

Table 2.1: Type of Health Facilities, (2012-2018)

(Number)

Facility Type	2012	2013	2014	2015	2016	2017	2018
Hospitals	1	1	1	1	1	1	1
BHU grade I	1	1	1	1	1	1	1
BHU grade II	24	20	22	22	22	22	25
ORC with shed	57	46	53	53	52	52	58
ORC without shed	...	3	0	0	0	0	0
Indigenous Unit	4	4	4	4	5	5	5
Ambulance	5	8	8	9	9	10	10

Source: Dzongkhag Health Sector

Table 2.2: Health Personnel by type, (2012 -2018)

Health personnel	(Number)						
	2012	2013	2014	2015	2016	2017	2018
Doctors (MBBS/Specialist) <sup>1</sup>	13	16	17	17	15	16	16
Drungtshos (Indigenous Physicians)	1	2	2	2	3	4	4
Clinical Officers	...	...	...	...	...	1	1
Assistant Clinical Officers (ACO)	1	2	3	3	3	0	0
Health Assistant	38	43	56	56	56	49	48
Basic Health Worker	13	10	10	10	10	0	0
Physiotherapists	5	5	6	6	6	6	6
Nurses (Assistant Nurse/GNM/B.Sc. Nurse)	52	89	81	84	102	102	112
Sowa Menpas	4	5	5	4	4	6	6
Pharmacists	7	6	6	6	6	2	2
Technicians	51	32	37	37	37	37	45
Medical Lab. Technologists	1	1	1	1	1	1	1
Village Health Worker (VHW)	93	93	82	82	82	78	65
Administration & Supporting Staffs ( <i>Ward boys/Ward Girls, Caretaker, Cleaners, Drivers, etc.</i> )	...	...	61	125	127	131	138

<sup>1</sup> Includes all medical doctors registered and certified by the Bhutan Medical and Health Council.

Source: Dzongkhag Health Sector

Table 2.3: Summary of Health Indicators, (2012-2018)

(Number)

Facilities	2012	2013	2014	2015	2016	2017	2018
Persons per doctor	2834.6	2323.1	2167.7	2100.4	2369.0	2321.8	2313.56
Number of hospital beds available	231	244	244	244	244	248	248
Nurses per (1,000) persons	1.4	2.4	2.2	2.4	2.9	2.7	0.32
Ratio of beds per nurse	4.4	2.6	2.2	2.9	2.4	1.5	2.2
Ratio of nurses per doctor	4.0	5.6	4.8	4.9	6.8	6.3	7
Persons per hospital bed	160.0	152.0	152.0	146.3	146.3	247.7	149
Doctors per (1,000) persons	0.4	0.4	0.5	0.5	0.4	0.4	0.4
Hospital bed per (1,000) persons	6.3	6.6	6.6	6.8	6.8	4.0	6.7
Proportion of population within 3 hrs reach to health facility (%)	90.6	87.3	88.8	...	95.0	98.3	99
Population access to safe drinking water (%)	96.7	96.6	98.1	...	...	...	99
Deliveries attended by trained personnel (%)	64.2	68.0	75.1	79.2	91.6	82.3	96.8

Source: Dzongkhag Health Sector

Table 2.4: Total Number of Live Births & Deaths, (2012-2018)

(Number)

Details	2012	2013	2014	2015	2016	2017	2018
<b>Live births</b>							
Male	453	405	360	251	258	321	325
Female	478	447	395	254	300	266	301
<b>Infant deaths</b>							
Male	6	8	5	9	7	9	6
Female	4	4	10	7	9	6	1
<b>Total deaths</b>							
Male	63	69	112	106	67	96	85
Female	53	44	85	93	63	99	78

Source: Dzongkhag Health Sector

Table 2.5: Sanitation Facility Coverage by type, (2012-2018)

(Percent)

