



**Annual Dzongkhag Statistics
2012**



**Dzongkhag Administration
Bumthang**

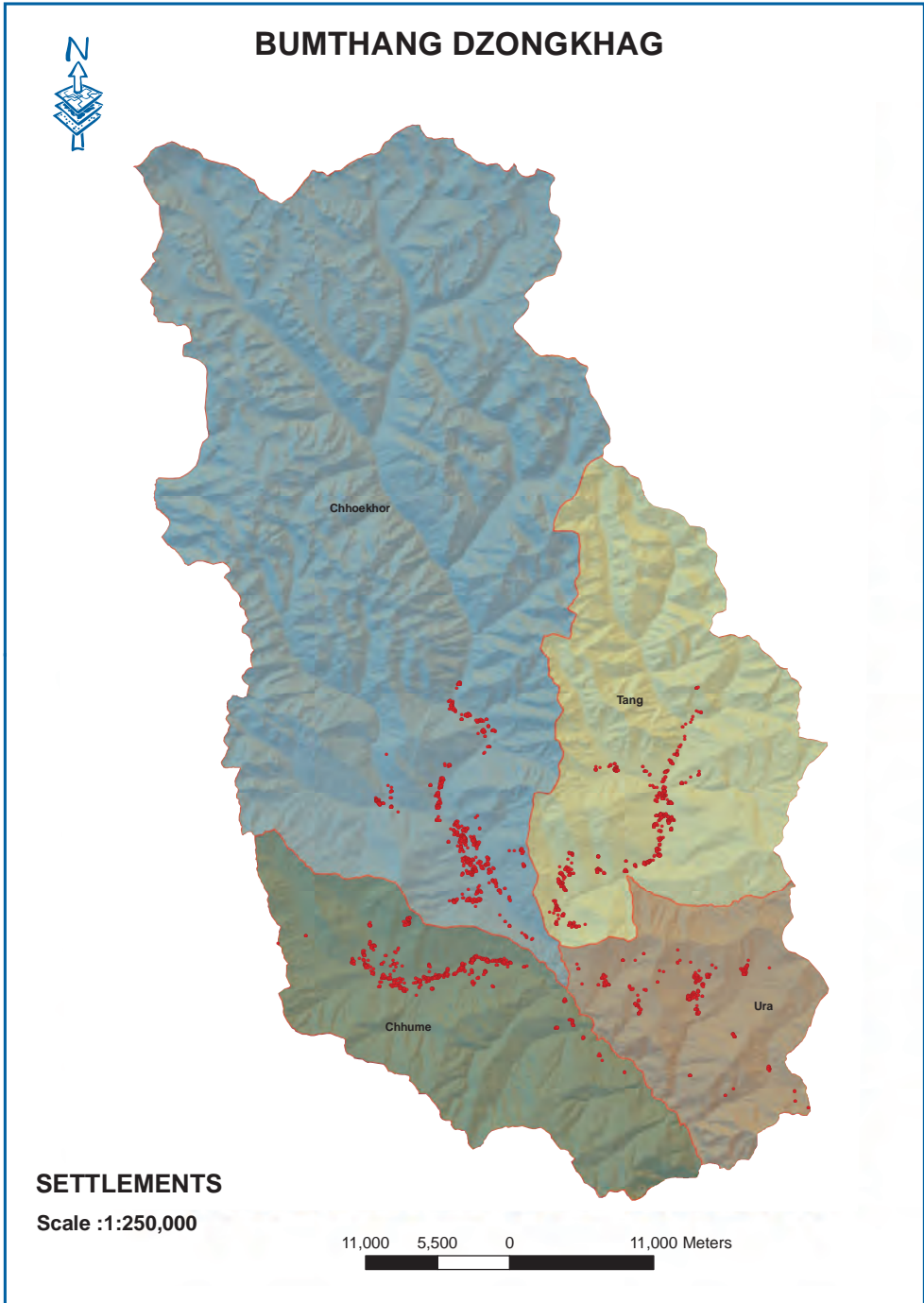
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Preface

The Annual Dzongkhag Statistics of Bumthang is the third in the series of publications. It attempts to provide comprehensive statistics of Bumthang Dzongkhag and will be published annually.

The report contains statistics on demographic and socio-economic, environment, culture, local governance and infrastructures of the Dzongkhag. The statistical data for this publication are collected and compiled from various sectors and through primary sources.

We hope that this report will serve as a source of information and guiding tool for micro-level planning and decision-making in the Dzongkhag. Statistics office, Bumthang would like to thank and acknowledge the support and corporation of all sector heads concerned for providing timely information for this report. Without their support, this publication would not have been possible. Through this initiative, we also hope that the maintenance of sectoral information and updation in the Dzongkhag will become more systematic and efficient henceforth.

Since this report is the third publication and with information source being from numerous sectors, we expect there may be certain deficiencies in terms of coverage and updation. However, there will be continuous efforts made to improve its coverage and quality in our future publications. Your comments and suggestions in this regard will be highly appreciated.

**Dzongkhag Statistics Unit
Bumthang**

Background

Bumthang Dzongkhag, encompassing a total area of 2,667.76 Sq.Km with an altitude ranging from 2400-6000 meters above the sea level, has four Gewogs, namely Chhoeckhor, Chhumei, Tang and Ura. It is bordered by China in the north, Mongar in the east, Zhemgang in the south and Trongsa in the west.

As per the Population and Housing Census of Bhutan (PHCB 2005), Bumthang Dzongkhag has 2,870 households and a total population of 16,116 out of which 11,913 live in the rural areas. The projected population for 2012 is 18,126.

A favorable terrain condition coupled with easy road accessibility has brought manifold changes in the socio-economic development of Bumthang. It is also considered as one of the prosperous Dzongkhags in the country.

The main source of income for the people of Bumthang are from potatoes, livestock farms and more recently tourism related activities. The sale of Cordyceps, Masutake and medicinal plants are also supplementing their income.

The Dzongkhag has a total road network of 317.175 Km including 124.000 Km of National Highway from Yotongla to Thrumshingla. It has a total of 19 Schools, out of which 11 are Community Primary Schools, 3 ECCD, 2 ECR, 1 Primary School, 2 Lower Secondary Schools, 3 Middle Secondary Schools and 2 Higher Secondary Schools with a total of 4,349 students and 257 teachers as of December 2012. It also has 24 NFE Centres and over 190 NFE Learners and 24 NFE Instructors. Ugyen Wangchuk Institute for Conservation and Environment and Chumei Institute for Civil Engineering with over 128 trainees and 22 teachers as of December 2012 are also located in Bumthang. It has one hospital and four BHUs.

As of 2012, it has a total of 16 mobile towers, out of which 7 towers are Bhutan Telecom and 9 mobile towers of Tashi Cell, Bumthang Dzongkhag have 100 percent coverage in all villages.

The Dzongkhag also has a mini-hydro power plant located at Chhumei Gewog supplying power to the local community.

Abbreviations

%: Percent	HIV: Human Immune Virus
< : Less than	Hr: Hour
> : Greater than	HSS: Higher Secondary School
AIDS: Acquired Immune Deficiency Syndrome	Inst: Institute
Avg: Average	Kg: Kilogram
BHU: Basic Health Unit	LFS: Labor Force Survey
BLSS: Bhutan Living Standard Survey	LSS: Lower Secondary School
Cft: Cubic Feet	Max: Maximum
CPS: Community Primary school	Min: Minimum
DPTH: Diphtheria Parthusis Tetanus Hepatitis B	MSS: Middle Secondary School
DT: Dzongkhag Tshogdu	n.a: Not Available
ECCD: Early Childhood Care Development Centre.	N.A: Not Applicable
ECR: Extended Classroom.	NFE: Non Formal Education
FYP: Five Year Plan	Nu: Ngultrum
GDP: Gross Domestic Product	ORC: Out Reach Clinic
GIS: (Infrastructure mapping): Geographical Infrastructure System	PAR: Poverty Analysis Report
Gm: Gram	PHCB: Population and Housing Census of Bhutan
GT: Gewog Tshogdu	PS: Primary School
	Pvt: Private
	Qty: Quantity
	Sq. Km: Square Kilometer
	SYB: Statistical Yearbook
	TV: Television

Table 1. Population by Age-Group and Sex, Bumthang, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	11,462	16,398	16,682	16,966	17,258	17,544	17,837	18,127
0-4	987	1,731	1,844	1,955	2,064	2,173	2,161	2,146
5-9	725	1,702	1,660	1,624	1,596	1,572	1,685	1,797
10-14	1,489	1,833	1,807	1,777	1,746	1,714	1,670	1,632
15-19	1,520	1,802	1,812	1,819	1,821	1,815	1,801	1,779
20-24	1,323	1,696	1,712	1,727	1,740	1,754	1,766	1,780
25-29	1,019	1,521	1,554	1,584	1,611	1,636	1,658	1,678
30-34	723	1,266	1,312	1,358	1,405	1,447	1,486	1,521
35-39	637	1,058	1,088	1,118	1,153	1,190	1,234	1,281
40-44	521	859	891	925	960	994	1,026	1,058
45-49	518	707	727	747	771	797	828	860
50-54	453	583	600	616	635	653	673	694
55-59	337	478	489	502	515	529	545	562
60-64	358	386	394	403	412	423	434	446
65+	852	776	792	811	829	847	870	893
Male	5,947	8,892	9,033	9,173	9,314	9,454	9,593	9,729
0-4	481	901	960	1,018	1,075	1,132	1,125	1,116
5-9	124	890	867	847	831	817	876	934
10-14	798	966	950	933	915	897	872	850
15-19	858	962	964	964	962	956	946	932
20-24	872	932	935	937	937	939	940	943
25-29	566	849	866	881	893	902	909	913
30-34	416	715	739	763	787	808	828	845
35-39	333	599	616	633	652	672	695	719
40-44	263	480	500	520	541	561	579	597
45-49	267	392	403	414	428	443	461	480
50-54	236	322	331	340	350	360	371	382
55-59	172	262	268	275	282	290	298	307
60-64	179	210	214	219	224	230	235	242
65+	382	412	420	429	437	447	458	469

Female	5,515	7,506	7,649	7,793	7,944	8,090	8,244	8,398
0-4	506	830	884	937	989	1,041	1,036	1,030
5-9	601	812	793	777	765	755	809	863
10-14	691	867	857	844	831	817	798	782
15-19	662	840	848	855	859	859	855	847
20-24	451	764	777	790	803	815	826	837
25-29	453	672	688	703	718	734	749	765
30-34	307	551	573	595	618	639	658	676
35-39	304	459	472	485	501	518	539	562
40-44	258	379	391	405	419	433	447	461
45-49	251	315	324	333	343	354	367	380
50-54	217	261	269	276	285	293	302	312
55-59	165	216	221	227	233	239	247	255
60-64	179	176	180	184	188	193	199	204
65+	470	364	372	382	392	400	412	424

Note: Figures for the year 2006 onwards are based on the projected population
 Source: Population & Housing Census of Bhutan, 2005

Table 2. Population, Density and sex Ratio, Bumthang, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	11,913	16,398	16,682	16,966	17,258	17,544	17,837	18,127
Population density (Persons per Sq. Km)	4	6	6	6	6	7	7	7
Population sex ratio	116	119	118	117	117	117	116	116

Source: Dzongkhag Population Projection 2006-2015

Table 3. Total Number of Live Births, Deaths, Marriages and Divorces, Bumthang, (2008 ~ 2011)

Age-group	2008	2009	2010	2011
Live births	291	321	331	338
Male	136	177	155	n.a
Female	155	144	176	n.a
Total deaths	53	57	68	56
Male	30	26	39	24
Female	23	31	29	32
Infant deaths	3	3	3	2
Male	2	1	1	0
Female	1	2	2	2
Marriages certificate issued	14	81	136	101
Number of divorces	13	36	30	28

ω Source: Dzongkhag Health Section & Dzongkhag Court, Bumthang Dzongkhag.

Table 4. Adolescent Birth rate and Total fertility rate, Bumthang, (2010)

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	41
Total fertility rate	3.0

Source: BMIS, 2010

Table 5. Early Childbearing, Bumthang, (2010)

Percentage of women age 15-19 who have had livebirth or who are pregnant with the first child; percentage of women age 15-19 who have begun childbearing before age 15, and the percentage of women age 20~24 who have had a live birth before age 18.

Details	2010
% of women age 15~19	
Have had a live birth	6.4
Are pregnant with first child	7.9
Have begun childbearing	14.3
Have had a live birth before 15	0.0
Number of women age 15~19	51
% of women age 20~24 who have had a live birth before age 18	11.9
Number of women age 20~24	124

Source: BMIS, 2010

Table 6. Use of Contraception, Bumthang, (2010)

Details	2010
Percentage of Women age 15-49 Years Currently Married or in Union Who are using (or whose partner is using) a Contraceptive Method.	
Not using any method	39.5
Percent of women (currently married or inunion) who are using	
Female sterilization	4.4
Male sterilization	7.7
IUD	2.3
Injectables	34.4
Implants	0.0
Oral contraceptive Pill	6.4
Male condom	5.1
Female condom	0.1
Foam/ jelly	0.0
Lactational amenorrhoea method (LAM)	0.0
Periodic abstinence/ rhythm	0.0
Withdrawal	0.0
Other	0.0
Any modern method	60.5
Any traditional method	0.0
Any method	60.5
Number of women currently married or in union	222

Source: BMIS, 2010

Table 7. Antenatal Care Provider, Bumthang, (2010)

Percent Distribution of Women Aged 15-49 Who Gave Birth in The Survey by Type of Personnel Providing Antenatal Care.

Details	2010
Persons providing antenatal care	
Doctor	17.0
Nurse/ midwife	63.0
HA/ BHW	17.4
Assistant clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.0
Other/ missing	0.0
No antenatal care received	2.5
Total	100
At least once by skilled personnel	97.5
Number of women who gave birth in the preceding 2 years	69

Source: BMIS, 2010

Table 8. Number of Antenatal Care Visits, Bumthang, (2010)

Percentage of Women Who had a Live Births During the Two Years Preceding the Survey by Number of Antenatal Care Visits by Any Provider.

Details	2010
Percent of women who had	
No antenatal care visits	2.5
1 Visits	3.2

2 Visits	4.9
3 Visits	16.9
4 or more visits	72.4
Missing/ DK	0.0
Total	100
Number of women who gave birth in the preceding 2 years	69

Source: BMIS, 2010

Table 9. Assistance During Delivery, Bumthang, (2010)

Percent Distribution of Women age 15-49 Who had a Live Birth in the Two Years Preceding the Survey by Person Assisting, at Delivery and Percentage of Births Delivered by C-section.	
Details	2010
Person assisting at delivery	
Doctor	17.3
Nurse / Midwife	37.0
HA/BHW	4.8
Asst. clinical officer (ACO)	0.0
Traditional birth attendant	6.6
Village health worker	0.8
Relative / friend	32.5
Other/missing	0.0
No attendant	0.9
Total	100.0
Any skilled personnel	59.1
Percent delivered by C-section	12.6
Number of women who gave birth in preceding two years	69.0

Source: BMIS, 2010

Table 10. Place of Delivery, Bumthang, (2010)

Percent Distribution of Women age 15-49 With a Birth in Two Years Preceding the Survey by Place of Delivery.

Details	2010
Place of delivery	
Public sector health facility	55.7
Private sector health facility	0.0
Home	44.3
Other	0.0
Total	100.0
Delivered in health facility [1]	55.7
Number of women who gave birth in preceding two years	69

∞ Source: BMIS, 2010

Table 11. Health Infrastructures, Facilities and Personnel, Bumthang, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Number of hospitals	1	1	1	1	1
Number of BHUs					
BHU grade I	0	0	0	0	0
BHU grade II	3	4	4	4	4
Number of ORCs	14	13	13	13	13
Number of indigenous units	1	2	2	2	2
Number of doctors	2	2	1	2	2
Number of hospital/BHU beds	42	42	42	50	50
Persons per doctor	8,341	7,550	8,058	8,058	8,058
Persons per hospital bed	397	378	335	335	335
Total morbidity attendance	38,112	36,704	43,233	37,382	38,762
Health assistants	8	8	10	5	5
Basic health workers	4	4	4	5	5
Sister and nurses	9	8	7	8	8
Technicians	7	10	8	7	7
Indigenous dungtsho	1	1	1	1	1
Indigenous compounders/Menpas	1	2	2	3	3
Malaria workers	124	0	0	0	0
Village health workers	27	25	24	21	27
Number of children immunized	2,094	2,446	1,088	1,282	1,304
Polio	877	1,060	369	331	338
DPTH	696	854	367	331	338
Measles	332	315	336	356	339
BCG	189	217	16	264	289
Others	0	0	0	0	0

Source: Dzongkhag Health Section, Bumthang Dzongkhag.

Table 12. Hospital Admission and Average Length of Stay, Bumthang, (2007 ~ 2011)

Average admission	2007	2008	2009	2010	2011
Hospital admission					
Total	799	167	767	697	591
Patient days	3,441	501	2,178	2,789	1,970
Average days	4.3	3.0	2.8	4.0	3.3
BHU admission	26	36	15	26	0

Source : Annual Health Bulletin, MoH.

Table 13. Number of Surgeries, Bumthang, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Surgeries	0	0	0	0	0
Caesarian Section	0	0	0	0	0
General Abdominal	0	0	0	0	0
General Others	0	14	0	0	0
Orthopaedic extremities	0	0	0	0	0
Orthopaedic Others	0	0	0	0	0
Gynaecology	0	7	0	0	0
ENT	0	0	0	0	0
Eye	0	0	22	0	0

Source: Annual Health Bulletin, MoH

Table 14. Number of Dental Services, Bumthang, (2007 ~ 2011)

Dental Services	2007	2008	2009	2010	2011
Prophylaxis	0	8	25	33	15
Scaling	0	0	0	0	0
Fillings	0	234	351	532	269
Extractions	0	354	665	1,040	590
Others	0	282	651	992	460

Source: Annual Health Bulletin, MoH.

Table 15: Number of Top Ten Morbidity, Bumthang, (2008~ 2011)

Priority health problem/ Disease	2008	2009	2010	2011
Common cold (ARI)	6,599	8,514	5,571	3,066
Skin Disease	3,415	3,580	3,051	1,419
Pharyngitis / tonsillitis	2,779	2,919	2,188	1,239
Disease of teeth & gums	1,606	2,125	1,742	834
PUS	1,723	1,737	2,059	978
Diarrhoea / dysentery	1,610	1,964	1,525	871
Conjunctivities	1,245	1,836	1,587	623
Otitismedia	653	708	661	286
Nutritional anaemia	649	581	206	88
Pneumonia	152	235	120	58

Source: Dzongkhag Health Section, Bumthang Dzongkhag.

Table 16. Child Disability, Bumthang, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	1.4
Difficulty seeing, either in the daytime or at night	1.0
Appears to have difficulty hearing	1.3
No understanding of instructions	2.3
stiffness	2.1
Have fits, become rigid, lose consciousness	1.8
Not learning to do things like other children his/her age	2.4
No speaking cannot be understood in words	5.4
Appears mentally backward, dull, or slow	1.4
Speech is not normal	7.1
Number of children aged 3-9 years	242
Cannot name at least one object	22.4
Number of children aged 2 years	34
reported disability*	19.3
Number of children aged 2-9 years	275

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Bumthang, (2010)
 Percentage of children under age 5 by nutritional status according to three anthropometric indices: weight for age, height for age, and weight for height.

Nutritional Status	2010
Weight for age: % below -2 sd [1]	9.1
Weight for age: % below -3 sd [2]	2.7
Weight for age: Mean Z-Score (SD)	-.6
Weight for age: Number of children	165
Height for age: % below -2 sd [3]	21.5
Height for age: % below -3 sd [4]	6.0
Height for age: Mean Z-Score (SD)	-1.0
Height for age: Number of children	156
Weight for height: % below -2 sd [5]	3.3
Weight for height: % below -3 sd [6]	2.0
Weight for height: % above +2 sd	3.3
Weight for height: Mean Z-Score (SD)	-.0
Weight for height: Number of children	157

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Bumthang, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey Who Were Ever Breastfed, Percentage Who Were Breastfed Within One Hour of Birth and Initial Breastfeeding	2010
Percentage ever breastfed	95.0
Percentage who were first breastfed: Within one hour of birth	37.5
Percentage who were first breastfed: Within one day of birth	80.1
Percentage who received a prelacteal feed	15.4
Number of last-born children in the two years preceding the	69

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Bumthang, (2010)

Median duration of any breastfeeding, exclusive breastfeeding, and predominant breastfeeding among children age 0-35 months. Duration of Breastfeeding	2010
Median duration (in months) of Any breastfeeding	20.0
Exclusive breastfeeding	2.2
Predominant breastfeeding	3.4
Number of children age 0-35 months	106

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Bumthang, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey That are Estimated to Have Weighed Below 2500 Grams at Birth and Percentage of Live

Low Birth Weight Infants	2010
Percent of live births Below 2500 grams	11.4
Weighed at birth	73.4
Number of live births in the last 2 years	69

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Bumthang, (2010)

Percentage of women age 15-49 years with a live birth in the last 2 years protected against neonatal tetanus.

Neonatal Tetanus Protection	2010
Pregnancy during last pregnancy but received 2 doses, the last within prior 3 years	43.7
3 doses, the last within prior 5 years	29.3
4 doses, the last within prior 10 years	0.0
5 or more doses during lifetime	0.0
Protected against tetanus [1]	73.7
Number of women with a live birth in the last 2 years	69

Source: BMIS, 2010

Table 22. Solid Fuel Use, Bumthang, (2010)
 Percentage Distribution of Household Members According to Type of Cooking Fuel Used by the Household, and Percentage of Household Members Living in Solid Fuel Use

	2010
Percentage of household members in households using Electricity	22.7
Liquefied Petroleum Gas (LPG)	32.1
Kerosene	0.0
Coal	0.0
Wood	45.2
Straw/Shrubs/Grass	0.0
No food cooked in household	0.0
Other	0.0
Total	100.0
Solid fuels for cooking	45.2
Number of household members	1,605

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Bumthang, (2010)
 Percent distribution of household population according to main source of drinking water and percentage of household population using improved drinking

Water Sources	2010
Main source of drinking water	
Improved sources	
Piped into dwelling	28.1
Piped into compound	55.5
Piped to neighbor	2.6
Public outdoor tap	9.1
Protected well	0.1
Spring	4.1
Rainwater collection	0.0
Bottled water	0.0
Unimproved sources	
Unprotected well	0.0
Unprotected spring	0.0
Tanker-truck	0.0
Cart with samll tank/drum	0.0
Surface water (river,stream, dam, lake,pond,canal,irrigatio n channel)	0.2
Other	0.0
Total	100.0
Percentage using improved sources of drinking water	99.6
Number of household members	1,605

Source: BMIS, 2010

Table 24. Household Water Treatment, Bumthang, (2010)
Percentage of Household Population by Drinking Water Treatment Method Used in the Household, and for Household Members Living in Households Where an

Water Treatment	2010
Water treatment method used in the household	
None	17.8
Boil	73.5
Add bleach / chlorine	0.9
Strain through a cloth	1.1
Use water filter	20.3
Solar disinfection	0.0
Let it stand and settle	12.6
Other	0.0
Don't know	0.0
Number of household members	1,605
unimproved drinking water sources and using an appropriate drinking water sources	100.0
	6

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Bumthang, (2010)
 Percent Distribution of Household Population According to Time to go to Source of Drinking Water, Get Water and Return, for Users of Improved and Unimproved

Time to Source of Drinking Water	2010
Time to source of drinking water	
Users of improved drinking water sources	
Water on premises	88.2
Less than 30 minutes	7.8
30 minutes or more	3.4
Missing/DK	0.1
Users of unimproved drinking water sources	
Water on premises	0.0
Less than 30 minutes	0.4
30 minutes or more	0.0
Missing/DK	0.0
Total	100.0
members	1,605

Source: BMIS, 2010

Table 26. Types of Sanitation Facilities, Bumthang, (2010)
 Percent Distribution of Household Population According to Type of Toilet Facility Used by the Household

Time to Source of Drinking Water	2010
Type of toilet facility used by household	
Improved sanitation facility	
Flush toilet	2.9
Flush to septic tank(Without soak pit)	15.1
Flush to pit (latrine)	0.9
Flush to unknown place/not sure/DK where	0.0
Flush to septic tank (with soak pit)	13.2
Ventilated Improved Pit latrine (VIP)	0.0
Pit latrine with slab	58.7
Composing toilet	0.0
Unimproved sanitation facility	0.0
Flush to somewhere else	6.2
Pit latrine without slab /open pit	1.2
Long drop latrine	0.3
Bucket	0.0
Other	0.0
Missing	0.0
Open defecation (no facility, bush, field)	
No facility,bush, field	1.5
Total	100.0
Number of household members	1,605

Source: BMIS, 2010

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Table 28. School Enrolment by Grade and Sex, Bumthang, (2008-2012)

Class	2008	2009	2010	2011	2012
Primary level					
Total	2,274	2,203	2,613	2,580	2,473
Class PP	331	314	392	402	281
Class I	296	320	370	367	400
Class II	308	299	351	377	368
Class III	356	292	374	349	377
Class IV	347	362	367	387	371
Class V	315	339	392	322	359
Class VI	321	277	367	376	317
Male					
Total	1,133	1,077	1,256	1,227	1,193
Class PP	168	153	210	189	145
Class I	137	155	178	191	188
Class II	163	140	162	179	198
Class III	178	153	169	155	182
Class IV	174	183	174	180	170
Class V	161	159	195	147	168
Class VI	152	134	168	186	142
Female					
Total	1,141	1,126	1,357	1,353	1,280
Class PP	163	161	182	213	136
Class I	159	165	192	176	212
Class II	145	159	189	198	170
Class III	178	139	205	194	195
Class IV	173	179	193	207	201
Class V	154	180	197	175	191
Class VI	169	143	199	190	175
Secondary level					
Total	1,692	1,723	1,692	1,783	1,812
Class VII	335	379	351	399	388
Class VIII	343	306	334	320	346
Class IX	287	317	320	335	331
Class X	300	277	279	278	307
Class XI	220	157	162	180	203
Class XII	207	287	246	271	237
Male					
Total	858	844	846	884	894
Class VII	166	173	167	179	193
Class VIII	158	153	156	157	156
Class IX	143	154	169	156	159
Class X	144	137	135	145	143
Class XI	115	84	89	91	116
Class XII	132	143	130	156	127
Female					
Total	834	879	846	899	918
Class VII	169	206	184	220	195
Class VIII	185	153	178	163	190
Class IX	144	163	151	179	172
Class X	156	140	144	133	164
Class XI	105	73	73	89	87
Class XII	75	144	116	115	110

Source: Dzongkhag Education Section, Bumthang Dzongkhag.

Table 29. Student by Age-Group, Sex and by Level, Bumthang, (2008-2012)

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total	2,274	2,186	2,615	2,606	2,473
Age < 6 years	32	46	36	59	64
Age 6-12 years	1,842	1,863	2,176	2,200	2,097
Age 13 & above	400	277	403	347	312
Male	1,124	1,071	1,257	1,242	1,214
Age < 6 years	18	14	21	32	31
Age 6-12 years	914	918	1,045	1,034	1,020
Age 13 & above	192	139	191	176	163
Female	1,150	1,115	1,358	1,364	1,259
Age < 6 years	14	32	15	27	33
Age 6-12 years	928	945	1,131	1,166	1,077
Age 13 & above	208	138	212	171	149
Student in LSS level (Class VII-VIII)					
Total	678	702	683	728	734
Age < 13 years	12	31	24	32	112
Age 13-14 years	303	350	330	312	365
Age 15 & above	363	321	329	384	257
Male	322	343	320	348	348
Age < 13 years	6	15	12	11	57
Age 13-14 years	142	172	158	135	171
Age 15 & above	174	156	150	202	120
Female	356	359	363	380	386
Age < 13 years	6	16	12	21	55
Age 13-14 years	161	178	172	177	194
Age 15 & above	189	165	179	182	137
Students in MSS level (Class IX-X)					
Total	587	594	599	613	860
Age < 15 years	46	16	59	7	41
Age 15-16 years	218	251	220	216	375
Age 17 & above	323	327	320	390	444
Male	283	290	318	301	411
Age < 15 years	40	9	27	4	21
Age 15-16 years	105	130	124	102	175
Age 17 & above	138	151	167	195	215
Female	304	304	281	312	449
Age < 15 years	6	7	32	3	20
Age 15-16 years	113	121	96	114	200

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Age 17 & above	185	176	153	195	229
Students in HSS level (Class XI-XII)					
Total	427	444	408	451	218
Age < 17 years	4	4	31	3	25
Age 17-18 years	203	135	84	83	120
Age 19 & above	220	305	293	365	73
Male	248	227	219	248	128
Age < 17 years	3	2	18	1	12
Age 17-18 years	112	73	44	47	71
Age 19 & above	133	152	157	200	45
Female	179	217	189	203	90
Age < 17 years	1	2	13	2	13
Age 17-18 years	91	62	40	36	49
Age 19 & above	87	153	136	165	28

Source: Dzongkhag Education Section, Bumthang Dzongkhag.

Table 30. Literacy Among Young Women, Bumthang, (2010)

Literacy Among Young Women	2010
Percentage literate	76.0
Percentage not known	0.0
Number of women age 15-24 years	109

Source: BMIS, 2010

Table 31. School Readiness, Bumthang, (2010)

Percentage of children attending first grade of primary school who attended pre-school the previous year.

School Readiness	2010
Percentage of children attending first grade who attended preschool in previous year	0.0
Number of children attending first grade of primary school	50

Source: BMIS, 2010

Table 32. Primary School Entry, Bumthang, (2010)

Percentage of Children of Primary School Entry Age Entering Grade 1 (net intake rate)	2010
Primary School Entry	124
Percentage of children of primary school entry age entering grade 1	75.5
Number of children of primary school entry age	33

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Bumthang, (2010)

Details	2010
Percent attending grade 1 last year who are in grade 2 this year	100.0
Percent attending grade 2 last year who are attending grade 3 this year	100.0
Percent attending grade 3 last year who are attending grade 4 this year	97.3
Percent attending grade 4 last year who are attending grade 5 this year	99.4
Percent attending grade 5 last year who are attending grade 6 this year	99.5
Percent who reach grade 6 of those who enter grade 0	96.3

Source: BMIS, 2010

Table 34. Education Gender Parity, Bumthang, (2010)

Education Gender Parity	2010
Primary school adjusted net attendance ratio (NAR), girls	98.4
Primary school adjusted net attendance ratio (NAR), boys	96.7
Gender parity index (GPI) for primary school adjusted NAR	1.02
Secondary school adjusted net attendance ratio (NAR), girls	69.5
Secondary school adjusted net attendance ratio (NAR), boys	60.8
Gender parity index (GPI) for secondary school adjusted NAR	1.14

Source: BMIS, 2010

Table 35. Summary of Crime Reports by Nature of Crime, Bumthang, (2009 ~ 2011)

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy	2	5	0
Homicide	1	1	0
Assault, battery and related offences	34	18	16
Kidnapping and related offences	0	0	0
Sexual offence	0	0	2
Offence against infant, child, mentally disabled and incompetent person	0	0	0
Arson and related offences	1	1	1
Burglary, trespass and related offences	3	19	18
Larceny, robbery, armed robbery and related offences	10	5	6
Money laundering and smuggling	0	0	0
Embezzlement and bribery	0	0	0
Forgery and related offences	1	0	0
Defamation and related offences	0	0	1
Treason, terrorism and related offences	0	0	0
Offences against cultural and national heritage	8	5	0
Offences against judicial authority	0	0	0
Prostitution and related offences	124	0	0
Offences against the public welfare	10	5	3
Offences related to public and civic duties	1	1	0
Offences related to public order and tranquillity	0	1	0
Offences against privacy	0	0	0
Computer offences	0	0	0
Offences related to firearms and weapons	1	0	0
Offences related to protected species, controlled and other harmful substances	1	6	1
Motor vehicle offences	5	1	0
Others	6	4	4
Total crimes	84	72	52

Source: Royal Bhutan Police, Jakar, Bumthang Dzongkhag.

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Table 36. Monthly Motor Vehicle Accidents, Bumthang, (2009~ 2011)

Month	(Incident)		
	2009	2010	2011
January	5	3	9
February	7	8	9
March	11	4	4
April	7	2	3
May	5	8	7
June	6	4	5
July	4	6	4
August	10	4	2
September	9	4	5
October	7	11	4
November	9	7	0
December	4	11	0
Total	84	72	52

Source: Royal Bhutan Police, Jakar, Bumthang Dzongkhag.

Table 37. Causes of Motor Vehicle Accidents, Bumthang, (2009~2011)

Details	(Incident)		
	2009	2010	2011
Mechanical fault	0	0	0
Drunk driving	0	0	0
Bad weather	1	1	0
Without licence	1	0	0
Unknown causes	0	0	0
Other causes	3	0	0
All causes	5	1	0

Source: Royal Bhutan Police, Jakar, Bumthang Dzongkhag.

Table 38. Attitudes Toward Domestic Violence, Bumthang, (2010)

Details	2010
Percentage of women age 15-49 years who believe a husband is justified in beating his wife/partner	
If goes out without telling him	60.1
If she neglects the children	76.6
If she argues with him	58.5
If she refuses sex with him	25.7
If she burns the food	42.3
For any of these reasons	86.8
Number of women age 15-49 years	337.0

Source: BMIS, 2010

Table 39. Land Area and Damages Caused by Types, Bumthang, (2007 ~ 2011)

Details	2007	2008	2010	2011
Dzongkhag area (Sq. Km)	2,708.46	2,708.46	2,708.46	2,667.76
Total cultivated land (Acres) ¹	14,485.75	14,485.75	14,485.75	13,926.91
Damages caused by landslides ²				
Farmland (acres)	0	0	0	0
Houses (Number)	0	0	1	0
Roads (Km)	0	0	0	0
Damages caused by floods ²				
Farmland (acres)	0	0	0	0
Houses (Number)	0	0	0	0
Roads (Km)	0	0	0	0
Crops affected by drought (acres)	0	0	0	0
Crops damaged by wild animals (acres)	0	0	0	0
Incidence of earthquake (Number of cases reported) ²	0	1	1	0
Houses damaged by earthquakes (Number)	0	1	0	0
Number of forest fires ³	2	0	0	1
Acreege destroyed by forest fires	12.00	0	0	33.60
Acreege of reforestation ³	0	0	0	0
Houses/structures damaged by fires (Number) ³	124	0	58	0

Source: ¹Agricuture Section, ²Environment Section, ³ Forest Section, Bumthang Dzongkhag

Table 40. Average Monthly Temperature (Degree Centigrade), Bumthang, (2010 & 2011)

Month/ Temperature	2010		2011	
	(Degree Celsius)		(Degree Celsius)	
	Maximum	Minimum	Maximum	Minimum
January	14	-6	10	-5
February	13	-2	14	-2
March	17	3	16	1
April	19	7	18	4
May	20	10	21	9
June	22	13	22	12
July	23	14	22	14
August	23	14	24	13
September	22	12	23	12
October	19	10	20	7
November	15	4	15	0
December	14	-5	12	-3
Annual	18	6	18	5

Source: SYB, NSB

Table 41. Average Monthly Rainfall, Bumthang, (2010 & 2011)

Month/ Monthly Rainfall	2010		2011	
	Station		Station	
	Chamkhar	Gaytso	Chamkhar	Gaytso
January	0	0	2	0
February	2	3	20	17
March	52	54	21	20
April	103	50	41	34
May	111	95	84	67
June	141	123	114	123
July	210	239	140	159
August	84	106	165	180
September	88	103	75	99
October	50	47	10	15
November	0	0	9	9
December	0	0	1	0
Annual	841	818	680	723

Source: SYB, NSB

Table 42. Percentage of Forest Coverage, Number of Protected Spring and Lakes, Bumthang, (2010)

Details	2010
Forest coverage (%) ²	52.06
Number of snow fall at Dzongkhag headquarter	1
Number of Protected spring water sources ¹	30
Number of Lakes ¹	27

Source: ¹Dzongkhag Forest Section, Bumthang Dzongkhag.

Table 43. Disposal of Childs Faeces, Bumthang, (2010)

Percent distribution of children age 0-2 years according to place of disposal of child's faeces, and the percentage of children age 0-2 years whose stools

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	10.5
Put / Rinsed into toilet or latrine	29.5
Put / Rinsed into drain or ditch	52.7
Thrown into garbage (solid waste)	5.8
Buried	124.0
Left in the open	1.0
Other	0.5
Total	100.0
Percentage of children whose stools were disposed of safely	40.0
Number of children age 0-2 years	106

Source: BMIS 2010

Table 44. Parliamentary and Local Government Representatives, Bumthang, (2008 & 2011)

Details	2008	2011
Local governance (Number)		
Parliamentarians	3	0
Male	3	0
Female	0	0
Gups	4	4
Male	4	4
Female	0	0
Total gewog tshogpas ¹	43	19
Male	n.a	19
Female	n.a	0
Total Mangmis ¹	4	4
Male	4	3
Female	0	1
DT members ²	9	9
Male	9	8
Female	0	1
GT members ¹	51	28
Male	n.a	n.a
Female	n.a	n.a
Polling stations ²	19	21
Eligible voters (18 years and above) ²	6,954	7,835
Male	n.a	3,643
Female	n.a	4,192
% of Voters turnout during election	n.a	54%
Male	n.a	1,771
Female	n.a	2,452
Total election staff in Dzongkhag	4	4
Male	2	2
Female	2	2

Source: ¹Gewog Administration, ²Election Section, Bumthang Dzongkhag.

Table 45. Parliamentary and Local Government Election Expenditures, Bumthang, (2008 & 2011)

Details	Amount (Nu)
2008	
Parliamentarians (Number)	
National council	200,000
National assembly	400,000
2011	
Local government	
Gup	n.a
Mangmi	n.a
Tsogpa	n.a

Source: Dzongkhag Election Section, Bumthang Dzongkhag.

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Table 46. Royal Government Finances Expenditures at Dzongkhag Level, Bumthang, (2008~2012)

Details	FY 2008-2009		FY 2009-2010		FY 2010-2011		FY 2011-2012		Total Expenditure 2008-2012	
	Current	Capital	Current	Capital	Current	Capital	Current	Capital	Current	Capital
Sectors										
Adm & Management	1.168	11.466	0	16.227	19.444	8.686	29.983	14.762	50.595	51.141
Agriculture	0.227	2.039	0	2.507	3.742	3.561	4.738	1.887	8.707	9.994
Livestock	0.549	0.730	0	2.270	5.647	3.366	5.655	1.677	11.851	8.043
Forestry	0.293	1.365	0	0.579	2.505	0.591	2.312	0.436	5.110	2.971
Education	11.016	13.735	0	21.034	5.255	34.521	97.513	43.608	113.784	112.898
Health	1.238	3.957	0	10.524	4.978	10.246	19.752	9.825	25.968	34.552
Works & Human Settlement	0	4.379	0	19.687	0	30.867	10.515	5.153	10.515	60.086
Religion & Culture	0.592	7.212	0	10.466	0	16.979	1.855	26.312	2.447	60.969
Total	15.083	44.883	0	83.294	41.571	108.817	172.323	103.660	228.977	340.654

Source: Dzongkhag Planning Section & Dzongkhag Finance Section, Bumthang Dzongkhag.

Table 47. Dzongkhag 10th Five Year Plan Outlays, Bumthang.

(in million Nu.)

Sectors	Tenth Five Year Plan	
	Current	Capital
Adm & Management	0	37.199
Agriculture	0	12.475
Livestock	0	17.040
Forestry	0	2.769
Education	0	0
Health	0	19.725
Works & Human Settlement	0	49.750
Religion & Culture	0	0
Total plan outlay	0	138.958

Source: Bumthang Dzongkhag Tenth Plan Document, GNH, Thimphu.

Table 48. Dzongkhag 10th Five Year Plan Expenditures (2008-2012), Bumthang.

(in million Nu.)

Sectors	Tenth Five Year Plan	
	Current	Capital
Adm & Management	50.595	51.141
Agriculture	8.707	9.994
Livestock	11.851	8.043
Forestry	5.110	2.971
Education	113.784	112.898
Health	25.968	34.552
Works & Human Settlement	10.515	60.086
Religion & Culture	2.447	60.969
Total plan expenditure	228.977	340.654

Note : For three years 10 FYP Expenditures.

Source: Dzongkhag Planning Section & Dzongkhag Finance Section, Bumthang Dzongkhag.

Table 49. Gewog 10th Five Year Plan Outlays, Bumthang.

(in million Nu.)

Sectors	Tenth Five Year Plan	
	Current	Capital
Adm & Management	0	15.365
Agriculture	0	42.045
Livestock	0	4.288
Forestry	0	5.305
Education	0	0
Health	0	8.250
Works & Human Settlement	0	9.755
Religion & Culture	0	0
Total plan Outlays	0	85.008

Source: Bumthang Dzongkhag Tenth Plan Document, GNH, Thimphu.

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Table 50. Gewog 10th Five Year Plan by Expenditures , Bumthang(2008-2012)
(in million Nu.)

Sectors	Tenth Five Year Plan	
	Current	Capital
Adm & Management	6.486	21.751
Agriculture	0.213	44.299
Livestock	0.270	1.951
Forestry	0.171	3.982
Education		4.562
Health		9.702
Works & Human Settlement		8.170
Religion & Culture		11.632
Total	7.140	106.049

Note : For three years 10 FYP Expenditures.

Source: Dzongkhag Planning Section & Dzongkhag Finance Section, Bumthang Dzongkhag.

