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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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	Estimates			Your estimates			Chosen estimates		
Age group	Male	Female	Total	Male	Female	Total	Male	Female	Total
0-4 years	883323.3	883286	1766609			0			0
5-9 years	805738.9	810811	1616550			0			0
10-14 years	795340	798594.95925	1593934			0			0
15-19 years	776472.2	808326.83959	1584799			0			0
20-24 years	594495.8	694473.43136	1288969			0			0
25-29 years	499582.5	541554.42357	1041136			0			0
30-34 years	389809.8	379758.35565	769568			0			0
35-39 years	248421	283320.72331	531741			0			0
40-44 years	205217.3	252680.00401	457897			0			0
45-49 years	174371.8	201497.24898	375869			0			0
50-54 years	134943.5	182588.96334	317532			0			0
55-59 years	103732.2	118576.52701	222308			0			0
60-64 years	99547.8	104791.89244	204339			0			0
65+ years	207177.7	234654.99744	441832.73162			0			0
Total	5918174	6294915.3659	13667894.138	0	0	0	0	0	0
Female population aged 15-44 years		2960113.7775			-			-	
Data year		2009 reported in 2011							
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

	Estimate	Source, Year				
Crude birth rate: live births (LB) / year / 1000 population	21.43	Unicef, 2013				
Still birth rate (SB): Still births (SB) / year / 1000 total births	12.73	WHO, 2009				
Total births in 1000s (LB+SB) per year	109	Unicef, 2013				
Infant mortality rate: infant deaths / 1000 LB / year	44.6	Unicef, 2013				
Under-5 mortality rate: U5 deaths / 1000 LB / year	52.5	Unicef, 2013				
Percentage births in women >35 years						
Life expectancy at birth (yrs)	64.99	Unicef, 2013				
% of marriages consanguineous						

Maternal health	Estimate	Source, Year	Your estimate	Source, Year	Chosen estimate	Source, Year
Prenatal visits – at least 1 visit (%)	99.1	Unicef, 2013				
Prenatal visits – at least 4 visits (%)	82.8	Unicef, 2013				
Births attended by skilled health personnel (%)	99.5	Unicef, 2013				
Contraception prevalence rate (%)	48.0	Unicef, 2013				
Unmet need for family planning (%)	3.8	WHO, 2003				
Total fertility rate	2.36	Unicef, 2013				
% home births						
% births at health care services	97.80	Unicef, 2013				
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. $)	8350	Unicef, 2013				
% population living on < US$1 per day	52.9	Unicef, 2013				
Birth registration coverage (%)	95.5	WHO 2006				
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. $)	251	WHO 2011				
Total expenditure on health as percentage of GDP	2.7	WHO 2011				
Per capita government expenditure on health (PPP int. $)	152.5	WHO 2011				
External resources for health as percentage of total expenditure on health	0	WHO 2011				
General government expenditure on health as percentage of total expenditure on health	60.8	WHO 2011				
Out-of-pocket expenditure as percentage of private expenditure on health	100	WHO 2011				
Private expenditure on health as percentage of total expenditure on health	39.2	WHO 2011				
General government expenditure on health as percentage of total government expenditure	9.8	WHO 2011				

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 facillities 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