Facility	2012	2013	2014	2015	2016	2017	2018
Latrine	95.60	94.80	96.60	97.10	99.10	100.00	100.00
Water Supply	94.50	96.70	96.60	97.30	96.90	96.80	98.10
Household with Functional Piped water	91.10	95.00	94.40	96.10	95.00	95.80	96.50
Drainage & Footpath	78.50	77.30	81.10	83.60	92.00	94.20	95.20
Household with Animal Shed	61.20	60.90	59.40	98.20	97.50	97.70	97.90
Household with Vegetable Garden	74.00	75.70	77.10	78.10	...	...	80.20
Household with Garbage Pit	85.50	89.00	81.10	82.90	...	...	92.00

Source: Dzongkhag Health Sector

**Table 2.6: Top Ten Morbidity, (2012-2018)**

	(Number)		(Number)
<b>Disease</b>	<b>2012</b>	<b>Disease</b>	<b>2013</b>
Common cold	15020	Common cold	13245
Other Disorders of the skin and subcutaneous tissues	5687	Skin Infections	6246
Skin Infections	5441	Other Diseases of the Digestive System	5763
Other Diseases of the Digestive System	5315	Other Disorders of the skin and subcutaneous tissues	5360
Other Musculo-skeletal Disorders	5057	Other Nervous including peripheral Disorders	5037
Other Nervous including peripheral Disorders	4709	Other Musculo-skeletal Disorders	4529
Diarrhoea	4117	Other Respiratory and nose diseases	3884
Other Respiratory and nose diseases	4029	Diarrhoea	2850
Acute pharyngitis/tonsillitis	2520	Other eye disorder	2848
Other eye disorder	2461	Dental caries	2842

	(Number)		(Number)
<b>Disease</b>	<b>2014</b>	<b>Disease</b>	<b>2015</b>
Common cold	14650	Common cold	15,671
Other Disorders of the skin and subcutaneous tissues	6466	Other Diseases of the Digestive System	6,701
Skin Infections	6230	Other Disorders of the skin and subcutaneous tissues	6,351
Other Diseases of the Digestive System	5973	Skin Infections	5,157
Skin Infections	5463	Other Musculo-skeletal Disorders	5,123
Other Musculo-skeletal Disorders	3675	Conjunctivitis	3,206
Other Nervous including peripheral Disorders	3528	Other Respiratory and nose diseases	3,159
Other Respiratory and nose diseases	3205	ANC, Immunization & Other Counselling	3,120
ANC, Immunization & Other Counselling	3205	Diarrhoea	2,724
Diarrhoea	2984	Acute pharyngitis/tonsillitis	2,685
Conjunctivitis			
Peptic Ulcer Syndrome			

	(Number)		(Number)
<b>Disease</b>	<b>2016</b>	<b>Disease</b>	<b>2017</b>
Common Cold	16817	Common Cold	14991
Other Disorders of Skin and Subcutaneous Tissue	7562	Other Disorders of Skin and Subcutaneous Tissue	6327
Other Diseases of the Digestive System	6721	Other Nervous Disorders (includes Peripheral disorders)	6249
Other Musculo-Skeletal Disorders	5887	Other Diseases of the Digestive System	6162
Skin Infections	5593	Other Musculo-Skeletal Disorders	5524
Other Nervous Disorders (includes Peripheral disorders)	5578	Skin Infections	5172
Other Respiratory & Nose Diseases	3821	Other Respiratory & Nose Diseases	3695
Acute Pharyngitis/ Tonsillitis	3292	Acute Pharyngitis/ Tonsillitis	3145
Diarrhoea	2842	Other Eye Disorders	2821
Other Eye Disorders	2661	Peptic Ulcer Syndrome	2579

(Number)

<b>Disease</b>	<b>2018</b>
Common Cold	12414
ANC, Immunization & Other Counselling	5910
Other Disorders of Skin and Subcutaneous Tissue	5528
Other Nervous Disorders (includes Peripheral disorders)	5431
Other Diseases of the Digestive System	4748
Other Musculo-Skeletal Disorders	4096
Skin Infections	3602
Other Respiratory & Nose Diseases	2350
Other Eye Disorders	2207
Peptic Ulcer Syndrome	2206