Table 51. Employed Persons by Age, Sex and Area of Residence, Bumthang, (2008 ~ 2012)

Details	(Number)				
	2008	2009	2010	2011	2012
Total	n.a	n.a	3,000	3,700	7,478
Male	n.a	n.a	2,300	4,300	3,311
Female	n.a	n.a	5,300	8,000	4,167
Rural Total	n.a	n.a	2,600	2,300	5,118
Male	n.a	n.a	2,000	2,600	2,089
Female	n.a	n.a	4,600	4,900	3,029
Urban Total	n.a	n.a	400	1,400	2,360
Male	n.a	n.a	300	1,700	1,222
Female	n.a	n.a	700	3,100	1,138

Source: Labour Force Survey, MoLHR

Table 52. Employment by Industries, Age Group and Sex, Bumthang, (2009 ~ 2012)

Details	2009	2010	2011	2012
Total labour force (Number)	n.a	5300.0	8100.0	7,498
Total employed (%)	n.a	100.0	97.5	n.a
Male	n.a	100.0	97.3	n.a
Female	n.a	100.0	97.7	n.a
Unemployment rate	n.a	0.0	2.5	0.3
Total employed in Agriculture (%)	n.a	64.2	75.9	n.a
Male	n.a	35.8	31.6	n.a
Female	n.a	28.3	44.3	n.a
Total employed in Industries (%)	n.a	13.2	12.7	n.a
Male	n.a	7.5	6.3	n.a
Female	n.a	5.7	6.3	n.a
Total employed in Services (%)	n.a	24.5	11.4	n.a
Male	n.a	13.2	8.9	n.a
Female	n.a	11.3	2.5	n.a
Total unemployed by area (%)	n.a	n.a	n.a	n.a
Urban	n.a	n.a	n.a	n.a
Rural	n.a	n.a	n.a	n.a
Total un-employed by education (%)	n.a	n.a	n.a	n.a
Total unemployed grade XII and above	n.a	n.a	n.a	n.a
Total unemployed below grade XII	n.a	n.a	n.a	n.a
Total under employed (%)	n.a	n.a	n.a	n.a
Employed by age-group (%)	n.a	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a	n.a
Unemployed by age-group (%)	n.a	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a	n.a
Labor force participation rate (%)	64.3	57.6	79.4	69.0
Male participation rate	65.9	65.2	78.7	66.7
Female participation rate	62.9	47.9	81.5	70.9

Source: Labour Force Survey, MoLHR

Table 53. Child Labour, Bumthang, (2010)
 Percentage of Children by Involvement in Economic Activity and Household Chores During the Past Week, According to Age Groups, and Percentage of Children Age 5-14 Involved in Child Labour

	2010
Child labour	
Percentage of children age 5-11 involved in	
Economic activity	
Working outside household	
Paid work	0.1
Unpaid work	0.2
Working for family business	36.7
Economic activity for at least one hour	36.9
Household chores less than 28 hours	32.2
Household chores for 28 hours or more	0.2
Child labour	37.1
Number of children age 5-11	242
Percentage of children age 12-14 involved in	
Economic activity	
Working outside household	
Paid work	0.6
Unpaid work	2.9
Working for family business	43.3
Economic activity less than 14 hours	42.0
Economic activity for 14 hours or more	1.3
Household chores less than 28 hours	61.0
Household chores for 28 hours or more	0.0
Child labour	1.3
Number of children age 12-14	101
Total child labour [1]	26.6
Number of children age 5-14 years	343

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Bumthang, (2010)
 Percentage of children age 5-14 years involved in child labour who are attending school, and percentage of children age 5-14 years attending school who are involved in child labour

Child Labour and School Attendance	2010
Percentage of children involved in child labour	26.6
Percentage of children attending school	92.9
Number of children age 5-14 years	343
Percentage of child labourers who are attending school	98.2
Number of children age 5-14 years involved in child labour	91
Percentage of children attending school who are involved in child labour	28.1
Number of children age 5-14 years attending school	319

Source: BMIS, 2010

Table 55. Agriculture Production and Average Prices by Commodities, Bumthang, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Paddy					
Area (Acres)	24	27	151	164	145
Production (MT)	55	50	285	262	180
Price per Kg(Nu.)	60	60	60	60	100
Maize					
Area (Acres)	5	3	9	4	2
Production (MT)	4	1	11	4	1
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Wheat					
Area (Acres)	642	560	883	660	355
Production (MT)	230	915	358	641	370
Price per Kg(Nu.)	15	15	30	30	50
Barley					
Area (Acres)	419	501	523	508	434
Production (MT)	184	367	440	466	340
Price per Kg(Nu.)	25	25	25	35	50
Buckwheat					
Area (Acres)	124	836	1,253	829	899
Production (MT)	257	86,544	542	706	804
Price per Kg(Nu.)	25	25	25	40	75
Millet					
Area (Acres)	n.a	n.a	n.a	n.a	n.a
Production (MT)	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Fruits					
Apples					
Number of fruit bearing trees	7,071	3,881	9,020	5,898	4,801
Production (Kg)	172,336	84,606	2,073,754	136,688	261
Price per Kg(Nu.)	50	50	50	50	50

Onion									
Production (kg)	3,000	2,000	4,000	302	497				
Production (Nu.)	105,000	80,000	160,000	12,080	27,335				
Price per Kg(Nu.)	35	40	40	40	55				
Cabbage									
Production (kg)	25,444	6,453	77,348	52,948	48,238				
Production (Nu.)	508,880	129,060	1,546,960	1,058,960	964,760				
Price per Kg(Nu.)	20	20	20	20	20				
Cauliflower									
Production (kg)	n.a	n.a	45,500	19,175	11,648				
Production (Nu.)	n.a	n.a	2,275,000	958,750	698,880				
Price per Kg(Nu.)	n.a	n.a	50	50	60				
Asparagus									
Production (Bundles)	n.a	n.a	2,150	2,855	652				
Production (Nu.)	n.a	n.a	161,250	214,125	48,900				
Price per bundle (Nu.)	n.a	n.a	75	75	75				
Tomato									
Production (Kg)	n.a	n.a	n.a	n.a	1,894				
Production (Nu.)	n.a	n.a	n.a	n.a	94,700				
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	50				
Carrot									
Production (Kg)	n.a	1,551	25,105	13,820	21,273				
Production (Nu.)	n.a	69,795	1,129,725	621,900	1,063,650				
Price per Kg(Nu.)	n.a	45	45	45	50				
Egg Plant (Brinjal)									
Production (Kg)	n.a	n.a	n.a	n.a	525				
Production (Nu.)	n.a	n.a	n.a	n.a	26,250				
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	50				
Raddish									
Production (Kg)	n.a	n.a	115,510	149,514	120,633				
Production (Nu.)	n.a	n.a	1,732,650	2,242,710	2,412,660				
Price per Kg(Nu.)	n.a	n.a	15	15	20				

Ginger								
Production (Kg)	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Production (Nu.)	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Price per Kg(Nu.)	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Cardamom								
Production (Kg)	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Production (Nu.)	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Price per Kg(Nu.)	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Garlic								
Production (Kg)	2,259	14,022	9,629	1,024				
Production (Nu.)	259,785	1,682,640	1,155,480	163,840				
Price per Kg(Nu.)	115	120	120	160				
Oil seeds and legumes								
Lentils								
Production (Kg)	n.a	n.a	n.a	n.a				
Production (Nu.)	n.a	n.a	n.a	n.a				
Price per Kg(Nu.)	n.a	n.a	n.a	n.a				
Mustards								
Production (Kg)	137	38,182	11,981	29,706				
Production (Nu.)	n.a	n.a	n.a	2,079,420				
Price per Kg(Nu.)	n.a	n.a	n.a	70				
Beans								
Production (Kg)	n.a	6,525	19,765	14,576				
Production (Nu.)	n.a	228,386	691,775	728,800				
Price per Kg(Nu.)	n.a	35	35	50				

Source: Dzongkhag Agriculture Section, Bumthang Dzongkhag.

Table 56. Agriculture Infrastructures and Other Facilities , Bumthang, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Irrigation for agriculture					
Number of irrigation channels	25	25	25	30	30
Functional	25	25	25	30	30
Non-Functional	0	0	0	0	0
Total length of channels (Km)	39	39	39	58	58
Area covered by irrigation	1,591	1,591	1,591	2,546	3,818
Number of households benefitted	580	580	580	580	598
Number of food processing units	1	1	1	1	3
Number of agriculture mills ¹	32	32	32	34	40
Number of livestock product	4	4	4	4	4
Number of farmer association/groups					
Agriculture	5	5	10	12	12
Livestock	5	5	5	6	9
Forestry	n.a	2	9	9	9
Number of power tillers	32	24	121	125	129

Note: ¹Including two traditional mills

Source: Dzongkhag Agriculture Section, Bumthang Dzongkhag.

Table 57: Livestock Population by Types, Bumthang, (2007~2011)

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle					
Local breed	4,940	5,646	4,003	3,591	3,592
Male	1,726	2,104	1,383	1,229	1,302
Female	3,214	3,542	2,620	2,362	2,290
Improved breed	4,466	4,597	4,607	5,010	4,878
Male	1,523	1,457	1,488	1,497	1,270
Female	2,943	3,140	3,119	3,513	3,608
Mithun	1,422	1,536	681	1,101	1,543
Bufallo	N.A	N.A	N.A	N.A	N.A
Male	N.A	N.A	N.A	N.A	N.A
Female	N.A	N.A	N.A	N.A	N.A
Horse	1,388	1,469	886	1,014	983
Local breed	1,188	1,376	771	927	903
Improved breed	200	93	115	87	80
Yak	3,481	3,553	3,412	3,360	3,586
Male	1,344	1,616	1,355	1,393	1,565
Female	2,137	1,937	2,057	1,967	2,021
Sheep	608	620	320	339	343
Local breed	276	271	167	151	196
Improved breed	332	349	153	188	147
Pig	n.a	n.a	n.a	n.a	n.a
Local breed	n.a	n.a	n.a	n.a	n.a
Improved breed	n.a	n.a	n.a	n.a	n.a
Poultry	921	804	643	787	1,506
Local breed	357	416	309	595	486
Improved breed	564	388	334	192	1,020
Goat	n.a	n.a	n.a	n.a	n.a

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Dzongkhag Livestock Section, Bumthang Dzongkhag

Table 58: Livestock Productions, Bumthang, (2007~2011)

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	1,099,587	1,272,995	1,290,862	1,474,113	1,369,587
Price per liter (Nu.)	17	20	20	25	30
Butter (Kg)	46,105	46,072	50,341	62,214	66,414
Price per Kg (Nu.)	210	225	230	240	250
Fresh Cheese (Kg)	42,652	46,573	78,092	48,598	96,971
Price per Kg (Nu.)	20	25	25	27	30
Processed cheese (kg)	n.a	n.a	n.a	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Eggs (dozen)	5,604	1,557	1,376	907	632
Price per piece (Nu.)	7	9	10	10	10
Fish (Kg)	n.a	n.a	n.a	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Beef (Kg)	13,550	400	n.a	10,575	89,830
Price per Kg (Nu.)	65	75	90	100	120
Pork (Kg)	600	600	n.a	n.a	n.a
Price per Kg (Nu.)	135	135	150	165	175
Yak Meat (Kg)	n.a	n.a	n.a	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Mutton (Kg)	n.a	n.a	n.a	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Honey (Liters)	n.a	n.a	n.a	n.a	n.a
Price per liter (Nu.)	n.a	n.a	n.a	n.a	n.a
Chicken (Kg)	n.a	n.a	n.a	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a

Source: Dzongkhag Livestock Section, Bumthang Dzongkhag

Table 59. Forestry Productions, Bumthang, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Wood Forest Product¹					
Log Form (Cft)	143,147	153,063	287,070	56,470	92,158
Price per Cft(Nu.)	80	80	80	80	80
Fire wood (Cubic metres)	12,174	10,868	15,098	6,743	8,788
Price per Cubic metre(Nu.)	22	22	22	22	22
Flag Poles (Number of trees)	2,988	4,624	7,913	1,700	5,643
Price per tree(Nu.)	6	6	6	6	6
Shinglap (Number of trees)	137	106	383	63	19
Price per tree(Nu.)	40	40	40	40	40
Cham (Number of trees)	14,166	10,781	23,358	6,225	8,343
Price per tree(Nu.)	30	30	30	30	30
Tsim (Number of trees)	8,113	4,629	14,127	4,857	3,159
Price per tree(Nu.)	12	12	12	12	12
Non-Wood Forest Product²					
Mushroom (Kg)	129	199	11	n.a	n.a
Mushroom (Nu.)	2,580	1,868	220	n.a	n.a
Medicinal and Aromatic plants (Kg)	n.a	n.a	n.a	n.a	50
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	10
Cordyceps (Kg)	17	114	62	n.a	n.a
Price per Kg(Nu.)	181,495	790,923	416,995	n.a	n.a
Sand (Truck load)	179	125	699	769	543
Price per cft(Nu.)	40	40	40	40	40
Stones (Truck load)	1,770	1,014	1,094	1,201	2,860
Price per cft(Nu.)	40	40	40	40	40
Bamboo (Number)	36,406	13,200	23,120	96,070	53,690
Price per piece (Nu.)	1	1	1	1	1
Cane (Piece)	n.a	n.a	n.a	n.a	n.a
Price per piece (Nu.)	n.a	n.a	n.a	n.a	n.a

Lemon grass (liter)	124	n.a	n.a	n.a	n.a
Price per liter (Nu.)	n.a	n.a	n.a	n.a	n.a
Mining Sites (Number)	N.A	N.A	N.A	N.A	N.A
Quarry Sites	1	1	1	1	1
Municipal Waste Disposal Sites	1	1	1	1	1
Environmental Clearance Issued	n.a	n.a	n.a	n.a	n.a

Note: Cordyceps amount collected only for auction royalty charges.

Source: ¹Divisional Forest Office, Bathpalathang, ²Thromsingla National Park, Bumthang.

Table 60. Electricity Generating Stations and Capacities, Bumthang, (2009 ~ 2011)

Stations	2009		2010		2011				
	Installed capacity (no.x MW)	Generating capacity (MW)	Installed capacity (no.x MW)	Generating capacity (MW)	Installed capacity (no.x MW)	Generating capacity (MW)			
1. Micro Hydel, Chumey	3x0.5	1.4000	1.3000	3x0.5	1.1400	1.3000	3x0.5	0.8900	0.8900
2. Micro Hydel, Tamshing	1x0.03	0.0270	0.0270	1x0.03	0.0270	0.0270	1x0.03	0.0250	0.0250
3. Micro Hydel, Ura	1x0.05	0.0450	0.0450	1x0.05	0.0450	0.0450	1x0.05	0.0400	0.0400
Diesel generation stations									
1. Micro Hydel, Chumey	3x0.25	0.7200	0.7200	3x0.25	0.7200	0.3000	3x0.25	0.2400	0.2400
Other diesel stations									
List the name	0	0	0	0	0	0	0	0	0

Source : Bhutan Power Corporation Ltd., Chamkhar, Bumthang Dzongkhag.

Table 61. Number of Households by Area, Bumthang, (2009 ~ 2011)

Details	2009	2010	2011
Total number of household in Urban	740	740	740
Total number of household in Rural	2,130	2,130	2,130

Sorce: BMIS, 2010

Table 62. Number of Building Permits issued by Towns, Bumthang, (2009 ~ 2012)

new buildings	2009	2010	2011	2012
Town name (1) Chamkhar town	n.a	n.a	11	8

Note : Approximately figure for new buildings¹ permit issued.

Sorce: Dzongkhag Municipal, Bumthang Dzongkhag

Table 63. Number of Establishment by Type and Size, Bumthang, (2009 ~ 2011)

Details	2009	2010	2011
Industries by type (Number)	46	55	68
Agro based	10	10	12
Forestry based	30	37	49
Mineral based	2	2	2
Others	4	6	5
Industries by scale (Number)	46	55	68
Large	0	0	0
Medium	0	0	0
Small	8	10	12
Cottage	38	45	56
Contract firms (Number)	59	77	85
Large	2	1	1
Medium	1	2	2
Small	56	74	82

Source : Regional Trade and Industry Office (RTIO), Trongsa.

Table 64. Number of Wholesale, Retail Trade and Industrial Licenses Issued, Bumthang, (2007 ~ 2011)

Details	(Number)					
	2007	2008	2009	2010	2011	
Trade and Industries	642	717	781	845	955	
Micro & retail trade licences issued	271	325	360	418	458	
Micro & retail trade licences in operation	271	325	360	418	458	
Wholesale trade licences issued	4	3	4	3	3	
Wholesale trade licences in operation	4	3	4	3	3	
Services licences issued	331	351	371	369	426	
Services licences in operation	331	351	371	369	426	
Manufacturing licences issued	36	38	46	55	68	
Manufacturing licenses in operation	36	38	46	55	68	

Source : Regional Trade and Industry Office (RTIO), Trongsa.

Table 65. Number of Public Transport and Facilities, Bumthang, (2007 ~ 2011)

Details	(Number)				
	2007	2008	2009	2010	2011
Public Service Transport					
Bus	1	1	1	1	1
Taxi	21	32	40	43	51
Motor vehicle registration					
Heavy	218	230	212	120	145
Medium	260	13	712	546	676
Small	13	20	29	33	43
Two wheeler	15	19	26	41	62
Auto Mobile workshop ³	2	2	2	3	3
Bus stations	1	1	1	1	1

Source : Regional Road Safety Transport Authority Office(RSTA), Bumthang

Table 66: Number of Roads and Bridges, Bumthang, (2007~2011)

Details	(Number)				
	2007	2008	2009	2010	2011
Roads (Length in Km)					
Farm roads ¹	45.43	45.43	79.67	97.67	105.63
Feeder roads ²	62.80	62.80	62.80	62.80	62.80
Forest roads ¹	37.40	37.40	37.40	37.40	37.40
Highways/Dzongkhag roads	124.00	124.00	124.00	124.00	124.00
Bridges (Number)					
Suspension bridge ¹	11	11	12	12	12
Suspended ¹	5	5	5	5	5
Bailey bridges ²	2	2	2	2	2
Traditional bridges ¹	1	1	1	4	5

Source: ¹Dzongkhag Engineering Section, ²Department of Roads, Bumthang.

Table 67. Telecommunications, Bumthang, (2007 ~ 2012)

Telecommunications	(Number)					
	2007	2008	2009	2010	2011	2012
Households with fixed telephone connections	n.a	n.a	359	948	948	948
Tashi cell users	n.a	n.a	n.a	n.a	n.a	n.a
B.mobile users	n.a	n.a	n.a	n.a	n.a	n.a
Community information centres	n.a	n.a	1	1	1	4
Gewogs accessible to mobile services	n.a	n.a	4	4	4	4
Households with internet access	n.a	n.a	n.a	n.a	n.a	n.a
Bhutan post office	1	1	1	1	1	1

Source: Gewog Administration Office, Bumthang Dzongkhag.

Table 68. Number of Establishment in Banking and Finance, Bumthang, (2009 ~ 2012)

Number of establishments	(number)			
	2009	2010	2011	2012
RICBL	1	1	1	1
BIL	1	1	1	1
BDBL	1	1	1	1
BNBL	1	1	1	1
DPNBL	0	0	0	0
T-Bank	0	0	0	0
BOBL	1	1	1	1
ATM Machine	2	2	2	2

Source: Financial Institutions, Bumthang Dzongkhag.

Table 69. Number of account holders in Banks, Bumthang, (2010 ~ 2011)

Number of facilities	Number of account holders (2010)				Number of account holders (2011)					
	Loan	savings	current	fixed deposit	recurring deposit	Loan	savings	current	fixed deposit	recurring deposit
RICBL	38	0	0	0	0	9	0	0	0	0
BIL	0	0	0	0	0	5	0	0	0	0
BDBL	855	747	1	62	27	1,149	434	1	32	39
ENBL	191	1,129	29	95	1	275	1,825	42	252	30
DNBL	0	0	0	0	0	0	0	0	0	0
T-Bank	0	0	0	0	0	0	0	0	0	0
BOBL	998	4,392	256	304	501	995	4,513	257	400	448

Source: Financial Institutions, Bumthang Dzongkhag.

Table 70. Number of Administrative Units, Bumthang, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Drungkhags	0	0	0	0	0	0
Gewogs	4	4	4	4	4	4
Chiwogs	43	43	43	43	20	20
Villages	105	105	105	105	95	96
Households	1,462	1,462	1,462	1,462	1,391	1,544
Towns	1	1	1	1	1	1
Number of Police stations	1	1	1	1	1	1

Source: Dzongkhag Administration, Bumthang Dzongkhag

Table 71. Recreation, Tourist Visitors and Accommodation, Bumthang, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Number of children park	0	0	0	0	0	1
Number of hotels	n.a	n.a	41	42	50	52
Number of restaurants	n.a	n.a	73	77	99	109
Number of drayangs	1	1	2	2	2	2
Number of discotheques	0	0	0	0	0	0
Number of foreign tourist visi	9,950	11,550	15,000	14,850	21,000	35,550

Source: Regional Trade & Industry Office (RTIO), Trongsa
Bumthang Hotel Association C/O River View Hotel, Chamkhar, Bumthang.



**Annual Dzongkhag Statistics
2012**



**Dzongkhag Administration
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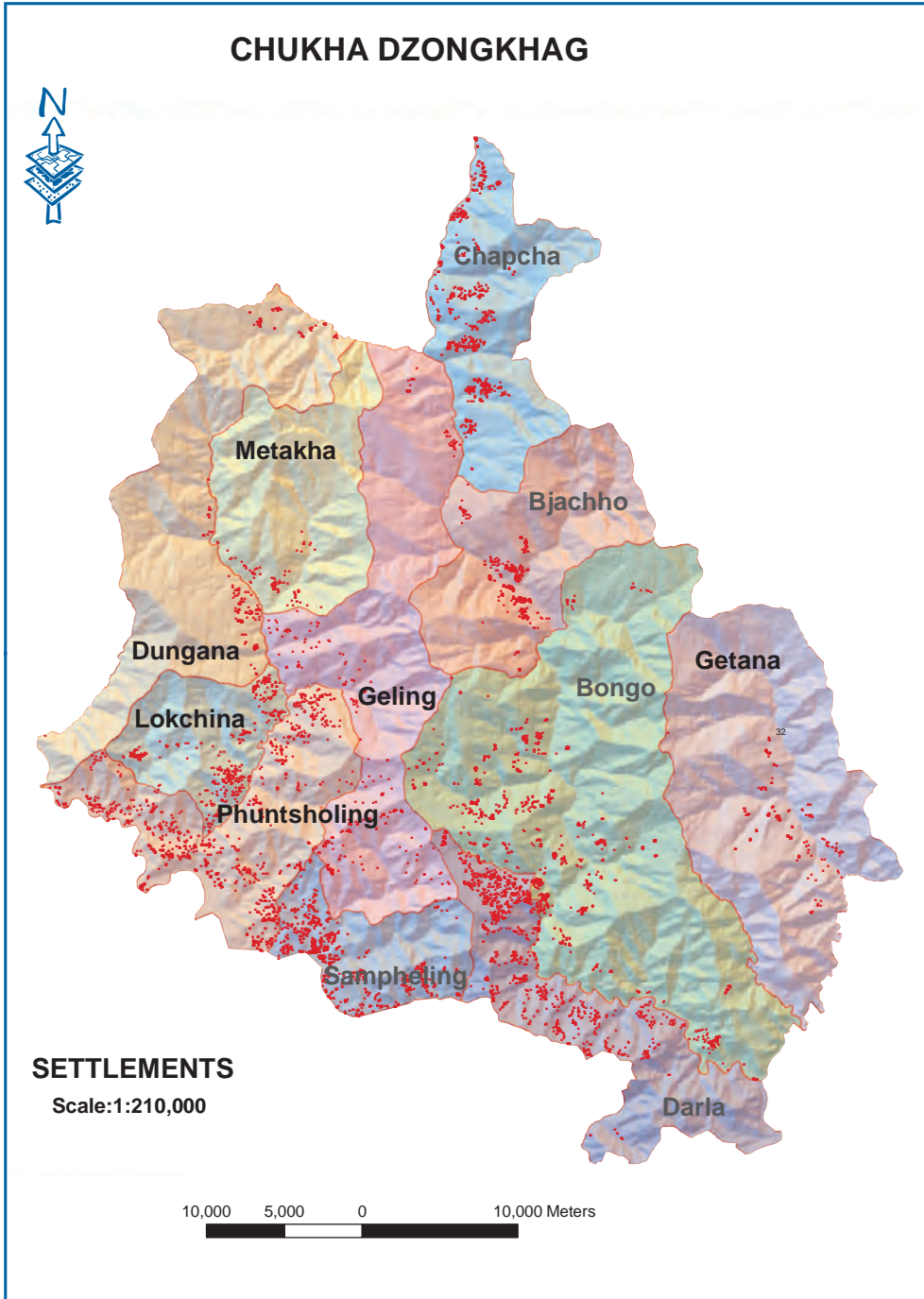
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Preface

The Annual Dzongkhag Statistics of Chhukha is the third in the series of publications. It attempts to provide comprehensive statistics of Chhukha Dzongkhag and will be published annually.

The report contains statistics on demographic and socio-economic, environment, culture, local governance and infrastructures of the Dzongkhag. The statistical data for this publication are collected and compiled from various sectors and through primary sources.

We hope that this report will serve as a source of information and guiding tool for micro-level planning and decision-making in the Dzongkhag. Statistics office, Chhukha would like to thank and acknowledge the support and corporation of all sector heads concerned for providing timely information for this report. Without their support, this publication would not have been possible. Through this initiative, we also hope that the maintenance of sectoral information and updation in the Dzongkhag will become more systematic and efficient henceforth.

Since this report is the third publication and with information source being from numerous sectors, we expect there may be certain deficiencies in terms of coverage and updation. However, there will be continuous efforts made to improve its coverage and quality in our future publications. Your comments and suggestions in this regard will be highly appreciated.

**Dzongkhag Statistics Unit
Chhukha**

Background

Chukha Dzongkhag was established in April 1987, coinciding with the beginning of the sixth plan. The Dzongkhag has one Drungkhag and 11 geogs Viz Sampheling, Bongo, Bjabchho, Chapchha, Darla, Dungna, Getena, Geling, Lokchina, Metakha and Phuentsholing.

Chukha is the main entry points for import and commercial hub of the country. Major hydro power plants, which are key source of national income, are also located in Chukha dzongkhag. This comparative advantage can foster rapid economic growth of the Dzongkhag

Chukha dzongkhag covers an area of about 1,802 sq.kilometers with elevations ranging from 200 to 3500m above sea level. Overall arable land forms only around 4.63% percent of the total area of the Dzongkhag with average landholding of 5.6 acres per household (Source gewog extension).

Majority of the people depend on livestock and subsistence agricultural farming. Mandarin, potatoes and cardamom are the principal cash crops in the Dzongkhag. Despite favorable climatic conditions, farm productivity is low due to terrain conditions and lack of adequate farm infrastructure in particular farm roads.

The dzongkhag has 43 schools including two private schools in Phuntsholing. Three hospitals and Nine BHUs render public health services in the dzongkhag. With 199 drinking water supply schemes, over 62 percent of the populations have access to piped drinking water supply.

Phuentsholing, Darla, Sampheling, Chapchha, Bongo and Bjabchho geogs have fairly good road network, electricity, water supply, health and education coverage with high income levels and good living conditions. Getena, Dungna, Metakha, Lokchina and Geling geogs on the other hand are very remote and relatively poor.

However motorable roads are under construction in those gewogs and soon the considerable problem in delivering developmental services to the people in these geogs will be overcome.

Abbreviations

%: Percent
< : Less than
> : Greater than
AIDS: Acquired Immune Deficiency Syndrome
Avg: Average
BHU: Basic Health Unit
BLSS: Bhutan Living Standard Survey
Cft: Cubic Feet
CPS: Community Primary school
DPTH: Diphtheria Parthusis Tetanus Hepatitis B
DYT: Dzongkhag Yargye Tsogdue
FYP: Five Year Plan
GDP: Gross Domestic Product
GIS: (Infrastructure mapping): Geographical Infrastructure System
Gm: Gram
GYT: Gewog Yargye Tshogchung
HIV: Human Immune Virus
Hr: Hour

HSS: Higher Secondary School
Inst: Institute
Kg: Kilogram
LFS: Labor Force Survey
LSS: Lower Secondary School
Max: Maximum
Min: Minimum
MSS: Middle Secondary School
n.a: Not Available
N.A: Not Applicable
NFE: Non Formal Education
Nu: Ngultrum
ORC: Outreach Clinic
PAR: Poverty Analysis Report
PHCB: Population and Housing Census of Bhutan
PP: Pre Primary
PS: Primary School
Pvt: Private
Qty: Quantity
Sq. Km: Square Kilometer
SYB: Statistical Yearbook
TV: Television

Table 1. Population by Age-Group and Sex, Chhukha, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	74,387	75,749	77,132	78,529	79,944	81,364	82,784	84,206
0-4	6,960	7,978	8,504	9,027	9,544	10,052	10,010	9,951
5-9	7,811	7,845	7,659	7,503	7,375	7,274	7,803	8,333
10-14	7,961	8,453	8,342	8,210	8,072	7,934	7,734	7,566
15-19	7,881	8,321	8,370	8,407	8,421	8,401	8,343	8,251
20-24	9,994	7,840	7,922	7,994	8,061	8,127	8,194	8,258
25-29	8,701	7,039	7,199	7,344	7,476	7,598	7,708	7,804
30-34	6,095	5,864	6,078	6,301	6,520	6,724	6,911	7,083
35-39	5,437	4,900	5,045	5,193	5,355	5,538	5,743	5,965
40-44	3,859	3,974	4,129	4,293	4,459	4,622	4,778	4,930
45-49	3,104	3,269	3,364	3,464	3,577	3,705	3,849	4,009
50-54	2,176	2,695	2,773	2,857	2,944	3,036	3,129	3,228
55-59	1,423	2,209	2,264	2,324	2,388	2,458	2,533	2,614
60-64	1,030	1,782	1,822	1,866	1,912	1,962	2,016	2,073
65+	1,955	3,580	3,661	3,746	3,838	3,933	4,033	4,141
Male	42,298	43,073	43,852	44,632	45,417	46,202	46,982	47,759
0-4	3,515	4,363	4,659	4,953	5,244	5,529	5,509	5,479
5-9	3,889	4,311	4,208	4,121	4,050	3,994	4,290	4,586
10-14	3,961	4,678	4,614	4,539	4,461	4,383	4,268	4,172
15-19	3,830	4,663	4,678	4,689	4,688	4,670	4,631	4,574
20-24	6,281	4,516	4,541	4,557	4,571	4,586	4,606	4,627
25-29	5,420	4,115	4,205	4,285	4,353	4,410	4,453	4,484
30-34	3,754	3,463	3,586	3,712	3,835	3,949	4,053	4,148
35-39	3,426	2,902	2,992	3,082	3,178	3,285	3,402	3,528
40-44	2,436	2,326	2,426	2,532	2,638	2,741	2,838	2,930

45-49	1,975	1,897	1,955	2,016	2,086	2,166	2,257	2,359
50-54	1,346	1,558	1,605	1,655	1,707	1,761	1,817	1,876
55-59	845	1,270	1,303	1,339	1,377	1,418	1,462	1,509
60-64	550	1,017	1,040	1,066	1,093	1,122	1,153	1,186
65+	1,070	1,994	2,040	2,086	2,136	2,188	2,243	2,301
Female	32,089	32,676	33,280	33,897	34,527	35,162	35,802	36,447
0-4	3,445	3,615	3,845	4,074	4,300	4,523	4,501	4,472
5-9	3,922	3,534	3,451	3,382	3,325	3,280	3,513	3,747
10-14	4,000	3,775	3,728	3,671	3,611	3,552	3,466	3,394
15-19	4,051	3,658	3,692	3,718	3,733	3,731	3,712	3,677
20-24	3,713	3,324	3,381	3,437	3,491	3,540	3,588	3,631
25-29	3,281	2,924	2,994	3,059	3,123	3,189	3,255	3,320
30-34	2,341	2,401	2,492	2,589	2,685	2,775	2,858	2,935
35-39	2,011	1,998	2,053	2,111	2,177	2,253	2,341	2,437
40-44	1,423	1,648	1,703	1,761	1,821	1,881	1,940	2,000
45-49	1,129	1,372	1,409	1,448	1,491	1,539	1,592	1,650
50-54	830	1,137	1,168	1,202	1,238	1,274	1,312	1,352
55-59	578	939	961	985	1,012	1,040	1,071	1,105
60-64	480	765	782	800	819	840	863	887
65+	885	1,586	1,621	1,660	1,701	1,745	1,790	1,840

Note: Figures for the year 2006 onwards are based on the projected population
 Source: Population & Housing Census of Bhutan, 2005

Table 2. Population, Density and Sex Ratio, Chhukha, (2005 ~ 2012)		2005	2006	2007	2008	2009	2010	2011	2012
Details									
Population (Number)		74,387	75,749	77,132	78,529	79,944	81,364	82,784	84,206
Population density (Persons per Sq. Km)		41	42	43	44	44	40	46	47
Population sex ratio		132	132	132	132	132	131	131	131

Table 3. Total Number of Live Births, Deaths, Marriages and Divorces, Chhukha, (2008 ~ 2011)

Age-group	2008	2009	2010	2011
Live births	883	n.a	680	741
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a
Total deaths	110	n.a	101	143
Male	77	n.a	67	92
Female	33	n.a	34	51
Infant deaths	4	n.a	6	9
Male	3	n.a	6	8
Female	1	n.a	0	1
Marriages certificate issued	n.a	n.a	14,603	n.a
Number of divorces	n.a	n.a	424	493

ω Source: Dzongkhag Health Sector & Court, Chhukha Dzongkhag

Table 4. Adolescent Birth rate and Total fertility rate, Chhukha, (2010)

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	29
Total fertility rate	2

Source: BMIS, 2010

Table 5. Early Childbearing, Chhukha, (2010)

Percentage of women age 15-19 who have had livebirth or who are pregnant with the first child; percentage of women age 15-19 who have begun childbearing before age 15, and the percentage of women age 20-24 who have had a live birth before age 18.

Details	2010
% of women age 15~19	
Have had a live birth	7
Are pregnant with first child	1.6
Have begun childbearing	8.1
Have had a live birth before 15	0
Number of women age 15~19	269
% of women age 20~24 who have had a live birth before age 18	13.1
Number of women age 20~24	296

Source: BMIS, 2010

Table 6. Use of Contraception, Chhukha, (2010)

Details	2010
Percentage of Women age 15-49 Years Currently Married or in Union Who are using (or whose partner is using) a Contraceptive Method.	
Not using any method	34.2
Percent of women (currently married or inunion) who are using	
Female sterilization	8
Male sterilization	11
IUD	3.9
Injectables	25.5
Implants	0
Oral contraceptive Pill	7.1
Male condom	10.2
Female condom	0
Foam/ jelly	0
Lactational amenorrhoea method (LAM)	0.1
Periodic abstinence/ rhythm	0.3
Withdrawal	0
Other	0.4
Any modern method	65
Any traditional method	0.8
Any method	65.8
Number of women currently married or in union	1039

Source: BMIS, 2010

Table 7. Antenatal Care Provider, Chhukha, (2010)
 Percent Distribution of Women Aged 15~49 Who Gave Birth in The Survey by Type of Personnel Providing Antenatal Care.

Details	2010
Persons providing antenatal care	
Doctor	27.2
Nurse/ midwife	65.8
HA/ BHW	5
Assistant clinical officer (ACO)	0
Traditional birth attendant	0
Village health worker	0
Other/ missing	0
No antenatal care received	2
Total	100
At Least once by skilled personnel	98
Number of women who gave birth in the preceding 2 years	223

Source: BMIS, 2010

Table 8. Number of Antenatal Care Visits, Chhukha, (2010)
 Percentage of Women Who had a Live Births During the Two Years Preceding the Survey by Number of Antenatal Care Visits by Any Provider.

Details	2010
Percent of women who had	
No antenatal care visits	2
1 Visits	2.4

2 Visits	3.3
3 Visits	8.1
4 or more visits	84.2
Missing/ DK	0
Total	100
Number of women who gave birth in the preceding 2 years	223

Source: BMIS, 2010

Table 9. Assistance During Delivery, Chhukha, (2010)

the Survey by Person Assisting, at Delivery and Percentage of Births Delivered by C-section.

Details	2010
Person assisting at delivery	
Doctor	38.3
Nurse / Midwife	30.5
HA/BHW	0.7
Asst. clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.0
Relative / friend	26.2
Other/missing	4.4
No attendant	0.0
Total	100
Any skilled personnel	69.5
Percent delivered by C-section	18.7
Number of women who gave birth in preceding two years	223

Source: BMIS, 2010

Table 10. Place of Delivery, Chhukha, (2010)
 Percent Distribution of Women age 15-49 With a Birth in Two Years Preceding the Survey
 by Place of Delivery.

Details	2010
Place of delivery	
Public sector health facility	71.4
Private sector health facility	0.8
Home	26.7
Other	1
Total	100
Delivered in health facility [1]	72.2
Number of women who gave birth in preceding two years	223

Source: BMIS, 2010

Table 11. Health Infrastructures, Facilities and Personnel, Chhukha, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Number of hospitals	3	3	3	3	3
Number of BHUs	8.0	9.0	10.0	10.0	10.0
BHU grade I	1.0	1.0	1.0	1.0	1.0
BHU grade II	7	8	9	9	9
Number of ORCs	47	47	47	47	43
Number of indigenous units	2	2	2	4	4
Number of doctors	10	10	10	11	11
Number of hospital/BHU beds	90	100	100	100	100
Persons per doctor	7,713	7,853	7,994	7,397	7,655
Persons per hospital bed	857	785	799	814	842
Total morbidity attendance	132,367	135,359	132,054	130,546	117,755
Health assistants	15	34	37	35	34
Basic health workers	79	7	6	8	5
Sister and nurses	28	38	40	44	51
Technicians	n.a	40	41	52	51
Indigenous dungtsho	n.a	2	2	2	3
Indigenous compounders/Menpas	n.a	2	2	4	4
Malaria workers	n.a	4	4	4	5
Village health workers	64	79	87	n.a	n.a
Number of children immunized					
Polio	938	1,432	1,199	1,164	1,286
DPTH	1,473	1,436	1,479	1,319	1,286
Measles	1,733	1,748	1,392	1,281	1,223
BCG	1,125	1,411	1,374	1,310	1,225
Others					

Source: Dzongkhag Health Sector, Chhukha Dzongkhag

Table 12. Hospital Admission and Average Length of Stay, Chhukha, (2007 ~ 2011)

Average admission	2007	2008	2009	2010	2011
Hospital admission					
Total	4574	6040	5763	5223	4682
Patient days	15277	14276	10350	9266	17025
Average days	3.3	2.4	1.8	1.8	3.6
BHU admission	195	191	163	173	193

Source : Annual Health Bulletin, MoH

Table 13. Number of Surgeries, Chhukha, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Surgeries	4545	5460	1331	824	2089
Caesarian Section	0	99	166	214	112
General Abdominal	428	229	241	325	30
General Others	1100	1864	146	99	1493
Orthopaedic extremities	1835	1583	419	68	229
Orthopaedic Others	1164	1460	235	32	15
Gynaecology	5	147	95	83	174
ENT	9	52	26	3	0
Eye	4	26	3	0	36

Source: Annual Health Bulletin, MoH

Table 14. Number of Dental Services, Chhukha, (2007 ~ 2011)

Dental Services	2007	2008	2009	2010	2011
Prophylaxis	205	147	145	184	56
Scaling	240	120	77	96	20
Fillings	2932	3033	2842	3410	2347
Extractions	2257	3089	3345	3919	2583
Others	4533	5155	4140	5772	4418

Source: Annual Health Bulletin, MoH

Table 15: Number of Top Ten Morbidity, Chhukha, (2007~ 2011)

Priority health problem/ Diseases	2007	2008	2009	2010	2011
Diarrhoea	8,554	8,419	6,785	4,764	4,566
Conjunctivitis	4,225	4,080	4,513	4,840	2,964
Dysentery	2,538	2,330	2,500	1,513	1,017
Typhoid	24	86	78	n.a	n.a
Sexually transmitted disease, excluding HIV/AIDS	120	176	171	98	70
Diabetes	388	561	278	235	362
Tuberculosis	82	149	104	100	66
Early syphilis	1	0	8	n.a	n.a
Cholera	5	0	1	n.a	n.a
Tetanus	0	0	0	n.a	n.a
Diphtheria	0	0	0	n.a	n.a
Pertussis	0	0	0	n.a	n.a

Source: Dzongkhag Health Sector, Chhukha, Dzongkhag

Table 16. Child Disability, Chhukha, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	5.6
Difficulty seeing, either in the daytime or at night	2.6
Appears to have difficulty hearing	1.3
No understanding of instructions	1.2
stiffness	3.7
Have fits, become rigid, lose consciousness	2.4
Not learning to do things like other children his/her age	1.4
No speaking cannot be understood in words	4.3
Appears mentally backward, dull, or slow	6.8
Speech is not normal	15.9
Number of children aged 3-9 years	993
Cannot name at least one object	24.4
Number of children aged 2 years	125
reported disability*	32.6
Number of children aged 2-9 years	1118

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Chhukha, (2010)

Percentage of children under age 5 by nutritional status according to three anthropometric indices: weight for age, height for age, and weight for height.

Nutritional Status	2010
Weight for age: % below -2 sd [1]	14.1
Weight for age: % below -3 sd [2]	3.3
Weight for age: Mean Z-Score (SD)	- .9
Weight for age: Number of children	625
Height for age: % below -2 sd [3]	27.4
Height for age: % below -3 sd [4]	6.4
Height for age: Mean Z-Score (SD)	-1
Height for age: Number of children	617
Weight for height: % below -2 sd [5]	10.9
Weight for height: % below -3 sd [6]	2.2
Weight for height: % above +2 sd	2.4
Weight for height: Mean Z-Score (SD)	- .4
Weight for height: Number of children	615

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Chhukha, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey Who Were Ever Breastfed, Percentage Who Were Breastfed Within One Hour of Birth and

Initial Breastfeeding	2010
Percentage ever breastfed	100
Percentage who were first breastfed: Within one hour of birth	38.1
Percentage who were first breastfed: Within one day of birth	94.7
Percentage who received a prelacteal feed	10.1
Number of last-born children in the two years preceding the	223

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Chhukha, (2010)

Median duration of any breastfeeding, exclusive breastfeeding, and predominant breastfeeding among children age 0-35 months.

Duration of Breastfeeding	2010
Median duration (in months) of Any breastfeeding	24.4
Exclusive breastfeeding	2.9
Predominant breastfeeding	4.7
Number of children age 0-35 months	370

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Chhukha, 2010

Percentage of Last-Born Children in the 2 Years Preceding the Survey That are Estimated to Have Weighed Below 2500 Grams at Birth and Percentage of Live

Low Birth Weight Infants	2010
Percent of live births Below 2500 grams	14.4
Weighed at birth	74.3
Number of live births in the last 2 years	223

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Chhukha, (2010)

Percentage of women age 15-49 years with a live birth in the last 2 years protected against neonatal tetanus.

