

PHG Needs Assessment Calculator**Turkmenistan****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

Turkmenistan**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	277748	293607	571355			0			0
5-9 years	300841	312925	613767			0			0
10-14 years	316247	328889	645136			0			0
15-19 years	284926	294186	579113			0			0
20-24 years	235762	243291	479053			0			0
25-29 years	210578	212531	423109			0			0
30-34 years	194438	186510	380948			0			0
35-39 years	173922	167481	341403			0			0
40-44 years	161800	154509	316309			0			0
45-49 years	120701	112803	233504			0			0
50-54 years	84220	76931	161151			0			0
55-59 years	44454	41472	85927			0			0
60-64 years	49068	43924	92992			0			0
65+ years	117159	83011	200170			0			0
Total	0	0	5123940	0	0	0	0	0	0
Female population aged 15-44 years		0			-			-	
Data year	2003 reported in 2007								
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	42	Unicef, 2007				
Still birth rate (SB): Still births (SB) / year / 1000 total births	14	WHO, 2009				
Total births in 1000s (LB+SB) per year	48	Unicef, 2007				
Infant mortality rate: infant deaths / 1000 LB / year	47	UNICEF				
Under-5 mortality rate: U5 deaths / 1000 LB / year	56	UNICEF (2011), 2010				
Percentage births in women >35 years						
Life expectancy at birth (yrs)	67	WHO, 2009				
% of marriages consanguineous						

Maternal health	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Prenatal visits – at least 1 visit (%)	84	WHO, 2010				
Prenatal visits – at least 4 visits (%)	55	WHO, 2010				
Births attended by skilled health personnel (%)	29.6	WHO, 2010				
Contraception prevalence rate (%)	22.3	WHO, 2010				
Unmet need for family planning (%)	3.8	WHO, 2003				
Total fertility rate	6.4	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. \$)	4690	WHO, 2008				
% population living on < US\$1 per day	52.9	WHO, 2001				
Birth registration coverage (%)	53	WHO, 2003				
Death registration coverage (%)						

LB = live births

PPP = purchasing power parity

SBA = skilled birth attendant

Turkmenistan
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. \$)	120	WHO, 2009				
Total expenditure on health as percentage of GDP	12.3	WHO, 2009				
Per capita government expenditure on health (PPP int. \$)	85	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	71.0	WHO, 2009				
Out-of-pocket expenditure as percentage of private expenditure on health	25.6	WHO, 2009				
Private expenditure on health as percentage of total expenditure on health	29.0	WHO, 2009				
General government expenditure on health as percentage of total government expenditure	9.8	WHO, 2009				

Health Workforce	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Number of nursing and midwifery personnel	1795	WHO, 2004				
Nursing and midwifery personnel density (per 10,000 population)	21.9	WHO, 2004				
Number of physicians	79	WHO, 2004				
Physician density (per 10 000 population)	1	WHO, 2004				
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

Turkmenistan**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