**Source: Dzongkhag Health Sector**

Table 2.7: Top Ten Inpatient Hospital Mortality, (2012-2018)

Sl.No.	Diseases	(Number) 2012
1	Neonatal Death	14
2	Other Circulatory Diseases	13
3	Alcoholic Liver Diseases	10
4	Other Nervous including Peripheral Disorders	10
5	Other Diseases of the Digestive System	7
6	Other Kidney, UT/Genital Disorders	7
7	Tuberculosis	6
8	Other Respiratory & Nose Diseases	5
9	Hypertension	4
10	Pneumonia	4

Sl.No.	Diseases	(Number) 2013
1	Alcoholic Liver Disease	16
2	Pneumonia	11
3	Conditions Originating in the Perinatal period	11
4	Other Nervous including Peripheral Disorders	10
5	Other Circulatory Diseases	9
6	Other Respiratory & Nose Diseases	9
7	Conditions Originating in the Perinatal period	5
8	Other Diseases of the Digestive System	4
9	Rheumatic Heart Diseases	3
10	Low Birth Weight	2

Sl.No.	Diseases	(Number) 2014
1	Alcoholic Liver Disease	22
2	Other Respiratory & Nose Diseases	11
3	Conditions Originating in the Perinatal period	10
4	Other Nervous including Peripheral Disorders	10
5	Other Kidney, UT/Genital Disorders	8
6	Pneumonia	7
7	Other Diseases of the Digestive System	6
8	Low Birth Weight	6
9	Meningitis/Encephalitis	5

Sl.No.	Diseases	(Number) 2015
1	Alcoholic Liver Disease	18
2	Pneumonia	16
3	Other Circulatory Diseases	11
4	Low Birth Weight	9
5	Other Diseases of the Digestive System	6
6	Other Kidney, UT/Genital Disorders	6
7	Conditions Originating in the Perinatal period	6
8	Other Respiratory & Nose Diseases	5
9	Epilepsy	3



10	Other Circulatory Diseases	4
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(Number)

Sl.No.	Diseases	2016
1	Other Circulatory Diseases	35
2	Alcoholic Liver Disease	22
3	Other Kidney, UT/Genital Disorders	20
4	Other Respiratory & Nose Diseases	15
5	Other Nervous Disorders (includes Peripheral disorders)	7
6	Other Sepsis (includes Septicaemia)	6
7	Low Birth Weight	6
8	Meningitis/Encephalitis	4
9	Tuberculosis <sup>B</sup>	4
10	Pneumonia	17

(Number)

Sl.No.	Diseases	2018
1	Other Complications of Pregnancy	310
2	Other Musculo-Skeletal Disorders	123
3	Other Circulatory Diseases	64
4	Other Kidney, UT/Genital Disorders	59
5	Other Respiratory & Nose Diseases	54
6	Other Diseases of the Digestive System	39
7	Alcoholic Liver Disease	35
8	Other Disorders of Skin and Subcutaneous Tissue	35
9	Other Infections (excludes ear, brain, STI)	29
10	Hypertension	27

10	Diabetes	3
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(Number)

Sl.No.	Diseases	2017
1	Alcoholic Liver Disease	22
2	Other Circulatory Diseases	13
3	Pneumonia	10
4	Other Respiratory & Nose Diseases	8
5	Diabetes	7
6	Other Nervous Disorders (includes Peripheral disorders)	5
7	Other Kidney, UT/Genital Disorders	4
8	Tuberculosis <sup>B</sup>	4
9	Low Birth Weight	3
10	Meningitis/Encephalitis	3

Table 2.8: Immunization Status, (2012-2018)

(Number)

Antigen	2012	2013	2014	2015	2016	2017	2018
BCG	1024	1113	1108	1061	983	865	1141
Measles	802	801	787	776	637	571	579
OPV0	856	801	862	743	887	824	1115
DPT-Hep B2	861	794	820	745	660	572	659
OPV 3	1034	1070	1058	1007	661	582	660

Source: Annual Health Bulletin, MoH.