Neonatal Tetanus Protection	2010
Pregnancy during last pregnancy but received 2 doses, the last within prior 3 years	45.6
3 doses, the last within prior 5 years	15
4 doses, the last within prior 10 years	0
5 or more doses during Lifetime	0
Protected against tetanus [1]	60.6
Number of women with a live birth in the last 2 years	223

Source: BMIS, 2010

Table 22. Solid Fuel Use, Chhukha, (2010)

Percentage Distribution of Household Members According to Type of Cooking Fuel Used by the Household, and Percentage of Household Members Living in

Solid Fuel Use	2010
Percentage of household members in households using Electricity	23.4
Liquefied Petroleum Gas (LPG)	37.8
Kerosene	0
Coal	0.2
Wood	38.6
Straw/Shrubs/Grass	0
No food cooked in household	0
Other	0
Total	100
Solid fuels for cooking	38.7
Number of household members	6863

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Chhukha, (2010)
 Percent distribution of household population according to main source of drinking water and percentage of household population using improved drinking

Water Sources	2010
Main source of drinking water	
Improved sources	
Piped into dwelling	39.1
Piped into compound	39.9
Piped to neighbor	13.4
Public outdoor tap	0.5
Protected well	0
Spring	0.8
Rainwater collection	0
Bottled water	0
Unimproved sources	0
Unprotected well	0
Unprotected spring	3.2
Tanker-truck	0
Cart with small tank/drum	0
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	3.1
Other	0
Total	100
Percentage using improved sources of drinking water	93.7
Number of household members	6863

Source: BMIS, 2010

Table 24. Household Water Treatment, Chhukha, (2010)

Percentage of Household Population by Drinking Water Treatment Method Used in the Household, and for Household Members Living in Households Where an

Water Treatment	2010
Water treatment method used in the household	
None	6.8
Boil	81.8
Add bleach / chlorine	0.4
Strain through a cloth	1.2
Use water filter	34.9
Solar disinfection	0.1
Let it stand and settle	13.1
Other	0
Don't know	0
Number of household members	6863
unimproved drinking water sources and using an appropriate drinking water sources	70.6
	430

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Chhukha, (2010)
 Percent Distribution of Household Population According to Time to go to Source of Drinking Water, Get Water and Return, for Users of Improved and Unimproved

Time to Source of Drinking Water	2010
Time to source of drinking water	
Users of improved drinking water sources	
Water on premises	92.7
Less than 30 minutes	1
30 minutes or more	0
Missing/DK	0
Users of unimproved drinking water sources	
Water on premises	0.7
Less than 30 minutes	2.7
30 minutes or more	2.8
Missing/DK	0
Total	100
members	6863

Source: BMIS, 2010

Table 26. Types of Sanitation Facilities, Chhukha, (2010)
 Percent Distribution of Household Population According to Type of Toilet Facility Used by the Household

Time to Source of Drinking Water	2010
Type of toilet facility used by household	
Improved sanitation facility	
Flush toilet	0.5
Flush to septic tank (Without soak pit)	54.5
Flush to pit (latrine)	8.7
Flush to unknown place/not sure/DK where	0
Flush to septic tank (with soak pit)	3.6
Ventilated Improved Pit latrine (VIP)	0.2
Pit latrine with slab	18.5
Composing toilet	0
Unimproved sanitation facility	
Flush to somewhere else	0.3
Pit latrine without slab /open pit	8.4
Long drop latrine	0.7
Bucket	0
Other	0
Missing	0
Open defecation (no facility, bush, field)	
No facility, bush, field	4.6
Total	100
Number of household members	6863

Source: BMIS, 2010

Table 27. Number of Schools, Institutions, Teachers and Students, Chhukha, (2008 ~ 2012)

Details	GPS	PS	ISS	MSS	HSS	College	Pvt.	Other Inst.	NFE Centres	Daycare Centres	Total
2008											
Number of schools and institutions	17	4	7	5	2	2	2	2	n.a	40	n.a
Teaching staff											
Bhutanese	79	31	144	151	51	42	31	n.a	43	n.a	572
Male	54	16	55	73	30	38	17	n.a	24	n.a	307
Female	25	15	89	78	21	4	14	n.a	19	n.a	265
Non-Bhutanese	0	1	14	43	27	29	11	n.a	0	n.a	125
Male	0	0	8	29	17	25	4	n.a	0	n.a	83
Female	0	1	6	14	10	4	7	n.a	0	n.a	42
Temporary teachers	0	0	0	0	0	0	0	n.a	0	n.a	0
Male	0	0	0	0	0	0	0	n.a	0	n.a	0
Female	0	0	0	0	0	0	0	n.a	0	n.a	0
Number of students	2,377	946	5,484	4,899	1,665	787	700	n.a	951	n.a	17,809
Male	1,221	504	2,802	2,481	820	528	355	n.a	225	n.a	8,936
Female	1,156	442	2,682	2,418	845	259	345	n.a	726	n.a	8,873
Student to teacher ratio	30.09	29.56	34.71	25.25	21.35	11	17	n.a	22.12	n.a	
2009											
Number of schools and institutions	18	5	7	4	3	2	2	2	n.a	36	n.a
Teaching staff											
Bhutanese	65	42	148	113	105	55	28	n.a	43	n.a	599
Male	48	20	47	49	57	47	14	n.a	24	n.a	306
Female	17	22	101	64	48	8	14	n.a	19	n.a	293
Non-Bhutanese	0	0	15	36	36	35	10	n.a	0	n.a	132
Male	0	0	9	23	26	31	6	n.a	0	n.a	95
Female	0	0	6	13	10	4	4	n.a	0	n.a	37
Temporary teachers	15	5	9	5	3	0	2	n.a	0	n.a	39
Male	12	1	4	3	1	0	1	n.a	0	n.a	22
Female	3	4	5	2	2	0	1	n.a	0	n.a	17
Number of students	2,266	1,216	2,498	5,215	3,215	1,245	765	n.a	878	n.a	17,298
Male	1,133	638	1,227	2,617	1,611	787	382	n.a	209	n.a	8,604
Female	1,133	578	1,271	2,598	1,604	458	383	n.a	669	n.a	8,694
Student to teacher ratio	28.33	25.87	14.52	33.86	22.33	14	19	n.a	20.42	n.a	

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2010	18	5	7	4	3	2	n.a	36	n.a	77
Number of schools and institutions										
Teaching staff										
Bhutanese	72	41	71	115	114	131	n.a	51	n.a	617
Male	54	16	12	55	62	99	n.a	21	n.a	331
Female	15	25	59	60	52	32	n.a	30	n.a	283
Non-Bhutanese	0	1	6	30	35	36	n.a	0	n.a	117
Male	0	0	3	20	25	31	n.a	0	n.a	85
Female	0	1	3	10	10	5	n.a	0	n.a	32
Temporary teachers	22	4	1	0	1	0	n.a	0	n.a	32
Male	18	1	0	0	0	0	n.a	0	n.a	23
Female	5	3	1	0	1	0	n.a	0	n.a	10
Number of students	2,174	1,206	1,662	2,585	3,125	1,245	n.a	956	n.a	13,687
Male	1,085	622	804	1,280	1,525	787	n.a	322	n.a	6,778
Female	1,089	584	858	1,305	1,600	458	n.a	634	n.a	6,909
Student to teacher ratio	23.13	26.22	21.31	17.83	20.83	7	n.a	18.75	n.a	
2011										
Number of schools and institutions	20	26	6	5	3	2	n.a	48	n.a	92
Teaching staff										
Bhutanese										
Male	56	19	60	59	54	n.a	n.a	n.a	n.a	248
Female	23	29	113	62	49	n.a	n.a	n.a	n.a	276
Non-Bhutanese										
Male	0	0	0	0	0	n.a	n.a	n.a	n.a	0
Female	0	1	0	0	0	n.a	n.a	n.a	n.a	1
Temporary teachers										
Male	6	0	12	24	23	n.a	n.a	n.a	n.a	65
Female	0	0	7	10	11	n.a	n.a	n.a	n.a	28
Number of students										
Male	1,011	689	2,705	1,971	1,554	n.a	n.a	n.a	n.a	8,196
Female	1,102	658	2,738	1,928	1,623	n.a	n.a	n.a	n.a	8,375
Student to teacher ratio	24.86	27.49	28.35	25.15	23.19	n.a	n.a	n.a	n.a	

2012	20	6	5	6	3	2	2	6*	58	n.a
Number of schools and institutions	111	58	158	147	108	168	32	7	49	0
Teaching staff	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	20	n.a
Bhutanese	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	29	n.a
Male	0	0	n.a	n.a	n.a	40	8	0	0	n.a
Female	0	0	n.a	n.a	n.a	n.a	n.a	0	0	n.a
Non-Bhutanese	0	1	n.a	n.a	n.a	n.a	n.a	0	0	n.a
Male	0	0	11	34	31	n.a	n.a	0	0	n.a
Female	0	0	n.a	24	n.a	n.a	n.a	0	0	n.a
Temporary teachers	0	0	n.a	10	n.a	n.a	n.a	0	0	n.a
Male	0	0	n.a	n.a	n.a	n.a	n.a	0	0	n.a
Female	0	0	n.a	n.a	n.a	n.a	n.a	0	0	n.a
Number of students	2,629	1,319	4,764	4,574	3,107	1,472	628	187	848	n.a
Male	1,282	680	2,375	2,275	1,504	915	306	93	222	n.a
Female	1,347	639	2,389	2,299	1,603	557	322	94	626	n.a
Student to teacher ratio	24	22	28	25	22	7	16	27	17	n.a

Source: Dzongkhag Education Sector, Chhukha Dzongkhag

Note: * figure for other institution for the year 2012 is ECR (Extendend class Room)

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Table 28. School Enrolment by Grade and Sex, Chhukha, (2008~2012)

Class	2008	2009	2010	2011	2012
Primary level					
Total	10,897	11,052	10,948	10,519	11,108
Class PP	1,882.0	1,702.0	1,680.0	1,487.0	1,432
Class I	1,722.0	1,870.0	1,637.0	1,602.0	1,634
Class II	1,626	1,695	1,730	1,552	1,654
Class III	1,336	1,553	1,650	1,647	1,625
Class IV	1,642	1,366	1,544	1,642	1,742
Class V	1,426	1,539	1,242	1,418	1,607
Class VI	1,263	1,327	1,465	1,171	1,414
Male					
Class PP	984	840	852	752	728
Class I	861	958	827	805	816
Class II	854	850	845	766	834
Class III	689	806	830	799	769
Class IV	836	690	780	826	861
Class V	735	772	625	709	820
Class VI	645	660	733	564	690
Female					
Class PP	898	862	828	735	704
Class I	861	912	810	797	818
Class II	772	845	885	786	820
Class III	647	747	820	848	856
Class IV	806	670	764	816	881
Class V	691	767	632	709	787
Class VI	618	667	732	607	724
Secondary level					
Total	5,174	5,378	5,583	6,052	6,100
Class VII	1,265	1,247	1,316	1,493	1,256
Class VIII	1,052	1,144	1,198	1,257	1,376
Class IX	1,037	1,049	1,075	1,361	1,305
Class X	873	804	876	945	1,119
Class XI	514	607	535	553	542
Class XII	433	527	583	443	502
Male					
Class VII	621	638	642	722	619
Class VIII	535	589	599	620	663
Class IX	509	534	515	674	630
Class X	430	419	452	463	546
Class XI	256	300	252	269	272
Class XII	228	256	306	227	267
Female					
Class VII	644	716	674	771	637
Class VIII	517	555	599	637	713
Class IX	528	515	560	687	675
Class X	443	385	424	482	573
Class XI	258	307	283	284	270
Class XII	205	271	277	216	235

Source: Dzongkhag Education Sector, Chhukha Dzongkhag

Annual Dzongkhag Statistics, 2012 : CHHUKHA

Table 29. Student by Age-Group, Sex and by Level, Chhukha, (2008-2012)

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total	10,897	11,052	10,948	10,519	11,108
Age < 6 years	129	49	85	129	55
Age 6-12 years	8,524	8,532	8,171	8,340	8,761
Age 13 & above	2,263	2,471	2,692	2,050	2,292
Male	5,604	5,683	5,328	5,221	5,518
Age < 6 years	64	29	55	63	29
Age 6-12 years	4,288	4,250	3,946	4,068	4,292
Age 13 & above	1,252	1,404	1,327	1,090	1,197
Female	5,293	5,369	5,620	5,298	5,590
Age < 6 years	46	20	30	66	26
Age 6-12 years	4,257	4,282	4,225	4,272	4,469
Age 13 & above	990	1,067	1,365	960	1,095
Student in LSS level (Class VII-VIII)					
Total	2,317	2,208	2,383	2,750	2,632
Age < 13 years	113	126	198	140	114
Age 13-14 years	853	794	754	981	919
Age 15 & above	1,351	1,288	1,431	1,629	1,599
Male	1,156	1,060	1,276	1,342	1,282
Age < 13 years	46	64	103	57	45
Age 13-14 years	404	344	363	440	416
Age 15 & above	706	652	810	845	821
Female	1,161	1,148	1,107	1,408	1,350
Age < 13 years	67	62	95	83	69
Age 13-14 years	449	450	391	541	503
Age 15 & above	645	636	621	784	778
Students in MSS level (Class IX-X)					
Total	1,910	2,157	204	2,306	2,424
Age < 15 years	52	117	69	83	81
Age 15-16 years	620	719	97	781	806
Age 17 & above	1,238	1,321	38	1,442	1,537
Male	939	1,081	95	1,137	1,176
Age < 15 years	23	44	27	38	42
Age 15-16 years	274	308	46	343	346
Age 17 & above	642	729	22	756	788
Female	971	1,076	109	1,169	1,248
Age < 15 years	29	73	42	45	39
Age 15-16 years	346	411	51	438	460
Age 17 & above	596	592	16	686	749
Students in HSS level (Class XI-XII)					
Total	947	554	612	996	1,044
Age < 17 years	65	39	94	23	39
Age 17-18 years	374	231	250	289	385
Age 19 & above	508	284	268	684	620
Male	484	290	331	496	539
Age < 17 years	31	21	40	12	16
Age 17-18 years	168	101	115	117	165
Age 19 & above	285	168	176	367	358
Female	463	264	281	500	505
Age < 17 years	34	18	54	11	23
Age 17-18 years	206	130	135	172	220
Age 19 & above	223	116	92	317	262

Source: Education Sector, Chhukha Dzongkhag

Table 30. Literacy Among Young Women, Chhukha, (2010)

Literacy Among Young Women	2010
Percentage literate	61
Percentage not known	0
Number of women age 15-24 years	565

Source: BMIS, 2010

Table 31. School Readiness, Chhukha, (2010)

Percentage of children attending first grade of primary school who attended pre-school the previous year.

School Readiness	2010
Percentage of children attending first grade who attended preschool in previous year	1.3
Number of children attending first grade of primary school	176

Source: BMIS, 2010

Table 32. Primary School Entry, Chhukha, (2010)

Percentage of Children of Primary School Entry Age Entering Grade 1 (net intake rate)	2010
Primary School Entry	61.6
Percentage of children of primary school entry age entering grade 1	178
Number of children of primary school entry age	

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Chhukha, (2010)

Percentage of children entering first grade of primary school who eventually reach the last grade of primary school (Survival rate to last grade of primary school)

Details	2010
Percent attending grade 1 last year who are in grade 2 this year	100
Percent attending grade 2 last year who are attending grade 3 this year	98.8
Percent attending grade 3 last year who are attending grade 4 this year	97.4
Percent attending grade 4 last year who are attending grade 5 this year	95.9
Percent attending grade 5 last year who are attending grade 6 this year	100
Percent who reach grade 6 of those who enter grade 0	90.9

Source: BMIS, 2010

Table 34. Education Gender Parity, Chhukha, (2010)

Education gender parity Ratio of adjusted net attendance ratios of girls to boys, in primary and secondary school

Education Gender Parity	2010
Primary school adjusted net attendance ratio (NAR), girls	90.1
Primary school adjusted net attendance ratio (NAR), boys	88.5
Gender parity index (GPI) for primary school adjusted NAR	1.02
Secondary school adjusted net attendance ratio (NAR), girls	58.2
Secondary school adjusted net attendance ratio (NAR), boys	57.6
Gender parity index (GPI) for secondary school adjusted NAR	1.01

Source: BMIS, 2010

Table 35. Summary of Crime Reports by Nature of Crime, Chhukha, (2009 ~ 2011)

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy	n.a	n.a	3
Homicide	n.a	n.a	4
Assault, battery and related offences	n.a	n.a	47
Kidnapping and related offences	n.a	n.a	0
Sexual offence	n.a	n.a	7
Offence against infant, child, mentally disabled and incompetent person	n.a	n.a	0
Arson and related offences	n.a	n.a	1
Burglary, trespass and related offences	n.a	n.a	60
Larceny, robbery, armed robbery and related offences	n.a	n.a	115
Money laundering and smuggling	n.a	n.a	12
Embezzlement and bribery	n.a	n.a	0
Forgery and related offences	n.a	n.a	9
Defamation and related offences	n.a	n.a	1
Treason, terrorism and related offences	n.a	n.a	3
Offences against cultural and national heritage	n.a	n.a	3
Offences against judicial authority	n.a	n.a	0
Prostitution and related offences	n.a	n.a	8
Offences against the public welfare	n.a	n.a	8
Offences related to public and civic duties	n.a	n.a	0
Offences related to public order and tranquillity	n.a	n.a	1
Offences against privacy	n.a	n.a	0
Computer offences	n.a	n.a	0

Offences related to firearms and weapons	n.a	n.a	2
Offences related to protected species, controlled and other harmful substances	n.a	n.a	73
Motor vehicle offences	n.a	n.a	246
Others	n.a	n.a	15
Total crimes	n.a	n.a	618

Source: Royal Bhutan Police, Chhukha Dzongkhag

Table 36. Monthly Motor Vehicle Accidents, Chhukha, (2009~ 2011)

Month	(Incident)		
	2009	2010	2011
January	n.a	N.A	11
February	n.a	N.A	6
March	n.a	1	13
April	n.a	2	8
May	n.a	1	19
June	n.a	1	12
July	n.a	1	31
August	n.a	N.A	36
September	n.a	3	36
October	n.a	N.A	24
November	n.a	N.A	23
December	n.a	1	27
Total	n.a	n.a	246

Source: Royal Bhutan Police, Chhukha Dzongkhag

Table 37. Causes of Motor Vehicle Accidents, Chhukha, (2009~2011)

Details	(Incident)		
	2009	2010	2011
Mechanical fault	n.a	10	27
Drunk driving	n.a	7	34
Bad weather	n.a	8	24
Without licence	n.a	6	14
Unknown causes	n.a	0	0
Other causes	n.a	50	180
All causes	n.a	81	0

Source: Royal Bhutan Police, Chhukha Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Chhukha, (2010)

Details	2010
Percentage of women age 15-49 years who believe a husband is justified in beating his wife/partner	
If goes out without telling him	15.9
If she neglects the children	47.5
If she argues with him	21.1
If she refuses sex with him	12.6
If she burns the food	25.2
For any of these reasons	60.4
Number of women age 15-49 years	1550

Source: BMIS, 2010

Table 39. Land Area and Damages Caused by Types, Chhukha, (2007 ~ 2011)

Detials	2007	2008	2009	2010	2011
Dzongkhag area (Sq. Km)	1,802	1,802	1,802	1,802	1,802
Total cultivated land (Acres) ¹	n.a	n.a	n.a	n.a	n.a
Damages caused by landslides ²	n.a	n.a	n.a	n.a	n.a
Farmland (acres)	n.a	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a	n.a
Damages caused by floods ²	n.a	n.a	n.a	n.a	n.a
Farmland (acres)	n.a	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a	n.a
Crops affected by drought (acres)	n.a	n.a	n.a	n.a	n.a
Crops damaged by wild animals (acres)	n.a	n.a	n.a	n.a	n.a
Incidence of earthquake (Number of cases reported) ²	0	0	0	0	1
Houses damaged by earthquakes (Number)	0	0	0	0	797
Number of forest fires ³	2	0	0	0	0
Acreage destroyed by forest fires	13,055	0	0	0	0
Acreage of reforestation ³	0	0	0	0	0
Houses/structures damaged by fires (Number) ³	n.a	n.a	n.a	n.a	0

Source: ¹Agriculture Sector, ²Environment Sector, ³ Forest Sector, Chhukha Dzongkhag

Table 40. Average Monthly Temperature (Degree Centigrade), Chhukha, (2010 & 2011)

Month/ Tempera	2010			2011		
	(Degree Celsius)			(Degree Celsius)		
	Maximum	Minimum	Average	Maximum	Minimum	Average
January	12.8	5	8.9	15.2	4	9.6
February	14	6.5	10.2	18.3	6.5	12.4
March	17	9	13	21	11.1	16.05
April	19.1	10.7	14.9	22.9	12.3	17.6
May	21.4	12.7	17	24.6	15	19.8
June	23.1	14.4	18.8	25.6	17.6	21.6
July	23.3	14.4	18.8	24.6	17.7	21.15
August	22.8	13.6	18.2	26.1	17.4	21.75
September	22	12.8	17.4	26.2	18.3	22.25
October	20.4	11.4	15.9	26.2	13.3	19.75
November	17.9	8.9	13.4	18.5	9.5	14
December	14.4	6.2	10.3	18.1	7.4	12.75
Annual						

Source: SYB, NSB

Table 41. Average Monthly Rainfall, Chhukha, (2010 & 2011)

Month/ Monthly	2010			2011		
	Station			Station		
	Chhukha	Gedu	PhuntsholirTala	Chhukha	Gedu	Phuntsholing Tala
January	0	0	0	8.6	6	0
February	0	39	25	33.8	22.2	37.9
March	54	239	211	37.2	63	42.2
April	123	326	423	77.2	151.4	208.8
May	214	417	394	120.8	523	245.5
June	390	475	894	208.4	825.4	848.2
July	519	428	926	195.7	1021.5	706.2
August	193	365	611	115.5	178.8	524.4
September	155	261	630	184.3	229.6	424.7
October	66	87	68	20.6	110.1	0
November	3	14	1	20.2	61.6	12
December	0	0	0	0.2	0	0
Annual						

Source: SYB, NSB

Table 42. Percentage of Forest Coverage, Number of Protected Spring and Lakes, Chhukha, (2010)

Details	2010
Forest coverage (%) ²	
Number of snow fall at Dzongkhag headquarter	0
Number of Protected spring water sources ¹	n.a
Number of Lakes ¹	n.a

Source: ¹Dzongkhag Forest Section, ²Tenth Plan Documents, GNHC

Table 43. Disposal of Childs Faeces, Chhukha, (2010)

Percent distribution of children age 0-2 years according to place of disposal of child's faeces, and the percentage of children age 0-2 years whose stools were

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	25.2
Put / Rinsed into toilet or latrine	44.5
Put / Rinsed into drain or ditch	16.5
Thrown into garbage (solid waste)	5.2
Buried	4.2
Left in the open	4
Other	0.5
Total	100
Percentage of children whose stools were disposed of safely	69.7
Number of children age 0-2 years	370

Source: BMIS 2010

Table 44. Parliamentary and Local Government Representatives, Chhukha, (2008 & 2011)

Details	2008	2011
Local governance (Number)		
Parliamentarians	3	3
Male	2	2
Female	1	1
Gups	11	10
Male	11	10
Female	0	0
Total gewog tshogpas ¹	127	31
Male	123	n.a
Female	4	n.a
Total Mangmis ¹	11	11
Male	8	9
Female	3	2
DYT members ²	23	22
Male	20	20
Female	3	2
GYT members ¹	145	n.a
Male	139	n.a
Female	6	n.a

Polling stations ²	73	77
Eligible voters (18 years and above) ²	18,268	19,586
Male	n.a	9,873
Female	n.a	9,713
% of Voters turnout during election	n.a	n.a
Male	n.a	6,177
Female	n.a	5,970
Total election staff in Dzongkhag	3	4
Male	2	2
Female	1	2

Source: ¹Gewog Administration, ²Election Sector, Chhukha Dzongkhag.

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Table 45. Parliamentary and Local Government Election Expenditures, Chhukha, (2008 & 2011)

Details	Amount (Nu)
2008	
Parliamentarians (Number)	n.a
National council	n.a
National assembly	n.a
2011	
Local government	n.a
Gup	n.a
Mangmi	n.a
Tsogpa	n.a

Source: Election Office, Chhukha Dzongkhag

Table 46. Government Finance Expenditures, Chhukha, (2009 ~ 2011)

Details	2009			2010			2011		
	Current	Capital	Total	Current	Capital	Total	Current	Capital	Total
Sectors									
Civil	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Urban Development & Housing	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Roads	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Source: Dzongkhag Administration, Chhukha

Table 47. Dzongkhag 9th and 10th Five Year Plan Outlays, Chhukha

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	123.3	125.3	214.1	21.3
Agriculture	28.0	21.7	39.2	17.5
Livestock	23.3	11.7	34.6	12.3
Forestry	5.1	20.8	30.6	26.0
Education	335.2	290.1		
Health	117.0	90.5	242.5	180.4
Urban development & housing	7.4	138.2	81.7	225.6
Roads	5.4	-	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	-	-	n.a	n.a
Trade & industry	-	1.0	n.a	n.a
Total	493.4	552.3	642.7	483.1
Total plan outlay	493.4	552.3	642.7	483.1

Source: Dzongkhag Administration, Chhukha

Table 48. Dzongkhag 9th and 10th Five Year Plan Expenditures, Chhukha

Sectors	(in million Nu.)			
	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	128.0	55.8	45.5	10.6
Agriculture	24.6	19.8	15.3	6.2
Livestock	18.4	11.5	15.3	2.7
Forestry	8.6	5.5	8.1	5.1
Education	605.6	90.2	416.5	72.1
Health	90.4	93.5	120.0	17.5
Urban development & housing	28.0	22.0	25.7	20.8
Roads	-	-	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	-	-	n.a	n.a
Trade & industry	-	-	n.a	n.a
Total	903.6	298.3	646.4	134.9
Total plan expenditure	903.6	298.3	646.4	134.9

Source: Dzongkhag Administration, Chhukha Dzongkhag

Table 49. Gewog 9th and 10th Five Year Plan Outlays, Chhukha
(In million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a

Source: Planning Unit, Chhukha Dzongkhag

Table 50. Gewog 9th and 10th Five Year Plan by Expenditures, Chhukha
(In million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads & bridges	n.a	n.a	n.a	n.a
Religion & cultural	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & Industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a

Source:Dzongkhag Administration, Chhukha

Table 51. Employed Persons by Age, Sex and Area of Residence, Chhukha, (2008 ~ 2012)

Details	(Number)					
	2008	2009	2010	2011	2012	
Total	n.a	n.a	n.a	40600	40023	
Male	n.a	n.a	n.a	22200	20773	
Female	n.a	n.a	n.a	18400	19250	
Rural Total	n.a	n.a	n.a	20800	26063	
Male	n.a	n.a	n.a	10600	12566	
Female	n.a	n.a	n.a	10200	13497	
Urban Total	n.a	n.a	n.a	19800	13960	
Male	n.a	n.a	n.a	11700	8207	
Female	n.a	n.a	n.a	8100	5753	

Source: Labour Force Survey, MoLHR

Table 52. Employment by Industries, Age Group and Sex, Chhukha, (2009 ~ 2012)

Details	(Number)			
	2009	2010	2011	2012
Total labour force (Number)	n.a	n.a	41,700	40,653
Total employed (%)	n.a	n.a	97.4	98.5
Male	n.a	n.a	98.7	98.9
Female	n.a	n.a	95.8	97.9
Unemployment rate	n.a	n.a	2.6	1.5
Total employed in Agriculture (%)	n.a	n.a	35.7	n.a
Male	n.a	n.a	16.0	n.a
Female	n.a	n.a	19.7	n.a
Total employed in Industries (%)	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a

Total employed in Services (%)	n.a	n.a	36.7	n.a	n.a
Male	n.a	n.a	25.9	n.a	n.a
Female	n.a	n.a	10.8	n.a	n.a
Total unemployed by area (%)	n.a	n.a	n.a	n.a	n.a
Urban	n.a	n.a	n.a	n.a	n.a
Rural	n.a	n.a	n.a	n.a	n.a
Total un-employed by education (%)	n.a	n.a	n.a	n.a	n.a
Total unemployed grade XII and above	n.a	n.a	n.a	n.a	n.a
Total unemployed below grade XII	n.a	n.a	n.a	n.a	n.a
Total under employed (%)	n.a	n.a	n.a	n.a	n.a
Employed by age-group (%)	n.a	n.a	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a	n.a	n.a
Unemployed by age-group (%)	n.a	n.a	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a	n.a	n.a
Labor force participation rate (%)	n.a	n.a	n.a	n.a	n.a
Male participation rate	n.a	n.a	n.a	n.a	n.a
Female participation rate	n.a	n.a	n.a	n.a	n.a

Source: Labour Force Survey, MoLHR

Table 53. Child Labour, Chhukha, (2010)

Percentage of Children by Involvement in Economic Activity and Household Chores During the Past Week, According to Age Groups, and Percentage of Children Age 5-14 Involved in Child Labour

Child labour	2010
Percentage of children age 5-11 involved in Economic activity	
Working outside household	
Paid work	0.3
Unpaid work	0.7
Working for family business	15.6
Economic activity for at least one hour	16.1
Household chores less than 28 hours	29.9
Household chores for 28 hours or more	0.3
Child labour	16.5
Number of children age 5-11	975
Percentage of children age 12-14 involved in Economic activity	n.a
Working outside household	n.a
Paid work	1
Unpaid work	1.4
Working for family business	30.1
Economic activity less than 14 hours	29.7
Economic activity for 14 hours or more	1.3
Household chores less than 28 hours	63.5
Household chores for 28 hours or more	0.6
Child labour	1.9
Number of children age 12-14	537
Total child labour [1]	11.3
Number of children age 5-14 years	1511

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Chhukha, (2010)

Percentage of children age 5-14 years involved in child labour who are attending school, and percentage of children age 5-14 years attending school who are involved in child labour

Child Labour and School Attendance	2010
Percentage of children involved in child labour	11.3
Percentage of children attending school	83.7
Number of children age 5-14 years	1511
Percentage of child labourers who are attending school	78.8
Number of children age 5-14 years involved in child labour	171
Percentage of children attending school who are involved in child labour	10.6
Number of children age 5-14 years attending school	1265

Source: BMIS, 2010

Table 55. Agriculture Production and Average Prices by Commodities, Chhukha, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Paddy					
Area (Acres)	2,806	771	1,752	2,934	n.a
Production (MT)	2,567	2,753	1,581	2,760	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Maize					
Area (Acres)	5,746	1,858	4,314	4,917	n.a
Production (MT)	6,805	4,815	3,163	3,247	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Wheat					
Area (Acres)	1,677	170	410	212	n.a
Production (MT)	962	282	215	156	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Barley					
Area (Acres)	203	31	71	202	n.a
Production (MT)	137	490	280	56	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Buckwheat					
Area (Acres)	2,030	386	863	1,310	n.a
Production (MT)	990	559	474	584	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Millet					
Area (Acres)	2,427	437	1,136	2,093	n.a
Production (MT)	1,152	587	436	793	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a

Fruits						
Apples						
Number of fruit bearing trees	5,749	5,090	3,811	10,706	n.a	n.a
Production (Kg)	152,342		73,000	119,000	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Oranges/ Mandarin						
Number of fruit bearing trees	277,836	140,780	131,312	342,258	n.a	n.a
Production (Kg)	5,264,031	2,208,370	1,628,000	5,534,000	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Banana						
Number of fruit bearing trees	20,579	740	8,130	12,116	n.a	n.a
Production (Kg)	211,000	18,500	69,000	107,000	n.a	n.a
Price per Dozen(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Pear						
Number of fruit bearing trees	2,791	350	468	546	n.a	n.a
Production (Kg)	242,000	24,400	19,000	21,000	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Plum						
Number of fruit bearing trees	n.a	90	27	68	n.a	n.a
Production (Kg)	n.a	4,000	1,000	1,000	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Areca Nut						
Production (Pon)	420,000	61,990	279,000	444,017	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Price per 80 Piece/ Pon(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a

Vegetables and Spices							
Potato							
Production (kg)	4,887,000	4,471,980	3,125,000	6,349,000	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Chili							
Production (kg)	210,000	281,820	265,000	200,000	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Onion							
Production (kg)	n.a	26,190	37,000	23,000	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Cabbage							
Production (kg)	279,000	74,260	124,000	30,000	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Cauliflower							
Production (kg)	n.a	10,100	13,000	6,000	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Asparagus							
Production (Bundles)	0	2,690	1,000	100	n.a	n.a	n.a
Production (Nu.)	0	n.a	n.a	n.a	n.a	n.a	n.a
Price per bundle (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Tomato							
Production (Kg)	30,000	19,010	8,000	12,000	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Carrot									
Production (Kg)	197,000	43,230	59,000	84,000	n.a	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Egg Plant (Brinjal)									
Production (Kg)	0	0	11,000	9,000	n.a	n.a	n.a	n.a	n.a
Production (Nu.)	0	0	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	0	0	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Raddish									
Production (Kg)	355,000	253,960	167,000	176,000	n.a	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Ginger									
Production (Kg)	1,446,000	350,920	749,000	637,000	n.a	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Cardamom									
Production (Kg)	564,000	178,850	27,000	439,000	n.a	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Garlic									
Production (Kg)	17,000	15,380	15,000	13,000	n.a	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Oil seeds and legumes									
Lentils									
Production (Kg)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Mustards							
Production (Kg)	401,000	325,380	107,000	157,000	n.a		
Production (Nu.)	n.a	n.a	n.a	n.a	n.a		
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a		
Beans							
Production (Kg)	165,000	258,660	141,779	116,000	n.a		
Production (Nu.)	n.a	n.a	n.a	n.a	n.a		
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a		

Source: Agriculture Sector, Chhukha Dzongkhag

Table 56. Agriculture Infrastructures and Other Facilities , Chhukha, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Irrigation for agriculture					
Number of irrigation channels	53	57	60	60	61
Functional	45	49	52	51	53
Non-Functional	8.0	8.0	8.0	9.0	8.0
Total length of channels (Km)	108	114	117	141	147
Area covered by irrigation	1,238	1,325	1,366	1,549	1,563
Number of households benefitted	1,167	1,211	1,241	1,423	1,465
Number of food processing units	n.a	n.a	n.a	n.a	n.a
Number of agriculture mills ¹	31	95	n.a	n.a	n.a
Number of livestock product	0	0	0	0	1
Number of farmer association/groups	0	0	1	1	1
Agriculture	0	0	1	1	1
Livestock	0	0	0	0	0
Forestry	0	0	0	0	0
Number of power tillers	26	36	46	46	46

Note: ¹Including two traditional mills

Source: Agriculture Sector, Chhukha Dzongkhag

Table 57: Livestock Population by Types, Chhukha, (2007~2011)

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle					
Local breed	26,098	31,349	19,927	n.a	22,533
Male	22,212	27,497	15,187	n.a	19,610
Female	7,001	8,006	6,011	n.a	11,002
Improved breed	15,211	19,491	9,176	n.a	8,608
Male	3,886	3,852	4,140	n.a	2,923
Female	1,284	1,004	976	n.a	1,180
Mithun	2,602	2,848	3,164	n.a	1,743
Buffallo	5,257	6,577	1,609	2,732	2,371
Male	59	28	15	8	12
Female	31	n.a	2	0	10
Horse	28	n.a	13	8	2
Local breed	465	480	453	602	497
Improved breed	460	461	437	553	452
Yak	5	19	16	49	45
Male	N.A	N.A	N.A	N.A	N.A
Female	N.A	N.A	N.A	N.A	N.A
Sheep	N.A	N.A	N.A	N.A	N.A
Local breed	1,327	987	921	1,011	832
Improved breed	440	361	305	1,011	832
Pig	887	626	616	0	0
Local breed	4,568	5,967	2,945	2,114	2,035
Improved breed	3,734	3,810	1,971	1,655	1,523
Poultry	834	2,157	974	459	512
Local breed	14,641	18,046	24,134	19,214	23,725
Improved breed	13,484	16,043	17,787	13,538	11,287
Goat	1,157	2,003	6,347	5,676	12,438
Male	8,637	9,800	6,952	6,890	6,378

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Chhukha Dzongkhag

Table 58: Livestock Productions, Chhukha, (2007~2011)

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	1,995,740	1,949,866	1,706,322	1,873,306	1,726,757
Price per liter (Nu.)					30
Butter (Kg)	204,960	187,959	92,349	87,401	59,580
Price per Kg (Nu.)					300
Fresh Cheese (Kg)	708,590	934,916	198,653	144,635	113,482
Price per Kg (Nu.)					
Processed cheese (kg)	n.a	n.a	n.a	n.a	n.a
Price per Kg (Nu.)					
Eggs (dozen)	45,672	42,866	83,522	130,731	77,091
Price per piece (Nu.)					10
Fish (Kg)	150	-	227	1,996	1,623
Price per Kg (Nu.)					
Beef (Kg)	111,600	106,798	16,422	29,857	5,245
Price per Kg (Nu.)					
Pork (Kg)	76,310	85,211	43,687	56,068	43,163
Price per Kg (Nu.)					
Yak Meat (Kg)	N.A	N.A	N.A	N.A	N.A
Price per Kg (Nu.)					
Mutton (Kg)	41,960	39,191	14,469	14,818	6,114
Price per Kg (Nu.)					200
Honey (Liters)	n.a	n.a	n.a	n.a	n.a
Price per liter (Nu.)					
Chicken (Kg)	413,320	59,313	71,198	84,323	85,673
Price per Kg (Nu.)					

Source: Livestock Sector, Chhukha Dzongkhag

Table 59. Forestry Productions, Chhukha, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Wood Forest Product ¹					
Log Form (Cft)	1,768	909	1,225	n.a	n.a
Price per Cft(Nu.)	n.a	n.a	n.a	n.a	n.a
Fire wood (Cubic metres)	285	630	685	n.a	n.a
Price per Cubic metre(Nu.)	22	9	-	n.a	n.a
Flag Poles (Number of trees)	5,731	2,916	3,002	n.a	n.a
Price per tree(Nu.)	2,066	2,635	2,335	n.a	n.a
Shinglap (Number of trees)	n.a	n.a	n.a	n.a	n.a
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Cham (Number of trees)	n.a	n.a	n.a	n.a	n.a
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Tsim (Number of trees)	n.a	n.a	n.a	n.a	n.a
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Non-Wood Forest Product ²					
Mushroom (Kg)	N.A	N.A	N.A	N.A	N.A
Price per Kg (Nu.)	N.A	N.A	N.A	N.A	N.A
Mushroom (Nu.)	n.a	n.a	n.a	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Medicinal and Aromatic plants (Kg)	n.a	n.a	n.a	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Cordyceps (Kg)	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Sand (Truck load)	n.a	n.a	n.a	n.a	n.a
Price per cft(Nu.)	n.a	n.a	n.a	n.a	n.a
Stones (Truck load)	n.a	n.a	n.a	n.a	n.a
Price per cft(Nu.)	n.a	n.a	n.a	n.a	n.a
Bamboo (Number)	n.a	n.a	n.a	n.a	n.a
Price per piece (Nu.)	n.a	n.a	n.a	n.a	n.a
Cane (Piece)	n.a	n.a	n.a	n.a	n.a
Price per piece (Nu.)	n.a	n.a	n.a	n.a	n.a
Lemon grass (liter)	n.a	n.a	n.a	n.a	n.a

Price per liter (Nu.)	n.a	n.a	n.a	n.a
Mining Sites (Number)	n.a	4	4	4
Quarry Sites	n.a	4	4	4
Municipal Waste Disposal Sites	3	3	3	3
Environmental Clearance Issued	n.a	19	31	44

Note: Cordyceps amount collected only for auction royalty charges.

Source: ¹Divisional Forest, ²Thromsingla National Park, Chhukha

Table 60. Electricity Generating Stations and Capacities, Chhukha, (2009 ~ 2011)

Stations	2009		2010		2011	
	Installed capacity (no.x MW)	Generating capacity (MU)	Installed capacity (no.x MW)	Generating capacity (MU)	Installed capacity (no.x MW)	Generating capacity (MU)
Chukha Hydro Power Project	4	84 1808.33	4	84 1869.73	4	84 1774.4
Thala Hydro Power Project Authority	6	170 4396.22	6	170 4726.76	6	170 4588.07
Diesel generation stations		N.A		N.A		N.A
Other diesel stations		N.A		N.A		N.A

Source: Department of Energy, MoEA, Chhukha

Table 61. Number of Households by Area, Chhukha, (2009 ~ 2012)

Details	2009	2010	2011	2012
Total number of household in Urban	6792	6792	6792	6792
Total number of household in Rural	7690	7690	7690	7690

Source: PHCB, 2005

Table 62. Number of Building Permits issued by Towns, Chhukha, (2009 ~ 2012)

new buildings	2009	2010	2011	2012
Tshimakoti	n.a	n.a	n.a	0
Tshimalakha	n.a	n.a	n.a	0
Chukha	n.a	n.a	n.a	0
Gedu	n.a	n.a	n.a	n.a
Phuntsholing	n.a	n.a	n.a	n.a

Source: Dzongkhag Municipal, Chhukha Dzongkhag

Table 63. Number of Establishment by Type and Size, Chhukha, (2009 ~ 2012)

Details	2009	2010	2011	2012
Industries by type (Number)				
Agro based	47	50	50	25
Forestry based	49	51	54	34
Mineral based	27	29	31	21
Others	92	94	257	74
Industries by scale (Number)				
Large	40	42	45	38
Medium	40	43	43	35
Small	71	73	111	282
Cottage	64	66	193	1372
Contract firms (Number)				
Large	42	42	42	11
Medium	19	19	20	23
Small	780	798	817	197

Source: Regional Trade Office, Phuntsholing

Table 64. Number of Wholesale, Retail Trade and Industrial Licenses Issued, Chhukha, (2007 ~ 2012)

Details	(Number)						
	2007	2008	2009	2010	2011	2012	
Trade and Industries							
Micro & retail trade licences issued	1,628	1,876	2,186	330	263	3089	
Micro & retail trade licences in operation	983	1,161	1,443	311	263	2126	
Wholesale trade licences issued	80	93	107	5	20	149	
Wholesale trade licences in operation	58	65	79	5	20	111	
Services licences issued	2,164	2,311	2,478	255	156	2978	
Services licences in operation	1,009	1,122	1,272	246	156	1572	
Manufacturing licences issued	199	215	224	37	12	262	
Manufacturing licences in operation	109	122	131	35	12	155	

Source: Regional Trade Office, Phuntsholing

Table 65. Number of Public Transport and Facilities, Chhukha, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Public Service Transport					(Number)
Bus	8	8	8	n.a	n.a
Taxi	569	656	n.a	n.a	1,343
Motor vehicle registration					
Heavy	n.a	n.a	n.a	n.a	4,684
Medium	n.a	n.a	n.a	n.a	830
Small	n.a	n.a	n.a	n.a	11,482
Two wheeler	n.a	n.a	n.a	n.a	3,044
Auto Mobile workshop ³	1	3	2	6	5
Bus stations	1	1	1	1	1

Source: RSTA Regional Office, Chhukha

Table 66: Number of Roads and Bridges, Chhukha, (2007~2011)

Details	2007	2008	2009	2010	2011
Roads (Length in Km)					
Farm roads ¹	31	25	75	137.46	178.26
Feeder roads ²	42	42	22	22	22
Forest roads ¹	32	32	n.a	n.a	n.a
Highways/Dzongkhag roads	230	230	n.a	n.a	n.a
Bridges (Number)					
Suspension bridge ¹	18	19	19	19	19
Suspended ¹	5	5	5	5	5
Bailey bridges ²	0	0	0	0	0
Traditional bridges ¹	0	0	0	0	0

Source: ¹ Dzongkhag Engineering Section, ² Department of Roads, Chhukha

Table 67. Telecommunications, Chhukha, (2007 ~ 2012)

Telecommunications	(Number)					
	2007	2008	2009	2010	2011	2012
Households with fixed telephone connections	n.a	n.a	n.a	n.a	n.a	n.a
Tashi cell users	n.a	n.a	n.a	n.a	n.a	n.a
B.mobile users	n.a	n.a	n.a	n.a	n.a	n.a
Community information centres	n.a	n.a	n.a	n.a	n.a	n.a
Gewogs accessible to mobile services	n.a	n.a	n.a	n.a	n.a	n.a
Households with internet access	n.a	n.a	n.a	n.a	n.a	n.a
Bhutan post office	n.a	n.a	n.a	n.a	n.a	n.a

Source: Gewog Administration Office & Regional Office, Chhukha Dzongkhag.

