

PHG Needs Assessment Calculator
United Kingdom
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

United Kingdom

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	2548402	2422427	4970829			0			0
5-9 years	2166818	2055210	4222028			0			0
10-14 years	1833813	1772143	3605956			0			0
15-19 years	1631272	1575275	3206547			0			0
20-24 years	1394941	1350975	2745916			0			0
25-29 years	1184126	1158525	2342651			0			0
30-34 years	987662	981479	1969141			0			0
35-39 years	806089	817220	1623309			0			0
40-44 years	624348	656620	1280968			0			0
45-49 years	494742	529860	1024602			0			0
50-54 years	378954	411344	790298			0			0
55-59 years	292240	319199	611439			0			0
60-64 years	218171	235596	453767			0			0
65+ years	381938	452692	834630			0			0
Total	14943516	14738565	29682081	0	0	0	0	0	0
Female population aged 15-44 years		6540094			-			-	
Data year	2007 reported in								
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	12.20	Unicef, 2013				
Still birth rate (SB): Still births (SB) / year / 1000 total births	3.50	WHO, 2009				
Total births in 1000s (LB+SB) per year	761	Unicef, 2013				
Infant mortality rate: infant deaths / 1000 LB / year	4.4	Unicef, 2013				
Under-5 mortality rate: U5 deaths / 1000 LB / year	5.1	Unicef, 2013				
Percentage births in women >35 years						
Life expectancy at birth (yrs)	80.17	Unicef, 2013				
% of marriages consanguineous						

	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Maternal health						
Prenatal visits – at least 1 visit (%)	–	Unicef, 2013				
Prenatal visits – at least 4 visits (%)	–	Unicef, 2013				
Births attended by skilled health personnel (%)	–	Unicef, 2013				
Contraception prevalence rate (%)	84.0	Unicef, 2013				
Unmet need for family planning (%)						
Total fertility rate	1.87	Unicef, 2013				
% home births						
% births at health care services	–	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. \$)	36970	Unicef, 2013				
% population living on < US\$1 per day		Unicef, 2013				
Birth registration coverage (%)	>90	WHO 2010				
Death registration coverage (%)	90-100	WHO, 2009				

LB = live births

PPP = purchasing power parity

SBA = skilled birth attendant

United Kingdom
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. \$)	3321.7	WHO 2011				
Total expenditure on health as percentage of GDP	9.3	WHO 2011				
Per capita government expenditure on health (PPP int. \$)	2747	WHO 2011				
External resources for health as percentage of total expenditure on health		WHO 2011				
General government expenditure on health as percentage of total expenditure on health	82.7	WHO 2011				
Out-of-pocket expenditure as percentage of private expenditure on health	53.1	WHO 2011				
Private expenditure on health as percentage of total expenditure on health	17.3	WHO 2011				
General government expenditure on health as percentage of total government expenditure	15.9	WHO 2011				

Health Workforce	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Number of nursing and midwifery personnel	621755	WHO, 2009				
Nursing and midwifery personnel density (per 10,000 population)	103	WHO, 2009				
Number of physicians	165317	WHO, 2009				
Physician density (per 10 000 population)	27.39	WHO, 2009				
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

United Kingdom**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