

**PHG Needs Assessment Calculator**  
**New Zealand**  
**Health Services**

Welcome to the PHG Health Needs Assessment Calculator for Health Services. The contents of this file are listed below.

Full name of the sheet	Short name
Country demographic, maternal health and socioeconomic indicators	Demography
Country health-service data	HealthServices
Health services: Birth prevalence estimates for various congenital disorders	HSER-NA1

**New Zealand****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		160020	151830	311850			0			0
5-9 years		146900	139920	286820			0			0
10-14 years		151580	144210	295790			0			0
15-19 years		165510	156880	322390			0			0
20-24 years		161380	153840	315220			0			0
25-29 years		143180	145230	288410			0			0
30-34 years		129330	139990	269330			0			0
35-39 years		143000	158290	301290			0			0
40-44 years		149330	162400	311730			0			0
45-49 years		156140	166530	322670			0			0
50-54 years		142640	148850	291480			0			0
55-59 years		123430	127910	251340			0			0
60-64 years		113090	117220	230310			0			0
65+ years		259070	310080	569150			0			0
Total		0	0	4367780	0	0	0	0	0	0
Female population aged 15-44 years			0			-			-	
Data year		2010 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

<b>Fertility and mortality</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
Crude birth rate: live births (LB) / year / 1000 population	14	Unicef, 2007				
Still birth rate (SB): Still births (SB) / year / 1000 total births	4	WHO, 2009				
Total births in 1000s (LB+SB) per year	57	Unicef, 2007				
Infant mortality rate: infant deaths / 1000 LB / year	5	UNICEF				
Under-5 mortality rate: U5 deaths / 1000 LB / year	6	UNICEF (2011), 2010				
Percentage births in women >35 years						
Life expectancy at birth (yrs)	81	WHO, 2009				
% of marriages consanguineous						

<b>Maternal health</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
Prenatal visits – at least 1 visit (%)						
Prenatal visits – at least 4 visits (%)						
Births attended by skilled health personnel (%)	95.7	WHO, 2007				
Contraception prevalence rate (%)						
Unmet need for family planning (%)						
Total fertility rate	2	WHO, 2009				
% home births						
% births at health care services						
<b>Newborn health</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
Number of neonatal examinations by SBA / trained staff						
% neonatal examinations by SBA/ trained staff						

<b>Socio-economic indicators</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
Gross national income per capita (PPP int. \$)	25200	WHO, 2008				
% population living on < US\$1 per day						
Birth registration coverage (%)	>90	WHO, 2008				
Death registration coverage (%)	90-100	WHO, 2008				

LB = live births

PPP = purchasing power parity

SBA = skilled birth attendant

**New Zealand**  
**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.**

<b>Health Expenditure</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
Per capita total expenditure on health (PPP int. \$)	2667	WHO, 2009				
Total expenditure on health as percentage of GDP	9.7	WHO, 2009				
Per capita government expenditure on health (PPP int. \$)	2139	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	80.2	WHO, 2009				
Out-of-pocket expenditure as percentage of private expenditure on health	71.0	WHO, 2009				
Private expenditure on health as percentage of total expenditure on health	19.8	WHO, 2009				
General government expenditure on health as percentage of total government expenditure	18.3	WHO, 2009				

<b>Health Workforce</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
Number of nursing and midwifery personnel	44491	WHO, 2007				
Nursing and midwifery personnel density (per 10,000 population)	108.7	WHO, 2007				
Number of physicians	9757	WHO, 2007				
Physician density (per 10 000 population)	23.84	WHO, 2007				
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						

<b>Infrastructure</b>	<b>Estimate</b>	<b>Source, Year</b>	<b>Your estimate</b>	<b>Source, Year</b>	<b>Chosen estimate</b>	<b>Source, Year</b>
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

**New Zealand****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