Table 68. Number of Establishment in Banking and Finance, Chhukha, (2009 ~ 2012)

Number of establishments	(number)			
	2009	2010	2011	2012
RICBL	1	1	1	1
BIL	0	1	1	1
BDBL	2	2	2	2
BNBL	1	1	1	1
DPNBL	0	1	1	1
T-Bank	0	1	1	1
BOBL	3	3	3	3
ATM Machine	n.a	n.a	n.a	n.a

Source: Financial Institutions, Chhukha Dzongkhag

Table 69. Number of account holders in Banks, Chhukha, (2010 & 2011)

Number of facilities	Number of account holders (2010)				Number of account holders (2011)			
	saving curr		recurring deposit		saving curr		recurring deposit	
	Loan	ent	fixed deposit	deposit	Loan	ent	fixed deposit	deposit
RICBL	1199	N.A	N.A	N.A	911	n.a	n.a	n.a
BIL	20	N.A	N.A	N.A	n.a	N.A	N.A	N.A
BDBL	1220	1805	21	49	1275	2322	17	61
BNBL	2255	10648	1309	1232	n.a	11540	1379	1154
DPNBL	833	17327	568	519	n.a	n.a	n.a	n.a
T-Bank	413	1558	76	115	488	1993	101	111
BOBL	1880	14227	2232	4472*	1792	14947	2231	1973*

Source: Financial Institutions, Chhukha Dzongkhag

Table 70. Number of Administrative Units, Chhukha, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Drungkhags	1	1	1	1	1	1
Gewogs	11	11	11	11	11	11
Chiwogs	127	127	127	127	58	58
Villages	169	169	169	169	169	169
Households						
Towns	6	6	6	6	6	6
Number of Police stations	3	3	3	3	3	3

Source: Dzongkhag Administration, Chhukha Dzongkhag

Table 71. Recreation, Tourist Visitors and Accommodation, Chhukha, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Number of children park	n.a	n.a	n.a	n.a	n.a	n.a
Number of hotels	n.a	n.a	n.a	n.a	n.a	n.a
Number of restaurants	n.a	n.a	n.a	n.a	n.a	n.a
Number of drayangs	n.a	n.a	n.a	n.a	n.a	n.a
Number of discotheques	n.a	n.a	n.a	n.a	n.a	n.a
Number of foreign tourist visitors	n.a	n.a	n.a	n.a	n.a	n.a

Source: Regional Office, MoEA, Chhukha Dzongkhag



**Annual Dzongkhag Statistics
2012**



**Dzongkhag Administration
DAGA**

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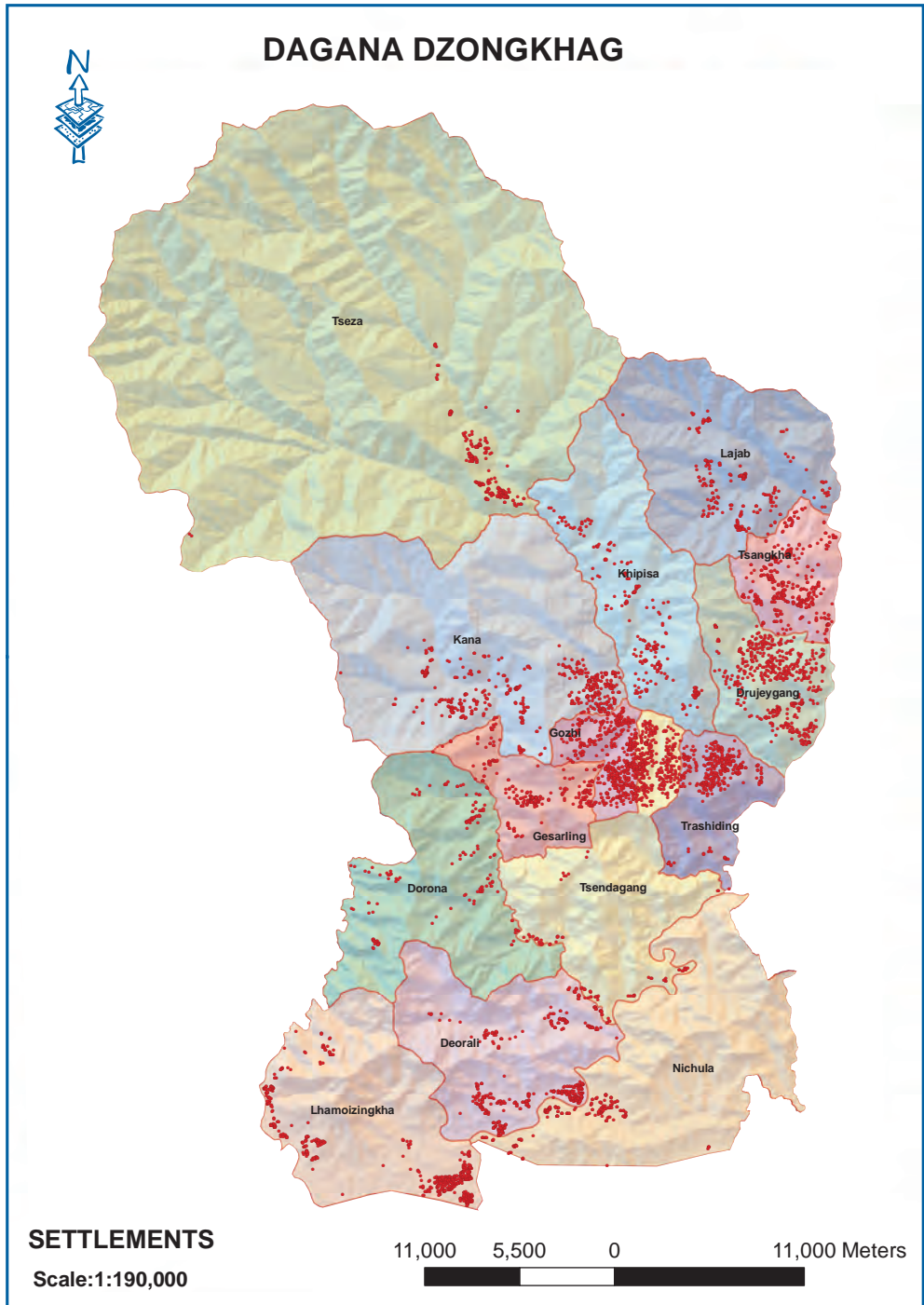
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Preface

The Annual Dzongkhag Statistics of Dagana is the third in the series of publications. It attempts to provide comprehensive statistics of Dagana Dzongkhag and will be published annually.

The report contains statistics on demographic and socio-economic, environment, culture, local governance and infrastructures of the Dzongkhag. The statistical data for this publication are collected and compiled from various sectors and through primary sources.

We hope that this report will serve as a source of information and guiding tool for micro-level planning and decision-making in the Dzongkhag. Statistics office, Dagana would like to thank and acknowledge the support and co-operation of all sector heads concerned for providing timely information for this report. Without their support, this publication would not have been possible. Through this initiative, we also hope that the maintenance of sectoral information and updation in the Dzongkhag will become more systematic and efficient henceforth.

Since this report is the third publication and with information source being from numerous sectors, we expect there may be certain deficiencies in terms of coverage and updation. However, there will be continuous efforts made to improve its coverage and quality in our future publications. Your comments and suggestions in this regard will be highly appreciated.

**Dzongkhag Statistics Unit
Dagana**

Background

Dagana Dzongkhag is located in the southern part of the country. It covers an area of 1389 Sq.Km, with an elevation ranging from 600 to 3800 meters above the sea level. About 83 percent of the Dzongkhag is under forest cover. It has a total projected population of 26,060, out of which 13,119 are male and 12,941 are female as of 2012. Dagana is bordered by Thimphu and Chukha Dzongkhag in the West, Wangdue Dzongkhagin the north, Tsirang Dzongkhag in the East and the Indian State of West Bengal in the South. The Dzongkhag falls within the temperate and sub-tropical zone with hot and wet summer and dry cold winter.

The Dzongkhag has one Dungkhag, that is, Lhamoizingkha and 14 Gewogs viz. Deorali, Lhamoizingkha, Nichula, Dorona, Drujegang, Gesarling, Goshi, Kana, Khebisa, Lajab, Tashiding, Tsendagang, Tsangkha and Tseza. The Dzongkhag has two constituencies viz. Drujeygang-Tseza Constituency and Lhamoizingkha-Tashiding Constituency. Most settlements are remote and do not have road connectivity. This combined with the rugged terrain makes the delivery of services difficult and costly. The Dzongkhag has 9 BHUs, 23 Schools supplemented by Extended Class Rooms and Out Reach Clinics. Agriculture farming is the main source of income of the Dzongkhag. The climatic conditions are favorable for growing different types of crops such as paddy, maize, millet, mandarin, cardamom, banana, passion fruit, pear, avocado, and vegetables such as broccoli, cauliflower, cabbage, potato, chilies, and tomatoes. Dagana is a historically significant Dzongkhag in that it served as the seat of Daga Penlop and later as Daga Dzongpon for many years. It has many secret sites and monuments such as Daga Tashi Yangtshi, Do Namkhai Kaw, Do Kelpai Goenthey and Tha Namkhai Dzong, Do Phamai Nye, Do Dungchen Menchu, Do Dungkar and Wachen Nye.

Abbreviations

%: Percent	HSS: Higher Secondary School
< : Less than	Inst: Institute
> : Greater than	Kg: Kilogram
AIDS: Acquired Immune Deficiency Syndrome	LFS: Labor Force Survey
Avg: Average	LSS: Lower Secondary School
BHU: Basic Health Unit	Max: Maximum
BLSS: Bhutan Living Standard Survey	Min: Minimum
Cft: Cubic Feet	MSS: Middle Secondary School
CPS: Community Primary school	n.a: Not Available
DPTH: Diphtheria Parthuisis Tetanus Hepatitis B	N.A: Not Applicable
DYT: Dzongkhag Yargye Tsogdue	NFE: Non Formal Education
FYP: Five Year Plan	Nu: Ngultrum
GDP: Gross Domestic Product	ORC: Outreach Clinic
GIS: (Infrastructure mapping): Geographical Infrastructure System	PAR: Poverty Analysis Report
Gm: Gram	PHCB: Population and Housing Census of Bhutan
GYT: Gewog Yargye Tshogchung	PP: Pre Primary
HIV: Human Immune Virus	PS: Primary School
Hr: Hour	Pvt: Private
	Qty: Quantity
	Sq. Km: Square Kilometer
	SYB: Statistical Yearbook
	TV: Television

Table 1. Population by Age-Group and Sex, Dagana, (2010~ 2012)

Age-group	2010	2011	2012
Total			
0-4	3,111	3,105	3,093
5-9	2,252	2,421	2,590
10-14	2,455	2,398	2,351
15-19	2,597	2,585	2,562
20-24	2,506	2,534	2,560
25-29	2,334	2,374	2,411
30-34	2,061	2,124	2,181
35-39	1,695	1,762	1,835
40-44	1,415	1,465	1,515
45-49	1,137	1,183	1,234
50-54	932	963	995
55-59	756	780	807
60-64	604	622	641
65+	1,215	1,249	1,285
Male			
0-4	1,513	1,511	1,505
5-9	1,093	1,176	1,260
10-14	1,199	1,170	1,146
15-19	1,278	1,270	1,256
20-24	1,255	1,263	1,271
25-29	1,207	1,221	1,232
30-34	1,081	1,111	1,139
35-39	899	933	969
40-44	750	778	805
45-49	593	619	648
50-54	482	498	515
55-59	388	401	414
60-64	307	316	326
65+	599	615	632
Female			
0-4	1,598	1,595	1,588
5-9	1,159	1,245	1,330
10-14	1,255	1,228	1,205
15-19	1,319	1,315	1,306
20-24	1,251	1,271	1,289
25-29	1,127	1,153	1,179
30-34	981	1,013	1,042
35-39	796	829	865
40-44	665	687	710
45-49	544	564	586
50-54	450	465	480
55-59	368	380	392
60-64	297	306	315
65+	617	634	653

Note: Figures for the year 2006 onwards are based on the projected population

Source: Population & Housing Census of Bhutan, 2005

Table 2. Population, Density and Sex Ratio, Dagana, (2010 ~ 2012)

Details	2010	2011	2012
Population (Number)	25,070	25,565	26,060
Population density (Persons per Sq. Km)	18	18	19
Population sex ratio	102	102	101

Source: Dzongkhag Population Projection 2006-2015

Table 3. Total Number of Live Births, Deaths, Marriages and Divorces, Dagana, (2010 ~ 2011)

Age-group	2010	2011
Live births	n.a	n.a
Male	n.a	n.a
Female	n.a	n.a
Total deaths*	92	148
Male	n.a	n.a
Female	n.a	n.a
Infant deaths	6	3
Male	n.a	n.a
Female	n.a	n.a
Marriages certificate issued	n.a	n.a
Number of divorces	n.a	n.a

Source: Dzongkhag Health Sector & Court, Dagana Dzongkhag

Table 4. Adolescent Birth rate and Total fertility rate, Dagana, (2010)

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	124
Total fertility rate	3

Source: BMIS, 2010

Table 5. Early Childbearing, Dagana, (2010)

Percentage of women age 15-19 who have had livebirth or who are pregnant with the first child; percentage of women age 15-19 who have begun childbearing before age 15, and the percentage of women age 20~24 who have had a live birth before age 18.

Details	2010
% of women age 15~19	21
Have had a live birth	0
Are pregnant with first child	20.9
Have begun childbearing	1.6
Have had a live birth before 15	76
Number of women age 15~19	24.1
% of women age 20~24 who have had a live birth before age 18	88
Number of women age 20~24	

Source: BMIS, 2010

Table 6. Use of Contraception, Dagana, (2010)

Details	2010
Not using any method	23
Percent of women (currently married or inunion) who are using	
Female sterilization	3
Male sterilization	21
IUD	1.6
Injectables	33.6
Implants	0
Oral contraceptive Pill	11.5
Male condom	6.4
Female condom	0
Foam/ jelly	0
Lactational amenorrhoea method (LAM)	0
Periodic abstinence/ rhythm	0
Withdrawal	0.4
Other	0
Any modern method	76.6
Any traditional method	0.4
Any method	77
Number of women currently married or in union	396

Source: BMIS, 2010

Table 7. Antenatal Care Provider, Dagana, (2010)

Details	2010
Persons providing antenatal care	
Doctor	25.1
Nurse/ midwife	49.1
HA/ BHW	23.5
Assistant clinical officer (ACO)	0
Traditional birth attendant	0
Village health worker	0
Other/ missing	0
No antenatal care received	2.3
Total	100
At Least once by skilled personnel	97.7
Number of women who gave birth in the preceding 2 years	100

Source: BMIS, 2010

Table 8. Number of Antenatal Care Visits, Dagana, (2010)
 Percentage of Women Who had a Live Births During the Two Years Preceding the Survey by
 Number of Antenatal Care Visits by Any Provider.

Details	2010
Percent of women who had	
No antenatal care visits	2.3
1 Visits	4
2 Visits	5.3
3 Visits	16.9
4 or more visits	70.7
Missing/ DK	0.8
Total	100
Number of women who gave birth in the preceding 2 years	100

Source: BMIS, 2010

Table 9. Assistance During Delivery, Dagana, (2010)
 the Survey by Person Assisting, at Delivery and Percentage of Births Delivered by C-
 section.

Details	2010
Person assisting at delivery	
Doctor	17.6
Nurse / Midwife	34.5
HA/BHW	7.7
Asst. clinical officer (ACO)	0
Traditional birth attendant	0
Village health worker	0
Relative / friend	40.2
Other/missing	0

No attendant	0
Total	100
Any skilled personnel	59.8
Percent delivered by C-section	10.9
Number of women who gave birth in preceding two years	100

Source: BMIS, 2010

Table 10. Place of Delivery, Dagana, (2010)

Percent Distribution of Women age 15-49 With a Birth in Two Years Preceding the Survey by Place of Delivery.

Details	2010
Place of delivery	
Public sector health facility	56.1
Private sector health facility	0
Home	43.9
Other	0
Total	100
Delivered in health facility [1]	56.1
Number of women who gave birth in preceding two years	100

Source: BMIS, 2010

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Table 11. Health Infrastructures, Facilities and Personnel, Dagana, (2010 ~ 2011)

Details	2010	2011
Number of hospitals	1	1
Number of BHUs	9	9
BHU grade I	2	2
BHU grade II	7	7
Number of ORCs	29	29
Number of indigenous units	3	3
Number of doctors	2	2
Number of hospital/BHU beds	n.a	n.a
Persons per doctor	11,199	11,901
Persons per hospital bed	n.a	n.a
Total morbidity attendance	n.a	n.a
Health assistants	n.a	16
Basic health workers	n.a	10
Sister and nurses	n.a	12
Technicians	n.a	17
Indigenous dungtsho	1	1
Indigenous compounders/Menpas	3	3
Malaria workers	2	2
Village health workers	n.a	56
Number of children immunized	n.a	n.a
Polio	n.a	n.a
DPTH	824	829
Measles	443	421
BCG	284	290
Others	836	836

Source: Dzongkhag Health Sector, Dagana Dzongkhag

Note: Others includes OPV 1 and OPV 3

Table 12. Hospital Admission and Average Length of Stay, Dagana, (2010 ~ 2011)

Average admission	2010	2011
Hospital admission		
Total	593	763
Patient days		
Average days		
BHU admission		

Source: Dzongkhag Health Sector, Dagana Dzongkhag

Table 13. Number of Surgeries, Dagana, (2010 ~ 2011)

Details	2010	2011
Surgeries	n.a	n.a
Caesarian Section	n.a	n.a
General Abdominal	n.a	n.a
General Others	n.a	n.a
Orthopaedic extremities	n.a	n.a
Orthopaedic Others	n.a	n.a
Gynaecology	n.a	n.a
ENT	n.a	n.a
Eye	n.a	n.a

Source: Annual Health Bulletin, MoH

Table 14. Number of Dental Services, Dagana, (2010~ 2011)

Dental Services	2010	2011
Prophylaxis	71	79
Scaling	1	0
Fillings	363	582
Extractions	654	1064
Others	817	1032

Source: Dzongkhag Health Sector, Dagana Dzongkhag

Table 15: Number of Top Ten Morbidity, Dagana, (2010~ 2011)

Priority health problem/ Disease	2010	2011
Common cold	12,029	12,884
Skin infection	3,924	5,081
Other Musculo-skeletal disorder	3,414	4,035
Peptic Ulcer Syndrome	3,571	3,847
Other Disorder of Skin	3,172	3,738
Other Disorder of Digestive	2,645	3,074
Other Nervous including peripheral	2,672	2,563
Dirrhoea	2,880	2,700
Acute Pharyngitis/Tonsilitis	2,645	2,201
Conjunctivities	4,465	1,929

Source: Dzongkhag Health Sector, Dagana, Dzongkhag

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Table 16. Child Disability, Dagana, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	1.2
Difficulty seeing, either in the daytime or at night	0.9
Appears to have difficulty hearing	1.6
No understanding of instructions	3.2
Difficulty in walking moving, moving arms, weakness or stiffness	2.3
Have fits, become rigid, lose consciousness	2.1
Not learning to do things like other children his/her age	1.9
No speaking cannot be understood in words	2.4
Appears mentally backward, dull, or slow	1.7
Speech is not normal	21.2
Number of children aged 3-9 years	367
Cannot name at least one object	23.3
Number of children aged 2 years	46
Percentage of children 2-9 years of age with at least one reported disability*	31.7
Number of children aged 2-9 years	413

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Dagana, (2010)

Percentage of children under age 5 by nutritional status according to three anthropometric indices: weight for age, height for age, and weight for height.

Nutritional Status	2010
Weight for age: % below -2 sd [1]	12.4
Weight for age: % below -3 sd [2]	2.1
Weight for age: Mean Z-Score (SD)	-0.8
Weight for age: Number of children	231
Height for age: % below -2 sd [3]	29
Height for age: % below -3 sd [4]	10.3
Height for age: Mean Z-Score (SD)	-1.2
Height for age: Number of children	225
Weight for height: % below -2 sd [5]	5.5
Weight for height: % below -3 sd [6]	1.7
Weight for height: % above +2 sd	5.1
Weight for height: Mean Z-Score (SD)	-0.1
Weight for height: Number of children	227

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Dagana, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey Who Were Ever Breastfed, Percentage Who Were Breastfed Within One Hour of Birth and Within One Day of Birth, and Percentage Who Received a Prelacteal Feed.

Initial Breastfeeding	2010
Percentage ever breastfed	99.3
Percentage who were first breastfed: Within one hour of birth	43.9
Percentage who were first breastfed: Within one day of birth	91.2
Percentage who received a prelacteal feed	8.4
Number of last-born children in the two years preceding the survey	100

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Dagana, (2010)

Median duration of any breastfeeding, exclusive breastfeeding, and predominant breastfeeding among children age 0-35 months.

Duration of Breastfeeding	2010
Median duration (in months) of Any breastfeeding	29.8
Exclusive breastfeeding	0.9
Predominant breastfeeding	4.9
Number of children age 0-35 months	152

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Dagana, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey That are Estimated to Have Weighed Below 2500 Grams at Birth and Percentage of Live Births Weighed at Birth.

Low Birth Weight Infants	2010
Percent of live births Below 2500 grams	8.4
Weighed at birth	62.6
Number of live births in the last 2 years	100

Source: BMIS, 2010

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Table 21. Neonatal Tetanus Protection, Dagana, (2010)

Percentage of women age 15-49 years with a live birth in the last 2 years protected against neonatal tetanus.

Neonatal Tetanus Protection	2010
Percentage of Women Who Received at Least 2 Doses During	40.7
Percentage of women who did not receive two or more doses during last pregnancy but received	
2 doses, the last within prior 3 years	18.6
3 doses, the last within prior 5 years	0
4 doses, the last within prior 10 years	0
5 or more doses during lifetime	0
Protected against tetanus [1]	59.2
Number of women with a live birth in the last 2 years	100

Source: BMIS, 2010

Table 22. Solid Fuel Use, Dagana, (2010)

Percentage Distribution of Household Members According to Type of Cooking Fuel Used by the Household, and Percentage of Household Members Living in Households Using Solid Fuels for Cooking.

Solid Fuel Use	2010
Percentage of household members in households using:	
Electricity	10.6
Liquefied Petroleum Gas (LPG)	11.1
Kerosene	0.1
Coal	0.1
Wood	77.8
Straw/Shrubs/Grass	0.2
No food cooked in household	0
Other	0
Total	100
Solid fuels for cooking	78.2
Number of household members	2541

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Dagana, (2010)

Percent distribution of household population according to main source of drinking water and percentage of household population using improved drinking water sources.

Water Sources	2010
Main source of drinking water	
Improved sources	
Piped into dwelling	6
Piped into compound	74.3
Piped to neighbor	4.3
Public outdoor tap	7.1
Protected well	0.4
Spring	2
Rainwater collection	0
Bottled water	0
Unimproved sources	
Unprotected well	0.4
Unprotected spring	0.8
Tanker-truck	0
Cart with samll tank/drum	0
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	4.4
Other	0.4
Total	100
Percentage using improved sources of drinking water	94.1
Number of household members	2541

Source: BMIS, 2010

Table 24. Household Water Treatment, Dagana, (2010)

Percentage of Household Population by Drinking Water Treatment Method Used in the Household, and for Household Members Living in Households Where an Unimproved Drinking Water Source is Used, the Percentage Who are Using an Appropriate Treatment Method

Water Treatment	2010
Water treatment method used in the household	
None	9.7
Boil	89.2
Add bleach / chlorine	0
Strain through a cloth	0
Use water filter	12.6
Solar disinfection	0
Let it stand and settle	2.4
Other	0
Don't know	0
Number of household members	2541
Percentage of household members in households using	85.7
Number of household members in households using unimproved	150

Source: BMIS, 2010

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Table 25. Time to Source of Drinking Water, Dagana, (2010)

Percent Distribution of Household Population According to Time to go to Source of Drinking Water, Get Water and Return, for Users of Improved and Unimproved Drinking Water Sources

Time to Source of Drinking Water	2010
Users of improved drinking water sources	
Water on premises	87.8
Less than 30 minutes	6
30 minutes or more	0.3
Missing/DK	0
Users of unimproved drinking water sources	
Water on premises	0.3
Less than 30 minutes	2.8
30 minutes or more	2.5
Missing/DK	0
Total	100
Number of household members	2541

Source: BMIS, 2010

Table 26. Types of Sanitation Facilities, Dagana, (2010)

Percent Distribution of Household Population According to Type of Toilet Facility Used by the Household

Time to Source of Drinking Water	2010
Type of toilet facility used by household	
Improved sanitation facility	
Flush toilet	2.8
Flush to septic tank(Without soak pit)	14.7
Flush to pit (latrine)	0.9
Flush to unknown place/not sure/DK where	0
Flush to septic tank (with soak pit)	11
Ventilated Improved Pit latrine (VIP)	0
Pit latrine with slab	11.7
Composing toilet	0
Unimproved sanitation facility	0.5
Flush to somewhere else	0.5
Pit latrine without slab /open pit	54.4
Long drop latrine	0.5
Bucket	0
Other	0
Missing	0
Open defecation (no facility, bush, field)	
No facility,bush, field	3.6
Total	100
Number of household members	2541

Source: BMIS, 2010

Table 27. Number of Schools, Institutions, Teachers and Students, Dagana, (2010 ~ 2012)

Details	2010											Total	
	Ops	PS	LSS	MSS	HSS	College	Pvt.	Other Inst.	NPE Centres	Daycare Centres			
Number of schools and institutions	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Teaching staff	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Bhutanese	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Non-Bhutanese	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Temporary teachers	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Number of students	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Student to teacher ratio	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
2011	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Number of schools and institutions	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Teaching staff	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Bhutanese	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Non-Bhutanese	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Temporary teachers	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Number of students	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Student to teacher ratio	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Table 28. School Enrolment by Grade and Sex, Dagana, (2010~2012)

Class	2010	2011	2012
Primary level			
Total	n.a	n.a	4,233
Class PP	n.a	n.a	574.0
Class I	n.a	n.a	581.0
Class II	n.a	n.a	697.0
Class III	n.a	n.a	758.0
Class IV	n.a	n.a	690.0
Class V	n.a	n.a	555.0
Class VI	n.a	n.a	378.0
Male	n.a	n.a	2,140
Class PP	n.a	n.a	294
Class I	n.a	n.a	298
Class II	n.a	n.a	366
Class III	n.a	n.a	395
Class IV	n.a	n.a	343
Class V	n.a	n.a	275
Class VI	n.a	n.a	169
Female	n.a	n.a	2,093
Class PP	n.a	n.a	280
Class I	n.a	n.a	283
Class II	n.a	n.a	331
Class III	n.a	n.a	363
Class IV	n.a	n.a	347
Class V	n.a	n.a	280
Class VI	n.a	n.a	209
Secondary level	n.a	n.a	n.a
Total	n.a	n.a	2,363
Class VII	n.a	n.a	675
Class VIII	n.a	n.a	632
Class IX	n.a	n.a	508
Class X	n.a	n.a	389
Class XI	n.a	n.a	94
Class XII	n.a	n.a	65
Male	n.a	n.a	1,166
Class VII	n.a	n.a	313
Class VIII	n.a	n.a	308
Class IX	n.a	n.a	256
Class X	n.a	n.a	204
Class XI	n.a	n.a	49
Class XII	n.a	n.a	36
Female	n.a	n.a	1,197
Class VII	n.a	n.a	362
Class VIII	n.a	n.a	324
Class IX	n.a	n.a	252
Class X	n.a	n.a	185
Class XI	n.a	n.a	45
Class XII	n.a	n.a	29

Source: Dzongkhag Education Sector, Dagana Dzongkhag

Table 29. Student by Age-Group, Sex and by Level, Dagana, (2010~2012)

Details	2010	2011	2012
Students in primary school level (Class PP-VI)	n.a	n.a	n.a
Total	n.a	n.a	n.a
Age < 6 years	n.a	n.a	n.a
Age 6-12 years	n.a	n.a	n.a
Age 13 & above	n.a	n.a	n.a
Male	n.a	n.a	n.a
Age < 6 years	n.a	n.a	n.a
Age 6-12 years	n.a	n.a	n.a
Age 13 & above	n.a	n.a	n.a
Female	n.a	n.a	n.a
Age < 6 years	n.a	n.a	n.a
Age 6-12 years	n.a	n.a	n.a
Age 13 & above	n.a	n.a	n.a
Student in LSS level (Class VII-VIII)	n.a	n.a	n.a
Total	n.a	n.a	n.a
Age < 13 years	n.a	n.a	n.a
Age 13-14 years	n.a	n.a	n.a
Age 15 & above	n.a	n.a	n.a
Male	n.a	n.a	n.a
Age < 13 years	n.a	n.a	n.a
Age 13-14 years	n.a	n.a	n.a
Age 15 & above	n.a	n.a	n.a
Female	n.a	n.a	n.a
Age < 13 years	n.a	n.a	n.a
Age 13-14 years	n.a	n.a	n.a
Age 15 & above	n.a	n.a	n.a
Students in MSS level (Class IX-X)	n.a	n.a	n.a
Total	n.a	n.a	n.a
Age < 15 years	n.a	n.a	n.a
Age 15-16 years	n.a	n.a	n.a
Age 17 & above	n.a	n.a	n.a
Male	n.a	n.a	n.a
Age < 15 years	n.a	n.a	n.a
Age 15-16 years	n.a	n.a	n.a
Age 17 & above	n.a	n.a	n.a
Female	n.a	n.a	n.a
Age < 15 years	n.a	n.a	n.a
Age 15-16 years	n.a	n.a	n.a
Age 17 & above	n.a	n.a	n.a
Students in HSS level (Class XI-XII)	n.a	n.a	n.a
Total	n.a	n.a	n.a
Age < 17 years	n.a	n.a	n.a
Age 17-18 years	n.a	n.a	n.a
Age 19 & above	n.a	n.a	n.a

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Male	n.a	n.a	n.a
Age < 17 years	n.a	n.a	n.a
Age 17-18 years	n.a	n.a	n.a
Age 19 & above	n.a	n.a	n.a
Female	n.a	n.a	n.a
Age < 17 years	n.a	n.a	n.a
Age 17-18 years	n.a	n.a	n.a
Age 19 & above	n.a	n.a	n.a

Source: Education Sector, Dagana Dzongkhag

Table 30. Literacy Among Young Women, Dagana, (2010)

Literacy Among Young Women	2010
Percentage literate	36.6
Percentage not known	0
Number of women age 15-24 years	164

Source: BMIS, 2010

Table 31. School Readiness, Dagana, (2010)

Percentage of children attending first grade of primary school who attended pre-school the previous year.

School Readiness	2010
Percentage of children attending first grade who attended preschool in previous year	0
Number of children attending first grade of primary school	80

Source: BMIS, 2010

Table 32. Primary School Entry, Dagana, (2010)

Percentage of Children of Primary School Entry Age Entering Grade 1 Primary School Entry	2010
Percentage of children of primary school entry age entering grade 1	71.2
Number of children of primary school entry age	56

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Dagana, (2010)

Percentage of children entering first grade of primary school who eventually reach the last grade of primary school (Survival rate to last grade of primary school)

Details	2010
Percent attending grade 1 last year who are in grade 2 this year	100
Percent attending grade 2 last year who are attending grade 3 this year	98
Percent attending grade 3 last year who are attending grade 4 this year	100
Percent attending grade 4 last year who are attending grade 5 this year	100
Percent attending grade 5 last year who are attending grade 6 this year	100
Percent who reach grade 6 of those who enter grade 0	98

Source: BMIS, 2010

Table 34. Education Gender Parity, Dagana, (2010)

Education gender parity Ratio of adjusted net attendance ratios of girls to boys, in primary and secondary school

Education Gender Parity	2010
Primary school adjusted net attendance ratio (NAR), girls	93.4
Primary school adjusted net attendance ratio (NAR), boys	93.6
Gender parity index (GPI) for primary school adjusted NAR	1
Secondary school adjusted net attendance ratio (NAR), girls	37.1
Secondary school adjusted net attendance ratio (NAR), boys	42.5
Gender parity index (GPI) for secondary school adjusted NAR	0.87

Source: BMIS, 2010

Table 35. Summary of Crime Reports by Nature of Crime, Dagana, (2010 ~ 2011)

Nature of Crime	(Incident)	
	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy	n.a	2
Homicide	n.a	6
Assault, battery and related offences	n.a	21
Kidnapping and related offences	n.a	0
Sexual offence	n.a	0
Offence against infant, child, mentally disabled and incompetent person	n.a	1
Arson and related offences	n.a	1
Burglary, trespass and related offences	n.a	2
Larceny, robbery, armed robbery and related offences	n.a	12
Money laundering and smuggling	n.a	0
Embezzlement and bribery	n.a	0
Forgery and related offences	n.a	1
Defamation and related offences	n.a	1
Treason, terrorism and related offences	n.a	0
Offences against cultural and national heritage	n.a	4
Offences against judicial authority	n.a	0
Prostitution and related offences	n.a	0
Offences against the public welfare	n.a	4
Offences related to public and civic duties	n.a	0
Offences related to public order and tranquillity	n.a	1
Offences against privacy	n.a	0
Computer offences	n.a	0
Offences related to firearms and weapons	n.a	1
Offences related to protected species, controlled and other harmful substances	n.a	1
Motor vehicle offences	n.a	1
Others	n.a	2
Total crimes	n.a	61

Source: Royal Bhutan Police, Dagana Dzongkhag

Table 36. Monthly Motor Vehicle Accidents, Dagana, (2010~ 2011)

(Incident)

Month	2010	2011
January	n.a	1
February	n.a	0
March	n.a	0
April	n.a	0
May	n.a	0
June	n.a	0
July	n.a	0
August	n.a	0
September	n.a	0
October	n.a	0
November	n.a	0
December	n.a	0
Total	n.a	1

Source: Royal Bhutan Police, Dagana Dzongkhag

Table 37. Causes of Motor Vehicle Accidents, Dagana, (2010~2011)

(Incident)

Details	2010	2011
Mechanical fault	n.a	0
Drunk driving	n.a	0
Bad weather	n.a	3
Without licence	n.a	0
Unknown causes	n.a	0
Other causes	n.a	3
All causes	n.a	

Source: Royal Bhutan Police, Dagana Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Dagana, (2010)

Details	2010
Percentage of women age 15-49 years who believe a husband is justified in beating his wife/partner	
If goes out without telling him	36.6
If she neglects the children	54.9
If she argues with him	43.8
If she refuses sex with him	33.2
If she burns the food	35.6
For any of these reasons	66.9
Number of women age 15-49 years	509

Source: BMIS, 2010

Table 39. Land Area and Damages Caused by Types, Dagana, (2010 ~ 2011)

Detials	2010	2011
Dzongkhag area (Sq. Km)	1,389	1,389
Total cultivated land (Acres) ¹	n.a	n.a
Damages caused by landslides ²		
Farmland (acres)	n.a	n.a
Houses (Number)	n.a	n.a
Roads (Km)	n.a	n.a
Damages caused by floods ²		
Farmland (acres)	n.a	n.a
Houses (Number)	n.a	n.a
Roads (Km)	n.a	n.a
Crops affected by drought (acres)	n.a	n.a
Crops damaged by wild animals (acres)	n.a	n.a
Incidence of earthquake (Number of cases reported) ²	n.a	n.a
Houses damaged by earthquakes (Number)	n.a	n.a
Number of forest fires ³	n.a	n.a
Acreage destroyed by forest fires	n.a	n.a
Acreage of reforestation ³	n.a	n.a
Houses/structures damaged by fires (Number) ³	n.a	n.a

Source: 1Agriculture Sector, 2Environment Sector, 3 Forest Sector, Dagana Dzongkhag

Table 40. Average Monthly Temperature (Degree Centigrade), Dagana, (2011)

Month/ Temperature	2011		
	(Degree Celsius)		
	Maximum	Minimum	Average
January	10.2	4.9	7.55
February	13.9	8.4	11.15
March	16.5	10.8	13.65
April	19.3	16.1	17.7
May	21.4	16.4	18.9
June	22.7	19.5	21.1
July	21	19.6	20.3
August	22.4	18.5	20.45
September	22.4	17.8	20.1
October	20.2	14.3	17.25
November	15.6	10.6	13.1
December	13.3	8.7	11
Annual	18.2	13.8	16

Source: SYB, NSB

Table 41. Average Monthly Rainfall, Dagana, (2011)

Month/ Monthly Rainfall	2011		
	Station		
	Dagana	Dz. Drujeygan	Sunkosh
January	8.8	9.4	6.1
February	23.6	17.5	10.5
March	26.5	34.1	50.5
April	28.9	30.3	64.4
May	77.7	59.5	40.8
June	321.1	184.4	229.4
July	301	184.4	229.4
August	301	316.8	265.6
September	253.5	216.9	178.2
October	269.8	322.6	243.4
November	11.2	11	21.6
December	12.1	32	15
Annual	2.5	0	0

Source: SYB, NSB

Table 42. Percentage of Forest Coverage, Number of Protected Spring and Lakes, Dagana, (2010)

Details	2010
Forest coverage (%) ²	n.a
Number of snow fall at Dzongkhag headquarter	0
Number of Protected spring water sources ¹	n.a
Number of Lakes ¹	n.a

Source: ¹Dzongkhag Forest Section, ²Tenth Plan Documents, GNHC

Table 43. Disposal of Childs Faeces, Dagana, (2010)

Percent distribution of children age 0-2 years according to place of disposal of child's faeces, and the percentage of children age 0-2 years whose stools

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	19.8
Put / Rinsed into toilet or latrine	37
Put / Rinsed into drain or ditch	28.7
Thrown into garbage (solid waste)	2
Buried	0
Left in the open	12.5
Other	0
Total	100
Percentage of children whose stools were disposed of safely	56.8
Number of children age 0-2 years	152

Source: BMIS 2010

Table 44. Parliamentary and Local Government Representatives, Dagana, (2008 & 2011)

Details	2008	2011
Local governance (Number)	n.a	n.a
Parliamentarians	3	3
Male	3	3
Female	0	0
Gups	14	14
Male	14	13
Female	0	1
Total gewog tshogpas ¹	n.a	70
Male	n.a	67
Female	n.a	3
Total Mangmis ¹	14	14
Male	14	14
Female	0	0
DYT members ²	29	29
Male	n.a	n.a
Female	n.a	n.a
GYT members ¹	n.a	98
Male	n.a	94
Female	n.a	4
Polling stations ²	42	70
Eligible voters (18 years and above) ²	n.a	23497
Male	n.a	12845
Female	n.a	10652
% of Voters turnout during election	n.a	n.a
Male	n.a	n.a
Female	n.a	n.a
Total election staff in Dzongkhag	3	4
Male	2	2
Female	1	2

Source: 1Gewog Administration, 2Election Sector, Dagana Dzongkhag.

Table 45. Parliamentary and Local Government Election Expenditures, Dagana, (2008 & 2011)

Details	Amount (Nu)
2008	n.a
Parliamentarians (Number)	n.a
National council	n.a
National assembly	n.a
2011	n.a
Local government	n.a
Gup	n.a
Mangmi	n.a
Tsogpa	n.a

Source: Election Office, Dagana Dzongkhag

Table 46. Royal Government Finances Expenditures at Dzonkhag Level, Dagana, (2010~2012)

Details	FY 2010-2011	FY 2011-2012	Total Expenditure 2008-2012
Sectors			
Adm & Management	7.0150	8.49	33.395
Agriculture	4.2760	9.60	19.394
Livestock	21.2730	9.98	37.925
Forestry	1.2110	0.64	4.002
Education	72.6740	89.00	219.106
Health	32.2200	11.80	65.274
Works & Human Settlement	4.3840	2.80	8
Religion & Culture	0.50571	5.70	18.820
Total	143.559	138.01	406.028

Source: Planning & Finance Section, Dagana Dzongkhag

Table 47. Dzongkhag 9th and 10th Five Year Plan Outlays, Dagana

Sectors	Ninth Five Year		Tenth Five Year	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	32.0
Agriculture	n.a	n.a	n.a	13.5
Livestock	n.a	n.a	n.a	21.0
Forestry	n.a	n.a	n.a	2.2
Education	n.a	n.a	n.a	483.6
Health	n.a	n.a	n.a	80.3
Urban development & housing	n.a	n.a	n.a	27.4
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a

Source: Dzongkhag Administration, Dagana

Table 48. Dzongkhag 9th and 10th Five Year Plan Expenditures, Dagana

Sectors	Ninth Five Year		Tenth Five Year	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan expenditure	n.a	n.a	n.a	n.a

Source: Dzongkhag Administration, Dagana Dzongkhag

Table 49. Gewog 9th and 10th Five Year Plan Outlays, Dagana
(In million Nu.)

Sectors	Ninth Five Year		Tenth Five Year	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a

Source: Planning Unit, Dagana Dzongkhag

Table 50. Gewog 9th and 10th Five Year Plan by Expenditures, Dagana

(In million Nu.)

