

**PHG Needs Assessment Calculator**  
**Solomon Islands**  
**Health Services**

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

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

## Solomon Islands

## 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	77720	73024	150744			0			0
5-9 years	66661	62759	129420			0			0
10-14 years	61422	57225	118647			0			0
15-19 years	47953	47321	95274			0			0
20-24 years	37640	38061	75701			0			0
25-29 years	28366	28772	57138			0			0
30-34 years	32227	30183	62410			0			0
35-39 years	24894	23906	48800			0			0
40-44 years	22513	23433	45946			0			0
45-49 years	16917	17403	34320			0			0
50-54 years	16651	16282	32933			0			0
55-59 years	9910	9295	19205			0			0
60-64 years	10613	9903	20516			0			0
65+ years	16432	15712	32144			0			0
Total	469919	453279	923198	0	0	0	0	0	0
Female population aged 15-44 years		191676			-			-	
Data year	2004 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

Fertility and mortality	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year

Crude birth rate: live births (LB) / year / 1000 population	31.33	Unicef, 2013				
Still birth rate (SB): Still births (SB) / year / 1000 total births	15.47	WHO, 2009				
Total births in 1000s (LB+SB) per year	17	Unicef, 2013				
Infant mortality rate: infant deaths / 1000 LB / year	18.4	Unicef, 2013				
Under-5 mortality rate: U5 deaths / 1000 LB / year	21.6	Unicef, 2013				
Percentage births in women >35 years						
Life expectancy at birth (yrs)	67.85	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 (%)	73.9	Unicef, 2013				
Prenatal visits – at least 4 visits (%)	64.6	Unicef, 2013				
Births attended by skilled health personnel (%)	85.5	Unicef, 2013				
Contraception prevalence rate (%)	34.6	Unicef, 2013				
Unmet need for family planning (%)	11.1	WHO, 2007				
Total fertility rate	4.16	Unicef, 2013				
% home births						
% births at health care services	84.50	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. \$)	2360	Unicef, 2013				
% population living on < US\$1 per day		Unicef, 2013				
Birth registration coverage (%)						
Death registration coverage (%)						

LB = live births

PPP = purchasing power parity

SBA = skilled birth attendant

**Solomon Islands**  
**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. \$)	259.9	WHO 2011				
Total expenditure on health as percentage of GDP	8.8	WHO 2011				
Per capita government expenditure on health (PPP int. \$)	246.3	WHO 2011				
External resources for health as percentage of total expenditure on health	0.4	WHO 2011				
General government expenditure on health as percentage of total expenditure on health	94.8	WHO 2011				
Out-of-pocket expenditure as percentage of private expenditure on health	56.7	WHO 2011				
Private expenditure on health as percentage of total expenditure on health	5.2	WHO 2011				
General government expenditure on health as percentage of total government expenditure	25.5	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	694	WHO, 2005				
Nursing and midwifery personnel density (per 10,000 population)	14.5	WHO, 2005				
Number of physicians	89	WHO, 2005				
Physician density (per 10 000 population)	1.86	WHO, 2005				
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

**Solomon Islands****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