits (%)	74.7	Unicef, 2013				
Births attended by skilled health personnel (%)	62.5	Unicef, 2013				
Contraception prevalence rate (%)	11.0	Unicef, 2013				
Unmet need for family planning (%)	27.6	WHO, 2008				
Total fertility rate	4.88	Unicef, 2013				
% home births						
% births at health care services	50.10	Unicef, 2013				
Newborn health						
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
Socio-economic indicators						
Gross national income per capita (PPP int. \$)	850	Unicef, 2013				
% population living on < US\$1 per day	53.4	Unicef, 2013				
Birth registration coverage (%)	78	WHO 2010				
Death registration coverage (%)						

LB = live births

PPP = purchasing power parity

SBA = skilled birth attendant

Sierra Leone**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. \$)	165.2	WHO 2011				
Total expenditure on health as percentage of GDP	18.8	WHO 2011				
Per capita government expenditure on health (PPP int. \$)	29.7	WHO 2011				
External resources for health as percentage of total expenditure on health	19.4	WHO 2011				
General government expenditure on health as percentage of total expenditure on health	18	WHO 2011				
Out-of-pocket expenditure as percentage of private expenditure on health	91.4	WHO 2011				
Private expenditure on health as percentage of total expenditure on health	82	WHO 2011				
General government expenditure on health as percentage of total government expenditure	11.7	WHO 2011				

Health Workforce	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Number of nursing and midwifery personnel	991	WHO, 2008				
Nursing and midwifery personnel density (per 10,000 population)	1.7	WHO, 2008				
Number of physicians	95	WHO, 2008				
Physician density (per 10 000 population)	0.16	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						

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

Sierra Leone**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