Sectors	Ninth Five Year		Tenth Five Year	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads & bridges	n.a	n.a	n.a	n.a
Religion & cultural	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & Industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a

Source: Dzongkhag Administration, Dagana Dzongkhag

Table 51. Employed Persons by Age, Sex and Area of Residence, Dagana, (2010 ~ 2012)

Details	(Number)		
	2010	2011	2012
Total	n.a	n.a	7722
Male	n.a	n.a	2793
Female	n.a	n.a	4929
Rural Total	n.a	n.a	20957
Male	n.a	n.a	10137
Female	n.a	n.a	10820
Urban Total	n.a	n.a	3141
Male	n.a	n.a	1573
Female	n.a	n.a	1568

Source: Labour Force Survey, MoLHR

Table 52. Employment by Industries, Age Group and Sex, Dagana, (2012)

Details	2012
Total labour force (Number)	7,937
Total employed (%)	n.a
Male	n.a
Female	n.a
Unemployment rate	n.a
Total employed in Agriculture (%)	n.a
Male	15.0
Female	58.2
Total employed in Industries (%)	n.a
Male	n.a
Female	n.a
Total employed in Services (%)	n.a
Male	n.a
Female	n.a
Total unemployed by area (%)	n.a
Urban	n.a
Rural	n.a
Total un-employed by education (%)	n.a
Total unemployed grade XII and above	n.a
Total unemployed below grade XII	n.a
Total under employed (%)	n.a
Employed by age-group (%)	n.a
15-17 years	n.a
18-24 years	n.a
25-64 years	n.a
65 years and above	n.a
Unemployed by age-group (%)	n.a
15-17 years	n.a
18-24 years	n.a
25-64 years	n.a
65 years and above	n.a
Labor force participation rate (%)	n.a
Male participation rate	n.a
Female participation rate	n.a

Source: Labour Force Survey, MoLHR

Table 53. Child Labour, Dagana, (2010)

Percentage of Children by Involvement in Economic Activity and Household Chores During the Past Week, According to Age Groups, and Percentage of Children Age 5-14 Involved in Child Labour

Child labour	2010
Percentage of children age 5-11 involved in	n.a
Economic activity	n.a
Working outside household	n.a
Paid work	0
Unpaid work	0.6
Working for family business	34.8
Economic activity for at least one hour	35.2
Household chores less than 28 hours	41.8
Household chores for 28 hours or more	0.2
Child labour	35.2
Number of children age 5-11	383
Percentage of children age 12-14 involved in	n.a
Economic activity	n.a
Working outside household	n.a
Paid work	0.9
Unpaid work	1.8
Working for family business	58.9
Economic activity less than 14 hours	55.8
Economic activity for 14 hours or more	3.1
Household chores less than 28 hours	77.7
Household chores for 28 hours or more	0.3
Child labour	3.1
Number of children age 12-14	211
Total child labour [1]	23.8
Number of children age 5-14 years	593

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Dagana, (2010)

Percentage of children age 5-14 years involved in child labour who are attending school, and percentage of children age 5-14 years attending school who are involved in child labour

Child Labour and School Attendance	2010
Percentage of children involved in child labour	23.8
Percentage of children attending school	85.3
Number of children age 5-14 years	593
Percentage of child labourers who are attending school	91.1
Number of children age 5-14 years involved in child labour	141
Percentage of children attending school who are involved in child labour	25.4
Number of children age 5-14 years attending school	506

Source: BMIS, 2010

Table 55. Agriculture Production and Average Prices by COMmodities, Dagana, (2010 ~ 2011)

Details	2010	2011
Paddy	n.a	n.a
Area (Acres)	4465	n.a
Production (MT)	4085	n.a
Price per Kg(Nu.)	n.a	n.a
Maize	n.a	n.a
Area (Acres)	5600	n.a
Production (MT)	3208	n.a
Price per Kg(Nu.)	n.a	n.a
Wheat	n.a	n.a
Area (Acres)	29	n.a
Production (MT)	25	n.a
Price per Kg(Nu.)	n.a	n.a
Barley	n.a	n.a
Area (Acres)	45	n.a
Production (MT)	20	n.a
Price per Kg(Nu.)	n.a	n.a
Buckwheat	n.a	n.a
Area (Acres)	427	n.a
Production (MT)	174	n.a
Price per Kg(Nu.)	n.a	n.a
Millet	n.a	n.a
Area (Acres)	926	n.a
Production (MT)	442	n.a
Price per Kg(Nu.)	n.a	n.a
Fruits	n.a	n.a
Apples	n.a	n.a
Number of fruit bearing trees	n.a	n.a
Production (Kg)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Oranges/ Mandarin	n.a	n.a
Number of fruit bearing trees	227477	n.a
Production (Kg)	12484000	n.a
Price per Kg(Nu.)	n.a	n.a
Banana	n.a	n.a
Number of fruit bearing trees	18015000	n.a
Production (Kg)	303	n.a
Price per Dozen(Nu.)	n.a	n.a
Pear	n.a	n.a
Number of fruit bearing trees	1314	n.a

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Production (Kg)	137000	n.a
Price per Kg(Nu.)	n.a	n.a
Plum	n.a	n.a
Number of fruit bearing trees	413	n.a
Production (Kg)	27000	n.a
Price per Kg(Nu.)	n.a	n.a
Areca Nut	n.a	n.a
Production (Pon)	423 MT	n.a
Production (Nu.)	n.a	n.a
Price per 80 Piece/Pon(Nu.)	n.a	n.a
Vegetables and Spices	n.a	n.a
Potato	n.a	n.a
Production (kg)	181000	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Chili	n.a	n.a
Production (kg)	231000	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Onion	n.a	n.a
Production (kg)	9000	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Cabbage	n.a	n.a
Production (kg)	18000	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Cauliflower	n.a	n.a
Production (kg)	5000	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Asparagus	n.a	n.a
Production (Bundles)	1 MT	n.a
Production (Nu.)	n.a	n.a
Price per bunddle (Nu.)	n.a	n.a
Tomato	n.a	n.a
Production (Kg)	3000	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Carrot	n.a	n.a
Production (Kg)	2000	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Egg Plant (Brinjal)	n.a	n.a
Production (Kg)	5000	n.a

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Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Raddish	n.a	n.a
Production (Kg)	122000	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Ginger	n.a	n.a
Production (Kg)	24000	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Cardamom	n.a	n.a
Production (Kg)	n.a	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Garlic	n.a	n.a
Production (Kg)	n.a	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Oil seeds and legumes	n.a	n.a
Lentils	n.a	n.a
Production (Kg)	24000	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Mustards	n.a	n.a
Production (Kg)	95000	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Beans	n.a	n.a
Production (Kg)	39000	n.a
Production (Nu.)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a

Source: Agriculture Sector, Dagana Dzongkhag

Table 56. Agriculture Infrastructures and Other Facilities , Dagana, (2010 ~ 2011)

Details	2010	2011
Irrigation for agriculture	n.a	n.a
Number of irrigation channels	165	n.a
Functional	150	n.a
Non-Functional	15	n.a
Total length of channels (Km)	359.348	n.a
Area covered by irrigation	2056.22	n.a
Number of households benefitted	2299	n.a
Number of food processing units	1	1
Number of agriculture mills ¹	21	32
Number of livestock product	n.a	n.a
Number of farmer association/groups	n.a	n.a
Agriculture	1	2
Livestock	n.a	n.a
Forestry	n.a	n.a
Number of power tillers	25	25

Note: ¹Including two traditional mills

Source: Agriculture Sector, Dagana Dzongkhag

Table 57: Livestock Population by Types, Dagana, (2010~2011)

Details	2010	2011
Livestock (Number)	n.a	n.a
Cattle	n.a	n.a
Local breed	n.a	n.a
Male	6816	6667
Female	7704	7640
Improved breed	n.a	n.a
Male	1058	1073
Female	2505	2541
Mithun	1620	1441
Bufallo	n.a	n.a
Male	24	29
Female	66	54
Horse	n.a	n.a
Local breed	315	295
Improved breed	2	2
Yak	n.a	n.a
Male	0	n.a
Female	0	0
Sheep	n.a	0
Local breed	432	441
Improved breed	n.a	n.a

Pig	n.a	n.a
Local breed	1311	1368
Improved breed	716	552
Poultry	n.a	n.a
Local breed	17395	17239
Improved breed	12718	16918
Goat	5415	5647

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Dagana Dzongkhag

Table 58: Livestock Productions, Dagana, (2010-2011)

Details	2010	2011
Livestock products		
Fresh Milk (Liters)	1145110	1158124
Price per liter (Nu.)	25	30
Butter (Kg)	49400	50308
Price per Kg (Nu.)	250	300
Fresh Cheese (Kg)	0	0
Price per Kg (Nu.)	n.a	n.a
Processed cheese (kg)	96740	60776
Price per Kg (Nu.)	200	240
Eggs (dozen)	93106	174360
Price per piece (Nu.)	8	10
Fish (Kg)	750	2357
Price per Kg (Nu.)	120	130
Beef (Kg)	10470	4724
Price per Kg (Nu.)	120	120
Pork (Kg)	33120	25491
Price per Kg (Nu.)	150	160
Yak Meat (Kg)	n.a	n.a
Price per Kg (Nu.)	n.a	n.a
Mutton (Kg)	13540	10532
Price per Kg (Nu.)	200	250
Honey (Liters)	n.a	n.a
Price per liter (Nu.)	n.a	n.a
Chicken (Kg)	453100	41987
Price per Kg (Nu.)	160	170

Source: Livestock Sector, Dagana Dzongkhag

Table 59. Forestry Productions, Dagana, (2010 ~ 2011)

Details	2010	2011
Wood Forest Product ¹	n.a	n.a
Log Form (Cft)	n.a	1110.32
Price per Cft(Nu.)	n.a	n.a
Fire wood (Cubic metres)	n.a	1260
Price per Cubic metre(Nu.)	n.a	n.a
Flag Poles (Number of trees)	n.a	320
Price per tree(Nu.)	n.a	n.a
Shinglap (Number of trees)	n.a	Nil
Price per tree(Nu.)	n.a	n.a
Cham (Number of trees)	n.a	480
Price per tree(Nu.)	n.a	n.a
Tsim (Number of trees)	n.a	240
Price per tree(Nu.)	n.a	n.a
Non-Wood Forest Product ²	n.a	n.a
Mushroom (Kg)	n.a	n.a
Mushroom (Nu.)	n.a	n.a
Medicinal and Aromatic plants (Kg)	n.a	n.a
Price per Kg (Nu.)	n.a	n.a
Cordyceps (Kg)	n.a	n.a
Price per Kg(Nu.)	n.a	n.a
Sand (Truck load)	n.a	1405
Price per cft(Nu.)	n.a	n.a
Stones (Truck load)	n.a	3761
Price per cft(Nu.)	n.a	n.a
Bamboo (Number)	n.a	9053
Price per piece (Nu.)	n.a	n.a
Cane (Piece)** head load	n.a	8
Price per piece (Nu.)	n.a	n.a
Lemon grass (liter)	n.a	n.a
Price per liter (Nu.)	n.a	n.a
Mining Sites (Number)	n.a	0
Quarry Sites	n.a	3
Municipal Waste Disposal Sites	n.a	1
Environmental Clearance Issued	n.a	n.a

Source: Divisional Forest, Dagana

Table 60. Electricity Generating Stations and Capacities, Dagana, (2010 & 2011)

Stations	2010		2011	
	Installed capacity (no.x MW)	Generating capacity (MW)	Installed capacity (no.x MW)	Generating capacity (MW)
Diesel generation stations	n.a	n.a	n.a	n.a
Other diesel stations	n.a	n.a	n.a	n.a

Source: Department of Energy, MoEA, Dagana

Table 61. Number of Households by Area, Dagana, (2010~ 2012)

Details	2010	2011	2012
Total number of household in Urban			
Total number of household in Rural			

Sorce: BMIS, 2010

Table 62. Number of Building Permits issued by Towns, Dagana, (2010 ~ 2012)

new buildings	2010	2011	2012
Daga	n.a	n.a	n.a

Source: Dzongkhag Municipal, Dagana Dzongkhag

Table 63. Number of Establishment by Type and Size, Dagana, (2010 ~ 2011)

Details	2010	2011
Industries by type (Number)	n.a	n.a
Agro based	n.a	n.a
Forestry based	n.a	n.a
Mineral based	n.a	n.a
Others	n.a	n.a
Industries by scale (Number)	n.a	n.a
Large	n.a	n.a
Medium	n.a	n.a
Small	n.a	n.a
Cottage	n.a	n.a
Contract firms (Number)	n.a	n.a
Large	n.a	n.a
Medium	n.a	n.a
Small	n.a	n.a

Source: Regional Trade Office, Dagana

Table 64. Number of Wholesale, Retail Trade and Industrial Licenses Issued, Dagana, (2010 ~ 2011)

Details	2010	2011
Trade and Industries	n.a	n.a
Micro & retail trade licences issued	n.a	n.a
Micro & retail trade licences in operation	n.a	n.a
Wholesale trade licences issued	n.a	n.a
Wholesale trade licences in operation	n.a	n.a
Services licences issued	n.a	n.a
Services licences in operation	n.a	n.a
Manufacturing licenses issued	n.a	n.a
Manufacturing licenses in operation	n.a	n.a

Source: Regional Trade Office, Dagana

Table 65. Number of Public Transport and Facilities, Dagana, (2010 ~ 2011)

Details	(Number)	
	2010	2011
Public Service Transport	n.a	n.a
Bus	n.a	n.a
Taxi	n.a	n.a
Motor vehicle registration	n.a	n.a
Heavy	n.a	n.a
Medium	n.a	n.a
Small	n.a	n.a
Two wheeler	n.a	n.a
Auto Mobile workshop ³	n.a	n.a
Bus stations	4	4

Source: RSTA Regional Office, Dagana

Table 66: Number of Roads and Bridges, Dagana, (2010~2011)

Details	2010	2011
Roads (Length in Km)	n.a	n.a
Farm roads ¹	n.a	n.a
Feeder roads ²	n.a	n.a
Forest roads ¹	n.a	n.a
Highways/Dzongkhag roads	n.a	n.a
Bridges (Number)	n.a	n.a
Suspension bridge ¹	n.a	n.a
Suspended ¹	n.a	n.a
Bailey bridges ²	n.a	n.a
Traditional bridges ¹	n.a	n.a

Source: 1Dzongkhag Engineering Section, 2Department of Roads, Dagana

Table 67. Telecommunications, Dagana, (2010 ~ 2012)

Telecommunications	(Number)		
	2010	2011	2012
Households with fixed telephone connections	n.a	n.a	n.a
Tashi cell users	n.a	n.a	n.a
B.mobile users	n.a	n.a	n.a
Community information centres	n.a	n.a	n.a
Gewogs accessible to mobile services	14	14	14
Households with internet access	n.a	n.a	n.a
Bhutan post office	3	3	3

Source: Gewog Administration Office & Regional Office, Dagana Dzongkhag.

Table 68. Number of Establishment in Banking and Finance, Dagana, (2010 ~ 2012)

Number of establishments	(number)		
	2010	2011	2012
RICBL	1	1	1
BIL	0	0	0
BDBL	2	2	2
BNBL	0	0	0
DFNBL	0	0	0
T-Bank	0	0	0
BOBL	1	1	1
ATM Machine	0	0	0

Source: Financial Institutions, Dagana Dzongkhag

Table 69. Number of account holders in Banks, Dagana, (2010)

Number of facilities	Number of account holders (2010)				Number of account holders (2011)					
	Loan	savings	current	fixed deposit	recurring deposit	Loan	savings	current	fixed deposit	recurring deposit
RICBL	19	0	0	0	0	19	0	0	0	0
BIL	0	0	0	0	0	0	0	0	0	0
BDBL	786	998	1	56	31	985	1542	1	49	37
BNBL	0	0	0	0	0	0	0	0	0	0
DFNBL	0	0	0	0	0	0	0	0	0	0
T-Bank	0	0	0	0	0	0	0	0	0	0
BOBL	0	0	0	0	0	0	0	0	0	0

Source: Financial Institutions, Dagana Dzongkhag

Table 70. Number of Administrative Units, Dagana, (2010 ~ 2012)

Details	2010	2011	2012
Administration (Number)	n.a	n.a	n.a
Drungkhags	1	1	1
Gewogs	14	14	14
Chiwogs	70	70	70
Villages	n.a	n.a	n.a
Households	n.a	n.a	n.a
Towns	5	5	5
Number of Police stations	3	3	3

Source: Dzongkhag Administration, Dagana Dzongkhag

Table 71. Recreation, Tourist Visitors and Accommodation, Dagana, (2010 ~ 2012)

Details	2010	2011	2012
Number of children park	0	0	0
Number of hotels	n.a	n.a	n.a
Number of restaurants	n.a	n.a	n.a
Number of drayangs	0	0	0
Number of discotheques	0	0	n.a
Number of foreign tourist visitors	n.a	n.a	n.a

Source: Regional Office, MoEA, Dagana Dzongkhag



**Annual Dzongkhag Statistics
2012**



**Dzongkhag Administration
gASA**

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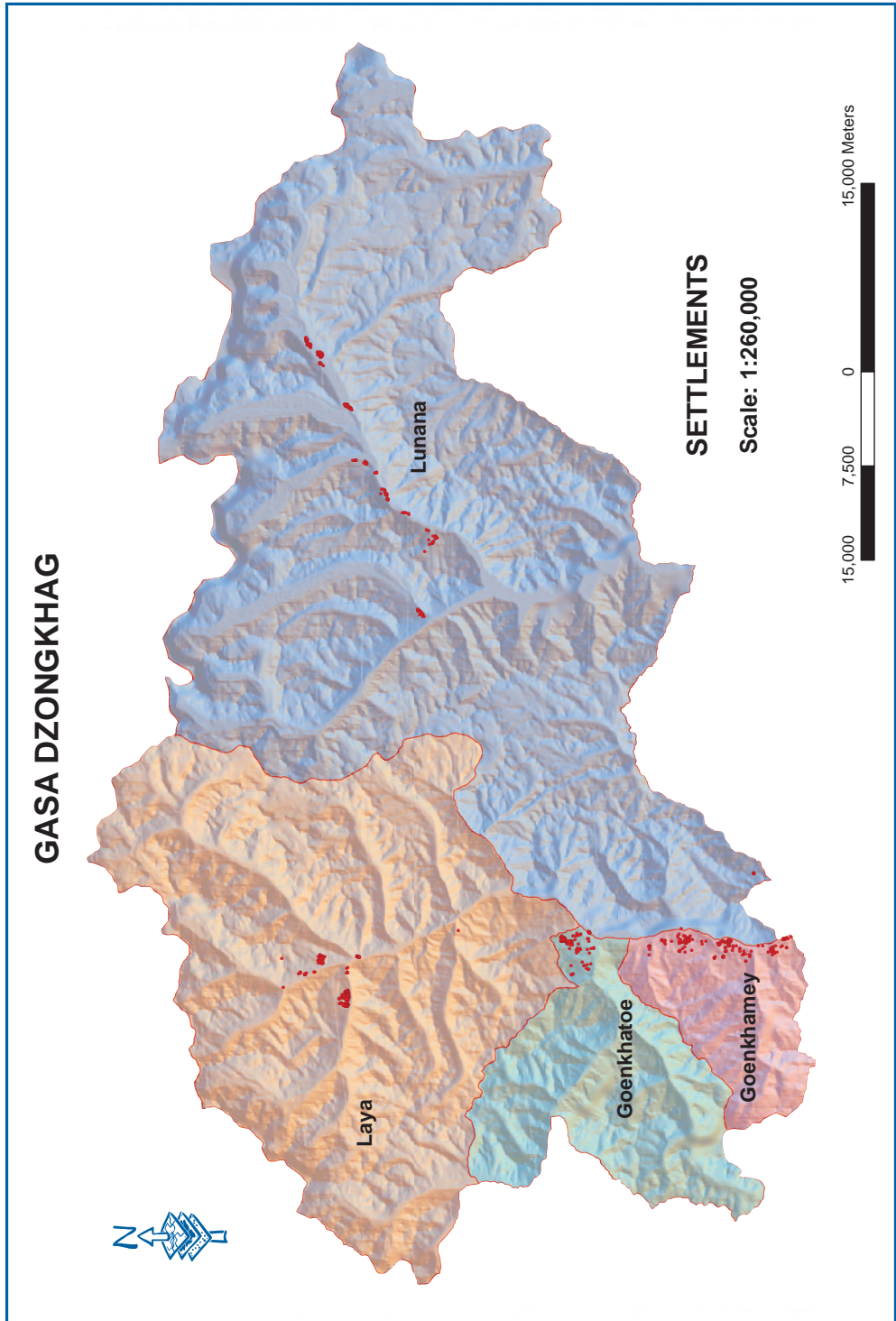
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Preface

The Annual Dzongkhag Statistics of Gasa is the third in the series of publications. It attempts to provide comprehensive statistics of Gasa Dzongkhag and will be published annually.

The report contains statistics on demographic and socio-economic, environment, culture, local governance and infrastructures of the Dzongkhag. The statistical data for this publication are collected and compiled from various sectors and through primary sources.

We hope that this report will serve as a source of information and guiding tool for micro-level planning and decision-making in the Dzongkhag. Statistics office, Gasa would like to thank and acknowledge the support and cooperation of all sector heads concerned for providing timely information for this report. Without their support, this publication would not have been possible. Through this initiative, we also hope that the maintenance of sectoral information and updation in the Dzongkhag will become more systematic and efficient henceforth.

Since this report is the second publication and with information source being from numerous sectors, we expect there may be certain deficiencies in terms of coverage and updation. However, there will be continuous efforts made to improve its coverage and quality in our future publications. Your comments and suggestions in this regard will be highly appreciated.

Dzongkhag Statistics Unit

Gasa

Background

Gasa Dzongkhag lies in the extreme northwest of the country. It is bordered by Punakha Dzongkhag towards southeast, Thimphu Dzongkhag in the southwest, Wangdue Phodrang Dzongkhag in the east and international boundary with Tibet Autonomous region of China. The Dzongkhag has an area of 3117.74 Sq Km, covering 11% of the total area of the whole country. The altitude ranges from 1500 to 4500 meters above sea level.

It experiences climate conditions ranging from temperate to alpine with extremely cold winters, and short and pleasant summers. During winters, upper Gasa, Laya and Lunana experience heavy snow fall which keep them snow bound as the mountain passes become inaccessible. It receives an average annual rainfall 2,000mm.

Initially, Gasa was a Dungkha under Punakha Dzongkhag. In 1992 during the seventh Five Year Plan, it was upgraded and established as a separate Dzongkhag. Currently, the Dzongkhag is administratively supported by four Gewog namely Goenkhatoe, Goenkhamae, Laya and Lunana. Lunana is the furthest and most remote Gewog amongst the four. Gasa has a total of 3116 (PHCB, 05) registered population.

The people of Gasa generally speak Dzongkha with a distinctive accent. People of Laya and Lunana Gewogs also speak their local dialect and have their own unique dress.

The whole Dzongkhag falls under the Jigme Dorji National Park and is the habitat for different species of birds and animals like the takin, musk deer, blue sheep, snow leopard, red pandas, raven, wild pheasants, snow pigeons, red billed cough, Himalayan black bear, tiger, black necked crane etc. The Dzongkhag has about 33% its land area under forest cover, out of which about 35% is scrubs forest, 27% under fir forest, 15% under mixed conifer forest, 4% under broad leafed forest and the rest as tsamdro.

Gasa hold significant and strategic records in the history of Bhutan due to its relations and connections with the visit of Lama Zhabdrung Ngawang Namgyel to Bhutan. Its relation as the patron and host to the unifier of Bhutan, Zhabdrung Ngawang Namgyel earns it a special place and accord in the socio-political history of Bhutan.

Abbreviations

%: Percent	HSS: Higher Secondary School
< : Less than	Inst: Institute
> : Greater than	Kg: Kilogram
AIDS: Acquired Immune Deficiency Syndrome	LFS: Labor Force Survey
Avg: Average	LSS: Lower Secondary School
BHU: Basic Health Unit	Max: Maximum
BLSS: Bhutan Living Standard Survey	Min: Minimum
Cft: Cubic Feet	MSS: Middle Secondary School
CPS: Community Primary school	n.a: Not Available
DPTH: Diphtheria Parthusis Tetanus Hepatitis B	N.A: Not Applicable
DYT: Dzongkhag Yargye Tsogdue	NFE: Non Formal Education
FYP: Five Year Plan	Nu: Ngultrum
GDP: Gross Domestic Product	ORC: Outreach Clinic
GIS: (Infrastructure mapping): Geographical Infrastructure System	PAR: Poverty Analysis Report
Gm: Gram	PHCB: Population and Housing Census of Bhutan
GYT: Gewog Yargye Tshogchung	PP: Pre Primary
HIV: Human Immune Virus	PS: Primary School
Hr: Hour	Pvt: Private
	Qty: Quantity
	Sq. Km: Square Kilometer
	SYB: Statistical Yearbook
	TV: Television

Table 1. Population by Age-Group and Sex, Gasa, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	3,116	3,172	3,227	3,290	3,357	3,396	3,462	3,525
0-4	325	336	358	379	401	422	420	418
5-9	357	329	321	315	310	306	327	349
10-14	337	355	350	345	339	333	324	318
15-19	284	349	352	353	354	353	350	346
20-24	328	328	331	335	337	341	343	346
25-29	294	294	300	306	312	317	321	326
30-34	244	245	253	263	272	280	288	296
35-39	192	204	210	217	223	230	239	249
40-44	132	166	173	179	186	193	199	205
45-49	148	136	140	145	149	154	161	167
50-54	117	113	116	120	123	127	131	134
55-59	85	92	94	98	100	103	106	109
60-64	103	74	76	78	80	82	84	87
65+	170	151	153	157	171	155	169	175
Male	1,635	1,663	1,690	1,723	1,750	1,771	1,807	1,840
0-4	156	169	180	191	202	213	212	211
5-9	181	166	162	159	156	154	165	176
10-14	161	181	178	175	172	169	164	161
15-19	150	180	181	181	181	180	178	176
20-24	199	174	175	176	176	177	177	178
25-29	164	159	162	165	168	170	171	173
30-34	141	134	138	143	148	152	156	160
35-39	118	112	115	119	122	126	131	136
40-44	71	90	94	98	102	106	109	113
45-49	75	73	75	78	80	83	87	91
50-54	59	60	62	64	66	68	70	72
55-59	46	49	50	52	53	55	56	58
60-64	46	39	40	41	42	43	44	46
65+	68	77	78	81	82	75	87	89

Female	1,481	1,509	1,537	1,567	1,607	1,625	1,655	1,685
0-4	169	167	178	188	199	209	208	207
5-9	176	163	159	156	154	152	162	173
10-14	176	174	172	170	167	164	160	157
15-19	134	169	171	172	173	173	172	170
20-24	129	154	156	159	161	164	166	168
25-29	130	135	138	141	144	147	150	153
30-34	103	111	115	120	124	128	132	136
35-39	74	92	95	98	101	104	108	113
40-44	61	76	79	81	84	87	90	92
45-49	73	63	65	67	69	71	74	76
50-54	58	53	54	56	57	59	61	62
55-59	39	43	44	46	47	48	50	51
60-64	57	35	36	37	38	39	40	41
65+	102	74	75	76	89	80	82	86

~ Note: Figures for the year 2006 onwards are based on the projected population
 Source: Population & Housing Census of Bhutan, 2005

Table 2. Population, Density and Sex Ratio, Gasa, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	3,116	3,172	3,227	3,290	3,357	3,396	3,462	3,525
Population density (Persons per Sq. Km)	1	1	1	1	1	1	1	1
Population sex ratio	110	110	110	110	110	109.4	109.2	109.2

Source: Dzongkhag Population Projection 2006-2015

Table 3. Total Number of Live Births, Deaths, Marriages and Divorces, Gasa, (2008 ~ 2011)

Age-group	2008	2009	2010	2011
Live births	69	58	66	45
Male	43	35	31	21
Female	26	23	35	24
Total deaths	25	9	11	10
Male	16	5	9	6
Female	9	4	2	4
Infant deaths	3	2	0	1
Male	3	2	0	1
Female	0	0	0	0
Marriages certificate issued	n.a	n.a	n.a	n.a
Number of divorces	n.a	n.a	n.a	n.a

Source: Dzongkhag Health Sector & Court, Gasa, Dzongkhag

Table 4. Adolescent Birth rate and Total fertility rate, Gasa, (2010)

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	332.0
Total fertility rate	4.0

Source: BMIS, 2010

Table 5. Early Childbearing, Gasa, (2010)

Percentage of women age 15-19 who have had livebirth or who are pregnant with the first child; percentage of women age 15-19 who have begun childbearing before age 15, and the percentage of women age 20-24 who have had a live birth before age 18.

Details	2010
% of women age 15~19	
Have had a live birth	*
Are pregnant with first child	*
Have begun childbearing	*
Have had a live birth before 15	*
Number of women age 15~19	9.0
% of women age 20~24 who have had a live birth before age 18	3.0
Number of women age 20~24	23.0

Source: BMIS, 2010

Table 6. Use of Contraception, Gasa, (2010)

Details	2010
Percentage of Women age 15-49 Years Currently Married or in Union Who are using (or whose partner is using) a Contraceptive Method.	32.7
Not using any method	2.1
Percent of women (currently married or inunion) who are using	10.8
Female sterilization	2.8
Male sterilization	37.0
IUD	.0
Injectables	5.0
Implants	9.7
Oral contraceptive Pill	.0
Male condom	.0
Female condom	.0
Foam/ jelly	.0
Lactational amenorrhoea method (LAM)	.0
Periodic abstinence/ rhythm	.0
Withdrawal	.0
Other	.0
Any modern method	67.3
Any traditional method	.0
Any method	67.3
Number of women currently married or in union	86.0

Source: BMIS, 2010

Table 7. Antenatal Care Provider, Gasa, (2010)

Percent Distribution of Women Aged 15~49 Who Gave Birth in The Survey by Type of Personnel Providing Antenatal Care.

Details	2010
Persons providing antenatal care	
Doctor	6.0
Nurse/ midwife	72.6
HA/ BHW	10.6
Assistant clinical officer (ACO)	(.0)
Traditional birth attendant	(.0)
Village health worker	(.0)
Other/ missing	(.0)
No antenatal care received	(10.8)
Total	(100)
At Least once by skilled personnel	(89.2)
Number of women who gave birth in the preceding 2 years	28

Source: BMIS, 2010

Table 8. Number of Antenatal Care Visits, Gasa, (2010)

Percentage of Women Who had a Live Births During the Two Years Preceding the Survey by Number of Antenatal Care Visits by Any Provider.

Details	2010
Percent of women who had	
No antenatal care visits	(10.8)
1 Visits	(7.0)

2 Visits	(7.7)
3 Visits	(8.3)
4 or more visits	(55.6)
Missing/ DK	(10.6)
Total	(100)
Number of women who gave birth in the preceding 2 years	28

Source: BMIS, 2010

Table 9. Assistance During Delivery, Gasa, (2010)

Percent Distribution of Women age 15-49 Who had a Live Birth in the Two Years Preceding the Survey by Person Assisting, at Delivery and Percentage of Births Delivered by C-section.

Details	2010
Person assisting at delivery	
Doctor	(40.1)
Nurse / Midwife	(19.1)
HA/BHW	(2.4)
Asst. clinical officer (ACO)	(.0)
Traditional birth attendant	(.0)
Village health worker	(.0)
Relative / friend	(29.6)
Other/missing	(8.7)
No attendant	(.0)
Total	(100)
Any skilled personnel	(61.7)
Percent delivered by C-section	(6.0)
Number of women who gave birth in preceding two years	28

Source: BMIS, 2010

Table 10. Place of Delivery, Gasa, (2010)
 Percent Distribution of Women age 15-49 With a Birth in Two Years Preceding the Survey by Place of Delivery.

Details	2010
Place of delivery	
Public sector health facility	59.3
Private sector health facility	(.0)
Home	36.4
Other	4.3
Total	100.0
Delivered in health facility [1]	59.3
Number of women who gave birth in preceding two years	28.0

Source: BMIS, 2010

Table 11. Health Infrastructures, Facilities and Personnel, Gasa, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Number of hospitals	0	0	0	0	
Number of BHUs	4	4	4	4	4
BHU grade I	1	1	1	1	1
BHU grade II	3	3	3	3	3
Number of ORCs	10	10	13		6
Number of indigenous units	1	1	1	1	1
Number of doctors	1	1	1	1	1
Number of hospital/BHU beds	4	4	4	4	4
Persons per doctor	n.a	n.a	n.a	n.a	n.a
Persons per hospital bed	n.a	n.a	n.a	n.a	n.a
Total morbidity attendance	n.a	n.a	n.a	n.a	n.a
Health assistants	7	8	8	7	6
Basic health workers	0	0	1	1	1
Sister and nurses	3	3	2	2	1
Technicians	1	3	3	4	5
Indigenous dungtsho	1	1	1	1	1
Indigenous compounders/Menpas	1	1	1	1	1
Malaria workers	N.A	N.A	N.A	N.A	0
Village health workers	19	19	19	19	20
Number of children immunized	109	144	189	175	157
Polio	24	31	47	48	38
DPTH	n.a	n.a	49	48	38
Measles	62	63	65	54	33
BCG	23	50	28	25	21
Others (DT)	n.a	n.a	n.a	n.a	27

Source: Dzongkhag Health Sector, Gasa Dzongkhag

Table 12. Hospital Admission and Average Length of Stay, Gasa, (2007 ~ 2011)

Average admission	2007	2008	2009	2010	2011
Hospital admission	n.a	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a	n.a
Patient days	n.a	n.a	n.a	n.a	n.a
Average days	n.a	n.a	n.a	n.a	n.a
BHU admission	12	40	n.a	30	33

Source : Annual Health Bulletin, MoH

Table 13. Number of Surgeries, Gasa, (2007 ~ 2010)

Details	2007	2008	2009	2010
Surgeries	N.A	N.A	N.A	N.A
Caesarian Section	N.A	N.A	N.A	N.A
General Abdominal	N.A	N.A	N.A	N.A
General Others	N.A	N.A	N.A	N.A
Orthopaedic extremities	N.A	N.A	N.A	N.A
Orthopaedic Others	N.A	N.A	N.A	N.A
Gynaecology	N.A	N.A	N.A	N.A
ENT	N.A	N.A	N.A	N.A
Eye	N.A	N.A	N.A	N.A

Source : Annual Health Bulletin, MoH

Table 14. Number of Dental Services, Gasa, (2007 ~ 2011)

Dental Services	2007	2008	2009	2010	2011
Prophylaxis	N.A	N.A	N.A	N.A	0
Scaling	N.A	N.A	N.A	N.A	0
Fillings	N.A	N.A	N.A	N.A	9
Extractions	N.A	N.A	N.A	N.A	10
Others	N.A	N.A	N.A	N.A	12

Source: Annual Health Bulletin, MoH

Table 15: Number of Top Ten Morbidity, Gasa, (2007~ 2011)

Priority health problem/ Disease	2007	2008	2009	2010	2011
Diarrhoea	195	257	461	189	244
Conjunctivitis	187	222	129	103	83
Dysentery	140	256	186	93	43
Typhoid	0	0	0	0	0
Sexually transmitted disease, excluding HIV/AIDS	19	12	20	25	4
Diabetes	0	0	0	0	0
Tuberculosis	0	0	0	0	0
Early syphilis	0	0	0	0	0
Cholera	0	0	0	0	0
Tetanus	0	0	0	0	0
Diphtheria	0	0	0	0	0
Pertussis	0	0	0	0	0

Source: Dzongkhag Health Sector, Gasa, Dzongkhag

Table 16. Child Disability, Gasa, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	1.7
Difficulty seeing, either in the daytime or at night	2.8
Appears to have difficulty hearing	1.4
No understanding of instructions	6.4
stiffness	2.9
Have fits, become rigid, lose consciousness	16.4
Not learning to do things like other children his/her age	7.5
No speaking cannot be understood in words	13.2
Appears mentally backward, dull, or slow	1.1
Speech is not normal	24.4
Number of children aged 3-9 years	68
Cannot name at least one object	35.8
Number of children aged 2 years	8
reported disability*	53.9
Number of children aged 2-9 years	76

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Gasa, (2010)

Percentage of children under age 5 by nutritional status according to three anthropometric indices: weight for age, height for age, and weight for height.

Nutritional Status	2010
Weight for age: % below -2 sd [1]	3.6
Weight for age: % below -3 sd [2]	1.5
Weight for age: Mean Z-Score (SD)	-4
Weight for age: Number of children	37
Height for age: % below -2 sd [3]	31.8
Height for age: % below -3 sd [4]	12.1
Height for age: Mean Z-Score (SD)	-1.2
Height for age: Number of children	37
Weight for height: % below -2 sd [5]	3.2
Weight for height: % below -3 sd [6]	0.0
Weight for height: % above +2 sd	5.5
Weight for height: Mean Z-Score (SD)	0.4
Weight for height: Number of children	38

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Gasa, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey Who Were Ever Breastfed, Percentage Who Were Breastfed Within One Hour of Birth and Initial Breastfeeding

	2010
Percentage ever breastfed	97.6
Percentage who were first breastfed: Within one hour of birth	43.9
Percentage who were first breastfed: Within one day of birth	90.7
Percentage who received a prelacteal feed	10.2
Number of last-born children in the two years preceding the	28

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Gasa, (2010)

Median duration of any breastfeeding, exclusive breastfeeding, and predominant breastfeeding among children age 0-35 months.

Duration of Breastfeeding	2010
Median duration (in months) of Any breastfeeding	21.1
Exclusive breastfeeding	0.0
Predominant breastfeeding	15.0
Number of children age 0-35 months	28

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Gasa, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey That are Estimated to Have Weighed Below 2500 Grams at Birth and Percentage of Live

Low Birth Weight Infants	2010
Percent of live births Below 2500 grams Weighed at birth	10.3
Number of live births in the last 2 years	63.7
	28

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Gasa, (2010)

Percentage of women age 15-49 years with a live birth in the last 2 years protected against neonatal tetanus.

Neonatal Tetanus Protection	2010
Pregnancy during last pregnancy but received 2 doses, the last within prior 3 years	32.8
3 doses, the last within prior 5 years	19.6
4 doses, the last within prior 10 years	0
5 or more doses during Lifetime	0
Protected against tetanus [1]	52.4
Number of women with a live birth in the last 2 years	28

Source: BMIS, 2010

Table 22. Solid Fuel Use, Gasa, (2010)

Percentage Distribution of Household Members According to Type of Cooking Fuel Used by the Household, and Percentage of Household Members Living in

Solid Fuel Use	2010
Percentage of household members in households using Electricity	37.9
Liquefied Petroleum Gas (LPG)	5
Kerosene	.0
Coal	0.2
Wood	56.9
Straw/Shrubs/Grass	.0
No food cooked in household	.0
Other	.0
Total	100
Solid fuels for cooking	57.1
Number of household members	484

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Gasa, (2010)
 Percent distribution of household population according to main source of drinking water and percentage of household population using improved drinking

Water Sources	2010
Main source of drinking water	
Improved sources	
Piped into dwelling	7.0
Piped into compound	23.2
Piped to neighbor	3.3
Public outdoor tap	26.4
Protected well	6.0
Spring	4.1
Rainwater collection	.0
Bottled water	.0
Unimproved sources	
Unprotected well	0.5
Unprotected spring	9.0
Tanker-truck	.0
Cart with small tank/drum	.0
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	20.5
Other	.0
Total	100
Percentage using improved sources of drinking water	70
Number of household members	484

Source: BMIS, 2010

Table 24. Household Water Treatment, Gasa, (2010)
 Percentage of Household Population by Drinking Water Treatment Method Used in the Household, and for Household Members Living in Households Where an

Water Treatment	2010
Water treatment method used in the household	
None	23.4
Boil	53.7
Add bleach / chlorine	.0
Strain through a cloth	5.5
Use water filter	3.4
Solar disinfection	.0
Let it stand and settle	30.8
Other	.0
Don't know	.0
Number of household members	484
unimproved drinking water sources and using an appropriate drinking water sources	30.6
	145

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Gasa, (2010)
 Percent Distribution of Household Population According to Time to go to Source of Drinking Water, Get Water and Return, for Users of Improved and Unimproved

Time to Source of Drinking Water	2010
Time to source of drinking water	
Users of improved drinking water sources	
Water on premises	55.3
Less than 30 minutes	11.2
30 minutes or more	1.6
Missing/DK	1.8
Users of unimproved drinking water sources	
Water on premises	1.7
Less than 30 minutes	19.5
30 minutes or more	8.9
Missing/DK	.0
Total members	100
	484

Source: BMIS, 2010

Table 26. Types of sanitation Facilities,Gasa, (2010)
 Percent Distribution of Household Population According to Type of Toilet Facility Used by the Household

Time to Source of Drinking Water	2010
Type of toilet facility used by household	
Improved sanitation facility	
Flush toilet	0.5
Flush to septic tank(Without soak pit)	9.2
Flush to pit (latrine)	.0
Flush to unknown place/not sure/DK where	.0
Flush to septic tank (with soak pit)	1.4
Ventilated Improved Pit latrine (VIP)	0
Pit latrine with slab	50
Composing toilet	.0
Unimproved sanitation facility	
Flush to somewhere else	.0
Pit latrine without slab /open pit	36.3
Long drop latrine	.0
Bucket	.0
Other	.0
Missing	.0
Open defecation (no facility, bush, field)	
No facility,bush, field	2.6
Total	100
Number of household members	484

Source: BMIS, 2010

Table 27. Number of Schools, Institutions, Teachers and Students, Gasa, (2008 ~ 2012)

Details	College										Daycare Centres	Total	
	Cps	Ps	Lss	Mss	Hss	Pvt.	Other Inst.	NFE Centres	Centres	Daycare Centres			
2008													
Number of schools and institutions	2	1	0	0	1	0	0	0	0	0	2	0	6
Teaching staff													
Bhutanese	7	12	0	0	18	N.A	N.A	N.A	N.A	N.A	2	N.A	39
Male	8	8	0	0	13	N.A	N.A	N.A	N.A	N.A	1	N.A	30
Female	1	4	0	0	5	N.A	N.A	N.A	N.A	N.A	1	N.A	11
Non-Bhutanese	0	0	0	0	0	N.A	N.A	N.A	N.A	N.A	0	N.A	0
Male	0	0	0	0	0	N.A	N.A	N.A	N.A	N.A	0	N.A	0
Female	0	0	0	0	0	N.A	N.A	N.A	N.A	N.A	0	N.A	0
Temporary teachers	0	0	0	0	0	N.A	N.A	N.A	N.A	N.A	0	N.A	0
Male	0	0	0	0	0	N.A	N.A	N.A	N.A	N.A	0	N.A	0
Female	0	0	0	0	0	N.A	N.A	N.A	N.A	N.A	0	N.A	0
Number of students	153	111	0	0	328	N.A	N.A	N.A	N.A	N.A	n.a	N.A	592
Male	105	54	0	0	158	N.A	N.A	N.A	N.A	N.A	n.a	N.A	317
Female	48	57	0	0	170	N.A	N.A	N.A	N.A	N.A	n.a	N.A	275
Student to teacher ratio	22	9			18	N.A	N.A	N.A	N.A	N.A	n.a	N.A	
2009													
Number of schools and institutions	2	1	0	0	1	0	0	0	0	0	2	0	6
Teaching staff	14	7	N.A	N.A	18	N.A	N.A	N.A	N.A	N.A	N.A	N.A	39
Bhutanese													
Male	13	3	N.A	N.A	13	N.A	N.A	N.A	N.A	N.A	1	N.A	30
Female	1	4	N.A	N.A	5	N.A	N.A	N.A	N.A	N.A	1	N.A	11
Non-Bhutanese	0	0	N.A	N.A	0	N.A	N.A	N.A	N.A	N.A	N.A	N.A	0
Male	0	0	N.A	N.A	1	N.A	N.A	N.A	N.A	N.A	N.A	N.A	1
Female	0	0	N.A	N.A	0	N.A	N.A	N.A	N.A	N.A	N.A	N.A	0
Temporary teachers	1	2	N.A	N.A	2	N.A	N.A	N.A	N.A	N.A	N.A	N.A	5
Male	1	1	N.A	N.A	2	N.A	N.A	N.A	N.A	N.A	N.A	N.A	4
Female	0	1	N.A	N.A	0	N.A	N.A	N.A	N.A	N.A	N.A	N.A	1
Number of students	194	162	N.A	N.A	359	N.A	N.A	N.A	N.A	N.A	N.A	N.A	715
Male	122	77	N.A	N.A	140	N.A	N.A	N.A	N.A	N.A	N.A	N.A	339
Female	72	85	N.A	N.A	219	N.A	N.A	N.A	N.A	N.A	N.A	N.A	376
Student to teacher ratio	14	23			20	N.A	N.A	N.A	N.A	N.A	N.A	N.A	18

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Table 28. School Enrolment by Grade and Sex, Gasa, (2008~2012)

Class	2008	2009	2010	2011	2012
Primary level					
Total	n.a	n.a	n.a	513	559
Class PP	n.a	n.a	n.a	94	116
Class I	n.a	n.a	n.a	109	104
Class II	n.a	n.a	n.a	81	90
Class III	n.a	n.a	n.a	59	74
Class IV	n.a	n.a	n.a	68	73
Class V	n.a	n.a	n.a	51	57
Class VI	n.a	n.a	n.a	51	45
Male					
Total	n.a	n.a	n.a	258	292
Class PP	n.a	n.a	n.a	43	54
Class I	n.a	n.a	n.a	47	65
Class II	n.a	n.a	n.a	42	37
Class III	n.a	n.a	n.a	32	39
Class IV	n.a	n.a	n.a	43	43
Class V	n.a	n.a	n.a	26	33
Class VI	n.a	n.a	n.a	25	21
Female					
Total	n.a	n.a	n.a	255	267
Class PP	n.a	n.a	n.a	51	62
Class I	n.a	n.a	n.a	62	39
Class II	n.a	n.a	n.a	39	53
Class III	n.a	n.a	n.a	27	35
Class IV	n.a	n.a	n.a	25	30
Class V	n.a	n.a	n.a	25	24
Class VI	n.a	n.a	n.a	26	24
Secondary level					
Total	n.a	n.a	n.a		
Class VII	n.a	n.a	n.a	73	58
Class VIII	n.a	n.a	n.a	42	70
Class IX	n.a	n.a	n.a	52	67
Class X	n.a	n.a	n.a	55	39
Class XI	N.A	N.A	N.A	N.A	N.A
Class XII	N.A	N.A	N.A	N.A	N.A
Male					
Total	n.a	n.a	n.a	116	113
Class VII	n.a	n.a	n.a	41	28
Class VIII	n.a	n.a	n.a	19	36
Class IX	n.a	n.a	n.a	25	29
Class X	n.a	n.a	n.a	31	20
Class XI	N.A	N.A	N.A	N.A	N.A
Class XII	N.A	N.A	N.A	N.A	N.A
Female					
Total	n.a	n.a	n.a	106	121
Class VII	n.a	n.a	n.a	32	30
Class VIII	n.a	n.a	n.a	23	34
Class IX	n.a	n.a	n.a	27	38
Class X	n.a	n.a	n.a	24	19
Class XI	N.A	N.A	N.A	N.A	N.A
Class XII	N.A	N.A	N.A	N.A	N.A

Source: Dzongkhag Education Sector, Gasa Dzongkhag

Table 29. Student by Age-Group, Sex and by Level, Gasa, (2008~2012)

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total					
Age < 6 years	n.a	n.a	n.a	n.a	n.a
Age 6-12 years	n.a	n.a	n.a	n.a	n.a
Age 13 & above	n.a	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a	n.a
Age < 6 years	n.a	n.a	n.a	n.a	n.a
Age 6-12 years	n.a	n.a	n.a	n.a	n.a
Age 13 & above	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a
Age < 6 years	n.a	n.a	n.a	n.a	n.a
Age 6-12 years	n.a	n.a	n.a	n.a	n.a
Age 13 & above	n.a	n.a	n.a	n.a	n.a
Student in LSS level (Class VII-VIII)	n.a	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a	n.a
Age < 13 years	n.a	n.a	n.a	n.a	n.a
Age 13-14 years	n.a	n.a	n.a	n.a	n.a
Age 15 & above	n.a	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a	n.a
Age < 13 years	n.a	n.a	n.a	n.a	n.a
Age 13-14 years	n.a	n.a	n.a	n.a	n.a
Age 15 & above	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a
Age < 13 years	n.a	n.a	n.a	n.a	n.a
Age 13-14 years	n.a	n.a	n.a	n.a	n.a
Age 15 & above	n.a	n.a	n.a	n.a	n.a
Students in MSS level (Class IX-X)	n.a	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a	n.a
Age < 15 years	n.a	n.a	n.a	n.a	n.a
Age 15-16 years	n.a	n.a	n.a	n.a	n.a
Age 17 & above	n.a	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a	n.a
Age < 15 years	n.a	n.a	n.a	n.a	n.a
Age 15-16 years	n.a	n.a	n.a	n.a	n.a
Age 17 & above	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a
Age < 15 years	n.a	n.a	n.a	n.a	n.a
Age 15-16 years	n.a	n.a	n.a	n.a	n.a
Age 17 & above	n.a	n.a	n.a	n.a	n.a
Students in HSS level (Class XI-XII)	n.a	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a	n.a
Age < 17 years	n.a	n.a	n.a	n.a	n.a
Age 17-18 years	n.a	n.a	n.a	n.a	n.a
Age 19 & above	n.a	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a	n.a
Age < 17 years	n.a	n.a	n.a	n.a	n.a
Age 17-18 years	n.a	n.a	n.a	n.a	n.a
Age 19 & above	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a
Age < 17 years	n.a	n.a	n.a	n.a	n.a
Age 17-18 years	n.a	n.a	n.a	n.a	n.a
Age 19 & above	n.a	n.a	n.a	n.a	n.a

Source: Education Sector, Gasa Dzongkhag

Table 30. Literacy Among Young Women, Gasa, (2010)

Literacy Among Young Women	2010
Percentage literate	(20.1)
Percentage not known	(.0)
Number of women age 15-24 years	32

Source: BMIS, 2010

Table 31. School Readiness, Gasa, (2010)

Percentage of children attending first grade of primary school who attended pre-school the previous year.