Table 2.9: Details of Maternal & Child Health Care Activities, (2012-2018)

(Number)

Type of care	2012	2013	2014	2015	2016	2017	2018
Antenatal care attendance							
1st visit	795	778	819	722	292	335	363
2nd visit	756	751	761	659	589	285	255
3rd visit	717	690	751	620	...	45	47
4th visit	622	645	692	572	...	616	544
5+ visit	1140	1261	1544	1291	530	342	390
Deliveries attended by trained health personnel							
Home	53	51	64	175	39	18	99
Health facility	876	943	1021	922	927	906	820
Post-natal care attendance							
1st visit	574	612	665	555	414	421	431
2+ visit	664	791	843	747	527	497	497

Source: Annual Health Bulletin, MoH.

Table 2.10: Nutritional and Vitamin supplements status of Children, (2012-2018)

(Number)

Details	2012		2013		2014		2015		2016		2017		2018	
	New	Old	New	Old	New	Old	New	Old	New	Old	New	Old	New	Old
<b>Child Attendances</b>														
Infants: <1 Year	1135	8316	1171	8227	1237	7830	1109	7636	863	7884	805	1202	1071	1319
Child: 1 to <5 Years	3	10937	43	11703	39	11353	76	11,094	16	10,837	37	9,428	89	9050
Total	1138	19253	1214	19930	1276	19183	1,185	18,730	879	18,721	842	10,630	1160	10369
<b>Weight</b>														
Over Weight		333		321		324		167		...		...		...
Normal Weight		19264		20016		19636		19002		16130		15211		16879
Under Weight		561		648		482		522		...		...		...
All malnourished <sup>1</sup>														
<b>Vitamin A Supplements</b>														
Infants: <1 Year		1236		1207		1149		993		868		787		663
Child: 1 to <5 Years		3060		3626		3871		3910		3977		3922		4574
PP Mother <sup>2</sup>		1,088		1,108		1,095		1,052		558		328		364

<sup>1</sup>All malnourished included over weight and under weight

<sup>2</sup> Post-partum mother

Source: Annual Health Bulletin, MoH.

Table 2.11: Number of Surgeries, (2012-2018)

(Numbers)

Details	2012	2013	2014	2015	2016	2017	2018
Surgeries							
Caesarian section	232	310	284	328	519	298	335
General abdominal	136	31	202	89	64	91	66
General others	305	59	280	288	222	151	363
Orthopaedic extremities	275	359	297	315	294	256	199
Orthopaedic others	40	39	42	33	12	35	7
Gynaecology	166	270	320	228	160	147	259
ENT	347	17	164	143	2	12	3
Eye	117	5	76	72	83	126	100

Source: Annual Health Bulletin, MoH.

**Table 2.12: Number of Family Planning Users by Methods, (2012-2018)**

(Numbers)

Family planning methods	2012	2013	2014	2015	2016	2017	2018
New IUD Inserted	114	365	198	178	147	252	543
Oral pills (No. of Cycles issued) <sup>1</sup>	3446	6018	2461	3305	3241	2933	2611
DMPA(No. Injected) <sup>2</sup>	8790	5579	6669	6723	7110	7246	6389
Vasectomy	514	520	491	437	454	226	248
Tubectomy	359	416	282	414	307	372	417
No. of Condom issued ( In pieces)	175434	211252	153235	148374	105662	86986	92644

<sup>1</sup> Oral pills = 1 user is equal to 13 cycles or 12 cycles

<sup>2</sup> DMPA = 1 user is equal to 4 injections

Source: Annual Health Bulletin, MoH.