

PHG Needs Assessment Calculator
Lao People's Democratic Republic
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

Lao People's Democratic Republic

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	351559	349356	700915			0			0
5-9 years	379137	370071	749208			0			0
10-14 years	391785	375371	767156			0			0
15-19 years	323729	323540	647269			0			0
20-24 years	253926	261371	515297			0			0
25-29 years	211279	218330	429609			0			0
30-34 years	176515	183480	359995			0			0
35-39 years	164415	165362	329777			0			0
40-44 years	132335	133532	265867			0			0
45-49 years	113869	113298	227167			0			0
50-54 years	86770	91210	177980			0			0
55-59 years	62691	65640	128331			0			0
60-64 years	50006	55008	105014			0			0
65+ years	102364	115373	217737			0			0
Total	0	0	5621982	0	0	0	0	0	0
Female population aged 15-44 years		0			-			-	
Data year	2005 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	14	WHO, 2009				
Total births in 1000s (LB+SB) per year	157	Unicef, 2007				
Infant mortality rate: infant deaths / 1000 LB / year	42	UNICEF				
Under-5 mortality rate: U5 deaths / 1000 LB / year	54	UNICEF (2011), 2010				
Percentage births in women >35 years						
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 (%)	35	WHO, 2006				
Prenatal visits – at least 4 visits (%)						
Births attended by skilled health personnel (%)	20	WHO, 2006				
Contraception prevalence rate (%)	38.0	WHO, 2005				
Unmet need for family planning (%)	27.0	WHO, 2005				
Total fertility rate	3.4	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. \$)	2050	WHO, 2008				
% population living on < US\$1 per day	44.0	WHO, 2002				
Birth registration coverage (%)	72	WHO, 2006				
Death registration coverage (%)						

LB = live births

PPP = purchasing power parity

SBA = skilled birth attendant

Lao People's Democratic Republic

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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. \$)	86	WHO, 2009				
Total expenditure on health as percentage of GDP	4.1	WHO, 2009				
Per capita government expenditure on health (PPP int. \$)	16	WHO, 2009				
External resources for health as percentage of total expenditure on health	0	WHO, 2009				
General government expenditure on health as percentage of total expenditure on health	19.1	WHO, 2009				
Out-of-pocket expenditure as percentage of private expenditure on health	75.8	WHO, 2009				
Private expenditure on health as percentage of total expenditure on health	80.9	WHO, 2009				
General government expenditure on health as percentage of total government expenditure	3.7	WHO, 2009				

Health Workforce	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Number of nursing and midwifery personnel	5724	WHO, 2005				
Nursing and midwifery personnel density (per 10,000 population)	9.7	WHO, 2005				
Number of physicians	1614	WHO, 2005				
Physician density (per 10 000 population)	2.72	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						

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

Lao People's Democratic Republic**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