PHG Needs Assessment Calculator
Niger
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

Niger
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	1176053	1136966	2313019			0			0
5-9 years	920830	865788	1786618			0			0
10-14 years	600216	558785	1159001			0			0
15-19 years	514387	611802	1126189			0			0
20-24 years	411402	460594	871996			0			0
25-29 years	359085	405040	764125			0			0
30-34 years	292822	329695	622517			0			0
35-39 years	331961	296601	628562			0			0
40-44 years	291705	252763	544468			0			0
45-49 years	102757	124889	227646			0			0
50-54 years	160480	160550	321030			0			0
55-59 years	95407	103165	198572			0			0
60-64 years	94385	86978	181363			0			0
65+ years	164153	149723	313876			0			0
Total	0	0	11059421	0	0	0	0	0	0
Female population aged 15-44 years		0			-			-	
Data year			2001 reported in 2005						
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	49	Unicef, 2007				
Still birth rate (SB): Still births (SB) / year / 1000 total births	23	WHO, 2009				
Total births in 1000s (LB+SB) per year	701	Unicef, 2007				
Infant mortality rate: infant deaths / 1000 LB / year	73	UNICEF (2011), 2010				
Under-5 mortality rate: U5 deaths / 1000 LB / year	143	UNICEF (2011), 2010				
Percentage births in women >35 years						
Life expectancy at birth (yrs)	57	WHO, 2009				
% of marriages consanguineous						

Maternal health	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Prenatal visits – at least 1 visit (%)	46	WHO, 2006				
Prenatal visits – at least 4 visits (%)	15	WHO, 2006				
Births attended by skilled health personnel (%)	33	WHO, 2006				
Contraception prevalence rate (%)	11.2	WHO, 2006				
Unmet need for family planning (%)	15.8	WHO, 2006				
Total fertility rate	7.1	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. $)	680	WHO, 2008				
% population living on < US$1 per day						
Birth registration coverage (%)	32	WHO, 2006				
Death registration coverage (%)						

LB = live births

PPP = purchasing power parity

SBA = skilled birth attendant

Niger
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. $)	40	WHO, 2009				
Total expenditure on health as percentage of GDP	6.1	WHO, 2009				
Per capita government expenditure on health (PPP int. $)	23	WHO, 2009				
External resources for health as percentage of total expenditure on health	32.6	WHO, 2009				
General government expenditure on health as percentage of total expenditure on health	57.6	WHO, 2009				
Out-of-pocket expenditure as percentage of private expenditure on health	96.2	WHO, 2009				
Private expenditure on health as percentage of total expenditure on health	42.4	WHO, 2009				
General government expenditure on health as percentage of total government expenditure	14.5	WHO, 2009				

Health Workforce	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Number of nursing and midwifery personnel	2115	WHO, 2008				
Nursing and midwifery personnel density (per 10,000 population)	1.4	WHO, 2008				
Number of physicians	288	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						

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 facillities for safe terminations of pregnancies for fetal defects						

PPP = purchasing power parity

GDP = gross domestic product

SBA = skilled birth attendant

CD = congenital disorders

Niger
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