School Readiness	2010
Percentage of children attending first grade who attended preschool in previous year	0
Number of children attending first grade of primary school	13

Source: BMIS, 2010

Table 32. Primary School Entry, Gasa, (2010)

Percentage of Children of Primary School Entry Age Entering Grade 1 Primary School Entry	2010
Percentage of children of primary school entry age entering grade 1	67.1
Number of children of primary school entry age	12

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Gasa, (2010)

Percentage of children entering first grade of primary school who eventually reach the last grade of primary school (Survival rate to last grade of primary school)

Details	2010
Percent attending grade 1 last year who are in grade 2 this year	100
Percent attending grade 2 last year who are attending grade 3 this year	100
Percent attending grade 3 last year who are attending grade 4 this year	95.2
Percent attending grade 4 last year who are attending grade 5 this year	86
Percent attending grade 5 last year who are attending grade 6 this year	95.7
Percent who reach grade 6 of those who enter grade 0	76.7

Source: BMIS, 2010

Table 34. Education Gender Parity, Gasa, (2010)

Education gender parity Ratio of adjusted net attendance ratios of girls to boys, in primary and secondary school

Education Gender Parity	2010
Primary school adjusted net attendance ratio (NAR), girls	75.2
Primary school adjusted net attendance ratio (NAR), boys	75.3
Gender parity index (GPI) for primary school adjusted NAR	1
Secondary school adjusted net attendance ratio (NAR), girls	40.5
Secondary school adjusted net attendance ratio (NAR), boys	29
Gender parity index (GPI) for secondary school adjusted NAR	1.4

Source: BMIS, 2010

Table 35. Summary of Crime Reports by Nature of Crime, Gasa, (2009 ~ 2011)

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy	n.a	n.a	0
Homicide	n.a	n.a	0
Assault,battery and related offences	n.a	n.a	8
Kidnapping and related offences	n.a	n.a	0
Sexual offence	n.a	n.a	0
Offence against infant,child,mentally disabled and incompetent person	n.a	n.a	0
Arson and related offences	n.a	n.a	0
Burglary, trespass and related offences	n.a	n.a	0
Larceny,robbery, armed robbery and related offences	n.a	n.a	3
Money laundering and smuggling	n.a	n.a	0
Embezzlement and bribery	n.a	n.a	0
Forgery and related offences	n.a	n.a	0
Defamation and related offences	n.a	n.a	0
Treason,terrorism and related offences	n.a	n.a	0
Offences against cultural and national heritage	n.a	n.a	2
Offences against judicial authority	n.a	n.a	0
Prostitution and related offences	n.a	n.a	0
Offences against the public welfare	n.a	n.a	1
	n.a	n.a	n.a

Offences related to public and civic duties	n.a	n.a	0
Offences related to public order and tranquillity	n.a	n.a	0
Offences against privacy	n.a	n.a	0
Computer offences	n.a	n.a	0
Offences related to firearms and weapons	n.a	n.a	0
Offences related to protected species, controlled and other harmful substances	n.a	n.a	0
Motor vehicle offences	n.a	n.a	1
Others	n.a	n.a	0
Total crimes	n.a	n.a	15

Source: Royal Bhutan Police, Gasa Dzongkhag

Table 36. Monthly Motor Vehicle Accidents, Gasa, (2009~ 2011)

Month	(Incident)		
	2009	2010	2011
January	n.a	n.a	0
February	n.a	n.a	0
March	n.a	n.a	0
April	n.a	n.a	0
May	n.a	n.a	0
June	n.a	n.a	0
July	n.a	n.a	0
August	n.a	n.a	0
September	n.a	n.a	0
October	n.a	n.a	0
November	n.a	n.a	1
December	n.a	n.a	0
Total	n.a	n.a	0

Source: Royal Bhutan Police, Gasa Dzongkhag

Table 37. Causes of Motor Vehicle Accidents, Gasa, (2009~2011)

Details	(Incident)		
	2009	2010	2011
Mechanical fault	n.a	n.a	1
Drunk driving	n.a	n.a	0
Bad weather	n.a	n.a	0
Without licence	n.a	n.a	0
Unknown causes	n.a	n.a	0
Other causes	n.a	n.a	0
All causes	n.a	n.a	0

Source: Royal Bhutan Police, Gasa Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Gasa, (2010)

Details	2010
Percentage of women age 15-49 years who believe a husband is justified in beating his wife/partner	
If goes out without telling him	40.5
If she neglects the children	66.7
If she argues with him	48.5
If she refuses sex with him	40
If she burns the food	25.1
For any of these reasons	82.7
Number of women age 15-49 years	107

Source: BMIS, 2010

Table 39. Land Area and Damages Caused by Types, Gasa, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Dzongkhag area (Sq. Km)	3,081.77	3,081.77	3,081.77	3,081.77	3,081.77
Total cultivated land (Acres) ¹	792.74	792.74	792.74	792.74	792.74
Damages caused by landslides ²	n.a	n.a	n.a	n.a	n.a
Farmland (acres)	n.a	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a	n.a
Damages caused by floods ²	n.a	n.a	n.a	n.a	n.a
Farmland (acres)	n.a	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a	n.a
Crops affected by drought (acres)	n.a	n.a	n.a	n.a	n.a
Crops damaged by wild animals (acres)	n.a	n.a	n.a	n.a	n.a
Incidence of earthquake (Number of cases reported) ²	n.a	n.a	n.a	n.a	n.a
Houses damaged by earthquakes (Number)	n.a	n.a	n.a	n.a	n.a
Number of forest fires ³	n.a	n.a	n.a	n.a	n.a
Acreege destroyed by forest fires	n.a	n.a	n.a	n.a	n.a
Acreege of reforestation ³	n.a	n.a	n.a	n.a	n.a
Houses/structures damaged by fires (Number) ³	n.a	n.a	n.a	n.a	n.a

Source: 1Agriculture Sector, 2Environment Sector, 3 Forest Sector, Gasa Dzongkhag

Table 40. Average Monthly Temperature (Degree Centigrade), Gasa, (2010 & 2011)

Month/ Temperature	2010			2011		
	(Degree Celsius)			(Degree Celsius)		
	Maximum	Minimum	Average	Maximum	Minimum	Average
January	10	-2	4	9.9	-1.0	4.45
February	10	0	5	10	-0.7	4.65
March	13	2	7	14	4.9	9.45
April	18	8	13	14.9	4.9	9.9
May	19	8	14	15.3	7	11.15
June	18	9	13	19	10.4	14.7
July	19	9	14	18.8	8.5	13.65
August	19	12	15	18.8	9.8	14.3
September	19	10	15	18.4	10.3	14.35
October	16	8	12			-
November	14	1	7	12.6	1.8	7.2
December	11	2	6	8.9	-1.5	3.7
Annual	15	6	10	14.6	4.9	9.8

Source : SYB, NSB

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Table 41. Average Monthly Rainfall,Gasa, (2010 & 2011)

Month/ Monthly Rainfall	2010	2011
	Station	Station
	Khatey	Khatey
January	4	0
February	19	21.2
March	137	54.7
April	97	83.3
May	113	109.4
June	363	211.8
July	488	470.2
August	405	305.6
September	288	116.8
October	328	n.a
November	0	57
December	0	2.2
Annual	2241	1432.2

Source: SYB, NSB

Table 42. Percentage of Forest Coverage, Number of Protected Spring and Lakes, Gasa, (2010)

Details	2010
Forest coverage (%) ²	87.1
Number of snow fall at Dzongkhag headquarter	n.a
Number of Protected spring water sources ¹	n.a
Number of Lakes ¹	n.a

Source: ¹Dzongkhag Forest Section, ²Tenth Plan Documents, GNHC

Table 43. Disposal of Childs Faeces, Gasa, (2010)

Percent distribution of children age 0-2 years according to place of disposal of child's faeces, and the percentage of children age 0-2 years whose stools were

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	15.4
Put / Rinsed into toilet or latrine	31.2
Put / Rinsed into drain or ditch	33.3
Thrown into garbage (solid waste)	12.0
Buried	0
Left in the open	8.1
Other	0
Total	100
Percentage of children whose stools were disposed of safely	46.6
Number of children age 0-2 years	28

Source: BMIS 2010

Table 44. Parliamentary and Local Government Representatives, Gasa, (2008 & 2011)

Details	2008	2011
Local governance (Number)		
Parliamentarians	3	3
Male	3	3
Female	0	0
Gups		
Male	3	3
Female	0	0
Total gewog tshogpas ¹		
Male	n.a	10
Female	n.a	1
Total Mangmis ¹		
Male	4	4
Female	0	0
DYT members ²		
Male	9	8
Female	0	0
GYT members ¹	n.a	n.a
Male	n.a	n.a
Female	n.a	n.a
Polling stations ²	n.a	n.a
Eligible voters (18 years and above) ²	n.a	n.a
Male	n.a	n.a
Female	n.a	n.a
% of Voters turnout during election	n.a	n.a
Male	n.a	n.a
Female	n.a	n.a
Total election staff in Dzongkhag	3	3
Male	3	2
Female	0	1

Source: 1Gewog Administration, 2Election Sector, Gasa Dzongkhag.

Table 45. Parliamentary and Local Government Election Expenditures, Gasa, (2008 & 2011)

Details	Amount (Nu)
2008	n.a
Parliamentarians (Number)	n.a
National council	n.a
National assembly	n.a
2011	n.a
Local government	n.a
Gup	n.a
Mangmi	n.a
Tsogpa	n.a

Source: Election Office, Gasa Dzongkhag

Table 46. Royal Government Finances Expenditures at Dzongkhag Level, Gasa, (2008-2012)

Details	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	Total Expenditure 2008-2012
Sectors					
Adm & Management	9.258	12.434	16.936	30.775	62.002
Agriculture	0.276	0.862	3.432	3.000	5.455
Livestock	0.030	0.330	3.405	0.608	2.193
Forestry	1.020	0.655	2.889	4.093	3.678
Education	5.838	6.058	6.667	10.400	24.062
Health	1.123	0.985	0.084	0.440	2.503
Works & Human Settlement	3.971	1.447	2.616	0.360	3.657
Religion & Culture	2.704	1.900	0.300	0.900	4.050
Total	24.220	24.671	36.329	50.576	107.600

Source: Planning & Finance Section, Gasa Dzongkhag

Table 47. Dzongkhag 9th and 10th Five Year Plan Outlays, Gasa

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	7.1	15.0		69.403
Agriculture	0.3	3.9		7.570
Livestock	2.1	4.9		4.373
Forestry	0.2	1.4		8.657
Education	37.5	13.8		28.963
Health	3.5	5.4		2.632
Urban development & housing	1.5	0.1		8.394
Roads	0.2	1.9		n.a
Bhutan post	n.a	n.a		n.a
Telecommunication	n.a	n.a		n.a
Power	n.a	1.187		n.a
Trade & industry	n.a	n.a		n.a
Total	52.4	47.6		n.a
Total plan outlay	97.7	112.9		130.0

Source: Dzongkhag Administration, Gasa

Table 48. Dzongkhag 9th and 10th Five Year Plan Expenditures, Gasa

(in million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	9.5	24.2	n.a	62.002
Agriculture	0.3	4.7	n.a	5.455
Livestock	2.3	7.0	n.a	2.193
Forestry	0.0	3.1	n.a	3.678
Education	4.4	26.7	n.a	24.062
Health	3.5	6.7	n.a	2.503
Urban development & housing	0.6	5.4	n.a	3.657
Roads	0.0	1.7	n.a	n.a
Bhutan post	20.6	79.4	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan expenditure	141.7	36.9	n.a	103.6

Source: Dzongkhag Administration, Gasa Dzongkhag

Table 49. Gewog 9th and 10th Five Year Plan Outlays, Gasa

(In million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	15.593
Agriculture	n.a	n.a	n.a	42.978
Livestock	n.a	n.a	n.a	2.414
Forestry	n.a	n.a	n.a	2.971
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	11.309
Urban development & housing	n.a	n.a	n.a	10.056
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	85.3

Source: Planning Unit, Gasa Dzongkhag

Table 50. Gewog 9th and 10th Five Year Plan by Expenditures, Gasa
(In million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	10.7
Agriculture	n.a	n.a	n.a	3.5
Livestock	n.a	n.a	n.a	1.7
Forestry	n.a	n.a	n.a	2.3
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	9.7
Urban development & housing	n.a	n.a	n.a	5.5
Roads & bridges	n.a	n.a	n.a	n.a
Religion & cultural	n.a	n.a	n.a	14.2
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & Industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	47.5

Source: Dzongkhag Administration, Gasa Dzongkhag

Table 51. Employed Persons by Age, Sex and Area of Residence, Gasa, (2008 ~ 2012)

Details	(Number)					
	2008	2009	2010	2011	2012	
Total	n.a	n.a	1800	1400	n.a	
Male	n.a	n.a	900	800	n.a	
Female	n.a	n.a	900	600	n.a	
Rural Total	n.a	n.a	1500	1200	n.a	
Male	n.a	n.a	700	500	n.a	
Female	n.a	n.a	800	700	n.a	
Urban Total	n.a	n.a	200	200	n.a	
Male	n.a	n.a	100	100	n.a	
Female	n.a	n.a	100	100	n.a	

Source: Labour Force Survey, MoLHR

Table 52. Employment by Industries, Age Group and sex, Gasa, (2009 ~ 2012)

Details	2009	2010	2011	2012
Total labour force (Number)	n.a	n.a	n.a	n.a
Total employed (%)	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a
Unemployment rate	n.a	n.a	n.a	n.a
Total employed in Agriculture (%)	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a
Total employed in Industries (%)	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a
Total employed in Services (%)	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a
Total unemployed by area (%)	n.a	n.a	n.a	n.a
Urban	n.a	n.a	n.a	n.a
Rural	n.a	n.a	n.a	n.a
Total un-employed by education (%)	n.a	n.a	n.a	n.a
Total unemployed grade XII and above	n.a	n.a	n.a	n.a
Total unemployed below grade XII	n.a	n.a	n.a	n.a
Total under employed (%)	n.a	n.a	n.a	n.a
Employed by age-group (%)	n.a	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a	n.a
Unemployed by age-group (%)	n.a	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a	n.a

25-64 years	n.a	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a	n.a
Labor force participation rate (%)	n.a	n.a	n.a	n.a
Male participation rate	n.a	n.a	n.a	n.a
Female participation rate	n.a	n.a	n.a	n.a

Source: Labour Force Survey, MoLHR

Table 53. Child Labour, Gasa, (2010)

Percentage of Children by Involvement in Economic Activity and Household Chores During the Past Week, According to Age Groups, and Percentage of Children Age 5-14 Involved in Child Labour

Child labour	2010
Percentage of children age 5-11 involved in	
Economic activity	
Working outside household	
Paid work	0
Unpaid work	1.1
Working for family business	19.7
Economic activity for at least one hour	20.8
Household chores less than 28 hours	14.6
Household chores for 28 hours or more	0
Child labour	20.8
Number of children age 5-11	72
Percentage of children age 12-14 involved in	
Economic activity	
Working outside household	
Paid work	0
Unpaid work	0

Working for family business	38.4
Economic activity less than 14 hours	20.1
Economic activity for 14 hours or more	18.3
Household chores less than 28 hours	27
Household chores for 28 hours or more	5
Child labour	18.3
Number of children age 12-14	28
Total child labour [1]	20.1
Number of children age 5-14 years	100

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Gasa, (2010)

Percentage of children age 5-14 years involved in child labour who are attending school, and percentage of children age 5-14 years attending school who are involved in child labour

Child Labour and School Attendance	2010
Percentage of children involved in child labour	20.1
Percentage of children attending school	67.3
Number of children age 5-14 years	100
Percentage of child labourers who are attending school	40.6
Number of children age 5-14 years involved in child labour	20
Percentage of children attending school who are involved in child labour	12.1
Number of children age 5-14 years attending school	67

Source: BMIS, 2010

Table 55. Agriculture Production and Average Prices by Commodities, Gasa, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Paddy					
Area (Acres)	13.00	n.a	166.00	2.12	n.a
Production (MT)	251.00	190.95	196.56	308.4	n.a
Price per Kg (Nu.)	n.a	na.	n.a	n.a	n.a
Maize					
Area (Acres)	0.09	n.a	4.00	0.0	n.a
Production (MT)	0.07	3.68	3.18	0.0	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Wheat					
Area (Acres)	10.00	n.a	223.17	169.6	n.a
Production (MT)	4.08	180.12	190.75	56.0	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Barley					
Area (Acres)	5.00	n.a	87.50	67.9	n.a
Production (MT)	3.13	49.27	44.50	29.1	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Buckwheat					
Area (Acres)	n.a	n.a	n.a	0.0	n.a
Production (MT)	n.a	9.94	n.a	0.0	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	0.0	n.a
Millet					
Area (Acres)	n.a	n.a	n.a	0.0	n.a
Production (MT)	n.a	4.38	n.a	0.0	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a

Vegetables and Spices				
Potato				n.a
Production (kg)	5,634	n.a		n.a
Production (Nu.)	n.a	n.a	73,446	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Chilli				n.a
Production (kg)	5,634	n.a	73,446	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Onion				n.a
Production (kg)	n.a	n.a	577	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Cabbage				n.a
Production (kg)	327	n.a	8,365	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Cauliflower				n.a
Production (kg)	n.a	n.a	1,949	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Asparagus				n.a
Production (Bundles)	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per bunddle (Nu.)	n.a	n.a	n.a	n.a
Tomato				n.a
Production (Kg)	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a

Table 56. Agriculture Infrastructures and Other Facilities , Gasa, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Irrigation for agriculture	17	17	17	17	17
Number of irrigation channels	n.a	n.a	n.a	n.a	n.a
Functional	n.a	n.a	n.a	n.a	n.a
Non-Functional	n.a	n.a	n.a	n.a	n.a
Total length of channels (Km)	46.5	46.5	46.5	46.5	46.5
Area covered by irrigation	284	284	284	284	284
Number of households benefitted	108	108	108	108	108
Number of food processing units	N.A	N.A	N.A	N.A	N.A
Number of agriculture mills ¹	n.a	n.a	n.a	n.a	n.a
Number of livestock product					
Number of farmer association/groups	2	2	2	2	2
Agriculture	n.a	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a	n.a
Number of power tillers	23	30	34	34	34

Note: ¹Including two traditional mills

Source: Agriculture Sector, Gasa Dzongkhag

Table 57: Livestock Population by Types, Gasa, (2007~2011)

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle	741	677	630	n.a	n.a
Local breed	563	472	445	n.a	n.a
Male	250	211	234	n.a	n.a
Female	313	261	211	n.a	n.a
Improved breed	178	205	185	n.a	n.a
Male	78	56	58	n.a	n.a
Female	100	149	127	n.a	n.a
Mithun	130	247	190	n.a	n.a
Bufallo	N.A	N.A	N.A	n.a	n.a
Male	N.A	N.A	N.A	n.a	n.a
Female	N.A	N.A	N.A	n.a	n.a
Horse	779	1,116	1,103	n.a	n.a
Local breed	762	1,105	515	n.a	n.a
Improved breed	17	11	588	n.a	n.a
Yak	9,481	9,511	6,590	n.a	n.a
Male	5,100	3,512	2,783	n.a	n.a
Female	4,381	5,999	3,807	n.a	n.a
Sheep	358	250	15	n.a	n.a
Local breed	200	150	146	n.a	n.a
Improved breed	158	100	n.a	n.a	n.a
Pig	45	11	6	n.a	n.a
Local breed	20	1	5	n.a	n.a
Improved breed	25	10	1	n.a	n.a
Poultry	282	354	467	n.a	n.a
Local breed	100	77	225	n.a	n.a
Improved breed	182	277	242	n.a	n.a
Goat	N.A	N.A	N.A	n.a	n.a

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Gasa Dzongkhag

Table 58: Livestock Productions, Gasa, (2007~2011)

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	525625	492204	399800	n.a	n.a
Price per liter (Nu.)				n.a	n.a
Butter (Kg)	61,895	18,556	10,962	n.a	n.a
Price per Kg (Nu.)				n.a	n.a
Fresh Cheese (Kg)	232,844	136,107	11,296	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Processed cheese (kg)	n.a	n.a	n.a	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Eggs (dozen)	19,356	7,510	651	n.a	n.a
Price per piece (Nu.)	12	12	12	n.a	n.a
Fish (Kg)	N.A	N.A	N.A	n.a	n.a
Price per Kg (Nu.)	N.A	N.A	N.A	n.a	n.a
Beef (Kg)	N.A	N.A	N.A	n.a	n.a
Price per Kg (Nu.)	N.A	N.A	N.A	n.a	n.a
Pork (Kg)	N.A	N.A	N.A	n.a	n.a
Price per Kg (Nu.)	N.A	N.A	N.A	n.a	n.a
Yak Meat (Kg)	43,526	0	19,690	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Mutton (Kg)	N.A	N.A	N.A	n.a	n.a
Price per Kg (Nu.)	N.A	N.A	N.A	n.a	n.a
Honey (Liters)	N.A	N.A	N.A	n.a	n.a
Price per liter (Nu.)	N.A	N.A	N.A	n.a	n.a
Chicken (Kg)	N.A	N.A	N.A	n.a	n.a
Price per Kg (Nu.)	N.A	N.A	N.A	n.a	n.a

Source: Livestock Sector, Gasa Dzongkhag

Table 59. Forestry Productions, Gasa, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Wood Forest Product ¹					
Log Form (Cft)	n.a	n.a	n.a	n.a	n.a
Price per Cft(Nu.)	n.a	n.a	n.a	n.a	n.a
Fire wood (Cubic metres)	50	140	32	n.a	n.a
Price per Cubic metre(Nu.)	n.a	10	17	n.a	n.a
Flag Poles (Number of trees)	205	30	43	n.a	n.a
Price per tree(Nu.)	3,123	274	230	n.a	n.a
Shinglap (Number of trees)	2,525	763	823	n.a	n.a
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Cham (Number of trees)	3,123	274	230	n.a	n.a
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Tsim (Number of trees)	2,525	763	823	n.a	n.a
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Non-Wood Forest Product ²					
Mushroom (Kg)	n.a	n.a	n.a	n.a	n.a
Mushroom (Nu.)	n.a	n.a	n.a	n.a	n.a
Medicinal and Aromatic plants (Kg)	n.a	n.a	n.a	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Cordyceps (Kg)	n.a	n.a	n.a	142	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	1,053,418	n.a
Sand (Truck load)	n.a	n.a	n.a	n.a	n.a
Price per cft(Nu.)	n.a	n.a	n.a	n.a	n.a
Stones (Truck load)	n.a	n.a	n.a	n.a	n.a
Price per cft(Nu.)	n.a	n.a	n.a	n.a	n.a

Bamboo (Number)	41	79	9	n.a	n.a
Price per piece (Nu.)	n.a	n.a	n.a	n.a	n.a
Cane (Piece)	N.A	N.A	N.A	N.A	N.A
Price per piece (Nu.)	N.A	N.A	N.A	N.A	N.A
Lemon grass (liter)	N.A	N.A	N.A	N.A	N.A
Price per liter (Nu.)	N.A	N.A	N.A	N.A	N.A
Mining Sites (Number)	0	0	0	0	0
Quarry Sites	0	0	0	0	0
Municipal Waste Disposal Sites	0	0	0	0	0
Environmental Clearance Issued	2	5	6	n.a	n.a

Note: Cordyceps amount collected only for auction royalty charges.
Source: 1Divisional Forest, 2Thromsingla National Park, Gasa

Table 60. Electricity Generating Stations and Capacities, Gasa, (2009 & 2011)

Stations	2009			2010			2011		
	Installed capacity (no.x MW)	Generating capacity (MW)	Peak generation (MU)	Installed capacity (no.x MW)	Generating capacity (MW)	Peak generation (MU)	Installed capacity (no.x MW)	Generating capacity (MW)	Peak generation (MU)
Diesel generation stations	0	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
	0	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Other diesel stations	0	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
	0	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
	0	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
	0	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
	0	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A

Source: Department of Energy, MoEA, Gasa

Table 61. Number of Households by Area, Gasa, (2009 ~ 2012)

Details	2009	2010	2011	2012
Total number of household in Urban	84	84	84	84
Total number of household in Rural	643	643	643	643

Source: PCHB, 2005

Table 62. Number of Building Permits issued by Towns, Gasa, (2009 ~ 2012)

new buildings	2009	2010	2011	2012
	0	N.A	N.A	N.A
	0	N.A	N.A	N.A
	0	N.A	N.A	N.A

Source: Dzongkhag Municipal, Gasa Dzongkhag

Table 63. Number of Establishment by Type and Size, Gasa, (2009 ~ 2011)

Details	2009	2010	2011
Industries by type (Number)			
Agro based	0	0	0
Forestry based	0	0	0
Mineral based	0	0	0
Others	0	0	0
Industries by scale (Number)			
Large	0	0	0
Medium	0	0	0
Small	0	0	0
Cottage	0	0	0
Contract firms (Number)			
Large	n.a	n.a	4
Medium	n.a	n.a	n.a
Small	n.a	n.a	n.a
	n.a	n.a	n.a

Source: Regional Trade Office, Gasa

Table 64. Number of Wholesale, Retail Trade and Industrial Licenses Issued, Gasa, (2007 ~ 2011)

Details	(Number)				
	2007	2008	2009	2010	2011
Trade and Industries					
Micro & retail trade licences issued	n.a	n.a	n.a	n.a	n.a
Micro & retail trade licences in operation	n.a	n.a	n.a	n.a	n.a
Wholesale trade licences issued	0	0	0	0	0
Wholesale trade licences in operation	0	0	0	0	0
Services licences issued	n.a	n.a	n.a	4	n.a
Services licences in operation	n.a	n.a	n.a	n.a	n.a
Manufacturing licences issued	0	0	0	0	0
Manufacturing licences in operation	0	0	0	0	0

Source: Regional Trade Office, Gasa

Table 65. Number of Public Transport and Facilities, Gasa, (2007 ~ 2011)

Details	(Number)				
	2007	2008	2009	2010	2011
Public Service Transport					
Bus	N.A	N.A	N.A	N.A	N.A
Taxi	N.A	N.A	N.A	N.A	N.A
Motor vehicle registration					
Heavy	N.A	N.A	N.A	N.A	N.A
Medium	N.A	N.A	N.A	N.A	N.A
Small	N.A	N.A	N.A	N.A	N.A
Two wheeler	N.A	N.A	N.A	N.A	N.A
Auto Mobile workshop ³	0	0	0	0	0
Bus stations	0	0	0	0	0

Source: RSTA Regional Office, Gasa

Table 66: Number of Roads and Bridges, Gasa, (2007~2011)

Details	2007	2008	2009	2010	2011
Roads (Length in Km)					
Farm roads ¹	7.4	9.2	9.2	9.2	9.2
Feeder roads ²	0	0	0	0	0
Forest roads ¹	0	0	0	0	0
Highways/Dzongkhag roads	27.5	27.5	27.5	27.5	27.5
Bridges (Number)					
Suspension bridge ¹	7	7	7	7	7
Suspended ¹	n.a	n.a	n.a	n.a	n.a
Bailey bridges ²	6	6	6	6	6
Traditional bridges ¹	n.a	n.a	n.a	n.a	n.a

Source: 1Dzongkhag Engineering Section, 2Department of Roads, Gasa

Table 67. Telecommunications, Gasa, (2007 ~ 2012)

Telecommunications	(Number)					
	2007	2008	2009	2010	2011	2012
Households with fixed telephone connections	n.a	20	20	0	0	0
Tashi cell users	n.a	n.a	n.a	n.a	n.a	n.a
B.mobile users	n.a	n.a	n.a	n.a	n.a	n.a
Community information centres	0	0	0	0	2	2
Gewogs accessible to mobile services	2	2	2	3	4	4
Households with internet access	n.a	n.a	n.a	n.a	n.a	n.a
Bhutan post office	1	1	1	1	1	1

Source: Gewog Administration Office & Regional Office, Gasa Dzongkhag.

Table 68. Number of Establishment in Banking and Finance, Gasa, (2009 ~ 2012)

Number of establishments	(number)			
	2009	2010	2011	2012
RICBL	0	0	0	0
BIL	0	0	0	0
BDBL	1	1	1	1
BNBL	0	0	0	0
DPNBL	0	0	0	0
T-Bank	0	0	0	0
BOBL	0	0	0	0
ATM Machine	0	0	0	0

Source: Financial Institutions, Gasa Dzongkhag

Table 69. Number of account holders in Banks, Gasa, (2010)

Number of facilities	Number of account holders (2010)				Number of account holders (2011)			
	Loan	savin gs nt	fixed deposit	recurring deposit	Loan	savin gs nt	fixed deposit	recurring deposit
RICBL	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
BIL	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
BDEL	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
ENBL	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
DPNBL	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
T-Bank	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
BOBL	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A

Source: Financial Institutions, Gasa Dzongkhag

Table 70. Number of Administrative Units, Gasa, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Drungkhags	0	0	0	0	0	0
Gewogs	4	4	4	4	4	4
Chiwogs	20	20	20	20	20	20
Villages	n.a	n.a	n.a	n.a	n.a	n.a
Households	727	727	727	727	727	727
Towns	1	1	1	1	1	1
Number of Police stations	1	1	1	1	1	1

Source: Dzongkhag Administration, Gasa Dzongkhag

Table 71. Recreation, Tourist Visitors and Accommodation, Gasa, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Number of children park	0	0	0	0	0	0
Number of hotels	0	0	0	0	0	0
Number of restaurants	0	0	1	1	1	1
Number of drayangs	0	0	0	0	0	0
Number of discotheques	0	0	0	0	0	0
Number of foreign tourist visitors						

Source: Regional Office, MoEA, Gasa Dzongkhag

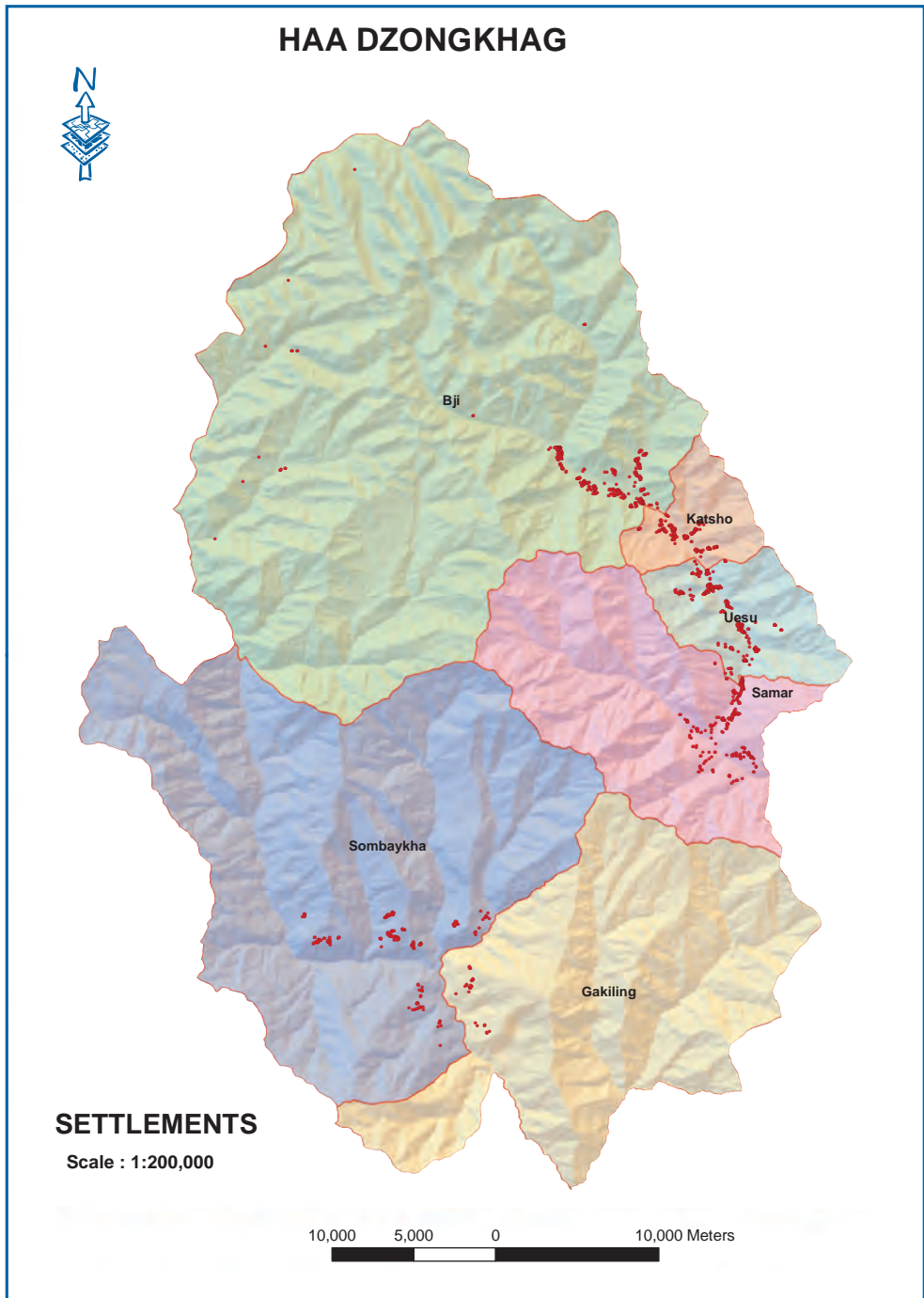
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Preface

The Annual Dzongkhag Statistics of Haa is the third in the series of publications. It attempts to provide comprehensive statistics of Haa Dzongkhag and will be published annually.

The report contains statistics on demographic and socio-economic, environment, culture, local governance and infrastructures of the Dzongkhag. The statistical data for this publication are collected and compiled from various sectors and through primary sources.

We hope that this report will serve as a source of information and guiding tool for micro-level planning and decision-making in the Dzongkhag. Statistics office, Haa would like to thank and acknowledge the support and corporation of all sector heads concerned for providing timely information for this report. Without their support, this publication would not have been possible. Through this initiative, we also hope that the maintenance of sectoral information and up-edition in the Dzongkhag will become more systematic and efficient henceforth.

Since this report is the third publication and with information source being from numerous sectors, we expect there may be certain deficiencies in terms of coverage and up edition. However, there will be continuous efforts made to improve its coverage and quality in our future publications.

Your comments and suggestions in this regard will be highly appreciated.

Dzongkhag Statistics Unit
Haa

Background

Haa Dzongkhag, encompassing a total area of 1899.02 Sq.Km with a population of little over 12,963 with an altitude ranging from 1000-5600 meters above the sea level,

The Dzongkhag is organizationally divided into one Thromdey and six Gewogs namely, Bje, Eusu, Kar-tshog, Samar, Sombaykha and Gakedling, Bbe gewog is the biggest and Kar-Tshog is the smallest in area wise. Due to hard physical barriers, Dzongkhag is administratively decentralized to one Drungkhag which is expected to address most of the constraint faced by the people of two Gewogs of Sombaykha and Gakedling.

Dzongkhag have one district judiciary court supported by its Drungkhag court, which caters all the legal related issues and discrepancies. One police station is located in the town led by Officer Commanding. Dzongkhag have financial institutes, BoB, BDBL and RICBL and good postal services.

The Dzongkhag is characterized by a craggy and mountainous terrain, and communities are located in remote settlements. The Dzongkhag is topographically divided into north and south. Bje, Kar-tshog, Eusu and Samar Gewogs lies in the north while two Gewogs Gaykedling and Sombaykha which are separated from north by Tergola and Selela pass.

Haa is one of the least populated Dzongkhag after Gasa. The vegetation ranges from broad leafed forest in the southern Gewogs to coniferous and sub alpine in the central, and pure alpine vegetation in the high lands of the northern Gewogs. The Dzongkhag is endowed with very rich flora and fauna and about 74% of the Dzongkhag is under forest cover. The Dzongkhag have widespread of flower called "white poppy", which is endemic to Haa only that magnetize the tourist.

It has cold and dry winters and wet and warm summers. In winters, the temperature drops down to minus seven degree Celsius at the extreme minimum. The Dzongkhag receives snow fall several times in a year from late November till early March.

Haa being located in very high altitude, the cultivatable agricultural land constitutes only around 2 % of the total area of the Dzongkhag. Since the Dzongkhag is constrained by the prolonged winter and short growing seasons. Most of the Gewogs own dry land areas and pasture lands. Majority of the people depend on livestock, forest product and business. Livestock rearing constitute an important economic activity in the Dzongkhag, with a preponderance of the northern Gewogs depending on livestock products such as butter, cheese and yak meat for their livelihood. Wheat is the main cereal crop grown in the Dzongkhag, and other crop includes barley and buckwheat. In the south cardamom and ginger constitutes the principal cash crops

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and supported by oranges and in north potato serves as main cash crops, while apples and vegetables are also cultivated on a moderate scale.

The Dzongkhag has good education coverage with one higher secondary school, three Lower secondary schools, three primary schools three community schools and four extended Class Rooms with total enrollments of 3258 students in 2012.

The Dzongkhag does not have full-fledged district hospital at the moment and the plans are on the move to construct. Therefore, the Bali BHU-I functions as the Dzongkhag Hospital with a Doctor, DMO (Dzongkhag Medical Officer) supported by 4 BHUs Graded II. Some cases are also referred to IMTRAT military hospital, rendering public health services in the Dzongkhag.

Bje, Kar-tshog, Eusu and northern part of Samar Gewogs are within radius of 15 Kilometers from Dzongkhag administration and have fairly good road network and other Facilities like electricity, telephones connection, water supply, health and education coverage with better living conditions. Sombaykha and Gaykedling Gewog on the other hand are very remote and very relatively poor. It will take four and five days official walk to reach Gewog centers and tends scatters settlements, rugged terrain and lack of motor-able roads pose considerable problem in delivering developmental services to the peoples of those Gewogs, we are expected to have road network connecting two Gewog offices latest by end of 2013, however all the villages has full coverage of Mobile facilities, Tashi cell infocom and B. Moile.

In 2002, subsequent to the 79th session of the National Assembly, the valley was opened to foreign tourism. With the cultural sites of 40 lakhangs, which are owned by Government, Community and private individual.

Abbreviations

%: Percent	HSS: Higher Secondary School
< : Less than	Inst: Institute
> : Greater than	Kg: Kilogram
AIDS: Acquired Immune Deficiency Syndrome	LFS: Labor Force Survey
Avg: Average	LSS: Lower Secondary School
BHU: Basic Health Unit	Max: Maximum
BLSS: Bhutan Living Standard Survey	Min: Minimum
Cft: Cubic Feet	MSS: Middle Secondary School
CPS: Community Primary school	n.a: Not Available
DPTH: Diphtheria Parthusis Tetanus Hepatitis B	N.A: Not Applicable
DYT: Dzongkhag Yargye Tsogdue	NFE: Non Formal Education
FYP: Five Year Plan	Nu: Ngultrum
GDP: Gross Domestic Product	ORC: Outreach Clinic
GIS: (Infrastructure mapping): Geographical Infrastructure System	PAR: Poverty Analysis Report
Gm: Gram	PHCB: Population and Housing Census of Bhutan
GYT: Gewog Yargye Tshogchung	PP: Pre Primary
HIV: Human Immune Virus	PS: Primary School
Hr: Hour	Pvt: Private
	Qty: Quantity
	Sq. Km: Square Kilometer
	SYB: Statistical Yearbook
	TV: Television

Table 1. Population by Age-Group and Sex, Haa, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	11,648	11,832	12,020	12,209	12,399	12,585	12,777	12,963
0-4	995	1,249	1,329	1,407	1,483	1,558	1,548	1,535
5-9	1,237	1,228	1,196	1,169	1,146	1,127	1,207	1,286
10-14	1,473	1,323	1,302	1,279	1,254	1,229	1,196	1,167
15-19	1,490	1,301	1,306	1,309	1,308	1,301	1,290	1,272
20-24	1,171	1,224	1,233	1,242	1,251	1,258	1,265	1,273
25-29	1,045	1,097	1,120	1,139	1,158	1,173	1,188	1,201
30-34	799	914	945	977	1,008	1,038	1,064	1,088
35-39	798	763	784	805	828	854	883	915
40-44	592	619	642	666	690	713	735	756
45-49	519	510	524	538	554	572	593	616
50-54	405	421	432	444	456	469	483	496
55-59	306	345	352	361	370	380	391	402
60-64	251	279	284	290	297	303	311	319
65+	567	559	571	583	596	610	623	637
Male	6,284	6,378	6,475	6,576	6,674	6,769	6,868	6,962
0-4	512	646	688	730	770	810	805	799
5-9	636	638	621	607	595	585	627	669
10-14	766	693	681	669	655	642	624	608
15-19	742	690	691	691	689	684	677	667
20-24	721	669	670	671	672	672	673	675
25-29	605	609	621	631	640	646	651	654
30-34	452	513	530	547	563	579	592	605
35-39	456	430	442	454	467	481	497	514
40-44	341	344	358	373	388	402	415	427
45-49	282	281	289	297	307	317	330	344
50-54	207	231	237	244	251	258	266	273
55-59	174	188	192	197	202	208	214	220

60-64	123	151	154	157	161	164	169	173
65+	267	295	301	308	314	321	328	334
Female	5,364	5,454	5,545	5,633	5,725	5,816	5,909	6,001
0-4	483	603	641	677	713	748	743	736
5-9	601	590	575	562	551	542	580	617
10-14	707	630	621	610	599	587	572	559
15-19	748	611	615	618	619	617	613	605
20-24	450	555	563	571	579	586	592	598
25-29	440	488	499	508	518	527	537	547
30-34	347	401	415	430	445	459	472	483
35-39	342	333	342	351	361	373	386	401
40-44	251	275	284	293	302	311	320	329
45-49	237	229	235	241	247	255	263	272
50-54	198	190	195	200	205	211	217	223
55-59	132	157	160	164	168	172	177	182
60-64	128	128	130	133	136	139	142	146
65+	300	264	270	275	282	289	295	303

Note: Figures for the year 2006 onwards are based on the projected population (2006-2015)

Source: Dzongkhag Population Projection 2006-2015 and Population and Housing Census of Bhutan, National Statistics Bureau

Table 2. Population, Density and Sex Ratio, Haa, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	11,648	11,832	12,020	12,209	12,399	12,585	12,777	12,963
Population density (Persons per Sq. Km)	6	6	6	6	7	7	7	7
Population sex ratio	117	117	117	117	117	117	117	117

Note: Figures for the year 2006 onwards are based on the Dzongkhag Population Projection(2006-2015)

Source: Dzongkhag Population Projection 2006-2015 and Population and Housing Census of Bhutan, National Statistics Bureau

Table 3. Total Number of Live Births, Deaths, Marriages and Divorces, Haa, (2008 ~ 2011)

Age-group	2008	2009	2010	2011
Live births	214	154	210	205
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a
Total deaths	44	38	22	45
Male	22	19	11	n.a
Female	17	17	2	n.a
Infant deaths	n.a	n.a	1	0
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a
Marriages certificate issued.	n.a	n.a	n.a	n.a
Number of divorces	n.a	n.a	n.a	n.a

Source: Dzongkhag Health Sector & Court, Haa Dzongkhag

Table 4. Adolescent Birth rate and Total fertility rate, Haa, (2010)

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	53
Total fertility rate	2.2

Source: BMIS, 2010

Table 5. Early Childbearing, Haa, (2010)

Percentage of women age 15-19 who have had livebirth or who are pregnant with the first child; percentage of women age 15-19 who have begun childbearing before age 15, and the percentage of women age 20-24 who have had a live birth before age 18.

Details	2010
% of women age 15~19	7.5
Have had a live birth	2.6
Are pregnant with first child	1.1
Have begun childbearing	3.8
Have had a live birth before 15	n.a
Number of women age 15~19	36.0
% of women age 20~24 who have had a live birth before age 18	22.9
Number of women age 20~24	49.0

Source: BMIS, 2010

Table 6. Use of Contraception, Haa, (2010)

Details	2010
Percentage of Women age 15-49 Years Currently Married or in Union Who are using (or whose partner is using) a Contraceptive Method.	22.7
Not using any method	15
Percent of women (currently married or inunion) who are using	11
Female sterilization	3
Male sterilization	30.4
IUD	0.4
Injectables	8.5
Implants	8.5
Oral contraceptive Pill	
Male condom	n.a
Female condom	n.a
Foam/ jelly	n.a
Lactational amenorrhoea method (LAM)	
Periodic abstinence/ rhythm	0.2
Withdrawal	n.a
Other	n.a
Any modern method	77.1
Any traditional method	0.2
Any method	77.3
Number of women currently married or in union	201

Source: BMIS, 2010

Table 7. Antenatal Care Provider, Haa, (2010)

Percent Distribution of Women Aged 15~49 Who Gave Birth in The Survey by Type of Personnel Providing Antenatal Care.

Details	2010
Persons providing antenatal care	
Doctor	36.4
Nurse/ midwife	40.2
HA/ BHW	21
Assistant clinical officer (ACO)	n.a
Traditional birth attendant	n.a
Village health worker	n.a
Other/ missing	n.a
No antenatal care received	2.4
Total	100
At Least once by skilled personnel	97.5
Number of women who gave birth in the preceding 2 years	69

Source: BMIS, 2010

Table 8. Number of Antenatal Care Visits, Haa, (2010)

Percentage of Women Who had a Live Births During the Two Years Preceding the Survey by Number of Antenatal Care Visits by Any Provider.

Details	2010
Percent of women who had	
No antenatal care visits	2.4
1 Visits	2.4
2 Visits	2.1
3 Visits	7.3
4 or more visits	85.5
Missing/ DK	n.a

Total	100
Number of women who gave birth in the preceding 2 years	43

Source: BMIS, 2010

Table 9. Assistance During Delivery, Haa, (2010)

Percent Distribution of Women age 15-49 Who had a Live Birth in the Two Years Preceding the Survey by Person Assisting, at Delivery and Percentage of Births Delivered by C-section.

Details	2010
Person assisting at delivery	
Doctor	37.7
Nurse / Midwife	39
HA/BHW	8.6
Asst. clinical officer (ACO)	n.a
Traditional birth attendant	n.a
Village health worker	n.a
Relative / friend	12.8
Other/missing	1.9
No attendant	n.a
Total	100
Any skilled personnel	85.3
Percent delivered by C-section	22.1
Number of women who gave birth in preceding two years	43

Source: BMIS, 2010

Table 10. Place of Delivery, Haa, (2010)
 Percent Distribution of Women age 15-49 With a Birth in Two Years Preceding the Survey by Place of Delivery.

Details	2010
Place of delivery	
Public sector health facility	78.8
Private sector health facility	n.a
Home	21.2
Other	n.a
Total	100
Delivered in health facility [1]	78.8
Number of women who gave birth in preceding two years	43

Source: BMIS, 2010

Table 11. Health Infrastructures, Facilities and Personnel, Haa, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011
Number of hospitals	N.A	N.A	N.A	N.A	N.A
Number of BHUs	4	4	4	4	4
BHU grade I	1	1	1	1	1
BHU grade II	3	3	3	3	3
Number of ORCs	10	15	15	15	19
Number of indigenous units	1	1	1	1	1
Number of doctors	1	1	1	1	1
Number of hospital/BHU beds	10	15	15	15	15
Persons per doctor	1,202	12,209	12,399	12,585	13,703
Persons per hospital bed	n.a	n.a	n.a	n.a	n.a
Total morbidity attendance	n.a	n.a	n.a	n.a	n.a
Health assistants	7	8	8	9	7
Basic health workers	3	3	1	0	0
Sister and nurses	7	7	7	7	7
Technicians	6	6	6	7	6
Indigenous dungtsho	1	1	1	1	1
Indigenous compounders/Menpas	1	1	1	1	1
Malaria workers	N.A	N.A	N.A	N.A	N.A
Village health workers	20	27	29	33	32
Number of children immunized					
Polio	n.a	n.a	n.a	282	204
DPTH	n.a	n.a	n.a	167	211
Measles	n.a	n.a	n.a	178	222
BCG	n.a	n.a	n.a	125	135
Others	n.a	n.a	n.a	2,757	2,430

Source: Dzongkhag Health Sector, Haa Dzongkhag

Table 12. Hospital Admission and Average Length of Stay, Haa, (2007 ~ 2011)

Average admission	2008	2009	2010	2011
Hospital admission				
Total	598	540	407	382
Patient days	1362	1290	1337	1021
Average days	2.3	2.4	3.3	2.7
BHU admission	1	0	1	0

Source : Annual Health Bulletin, MoH

Table 13. Number of Surgeries, Haa, (2008 ~ 2011)

Details	2008	2009	2010	2011
Surgeries	274			
Caesarian Section	9	7	0	0
General Abdominal	68	176	0	0
General Others	143	871	0	0
Orthopaedic extremities	0	0	0	0
Orthopaedic Others	46	7	0	0
Gynaecology	8	11	0	0
ENT	0	0	0	0
Eye	0	0	0	0

Source: Annual Health Bulletin, MoH

Table 14. Number of Dental Services, Haa, (2008 ~ 2011)

Dental Services	2008	2009	2010	2011
Prophylaxis	500	627	22	43
Scaling	0	343	5	5
Fillings	1172	1115	238	277
Extractions	1297	1319	424	470
Others	1725	1087	513	671

Source: Annual Health Bulletin, MoH

Table 15: Number of Top Ten Morbidity, Haa, (2008~ 2011)

Priority health problem/ Disease	2008	2009	2010	2011
Common Cold	424	3,636	n.a	3,602
Peptic Ulcar Syndrome	91	1,417	n.a	1,126
Dental Carries	15	1,179	n.a	1,188
Digestive System	264	1,114	n.a	1,568
Other eye disorder	106	1,038	n.a	1,032
Dirrohea	118	947	n.a	N.A
Other disorder of skin and subcutaneous Tissue	N.A	845	n.a	995
Acute Pharyngitis/ Tonsillitis	N.A	659	n.a	854
Skin Infection	128	617	n.a	N.A
Other Respiratory and Nose Disease	N.A	562	n.a	976

Source: Dzongkhag Health Sector, Haa, Dzongkhag

Table 16. Child Disability, Haa, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	1
Difficulty seeing, either in the daytime or at night	1
Appears to have difficulty hearing	1.1
No understanding of instructions	2.5
stiffness	1.8
Have fits, become rigid, lose consciousness	1.4
Not learning to do things like other children his/her age	2.1
No speaking cannot be understood in words	7.2
Appears mentally backward, dull, or slow	2.5
Speech is not normal	5
Number of children aged 3-9 years	196
Cannot name at least one object	23.6
Number of children aged 2 years	27
reported disability*	19.2
Number of children aged 2-9 years	223

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Haa, (2010)

Percentage of children under age 5 by nutritional status according to three anthropometric indices: weight for age, height for age, and weight for height.

Nutritional Status	2010
Weight for age: % below -2 sd [1]	9.8
Weight for age: % below -3 sd [2]	1.4
Weight for age: Mean Z-Score (SD)	-0.8
Weight for age: Number of children	118
Height for age: % below -2 sd [3]	30.6
Height for age: % below -3 sd [4]	10.7
Height for age: Mean Z-Score (SD)	-1.4
Height for age: Number of children	118
Weight for height: % below -2 sd [5]	3.3
Weight for height: % below -3 sd [6]	0.4
Weight for height: % above +2 sd	4.8
Weight for height: Mean Z-Score (SD)	0
Weight for height: Number of children	116

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Haa, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey Who Were Ever Breastfed, Percentage Who Were Breastfed Within One Hour of Birth and Initial Breastfeeding

	2010
Percentage ever breastfed	97.8
Percentage who were first breastfed: Within one hour of birth	78
Percentage who were first breastfed: Within one day of birth	97.8
Percentage who received a prelacteal feed	5
Number of last-born children in the two years preceding the	43

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Haa, (2010)

Median duration of any breastfeeding, exclusive breastfeeding, and predominant breastfeeding among children age 0-35 months.

Duration of Breastfeeding	2010
Median duration (in months) of Any breastfeeding	21.4
Exclusive breastfeeding	2.2
Predominant breastfeeding	2.5
Number of children age 0-35 months	71

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Haa, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey That are Estimated to Have Weighed Below 2500 Grams at Birth and Percentage of Live

Low Birth Weight Infants	2010
Percent of live births Below 2500 grams Weighed at birth	7.4
Number of live births in the last 2 years	90.5
	43

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Haa, (2010)

Percentage of women age 15-49 years with a live birth in the last 2 years protected against neonatal tetanus.

Neonatal Tetanus Protection	2010
Pregnancy during last pregnancy but received 2 doses, the last within prior 3 years	74.8
3 doses, the last within prior 5 years	7.2
4 doses, the last within prior 10 years	0
5 or more doses during lifetime	0
Protected against tetanus [1]	82
Number of women with a live birth in the last 2 years	43

Source: BMIS, 2010

Table 22. Solid Fuel Use, Haa, (2010)

Solid Fuel Use	2010
Percentage of household members in households using Electricity	44.4
Liquefied Petroleum Gas (LPG)	39.6
Kerosene	0.6
Coal	0
Wood	15.3
Straw/Shrubs/Grass	0
No food cooked in household	0.1
Other	0
Total	100
Solid fuels for cooking	15.3
Number of household members	1312

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Haa, (2010)
 Percent distribution of household population according to main source of drinking water and percentage of household population using improved drinking

Water Sources	2010
Main source of drinking water	
Improved sources	55.4
Piped into dwelling	41.4
Piped into compound	0.6
Piped to neighbor	2.1
Public outdoor tap	0.1
Protected well	0.5
Spring	0
Rainwater collection	0
Bottled water	0
Unimproved sources	0
Unprotected well	0
Unprotected spring	0
Tanker-truck	0
Cart with small tank/drum	0
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	0
Other	0
Total	100
Percentage using improved sources of drinking water	100
Number of household members	1312

Source: BMIS, 2010

Table 24. Household Water Treatment, Haa, (2010)
Percentage of Household Population by Drinking Water Treatment Method Used in the Household, and for Household Members Living in Households Where an

Water Treatment	2010
Water treatment method used in the household	
None	4
Boil	94
Add bleach / chlorine	0
Strain through a cloth	1
Use water filter	29.1
Solar disinfection	0
Let it stand and settle	7.2
Other	0
Don't know	0
Number of household members unimproved drinking water sources and using an appropriate drinking water sources	1312 n.a n.a

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Haa, (2010)
 Percent Distribution of Household Population According to Time to go to Source of Drinking Water, Get Water and Return, for Users of Improved and Unimproved

Time to Source of Drinking Water	2010
Time to source of drinking water	
Users of improved drinking water sources	
Water on premises	99.3
Less than 30 minutes	0.3
30 minutes or more	0.4
Missing/DK	0
Users of unimproved drinking water sources	0
Water on premises	0
Less than 30 minutes	0
30 minutes or more	0
Missing/DK	0
Total members	100
	1312

Source: BMIS, 2010

Table 26. Types of Sanitation Facilities, Haa, (2010)
 Percent Distribution of Household Population According to Type of Toilet Facility Used by the Household

Time to Source of Drinking Water	2010
Type of toilet facility used by household	
Improved sanitation facility	
Flush toilet	0
Flush to septic tank (Without soak pit)	32.1
Flush to pit (latrine)	2.2
Flush to unknown place/not sure/DK where	0
Flush to septic tank (with soak pit)	26.8
Ventilated Improved Pit latrine (VIP)	1.5
Pit latrine with slab	5
Composing toilet	0
Unimproved sanitation facility	
Flush to somewhere else	0.3
Pit latrine without slab /open pit	14
Long drop latrine	17.9
Bucket	0
Other	0
Missing	0
Open defecation (no facility, bush, field)	0.2
No facility, bush, field	100
Total	1312
Number of household members	

Source: BMIS, 2010

Table 27. Number of Schools, Institutions, Teachers and Students, Haa, (2008 ~ 2012)

Details	College										Daycare Centres	Total
	CPs	PS	ISS	MSS	HSS	Pvt.	Other Inst.	NFE Centres	Daycare Centres	Total		
2008												
Number of schools and institutions	3	3	3	n.a	1	n.a	n.a	n.a	6	n.a	16	
Teaching staff	7	30	65	n.a	34	n.a	n.a	n.a	6	n.a	142	
Bhutanese	7	30	62	n.a	25	n.a	n.a	n.a	6	n.a	130	
Male	7	23	29	n.a	13	n.a	n.a	n.a	2	n.a	74	
Female	0	7	33	n.a	12	n.a	n.a	n.a	4	n.a	56	
Non-Bhutanese	0	0	2	n.a	7	n.a	n.a	n.a	0	n.a	9	
Male	0	0	1	n.a	6	n.a	n.a	n.a	0	n.a	7	
Female	0	0	1	n.a	1	n.a	n.a	n.a	0	n.a	2	
Temporary teachers	0	0	2	n.a	3	n.a	n.a	n.a	0	n.a	5	
Male	0	0	1	n.a	2	n.a	n.a	n.a	0	n.a	3	
Female	0	0	1	n.a	1	n.a	n.a	n.a	0	n.a	2	
Number of students	144	623	1429	n.a	666	n.a	n.a	n.a	107	n.a	2969	
Male	60	317	689	n.a	308	n.a	n.a	n.a	35	n.a	1409	
Female	84	306	740	n.a	358	n.a	n.a	n.a	72	n.a	1560	
Student to teacher ratio	20:01	21:01	22:01	n.a	20:01	n.a	n.a	n.a	18:01	n.a	21:01	
2009												
Number of schools and institutions	3	3	3	n.a	1	n.a	n.a	n.a	9	1	20	
Teaching staff	10	34	101	n.a	28	n.a	n.a	n.a	9	3	149	
Bhutanese	10	34	101	n.a	28	n.a	n.a	n.a	9	3	149	
Male	7	23	65	n.a	13	n.a	n.a	n.a	6	0	81	
Female	3	11	36	n.a	15	n.a	n.a	n.a	3	0	68	
Non-Bhutanese	0	0	0	n.a	0	n.a	n.a	n.a	0	0	0	
Male	0	0	0	n.a	0	n.a	n.a	n.a	0	0	0	
Female	0	0	0	n.a	0	n.a	n.a	n.a	0	0	0	

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Temporary teachers	0	0	0	n.a	0	n.a	n.a	n.a	0	0	0
Male	0	0	0	n.a	0	n.a	n.a	n.a	0	0	0
Female	0	0	0	n.a	0	n.a	n.a	n.a	0	0	0
Number of students	170	638	1,582	n.a	679	n.a	n.a	n.a	180	12	3,222
Male	74	318	816	n.a	323	n.a	n.a	n.a	75	7	1,587
Female	96	320	766	n.a	356	n.a	n.a	n.a	105	5	1,635
Student to teacher ratio	20:01	19:01	21:01	n.a	18:01	n.a	n.a	n.a	20:01	4:01	20:01
2010											
Number of schools and institutions	3	3	3	n.a	1	n.a	n.a	n.a	1	12	23
Teaching staff	9	35	68	n.a	27	n.a	n.a	n.a	2	12	158
Bhutanese	9	35	61	n.a	27	n.a	n.a	n.a	2	12	149
Male	6	22	25	n.a	15	n.a	n.a	n.a	1	5	74
Female	3	13	36	n.a	12	n.a	n.a	n.a	1	7	75
Non-Bhutanese	0	0	7	n.a	0	n.a	n.a	n.a	0	0	9
Male	0	0	6	n.a	0	n.a	n.a	n.a	0	0	7
Female	0	0	1	n.a	0	n.a	n.a	n.a	0	0	2
Temporary teachers	0	0	7	n.a	0	n.a	n.a	n.a	0	0	9
Male	0	0	5	n.a	0	n.a	n.a	n.a	0	0	7
Female	0	0	2	n.a	0	n.a	n.a	n.a	0	0	2
Number of students	166	625	1,582	n.a	656	n.a	n.a	n.a	43	245	3,327
Male	77	308	816	n.a	320	n.a	n.a	n.a	31	53	1,610
Female	89	317	766	n.a	336	n.a	n.a	n.a	12	192	1,717
Student to teacher ratio	19:01	18:01	24:01	n.a	16:01	n.a	n.a	n.a	22:01	20:01	20:01
2011											
Number of schools and institutions	2	3	3	n.a	1	n.a	n.a	n.a	2	12	24
Teaching staff	12	33	74	n.a	37	n.a	n.a	n.a	3	12	174
Bhutanese	12	33	72	n.a	37	n.a	n.a	n.a	3	12	172
Male	9	20	27	n.a	20	n.a	n.a	n.a	2	5	83
Female	3	13	45	n.a	17	n.a	n.a	n.a	1	7	89

Non-Bhutanese	0	0	2	n.a	0	n.a	n.a	0	0	0	2
Male	0	0	1	n.a	2	n.a	n.a	0	0	0	3
Female	0	0	1	n.a	1	n.a	n.a	0	0	0	2
Temporary teachers	0	0	6	n.a	9	n.a	n.a	0	0	0	15
Male	0	0	1	n.a	4	n.a	n.a	0	0	0	5
Female	0	3	5	n.a	5	n.a	n.a	0	0	0	13
Number of students	175	555	1,145	n.a	616	n.a	n.a	35	245	31	2,802
Male	83	258	836	n.a	307	n.a	n.a	19	53	18	1,574
Female	92	297	309	n.a	309	n.a	n.a	16	192	13	1,228
Student to teacher ratio	15:01	15:01	13:01	n.a	13:01	n.a	n.a	13:01	20:01	10:01	20:01
2012											
Number of schools and institutions	0	5	3	n.a	1	n.a	n.a	4*	16	1	30
Teaching staff	0	52	100	n.a	0	n.a	n.a	3	16	3	174
Bhutanese	0	52	100	n.a	0	n.a	n.a	3	16	3	174
Male	0	0	0	n.a	0	n.a	n.a	0	2	0	2
Female	0	0	0	n.a	0	n.a	n.a	0	14	3	17
Non-Bhutanese	0	0	0	n.a	0	n.a	n.a	0	8	0	8
Male	0	0	0	n.a	0	n.a	n.a	0	0	0	0
Female	0	0	0	n.a	0	n.a	n.a	0	0	0	0
Temporary teachers	0	0	0	n.a	0	n.a	n.a	0	0	0	0
Male	0	0	0	n.a	0	n.a	n.a	0	0	0	0
Female	0	0	0	n.a	0	n.a	n.a	0	0	0	0
Number of students	0	779	1535	n.a	591	n.a	n.a	98	161	13	3177
Male	0	368	785	n.a	298	n.a	n.a	65	47	6	1569
Female	0	411	750	n.a	293	n.a	n.a	33	114	7	1608
Student to teacher ratio	15:01	15:01	13:01	n.a	13:01	n.a	n.a	13:01	20:01	10:01	20:01

Note: * ECR=Extended Class Room

Source: Dzongkhag Education Sector, Haa Dzongkhag

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Table 28. School Enrolment by Grade and Sex, Haa, (2008~2012)

Class	2008	2009	2010	2011	2012
Primary level					
Total	1864	1954	1951	1927	1964
Class PP	279	341	331	261	243
Class I	331	314	330	315	274
Class II	306	298	274	302	354
Class III	241	341	279	253	301
Class IV	227	233	320	285	271
Class V	232	197	230	286	257
Class VI	248	230	187	225	264
Male					
Total	927	993	1002	971	996
Class PP	146	180	182	131	123
Class I	171	158	176	163	144
Class II	148	153	142	156	195
Class III	114	171	141	130	159
Class IV	116	125	159	140	131
Class V	110	89	121	135	125
Class VI	122	117	81	116	119
Female					
Total	937	961	949	956	968
Class PP	133	161	149	130	120
Class I	160	156	154	152	130
Class II	158	145	132	146	159
Class III	127	170	138	123	142
Class IV	111	108	161	145	140
Class V	122	108	109	151	132
Class VI	126	113	106	109	145
Secondary level					
Total	1020	1088	1131	1094	1039
Class VII	250	252	259	218	245
Class VIII	272	241	216	260	203
Class IX	203	266	254	215	230
Class X	195	179	226	226	184
Class XI	50	89	90	92	90
Class XII	50	61	86	83	87
Male					
Total	463	519	555	539	520
Class VII	118	121	133	95	131
Class VIII	105	119	102	137	91
Class IX	87	105	132	93	117
Class X	92	79	87	117	83
Class XI	30	54	51	46	52
Class XII	31	41	50	51	46
Female					
Total	557	569	576	555	519
Class VII	132	131	126	123	114
Class VIII	167	122	114	123	112
Class IX	116	161	122	122	113
Class X	103	100	139	109	101
Class XI	20	35	39	46	38
Class XII	19	20	36	32	41

Source: Dzongkhag Education Sector, Haa Dzongkhag

Table 29. Student by Age-Group, Sex and by Level, Haa, (2008~2012)

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total	1864	1954	1955	0	0
Age < 6 years	25	36	52	0	0
Age 6-12 years	844	1235	940	0	0
Age 13 & above	995	683	963	0	0
Male	927	993	1002	0	0
Age < 6 years	13	19	24	0	0
Age 6-12 years	415	622	507	0	0
Age 13 & above	499	352	471	0	0
Female	937	961	953	0	0
Age < 6 years	12	17	28	0	0
Age 6-12 years	429	613	433	0	0
Age 13 & above	496	331	492	0	0
Student in LSS level (Class VII-VIII)					
Total	462	493	478	0	0
Age < 13 years	38	42	47	0	0
Age 13-14 years	262	233	239	0	0
Age 15 & above	162	218	192	0	0
Male	233	240	235	0	0
Age < 13 years	17	18	22	0	0
Age 13-14 years	132	112	114	0	0
Age 15 & above	84	110	99	0	0
Female	229	253	243	0	0
Age < 13 years	21	24	25	0	0
Age 13-14 years	130	121	125	0	0
Age 15 & above	78	108	93	0	0
Students in MSS level (Class IX-X)					
Total	2289	2328	2347	0	0
Age < 15 years	23	41	41	0	0
Age 15-16 years	2097	2103	2117	0	0
Age 17 & above	169	184	189	0	0
Male	179	184	219	0	0
Age < 15 years	13	18	20	0	0
Age 15-16 years	89	94	107	0	0
Age 17 & above	77	72	92	0	0
Female	2110	2144	2128	0	0
Age < 15 years	10	23	21	0	0
Age 15-16 years	2008	2009	2010	0	0
Age 17 & above	92	112	97	0	0

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Students in HSS level
(Class XI-XII)

Total	100	149	176	0	0
Age < 17 years	19	38	33	0	0
Age 17-18 years	48	67	93	0	0
Age 19 & above	33	44	50	0	0
Male	61	94	101	0	0
Age < 17 years	10	20	20	0	0
Age 17-18 years	28	44	52	0	0
Age 19 & above	23	30	29	0	0
Female	39	55	75	0	0
Age < 17 years	9	18	13	0	0
Age 17-18 years	20	23	41	0	0
Age 19 & above	10	14	21	0	0

Source: Education Sector, Haa Dzongkhag

Table 30. Literacy Among Young Women, Haa, (2010)

Literacy Among Young Women	2010
Percentage literate	59.8
Percentage not known	0
Number of women age 15-24 years	85

Source: BMIS, 2010

Table 31. School Readiness, Haa, (2010)

Percentage of children attending first grade of primary school who attended pre-school the previous year.

School Readiness	2010
Percentage of children attending first grade who attended preschool in previous year	3.6
Number of children attending first grade of primary school	30

Source: BMIS, 2010

Table 32. Primary School Entry, Haa, (2010)

Percentage of Children of Primary School Entry Age Entering Grade 1 Primary School Entry	2010
Percentage of children of primary school entry age entering grade 1	69.2
Number of children of primary school entry age	31

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Haa, (2010)

Percentage of children entering first grade of primary school who eventually reach the last grade of primary school (Survival rate to last grade of primary school)

Details	2010
Percent attending grade 1 last year who are in grade 2 this year	98.9
Percent attending grade 2 last year who are attending grade 3 this year	n.a
Percent attending grade 3 last year who are attending grade 4 this year	n.a
Percent attending grade 4 last year who are attending grade 5 this year	n.a
Percent attending grade 5 last year who are attending grade 6 this year	n.a
Percent who reach grade 6 of those who enter grade 0	n.a

Source: BMIS, 2010

Table 34. Education Gender Parity, Haa, (2010)

Education gender parity Ratio of adjusted net attendance ratios of girls to boys, in primary and secondary school

Education Gender Parity	2010
Primary school adjusted net attendance ratio (NAR), girls	96.6
Primary school adjusted net attendance ratio (NAR), boys	91.3
Gender parity index (GPI) for primary school adjusted NAR	1.06
Secondary school adjusted net attendance ratio (NAR), girls	70.1
Secondary school adjusted net attendance ratio (NAR), boys	59.7
Gender parity index (GPI) for secondary school adjusted NAR	1.17

Source: BMIS, 2010

Table 35. Summary of Crime Reports by Nature of Crime, Haa, (2009 ~ 2011)

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy	0	0	1
Homicide	0	0	0
Assault, battery and related offences	7	3	4
Kidnapping and related offences	0	0	0
Sexual offence	0	0	0
Offence against infant, child, mentally disabled and incompetent person	0	0	0
Arson and related offences	0	0	3
Burglary, trespass and related offences	8	13	0
Larceny, robbery, armed robbery and related offences	10	10	4
Money laundering and smuggling	0	0	0
Embezzlement and bribery	0	0	0
Forgery and related offences	0	0	0
Defamation and related offences	0	0	0
Treason, terrorism and related offences	0	0	0
Offences against cultural and national heritage	0	0	0
Offences against judicial authority	0	0	0
Prostitution and related offences	0	0	0
Offences against the public welfare	0	0	4
Offences related to public and civic duties	0	0	1
Offences related to public order and tranquillity	0	0	0
Offences against privacy	0	0	0

Computer offences	0	0	0
Offences related to firearms and weapons	0	0	1
Offences related to protected species, controlled and other harmful substances	0	2	0
Motor vehicle offences	1	1	3
Others	0	0	1
Total crimes	26	29	22

Source: Royal Bhutan Police, Haa Dzongkhag

Table 36. Monthly Motor Vehicle Accidents, Haa, (2009~ 2011)

Month	(Incident)		
	2009	2010	2011
January	0	0	0
February	0	0	1
March	0	0	0
April	0	0	1
May	0	0	0
June	0	0	0
July	1	0	0
August	0	0	0
September	0	0	0
October	0	1	0
November	0	0	0
December	0	0	1
Total	1	1	3

Source: Royal Bhutan Police, Haa Dzongkhag

Table 37. Causes of Motor Vehicle Accidents, Haa, (2009~2011)

Details	(Incident)		
	2009	2010	2011
Mechanical fault	0	0	0
Drunk driving	0	0	1
Bad weather	0	0	1
Without licence	0	1	1
Unknown causes	1	0	0
Other causes	0	0	0
All causes	1	1	3

Source: Royal Bhutan Police, Haa Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Haa, (2010)

Details	2010
Percentage of women age 15-49 years who believe a husband is justified in beating his wife/partner	
If goes out without telling him	19.3
If she neglects the children	51
If she argues with him	19.2
If she refuses sex with him	21.5
If she burns the food	6.2
For any of these reasons	60.9
Number of women age 15-49 years	282

Table 39. Land Area and Damages Caused by Types, Haa, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Dzongkhag area (Sq. Km)	1,899.02	1,899.02	1,899.02	1,899.02	1,899.02
Total cultivated land (Acres) ¹	n.a	n.a	13,766.67	13,766.67	13,766.67
Damages caused by landslides ²					
Farmland (acres)	n.a	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a	n.a
Damages caused by floods ²					
Farmland (acres)	n.a	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a	n.a
Crops affected by drought (acres)	n.a	n.a	11	70	n.a
Crops damaged by wild animals (acres)	n.a	n.a	69	384	n.a
Incidence of earthquake (Number of cases reported) ²	n.a	n.a	n.a	1	n.a
Houses damaged by earthquakes (Number)	n.a	n.a	n.a	115	n.a
Number of forest fires ³	n.a	n.a	n.a	n.a	n.a
Acreage destroyed by forest fires	n.a	n.a	n.a	n.a	n.a
Acreage of reforestation ³	n.a	n.a	n.a	n.a	n.a
Houses/structures damaged by fires (Number) ³	n.a	3	14	4	6

Source: 1Agriculture Sector, 2Dzongkhag Diasater Management Unit, 3 Forest Sector, Haa Dzongkhag

Table 40. Average Monthly Temperature (Degree Centigrade), Haa, (2010 & 2011)

Month/ Temperature	2010			2011		
	(Degree Celsius)			(Degree Celsius)		
	Maximum	Minimum	Average	Maximum	Minimum	Average
January	10.70	-4.70	3.00	10.2	-6.60	1.80
February	11.00	-2.60	4.20	12.9	-4.70	4.10
March	13.30	1.10	7.20	14.7	-1.70	6.50
April	n.a	5.10	10.40	16.6	2.90	9.75
May	n.a	8.90	13.60	19.2	8.50	13.85
June	n.a	12.70	16.20	20.8	12.40	16.60
July	n.a	14.30	17.50	20.5	14.80	17.65
August	n.a	13.90	17.30	21.4	13.40	17.40
September	19.10	11.90	15.50	20	10.70	15.35
October	16.90	5.80	11.35	18.2	3.70	10.95
November	14.50	0.10	7.30	14.4	7.30	10.85
December	12.10	-3.50	4.30	11.8	4.15	7.98
Annual	8.13	5.25	6.69	16.7	10.50	13.60

Source: SYB, NSB

Table 41. Average Monthly Rainfall, Haa, (2010 & 2011)

Month/ Monthly Rainfall	2010		2011	
	Station Namjeyling	Station Namjeyling	Station Namjeyling	Station Namjeyling
January		0		0
February		0		17.4
March		31.3		12.2
April		42		60.9
May		195.5		54.7
June		65.1		148.1
July		85		110.9
August		159.6		189.3
September		67.4		162.7
October		164.7		23.2
November		3.1		5.3
December		0		0
Annual		813.7		784.7

Source: SYB, NSB

Table 42. Percentage of Forest Coverage, Number of Protected Spring and Lakes, Haa, (2010)

Details	2010
Forest coverage (%)	74.0
Number of snow fall at Dzongkhag headquarter	6
Number of Protected spring water sources	n.a
Number of Lakes	n.a

Source: Tenth Plan Documents, GNHC and Dzonglhaq Administration, Haa

Table 43. Disposal of Childs Faeces, Haa, (2010)

Percent distribution of children age 0-2 years according to place of disposal of child's faeces, and the percentage of children age 0-2 years whose stools were

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	25.4
Put / Rinsed into toilet or latrine	42.5
Put / Rinsed into drain or ditch	18.9
Thrown into garbage (solid waste)	10.6
Buried	0.5
Left in the open	2
Other	0
Total	100
Percentage of children whose stools were disposed of safely	68
Number of children age 0-2 years	71

Source: BMIS 2010

Table 44. Parliamentary and Local Government Representatives, Haa, (2008 & 2011)

Details	2008	2011
Local governance (Number)		
Parliamentarians	3	3
Male	3	3
Female	0	0
Gups	6	6
Male	6	6
Female	0	0
Total gewog tshogpas	43	29
Male	42	28
Female	1	1
Total Mangmis	6	6
Male	5	6
Female	1	0
DT members	12	13
Male	11	13
Female	1	0
GT members	55	42
Male	53	41
Female	2	1
Polling stations	27	31
Eligible voters (18 years and above)	n.a	6266
Male	n.a	2968
Female	n.a	3298
% of Voters turnout during election	n.a	67
Male	n.a	66
Female	n.a	69
Total election staff in Dzongkhag	3	3
Male	3	1
Female	0	2

Source: 1Gewog Administration, 2Election Sector, Haa Dzongkhag.

Table 45. Parliamentary and Local Government Election Expenditures, Haa, (2008 & 2011)

Details	Amount (Nu)
2008	
Parliamentarians (Number)	280000
National council	130000
National assembly	150000
2011	
Local government	2400000
Gup	n.a
Mangmi	n.a
Tsogpa	n.a

Source: Election Office, Haa Dzongkhag

Table 46. Royal Government Finances Expenditures at Dzongkhag Level, Haa, (2008~2012)

Details	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	Total Expenditure 2008-2012	Total Expenditure 2008-2012
Sectors						
Adm & Management	n.a	n.a	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a	n.a	n.a
Works & Human Settlement	n.a	n.a	n.a	n.a	n.a	n.a
Religion & Culture	n.a	n.a	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a	n.a	n.a

Source: Planning & Finance Section, Haa Dzongkhag

Table 47. Dzongkhag 9th and 10th Five Year Plan Outlays, Haa

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	38.315
Agriculture	n.a	n.a	n.a	50.145
Livestock	n.a	n.a	n.a	24.011
Forestry	n.a	n.a	n.a	15.850
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	37.285
Urban development & housing	n.a	n.a	n.a	49.456
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	215.062

Source: 10th Five year plan publication, Haa

Table 48. Dzongkhag 9th and 10th Five Year Plan Expenditures, Haa

Sectors	(in million Nu.)			
	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan expenditure	n.a	n.a	n.a	n.a

Source: Dzongkhag Administration, Haa Dzongkhag

Table 49. Gewog 9th and 10th Five Year Plan Outlays, Haa

(In million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a

Source: Planning Unit, Haa Dzongkhag

Table 50. Gewog 9th and 10th Five Year Plan by Expenditures, Haa (In million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads & bridges	n.a	n.a	n.a	n.a
Religion & cultural	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & Industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a

Source:Dzongkhag Administration, Haa Dzongkhag

Table 51. Employed Persons by Age, Sex and Area of Residence, Haa, (2010 ~ 2012)

Details	(Number)		
	2010	2011	2012
Total	6000	6300	6944
Male	3200	2900	3550
Female	2800	2800	3489
Rural Total	4700	5400	6075
Male	2500	2400	3085
Female	2200	3000	2990
Urban Total	300	900	869
Male	200	500	465
Female	100	400	404

Source: Labour Force Survey, MoLHR

Table 52. Employment by Industries, Age Group and Sex, Haa, (2009 ~ 2012)

Details	2009	2010	2011	2012
Total labour force (Number)	4966	6100	6300	6,972
Total employed (%)	97.60	100.00	100.00	n.a
Male	97.80	54.10	46.03	n.a
Female	97.20	45.90	53.97	n.a
Unemployment rate	4.00	1.60	0.00	n.a
Total employed in Agriculture (%)	59.11	n.a	n.a	n.a
Male	72.12	n.a	n.a	n.a
Female	0.00	n.a	n.a	n.a
Total employed in Industries (%)	n.a	n.a	n.a	n.a
Male	4.00	n.a	n.a	n.a
Female	9.05	n.a	n.a	n.a
Total employed in Services (%)	n.a	n.a	n.a	n.a
Male	16.06	n.a	n.a	n.a
Female	4.32	n.a	n.a	n.a
Total unemployed by area (%)	n.a	n.a	n.a	n.a
Urban	n.a	n.a	n.a	n.a
Rural	n.a	n.a	n.a	n.a
Total un-employed by education (%)	n.a	n.a	n.a	n.a
Total un-employed grade XII and above	n.a	n.a	n.a	n.a
Total un-employed below grade XII	n.a	n.a	n.a	n.a
Total under employed (%)	n.a	n.a	n.a	n.a
Employed by age-group (%)	79.90	n.a	n.a	n.a
15-17 years	91.30	n.a	n.a	n.a
18-24 years	96.60	n.a	n.a	n.a
25-64 years	100.00	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a	n.a
Unemployed by age-group (%)	n.a	n.a	n.a	n.a
15-17 years	20.10	n.a	n.a	n.a
18-24 years	8.70	n.a	n.a	n.a
25-64 years	3.10	n.a	n.a	n.a
65 years and above	0.00	n.a	n.a	n.a

Labor force participation rate (%)	n.a	n.a	n.a	62.50
Male participation rate	72.80	n.a	n.a	64.50
Female participation rate	64.50	n.a	n.a	60.60

Source: Labour Force Survey, MoLHR

Table 53. Child Labour, Haa, (2010)
Percentage of Children by Involvement in Economic Activity and Household Chores During the Past Week, According to Age Groups, and Percentage of Children Age 5-14 Involved in Child Labour

Child labour	2010
Percentage of children age 5-11 involved in	
Economic activity	0.20
Working outside household	0.00
Paid work	0.20
Unpaid work	23.50
Working for family business	23.70
Economic activity for at least one hour	39.10
Household chores less than 28 hours	0.00
Household chores for 28 hours or more	23.70
Child labour	200
Number of children age 5-11	
Percentage of children age 12-14 involved in	
Economic activity	1.00
Working outside household	0.00
Paid work	1.00
Unpaid work	29.40
Working for family business	29.50
Economic activity less than 14 hours	0.40
Economic activity for 14 hours or more	60.50
Household chores less than 28 hours	
Household chores for 28 hours or more	0.80

Child labour	0.80
Number of children age 12-14	98.00
Total child labour [1]	16.20
Number of children age 5-14 years	298.00

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Haa, (2010)

Percentage of children age 5-14 years involved in child labour who are attending school, and percentage of children age 5-14 years attending school who are involved in child labour

Child Labour and School Attendance	2010
Percentage of children involved in child labour	16.20
Percentage of children attending school	89.20
Number of children age 5-14 years	298.00
Percentage of child labourers who are attending school	87.40
Number of children age 5-14 years involved in child labour	48.00
Percentage of children attending school who are involved in child labour	15.80
Number of children age 5-14 years attending school	266.00

Source: BMIS, 2010

Table 55. Agriculture Production and Average Prices by Commodities, Haa, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Paddy					
Area (Acres)	655.16	159.00	41.40	337.00	124.90
Production (MT)	696.50	137.57	20.23	236.00	258.20
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Maize					
Area (Acres)	682.22	276.50	147.47	337.00	224.00
Production (MT)	281.68	240.39	105.87	236.00	262.00
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Wheat					
Area (Acres)	1,112.00	588.00	726.00	1,016.00	772.61
Production (MT)	613.00	216.70	216.07	1,414.00	429.19
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Barley					
Area (Acres)	245.31	83.00	34.82	9.00	120.38
Production (MT)	115,670.00	29.92	35.06	12.00	81.70
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Buckwheat					
Area (Acres)	948.57	640.00	244.33	440.00	650.00
Production (MT)	462.27	225.07	89.27	255.00	201.43
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Millet					
Area (Acres)	105.70	135.50	62.09	109.00	121.00
Production (MT)	269.17	36.04	33.53	66.00	50.50
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Fruits					
Apples					
Number of fruit bearing trees	27,258.00	20,126.00	2,730.00	9,846.00	17,681.00
Production (Kg)	309,451.00	469,460.00	8,960.00	219,000.00	577.70
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Oranges/ Mandarin					
Number of fruit bearing trees	340.00	2,709.00	29.00	651.00	1,074.00
Production (Kg)	7,480.00	24,352.00	5,400.00	16,000.00	63,280.00
Price per Kg(Nu.)	NA	NA	NA	NA	NA

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Banana									
Number of fruit bearing trees	2,557.00	460.00	410.00	798.00	708.00				
Production (Kg)	15,686.00	5,460.00	5,033.00	18,000.00	18,000.00				
Price per Dozen(Nu.)	NA	NA	NA	NA	NA				
Peach									
Number of fruit bearing trees	1,115.00	426.00	49.00	318.00	356.00				
Production (Kg)	26,758.00	8,771.00	1,138.00	7,000.00	32,800.00				
Price per Kg(Nu.)	NA	NA	NA	NA	NA				
Walnut									
Number of fruit bearing trees	1,305.00	435.00	207.00	132.00	58.00				
Production (Kg)	19,303.00	6,670.00	1,349.00	2,000.00	1.16				
Price per Kg(Nu.)	NA	NA	NA	NA	NA				
Areca Nut									
Production (Pon)	NA	NA	NA	NA	NA				
Production (Nu.)	NA	NA	NA	NA	NA				
Price per 80 Piece/ Pon(Nu.)	NA	NA	NA	NA	NA				
Vegetables and Spices									
Potato									
Production (kg)	2,184,781.00	1,827,920.00	175,000.00	2,277,000.00	1,732,780.00				
Production (Nu.)	NA	NA	NA	NA	NA				
Price per Kg(Nu.)	NA	NA	NA	NA	NA				
Chili									
Production (kg)	48,000.00	NA	2,432.00	65,000.00	55,800.00				
Production (Nu.)	NA	NA	NA	NA	NA				
Price per Kg(Nu.)	NA	NA	NA	NA	NA				
Onion									
Production (kg)	NA	NA	NA	NA	NA				
Production (Nu.)	NA	NA	NA	NA	NA				
Price per Kg(Nu.)	NA	NA	NA	NA	NA				
Cabbage									
Production (kg)	32,745.00	14,660.00	45,748.00	31,000.00	57,610.00				
Production (Nu.)	NA	NA	NA	NA	NA				
Price per Kg(Nu.)	NA	NA	NA	NA	NA				

Cauliflower	74,053.00	23,000.00	33,700.00	8,000.00	8,000.00
Production (kg)	NA	NA	NA	NA	NA
Production (Nu.)	NA	NA	NA	NA	NA
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Asparagus	1,333.00	1,345.00	1,641.00	1,000.00	1,300.00
Production (Bundles)	NA	NA	NA	NA	NA
Production (Nu.)	NA	NA	NA	NA	NA
Price per bundle (Nu.)	NA	NA	NA	NA	NA
Tomato	NA	NA	NA	NA	NA
Production (Kg)	NA	NA	NA	NA	NA
Production (Nu.)	NA	NA	NA	NA	NA
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Carrot	NA	NA	NA	NA	NA
Production (Kg)	NA	NA	NA	NA	NA
Production (Nu.)	NA	NA	NA	NA	NA
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Egg Plant (Brinjal)	NA	NA	NA	NA	NA
Production (Kg)	NA	NA	NA	NA	NA
Production (Nu.)	NA	NA	NA	NA	NA
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Raddish	NA	NA	NA	NA	NA
Production (Kg)	NA	NA	NA	NA	NA
Production (Nu.)	NA	NA	NA	NA	NA
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Ginger	NA	NA	NA	NA	NA
Production (Kg)	NA	NA	NA	NA	NA
Production (Nu.)	NA	NA	NA	NA	NA
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Cardamom	57,746.00	32,410.00	7,280.00	34,000.00	91,600.00
Production (Kg)	NA	NA	NA	NA	NA
Production (Nu.)	NA	NA	NA	NA	NA
Price per Kg(Nu.)	NA	NA	NA	NA	NA
Garlic	24,699.00	2,665.00	4,687.00	3,000.00	7,108.00
Production (Kg)	NA	NA	NA	NA	NA
Production (Nu.)	NA	NA	NA	NA	NA
Price per Kg(Nu.)	NA	NA	NA	NA	NA

Oil seeds and legumes						
Lentils						
Production (Kg)	NA	NA	NA	NA	NA	NA
Production (Nu.)	NA	NA	NA	NA	NA	NA
Price per Kg(Nu.)	NA	NA	NA	NA	NA	NA
Mustards						
Production (Kg)	52,570.46	21,212.00	8,943.00	33,000.00	31,920.00	
Production (Nu.)	NA	NA	NA	NA	NA	NA
Price per Kg(Nu.)	NA	NA	NA	NA	NA	NA
Beans						
Production (Kg)	3,054,419.00	40,000.00	9,433.00	24,180.00	16,300.00	
Production (Nu.)	NA	NA	NA	NA	NA	NA
Price per Kg(Nu.)	NA	NA	NA	NA	NA	NA

Source: Agriculture Sector, Haa Dzongkhag

Note: The area of cultivation and production for **Buck Wheat** is inclusive of **Bitter Buck Wheat** and **Sweet Buck Wheat**

Table 56. Agriculture Infrastructures and Other Facilities , Haa, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Irrigation for agriculture					
Number of irrigation channels	10	n.a	n.a	n.a	n.a
Functional	8	n.a	n.a	n.a	n.a
Non-Functional	2	n.a	n.a	n.a	n.a
Total length of channels (Km)	17.22	n.a	n.a	n.a	n.a
Area covered by irrigation	218	n.a	n.a	n.a	n.a
Number of households benefitted	Households of 10 villages	n.a	n.a	n.a	n.a
Number of food processing units	n.a	n.a	n.a	n.a	n.a
Number of agriculture mills ¹	n.a	n.a	n.a	n.a	n.a
Number of livestock product	n.a	n.a	1	1	n.a
Number of farmer association/groups	n.a	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	6	n.a
Livestock	n.a	n.a	n.a	2	n.a
Forestry	n.a	n.a	n.a	18	n.a
Number of power tillers	n.a	n.a	n.a	n.a	n.a

Note: ¹Including two traditional mills

Source: Agriculture Sector, Haa Dzongkhag

Table 57: Livestock Population by Types, Haa, (2007~2011)

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle	n.a	n.a	n.a	n.a	6442
Local breed	n.a	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a
Improved breed	n.a	n.a	n.a	n.a	3597
Male	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a
Mithun	n.a	n.a	n.a	n.a	0
Bufallo	n.a	n.a	n.a	n.a	N.A
Male	n.a	n.a	n.a	n.a	N.A
Female	n.a	n.a	n.a	n.a	N.A
Horse	n.a	n.a	n.a	n.a	542
Local breed	n.a	n.a	n.a	n.a	542
Improved breed	n.a	n.a	n.a	n.a	0
Yak	n.a	n.a	n.a	n.a	4763
Male	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a
Sheep	n.a	n.a	n.a	n.a	n.a
Local breed	n.a	n.a	n.a	n.a	n.a
Improved breed	n.a	n.a	n.a	n.a	n.a
Pig	n.a	n.a	n.a	n.a	444
Local breed	n.a	n.a	n.a	n.a	369
Improved breed	n.a	n.a	n.a	n.a	75
Poultry	n.a	n.a	n.a	n.a	7118
Local breed	n.a	n.a	n.a	n.a	2869
Improved breed	n.a	n.a	n.a	n.a	4249
Goat	n.a	n.a	n.a	n.a	167

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Haa Dzongkhag

Table 58: Livestock Productions, Haa, (2007~2011)

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	n.a	n.a	n.a	n.a	1,142,931
Price per liter (Nu.)	n.a	n.a	n.a	n.a	n.a
Butter (Kg)	n.a	n.a	n.a	n.a	40,963
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Fresh Cheese (Kg)	n.a	n.a	n.a	n.a	57,519
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Processed cheese (kg)	n.a	n.a	n.a	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Eggs (dozen)	n.a	n.a	n.a	n.a	521,272
Price per piece (Nu.)	n.a	n.a	n.a	n.a	n.a
Fish (Kg)	n.a	n.a	n.a	n.a	41,954
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Beef (Kg)	n.a	n.a	n.a	n.a	5,560
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Pork (Kg)	n.a	n.a	n.a	n.a	10,785
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Yak Meat (Kg)	n.a	n.a	n.a	n.a	34,457
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Mutton (Kg)	n.a	n.a	n.a	n.a	131
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Honey (Liters)	n.a	n.a	n.a	n.a	N.A
Price per liter (Nu.)	n.a	n.a	n.a	n.a	n.a
Chicken (Kg)	n.a	n.a	n.a	n.a	125
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a

Source: Livestock Sector, Haa Dzongkhag

Table 59. Forestry Productions, Haa, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Wood Forest Product					
Log Form (Cft)	2,500	n.a	n.a	n.a	n.a
Price per Cft(Nu.)	n.a	n.a	n.a	n.a	n.a
Fire wood (Cubic metres)	n.a	n.a	15,700	9,252	n.a
Price per Cubic metre(Nu.)	n.a	n.a	n.a	n.a	n.a
Flag Poles (Number of trees)	2,377	960	1,275	1,832	n.a
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Shinglap (Number of trees)	426	433	615	730	n.a
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Cham (Number of trees)	3,969	3,846	4,757	5,320	n.a
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Tsim (Number of trees)	3,947	4,901	4,750	5,320	n.a
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Non-Wood Forest Product					
Mushroom (Kg)	n.a	n.a	n.a	n.a	n.a
Mushroom (Nu.)	n.a	n.a	n.a	n.a	n.a
Medicinal and Aromatic plants (Kg)	n.a	n.a	n.a	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Cordyceps (Kg)	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Sand (Truck load)	n.a	n.a	n.a	n.a	n.a
Price per cft(Nu.)	n.a	n.a	n.a	n.a	n.a
Stones (Truck load)	n.a	n.a	n.a	n.a	n.a
Price per cft(Nu.)	n.a	n.a	n.a	n.a	n.a
Bamboo (Number)	n.a	n.a	n.a	n.a	n.a
Price per piece (Nu.)	n.a	n.a	n.a	n.a	n.a
Cane (Piece)	n.a	n.a	n.a	n.a	n.a

Price per piece (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Lemon grass (liter)	n.a	n.a	n.a	n.a	n.a	n.a
Price per liter (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Mining Sites (Number)	n.a	n.a	n.a	n.a	n.a	n.a
Quarry Sites	n.a	n.a	n.a	n.a	n.a	n.a
Municipal Waste Disposal Sites	1	1	1	1	1	1
Environmental Clearance Issued	n.a	1	1	6	10	20

Note: Cordyceps amount collected only for auction royalty charges.

Source: Divisional Forest, Haa

Table 60. Electricity Generating Stations and Capacities, Haa, (2009 & 2011)

Stations	2009			2010			2011		
	Installed capacity (no.x MW)	Generating capacity (MW)	Peak generation (MU)	Installed capacity (no.x MW)	Generating capacity (MW)	Peak generation (MU)	Installed capacity (no.x MW)	Generating capacity (MW)	Peak generation (MU)
Diesel generation stations	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Other diesel stations	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Source: Department of Energy, MoEA, Haa

Table 61. Number of Households by Area, Haa, (2009 ~ 2012)

Details	2009	2010	2011	2012
Total number of household in Urban	424	424	424	424
Total number of household in Rural	1866	1866	1866	1866

Sorce: PHCB, 2005

Table 62. Number of Building Permits issued by Towns, Haa, (2009 ~ 2012)

new builidings	2009	2010	2011	2012
Haa Throm	n.a	n.a	n.a	n.a
	n.a	n.a	n.a	n.a
	n.a	n.a	n.a	n.a

Source: Dzongkhag Municipal, Haa Dzongkhag

Table 63. Number of Establishment by Type and Size, Haa, (2009 ~ 2010)

Details	2009	2010
Industries by type (Number)		
Agro based	n.a	4
Forestry based	n.a	0
Mineral based	n.a	3
Others	n.a	0
Industries by scale (Number)		
Large	n.a	1
Medium	n.a	10
Small	n.a	0
Cottage	n.a	0
Contract firms (Number)		
Large	n.a	10
Medium	n.a	17*
Small	n.a	n.a
	n.a	n.a
	n.a	n.a

Source: Regional Trade Office, Haa

Note: * number of contract licences issued

Table 64. Number of Wholesale, Retail Trade and Industrial Licenses Issued, Haa, (2007 ~ 2011)

Details	(Number)				
	2007	2008	2009	2010	2011
Trade and Industries					
Micro & retail trade licences issued	n.a	n.a	n.a	n.a	n.a
Micro & retail trade licences in operation	n.a	n.a	n.a	n.a	n.a
Wholesale trade licences issued	n.a	n.a	n.a	n.a	n.a
Wholesale trade licences in operation	n.a	n.a	n.a	n.a	n.a
Services licences issued	n.a	n.a	n.a	n.a	n.a
Services licences in operation	n.a	n.a	n.a	n.a	n.a
Manufacturing licences issued	n.a	n.a	n.a	n.a	n.a
Manufacturing licenses in operation	n.a	n.a	n.a	n.a	n.a

Source: Regional Trade Office, Haa

Table 65. Number of Public Transport and Facilities, Haa, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Public Service Transport					
Bus	3	3	3	3	3
Taxi	21	23	25	28	31
Motor vehicle registration					
Heavy	18	18	21	27	31
Medium	3	4	4	6	7
Small*	109	110	113	250	281
Two wheeler	54	68	68	86	91
Earth moving Machines	n.a	1	2	2	5
Auto Mobile workshop ³	2	2	2	2	2
Bus stations	2	2	2	2	2

Source: Base Office, RSTA, Haa

Note: *Small includes only light vehicles

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Table 66: Number of Roads and Bridges, Haa, (2007~2011)

Details	2007	2008	2009	2010	2011
Roads (Length in Km)	89.00	96.00	107.00	121.00	145.88
Farm roads	17.00	21.00	26.00	37.00	58.10
Feeder roads	11.00	11.00	11.00	11.00	11.00
Forest roads	14.00	17.00	23.00	26.00	29.78
Highways/Dzongkhag roads	47.00	47.00	47.00	47.00	47.00
Bridges (Number)	15.00	19.00	24.00	25.00	27.00
Suspension bridge	4.00	8.00	11.00	11.00	13.00
Suspended	4.00	8.00	11.00	12.00	12.00
Bailey bridges	2.00	0.00	0.00	0.00	0.00
Traditional bridges	5.00	3.00	2.00	2.00	2.00

Source: 1Dzongkhag Engineering Section, Haa

Table 67. Telecommunications, Haa, (2007 ~ 2012)

Telecommunications	2007	2008	2009	2010	2011	2012
Households with fixed telephone connections	547	376	340	342	369	382
Tashi cell users	N.A	N.A	1,934	2,049	3,492	n.a
B.mobile users	1,291	1,443	1,564	1,965	2,096	3,604
Community information centres	n.a	n.a	n.a	n.a	n.a	2
Gewogs accessible to mobile services	4.0	4.0	4	6	6	6
Households with internet access	n.a	5	20	61	95	149
Bhutan post office	1	1	1	1	1	1

Source: Gewog Administration Office & Regional Office, Haa Dzongkhag.

Table 68. Number of Establishment in Banking and Finance, Haa, (2009 ~ 2012)

Number of establishments	2009	2010	2011	2012
RICBL	N.A	1	1	1
BIL	N.A	N.A	N.A	N.A
BDEL	1	1	1	1
BNBL	N.A	N.A	N.A	N.A
DPNBL	N.A	N.A	N.A	N.A
T-Bank	N.A	N.A	N.A	N.A
BOBL	1	1	1	1
ATM Machine	N.A	1	1	1

Source: Financial Institutions, Haa Dzongkhag

Table 69. Number of account holders in Banks, Haa, (2010)

Number of facilities	Number of account holders (2010)						Number of account holders (2011)				
	Loan	savin gs	curre nt	fixed deposit	recurring deposit		Loan	savin gs	curre nt	fixed deposit	recurring deposit
RICBL	N.A	N.A	N.A	N.A	N.A		N.A	N.A	N.A	N.A	127**
BIL	N.A	N.A	N.A	N.A	N.A		N.A	N.A	N.A	N.A	N.A
BDBL	611	366	4	89	60		709	555	3	77	28
BNBL	N.A	N.A	N.A	N.A	N.A		N.A	N.A	N.A	N.A	N.A
DPNBL	N.A	N.A	N.A	N.A	N.A		N.A	N.A	N.A	N.A	N.A
T-Bank	N.A	N.A	N.A	N.A	N.A		N.A	N.A	N.A	N.A	N.A
BOBL	317	2036	184	310	317		389	2369	197	350	420

Source: Financial Institutions, Haa Dzongkhag

Not: ** Number of life policies availed.

Table 70. Number of Administrative Units, Haa, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Dzongkhags	1	1	1	1	1	1
Gewogs	6	6	6	6	6	6
Chiwogs	33	33	33	33	30	30
Villages	96	96	96	96	96	96
Households	1,567	1,570	1,571	1,572	1,577	1,581
Towns	1	1	1	1	1	1
Number of Police stations	1	1	1	1	1	1

Source: Dzongkhag Administration, Haa Dzongkhag

Table 71. Recreation, Tourist Visitors and Accommodation, Haa, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Number of children park	N.A	N.A	N.A	N.A	N.A	N.A
Number of hotels	3	3	3	3	3	4
Number of restaurants	n.a	n.a	18	17	21	23
Number of drayangs	N.A	N.A	N.A	1	1	1
Number of discotheques	N.A	N.A	N.A	N.A	N.A	N.A
Number of foreign tourist visitors	N.A	N.A	N.A	N.A	N.A	N.A

Source: Regional Office, MoEA, Haa Dzongkhag



**Annual Dzongkhag Statistics
2012**



**Dzongkhag Administration
Lhuentse**

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LHUENTSE DZONGKHAG



SETTLEMENTS

Scale :1:260,000



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Preface

The Annual Dzongkhag Statistics of Lhuentse is the third in the series of publications. It attempts to provide comprehensive statistics of Lhuentse Dzongkhag and will be published annually.

The report contains statistics on demographic and socio-economic, environment, culture, local governance and infrastructures of the Dzongkhag. The statistical data for this publication are collected and compiled from various sectors and through primary sources.

We hope that this report will serve as a source of information and guiding tool for micro-level planning and decision-making in the Dzongkhag. Statistics office, Lhuentse would like to thank and acknowledge the support and cooperation of all sector heads concerned for providing timely information for this report. Without their support, this publication would not have been possible. Through this initiative, we also hope that the maintenance of sectoral information and updation in the Dzongkhag will become more systematic and efficient henceforth.

Since this report is the third publication and with information source being from numerous sectors, we expect there may be certain deficiencies in terms of coverage and updation. However, there will be continuous efforts made to improve its coverage and quality in our future publications. Your comments and suggestions in this regard will be highly appreciated.

**National Statistics
Dzongkhag Statistical Unit
Lhuentse**

Background

Lhuentse Dzongkhag, encompassing a total area of 2,847 Sq.Km with an altitude ranging from 600 - 5800 meters above the sea level, has eight Gewogs, namely Gangzur, Jarey, Kurtoe, Khoma, Menbi, Minjey, Metsho and Tsengkhar. It is bordered by China in the north, Mongar in the south, Tashiyangtse in the east south and Bumthang in the west.

As per the PHCB 2005, Lhuentse has 3001 households and a total population of 15395 out of which 13919 live in the rural areas. The projected population for 2012, based on PHCB 2005, is 16980.

The Dzongkhag has a total of 30 Schools, out of which 16 are Community Primary Schools, 6 Primary School, 2 Lower Secondary Schools, 2 Middle Secondary Schools 1 Higher Secondary Schools and 4 early learning centers (ERC) with a total of 3862 students and 209 teachers as of December 2011. It also has 58 NFE Centres and over 478 NFE Learners and 55 NFE Instructors.

ABBREVIATIONS

%: Percent	HSS: Higher Secondary School
< : Less than	Inst: Institute
> : Greater than	Kg: Kilogram
AIDS: Acquired Immune Deficiency Syndrome	LFS: Labor Force Survey
Avg: Average	LSS: Lower Secondary School
BHU: Basic Health Unit	Max: Maximum
BLSS: Bhutan Living Standard Survey	Min: Minimum
Cft: Cubic Feet	MSS: Middle Secondary School
CPS: Community Primary school	n.a: Not Available
DPTH: Diphtheria Parthuisis Tetanus Hepatitis B	N.A: Not Applicable
DYT: Dzongkhag Yargye Tsogdue	NFE: Non Formal Education
FYP: Five Year Plan	Nu: Ngultrum
GDP: Gross Domestic Product	ORC: Outreach Clinic
GIS: (Infrastructure mapping): Geographical Infrastructure System	PAR: Poverty Analysis Report
Gm: Gram	PHCB: Population and Housing Census of Bhutan
GYT: Gewog Yargye Tshogchung	PP: Pre Primary
HIV: Human Immune Virus	PS: Primary School
Hr: Hour	Pvt: Private
	Qty: Quantity
	Sq. Km: Square Kilometer
	SYB: Statistical Yearbook
	TV: Television

Table 1. Population by Age-Group and Sex, Lhuentse, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	15395	15619	15846	16073	16301	16530	16757	16980
0-4	1582	1655	1757	1857	1956	2052	2036	2016
5-9	1966	1626	1582	1544	1511	1485	1588	1688
10-14	1907	1750	1721	1687	1653	1619	1573	1532
15-19	1913	1720	1724	1726	1723	1712	1694	1669
20-24	1157	1613	1625	1636	1644	1652	1661	1669
25-29	1184	1445	1472	1497	1519	1539	1556	1570
30-34	894	1202	1241	1282	1322	1359	1391	1421
35-39	820	1004	1030	1056	1085	1117	1155	1196
40-44	687	816	844	874	904	932	960	986
45-49	708	672	689	707	727	749	775	804
50-54	567	554	568	583	599	615	631	648
55-59	491	455	464	474	486	499	511	525
60-64	479	367	374	381	389	399	407	417
65+	1040	740	755	769	783	801	819	839
Male	7727	7832	7938	8047	8156	8262	8364	8461
0-4	792	793	843	893	942	989	981	971
5-9	976	784	762	743	727	714	764	812
10-14	928	850	835	818	801	784	760	739
15-19	990	848	847	846	842	835	824	810
20-24	605	821	822	822	821	820	820	820
25-29	631	748	761	773	782	789	793	794
30-34	420	630	649	669	689	706	721	735
35-39	406	528	542	556	571	587	606	625
40-44	363	423	439	457	474	490	505	519
45-49	368	345	354	364	375	387	402	418
50-54	279	283	290	298	307	315	323	332
55-59	232	231	236	241	247	254	260	267
60-64	217	185	188	192	196	201	205	210
65+	520	363	370	375	382	391	400	409
Female	7668	7787	7908	8026	8145	8268	8393	8519
0-4	790	862	914	964	1014	1063	1,055	1045
5-9	990	842	820	801	784	771	824	876
10-14	979	900	886	869	852	835	813	793
15-19	923	872	877	880	881	877	870	859
20-24	552	792	803	814	823	832	841	849
25-29	553	697	711	724	737	750	763	776
30-34	474	572	592	613	633	653	670	686
35-39	414	476	488	500	514	530	549	571
40-44	324	393	405	417	430	442	455	467
45-49	340	327	335	343	352	362	373	386
50-54	288	271	278	285	292	300	308	316
55-59	259	224	228	233	239	245	251	258
60-64	262	182	186	189	193	198	202	207
65+	520	377	385	394	401	410	419	430

Note: Figures for the year 2006 onwards are based on the projected population

Source: Population & Housing Census of Bhutan, 2005

Table 2. Population, Density and Sex Ratio, Lhuentse, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	15395	15619	15,845	16,073	16,301	16,530	16,757	16980
Population density (Persons per Sq. Km)	5.0	5.0	5.0	6.0	6.0	6.0	6.0	6.0
Population sex ratio	101	101	100	100	100	100	100	101

Source : Dzongkhag Population Projection 2006-2015

Table 3. Total Number of Live Births, Deaths, Marriages and Divorces, Lhuentse, (2008 ~ 2011)

Age-group	2008	2009	2010	2011
Live births	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	7068
Female	n.a	n.a	n.a	7205
Total deaths	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a
Infant deaths	n.a	n.a	n.a	n.a
Male	n.a	n.a	n.a	20
Female	n.a	n.a	n.a	37
Marriage Certificate Issued			81	232
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a
Divorces	n.a	n.a	19	44
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a

Source: Dzongkhag Health Sector & Court, Lhuentse
Dzongkhag

Table 4. Adolescent Birth rate and Total fertility rate, Lhuentse, (2010)

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	67
Total fertility rate	2

Source : BMIS, 2010

Table 5. Early Childbearing, Lhuentse, (2010)

Percentage of women age 15-19 who have had livebirth or who are pregnant with the first child; percentage of women age 15-19 who have begun childbearing before age 15, and the percentage of women age 20~24 who have had a live birth before age 18.

Details	2010
% of women age 15~19	
Have had a live birth	17.3
Are pregnant with first child	4.0
Have begun childbearing	21.3
Have had a live birth before 15	0.0
Number of women age 15~19	33.0
% of women age 20~24 who have had a live birth before age 18	16.5
Number of women age 20~24	60.0

Source : BMIS, 2010

Table 6. Use of Contraception, Lhuentse, (2010)

Details	2010
Percentage of Women age 15-49 Years Currently Married or in Union Who are using (or whose partner is using) a Contraceptive Method.	
Not using any method	35.6
Percent of women (currently married or inunion) who are using	4.2
Female sterilization	14.2
Male sterilization	5.3
IUD	33.9
Injectables	0.0
Implants	4.8
Oral contraceptive Pill	1.9
Male condom	0.0
Female condom	0.0
Foam/ jelly	0.0
Lactational amenorrhoea method (LAM)	0.0
Periodic abstinence/ rhythm	0.0
Withdrawal	0.0
Other	0.0
Any modern method	64.4
Any traditional method	0.0
Any method	64.4
Number of women currently married or in union	219.0

Source : BMIS, 2010

Table 7. Antenatal Care Provider, Lhuentse, (2010)

Percent Distribution of Women Aged 15-49 Who Gave Birth in The Survey by Type of Personnel Providing Antenatal Care.		2010
Details		
Persons providing antenatal care		
Doctor		13.1
Nurse/ midwife		35.3
HA/ BHW		47.2
Assistant clinical officer (ACO)		0.0
Traditional birth attendant		0.0
Village health worker		0.0
Other/ missing		0.0
No antenatal care received		4.3
Total		100.0
At least once by skilled personnel		95.7
Number of women who gave birth in the preceding 2 years		47.0
Source : BMIS, 2010		

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Table 8. Number of Antenatal Care Visits, Lhuentse, (2010)

Percentage of Women Who had a Live Births During the Two Years Preceding the Survey by Number of Antenatal Care Visits by Any Provider.		2010
Details		
Percent of women who had		
No antenatal care visits		4.3
1 Visits		4.4
2 Visits		17.8
3 Visits		13.7
4 or more visits		59.8
Missing/ DK		0.0
Total		100.0
Number of women who gave birth in the preceding 2 years		47
Source : BMIS, 2010		

Table 9. Assistance During Delivery, Lhuentse, (2010)

Percent Distribution of Women age 15-49 Who had a Live Birth in the Two Years Preceding the Survey by Person Assisting, at Delivery and Percentage of Births Delivered by C-section.		2010
Details		
Person assisting at delivery		
Doctor		25.0
Nurse / Midwife		18.3
HA/BHW		18.8
Asst. clinical officer (ACO)		0.0
Traditional birth attendant		1.0
Village health worker		2.3
Relative / friend		34.6
Other/missing		0.0
No attendant		0.0
Total		100.0
Any skilled personnel		62.0
Percent delivered by C-section		12.4
Number of women who gave birth in preceding two years		47.0
Source : BMIS, 2010		

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Table 10. Place of Delivery, Lhuentse, (2010)

Percent Distribution of Women age 15-49 With a Birth in Two Years Preceding the Survey by Place of Delivery.		2010
Details		
Place of delivery		
Public sector health facility		57.3
Private sector health facility		0.0
Home		42.7
Other		0.0
Total		100.0
Delivered in health facility [1]		57.3
Number of women who gave birth in preceding two years		47.0
Source : BMIS, 2010		

Table 11. Health Infrastructures, Facilities and Personnel, Lhuentse, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Number of hospitals	1	1	1	1	1
Number of BHUs	11	11	11	11	11
BHU grade I	11	11	11	11	11
BHU grade II	n.a	n.a	n.a	n.a	n.a
Number of ORCs	33	33	33	33	33
Number of indigenous units	1	1	1	1	1
Number of doctors	1	2	2	1	2
Number of hospital/BHU beds	20	20	20	20	20
Persons per doctor	15842	8037	8150	16530	8379
Persons per hospital bed	792	804	815	826	838
Total morbidity attendance	29825	24346	37257	n.a	n.a
Health assistants	14	14	14	19	18
Basic health workers	5	5	5	5	5
Sister and nurses	5	5	5	6	10
Technicians	7	7	7	7	9
Indigenous dungtsho	1	1	1	1	1
Indigenous compounders/Menpas	1	1	1	1	1
Malaria workers	n.a	n.a	n.a	n.a	n.a
Village health workers	46	46	46	46	52
Number of children immunized					
Polio	n.a	n.a	n.a	n.a	n.a
DPTH	n.a	314	324	309	280
Measles	n.a	322	319	335	322
BCG	n.a	n.a	n.a	233	194
Others	n.a	859	928	786	460

Source: Dzongkhag Health Sector, Lhuentse Dzongkhag

Table 12. Hospital Admission and Average Length of Stay, Lhuentse, (2007 ~ 2011)

Average admission	2007	2008	2009	2010	2011
Hospital admission					
Total	n.a	n.a	n.a	813	1137
Patient days	n.a	n.a	n.a	4011	4423
Average days	n.a	n.a	n.a	4.9	3.9
BHU admission	n.a	n.a	n.a	160	248

Source : Annual Health Bulletin, MoH

Table 13. Number of surgeries, Lhuentse, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Surgeries	n.a	n.a	n.a	n.a	n.a
Caesarian Section	n.a	n.a	n.a	n.a	n.a
General Abdominal	n.a	n.a	1	0	n.a
General Others	n.a	n.a	47	3	3
Orthopaedic extremities	n.a	n.a	n.a	n.a	n.a
Orthopaedic Others	n.a	n.a	n.a	n.a	3
Gynaecology	n.a	n.a	1	n.a	n.a
ENT	n.a	n.a	n.a	n.a	n.a
Eye	n.a	n.a	n.a	n.a	21

Source : Annual Health Bulletin, MoH

Table 14. Number of Dental Services, Lhuentse, (2007 ~ 2011)

	2007	2008	2009	2010	2011
Dental Services					
Prophylaxis	n.a	n.a	n.a	21	17
Scaling	n.a	n.a	n.a	3	12
Fillings	n.a	n.a	n.a	469	439
Extractions	n.a	n.a	n.a	194	227
Others	n.a	n.a	n.a	371	397

Source : Annual Health Bulletin, MoH

Table 15: Number of Top Ten Morbidity, Lhuentse, (2007~ 2011)

	2007	2008	2009	2010	2011
Priority health problem/ Disease					
Diarrhoea	1554	1055	1554	n.a	1513
Conjunctivitis	1679	904	1263	n.a	n.a
Dysentery	675	398	946	n.a	n.a
Typhoid	40	273	47	n.a	n.a
Sexually transmitted disease, excluding HIV/AIDS	45	20	63	n.a	n.a
Diabetes	7	2	31	n.a	n.a
Tuberculosis	8	3	1	n.a	n.a
Early syphilis	3	1	n.a	n.a	n.a
Cholera	n.a	2	n.a	n.a	n.a
Tetanus	n.a	n.a	12	n.a	n.a
Diphtheria	n.a	n.a	n.a	n.a	n.a
Pertussis	n.a	n.a	n.a	n.a	n.a

Source : Dzongkhag Health Sector, Lhuentse Dzongkhag

Table 16. Child Disability, Lhuentse, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	1.2
Difficulty seeing, either in the daytime or at night	1.2
Appears to have difficulty hearing	0.7
No understanding of instructions	6.5
Difficulty in walking moving, moving arms, weakness or stiffness	2.4
Have fits, become rigid, lose consciousness	2.7
Not learning to do things like other children his/her age	10.4
No speaking cannot be understood in words	11.3
Appears mentally backward, dull, or slow	6.6
Speech is not normal	50.6
Number of children aged 3-9 years	219
Cannot name at least one object	19.7
Number of children aged 2 years	33
Percentage of children 2-9 years of age with at least one reported disability*	63.6
Number of children aged 2-9 years	252

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Lhuentse, (2010)

Percentage of children under age 5 by nutritional status according to three anthropometric indices: weight for age, height for age, and weight for height.

Nutritional Status	2010
Weight for age: % below -2 sd [1]	17.7
Weight for age: % below -3 sd [2]	6.1
Weight for age: Mean Z-Score (SD)	-1
Weight for age: Number of children	123
Height for age: % below -2 sd [3]	58.9
Height for age: % below -3 sd [4]	41.5
Height for age: Mean Z-Score (SD)	-2.4
Height for age: Number of children	112
Weight for height: % below -2 sd [5]	4.3
Weight for height: % below -3 sd [6]	0.9
Weight for height: % above +2 sd	30.9
Weight for height: Mean Z-Score (SD)	1
Weight for height: Number of children	118

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Lhuentse, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey Who Were Ever Breastfed, Percentage Who Were Breastfed Within One Hour of Birth and Within One Day of

Initial Breastfeeding	2010
Percentage ever breastfed	95.5
Percentage who were first breastfed: Within one hour of birth	89.3
Percentage who were first breastfed: Within one day of birth	89.3
Percentage who received a prelacteal feed	2.6
Number of last-born children in the two years preceding the survey	47

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Lhuentse, (2010)
Median duration of any breastfeeding, exclusive breastfeeding, and predominant breastfeeding among children age 0-35 months.

Duration of Breastfeeding	2010
Median duration (in months) of Any breastfeeding	22.8
Exclusive breastfeeding	0.5
Predominant breastfeeding	4.6
Number of children age 0-35 months	79

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Lhuentse, (2010)
Percentage of Last-Born Children in the 2 Years Preceding the Survey That are Estimated to Have Weighed Below 2500 Grams at Birth and Percentage of Live Births Weighed at Birth.

Low Birth Weight Infants	2010
Percent of live births Below 2500 grams Weighed at birth	-10.1
Number of live births in the last 2 years	-70.1
	47

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Lhuentse, (2010)
Percentage of women age 15-49 years with a live birth in the last 2 years protected against neonatal tetanus.

Neonatal Tetanus Protection	2010
Percentage of Women Who Received at Least 2 Doses During Last Pregnancy but received	60.9
2 doses, the last within prior 3 years	25.5
3 doses, the last within prior 5 years	0
4 doses, the last within prior 10 years	0
5 or more doses during lifetime	0
Protected against tetanus [1]	86.4
Number of women with a live birth in the last 2 years	47

Source: BMIS, 2010

Table 22. Solid Fuel Use, Lhuentse, (2010)

Percentage Distribution of Household Members According to Type of Cooking Fuel Used by the Household, and Percentage of Household Members Living in Households Using Solid Fuels for

Solid Fuel Use	2010
Percentage of household members in households using	
Electricity	49.8
Liquefied Petroleum Gas (LPG)	3.1
Kerosene	0.1
Coal	0.1
Wood	46.9
Straw/Shrubs/Grass	0
No food cooked in household	0
Other	0
Total	100
Solid fuels for cooking	46.9
Number of household members	1564

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Lhuentse, (2010)
 Percent distribution of household population according to main source of drinking water and percentage of household population using improved drinking water sources.

Water Sources	2010
Main source of drinking water	
Improved sources	
Piped into dwelling	4.9
Piped into compound	65
Piped to neighbor	4.7
Public outdoor tap	23.4
Protected well	0
Spring	0
Rainwater collection	0
Bottled water	0
Unimproved sources	
Unprotected well	0.4
Unprotected spring	0
Tanker-truck	0
Cart with small tank/drum	0
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	1.5
Other	0
Total	100
Percentage using improved sources of drinking water	98.1
Number of household members	1564

Source: BMIS, 2010

Table 24. Household Water Treatment, Lhuentse, (2010)
Percentage of Household Population by Drinking Water Treatment Method Used in the Household, and for Household Members Living in Households Where an Unimproved Drinking Water Source is

Water Treatment	2010
Water treatment method used in the household	
None	51.7
Boil	40.3
Add bleach / chlorine	0
Strain through a cloth	1.9
Use water filter	8.4
Solar disinfection	0
Let it stand and settle	15.9
Other	0
Don't know	0
Number of household members sources and using an appropriate water treatment method [1]	1564
Number of household members in households using unimproved drinking water sources	16.6
	30

Source: BMIS, 2010

Table 25. Type to Source of Drinking Water, Lhuentse, (2010)
Percent Distribution of Household Population According to Time to go to Source of Drinking Water, Get Water and Return, for Users of Improved and Unimproved Drinking Water Sources

Time to Source of Drinking Water	2010
Time to source of drinking water	
Users of improved drinking water sources	
Water on premises	98
Less than 30 minutes	0
30 minutes or more	0.1

Missing/DK	0
Users of unimproved drinking water sources	
Water on premises	1.2
Less than 30 minutes	0.3
30 minutes or more	0.4
Missing/DK	0
Total	100
members	1564

Source: BMIS, 2010

Table 26. Types of sanitation Facilities, Lhuentse, (2010)
 Percent Distribution of Household Population According to Type of Toilet Facility Used by the Household

Time to Source of Drinking Water	2010
Type of toilet facility used by household	
Improved sanitation facility	
Flush toilet	0.9
Flush to septic tank (Without soak pit)	7.7
Flush to pit (latrine)	2.4
Flush to unknown place/not sure/DK where	0
Flush to septic tank (with soak pit)	1.9
Ventilated Improved Pit latrine (VIP)	0.4
Pit latrine with slab	26.4
Composing toilet	0
Unimproved sanitation facility	0.6
Flush to somewhere else	
Pit latrine without slab /open pit	55.6
Long drop latrine	1.2
Bucket	0
Other	0
Missing	0
Open defecation (no facility, bush, field)	
No facility, bush, field	2.9
Total	100
Number of household members	1564

Source: BMIS, 2010

Table 27. Number of schools, Institutions, Teachers and students, Lhuentse, (2008 ~ 2012)

Details	2008										Total	
	Cps	Ps	ISS	MSS	HSS	College	Pvt.	Other Inst.	NFE Centres	Daycare Centres		
Number of schools and institutions		16	6	2	1	1	n.a	n.a	n.a	32	n.a	58
Teaching staff												
Bhutanese		66	50	22	19	17	n.a	n.a	n.a	34	na	174
Male		61	39	18	17	16	n.a	n.a	n.a	18	na	151
Female		5	11	4	2	1	n.a	n.a	n.a	16	na	23
Non-Bhutanese		0	0	2	4	6	n.a	n.a	n.a	n.a	na	12
Male		0	0	2	4	6	n.a	n.a	n.a	n.a	na	12
Female		0	0	0	0	0	n.a	n.a	n.a	n.a	na	0
Temporary teachers		0	0	0	0	0	n.a	n.a	n.a	n.a	na	0
Male		0	0	0	0	0	n.a	n.a	n.a	n.a	na	0
Female		0	0	0	0	0	n.a	n.a	n.a	n.a	na	0
Number of students		1238	1172	562	451	471	n.a	n.a	n.a	425	na	3894
Male		624	573	281	275	287	n.a	n.a	n.a	124	na	2040
Female		614	599	281	176	184	n.a	n.a	n.a	301	na	1854
Student to teacher ratio		18.7	23.4	23.4	19.6	20.5	n.a	n.a	n.a	12.5	na	20.9
2009												
Number of schools and institutions		17	6	2	1	1	n.a	n.a	n.a	32	n.a	59
Teaching staff												
Bhutanese		82	51	25	25	33	n.a	n.a	n.a	34	n.a	230
Male		74	42	14	16	15	n.a	n.a	n.a	16	n.a	177
Female		8	9	11	3	4	n.a	n.a	n.a	18	n.a	53
Non-Bhutanese		0	0	0	3	7	n.a	n.a	n.a	N.A	n.a	10
Male		0	0	0	3	6	n.a	n.a	n.a	N.A	n.a	9

Annual Dzongkhag Statistics, 2012 : LHUENTSE

Female	0	0	0	0	0	1	n.a	n.a	n.a	N.A	n.a	1
Temporary teachers	0	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	0
Male	0	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	0
Female	0	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	0
Number of students	1255	1175	543	456	575	330	n.a	n.a	n.a	477	n.a	4481
Male	655	567	276	249	330	245	n.a	n.a	n.a	154	n.a	2231
Female	600	608	267	207	245	245	n.a	n.a	n.a	323	n.a	2250
Student to teacher ratio	15.30488	23.03922	21.72	18.24	17.42424					14.02941		18.670833
2010												
Number of schools and institutions	16	6	2	2	1	1	n.a	n.a	n.a	32	n.a	59
Teaching staff	67	44	25	31	23	23	n.a	n.a	n.a	36	n.a	226
Bhutanese	60	31	19	23	19	19	n.a	n.a	n.a	18	n.a	170
Male	7	13	6	8	4	4	n.a	n.a	n.a	18	n.a	56
Female	0	0	1	3	3	3	n.a	n.a	n.a	n.a	n.a	7
Non-Bhutanese	0	0	1	3	2	2	n.a	n.a	n.a	n.a	n.a	6
Male	0	0	0	0	1	1	n.a	n.a	n.a	n.a	n.a	1
Female	0	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	0
Temporary teachers	0	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	0
Male	0	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	0
Female	0	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	0
Number of students	1171	994	577	719	454	266	n.a	n.a	n.a	460	n.a	4375
Male	605	473	284	369	266	188	n.a	n.a	n.a	120	n.a	2117
Female	566	521	293	350	188	188	n.a	n.a	n.a	340	n.a	2258
Student to teacher ratio	17.5	22.6	22.2	21.1	17.5	17.5	n.a	n.a	n.a	13	n.a	18.8
2011												
Number of schools and institutions	16	6	2	2	1	1	n.a	n.a	n.a	58	n.a	85
Teaching staff	73	50	27	41	35	35	n.a	n.a	n.a	n.a	n.a	226

Bhutanese	63	45	27	39	29	n.a	n.a	n.a	55	n.a	203
Male	56	30	21	31	24	n.a	n.a	n.a	23	n.a	162
Female	7	15	6	8	5	n.a	n.a	n.a	32	n.a	41
Non-Bhutanese	0	0	0	0	3	n.a	n.a	n.a	n.a	n.a	3
Male					2	n.a	n.a	n.a	n.a	n.a	2
Female					1	n.a	n.a	n.a	n.a	n.a	1
Temporary teachers	10	5	0	2	3	n.a	n.a	n.a	n.a	n.a	20
Male	7	4	0	2	1	n.a	n.a	n.a	n.a	n.a	14
Female	3	1	0	0	2	n.a	n.a	n.a	n.a	n.a	6
Number of students	1012	968	569	814	452	n.a	n.a	n.a	478	n.a	3815
Male	520	484	289	397	253	n.a	n.a	n.a	116	n.a	1943
Female	492	484	280	417	199	n.a	n.a	n.a	362	n.a	1872
Student to teacher ratio	13.86301	19.36	21.07407	19.85366	12.91429	n.a	n.a	n.a	8.690909	n.a	18.793103
2012											
Number of schools and institutions	16	6	2	2	1	n.a	n.a	n.a	58	1	86
Teaching staff	73	42	25	49	31	n.a	n.a	n.a	55	2	220
Bhutanese	73	42	25	48	29	n.a	n.a	n.a	55	2	217
Male	62	30	21	34	23	n.a	n.a	n.a	23	n.a	170
Female	11	12	4	13	6	n.a	n.a	n.a	32	2	46
Non-Bhutanese	0	0	0	1	2	n.a	n.a	n.a	n.a	n.a	3
Male	0	0	0	0	1	n.a	n.a	n.a	n.a	n.a	1
Female	0	0	0	1	1	n.a	n.a	n.a	n.a	n.a	2
Temporary teachers	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	0
Male	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	0
Female	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	0
Number of students	1094	847	667	821	433	n.a	n.a	n.a	478	15	3862
Male	552	424	327	410	226	n.a	n.a	n.a	116	10	1939
Female	542	423	340	411	207	n.a	n.a	n.a	362	5	1923
Student to teacher ratio	14.99	20.17	26.68	16.76	13.97	n.a	n.a	n.a	8.69	7.50	17.55

Source: Dzongkhag Education Sector, Lhuentse Dzongkhag.

Note: Contract Teachers are included under Temporary Teachers

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Table 28. School Enrolment by Grade and Sex, Lhuentse, (2008~2012)

Class	2008	2009	2010	2011	2012
Primary level					
Total	2816	2803	2733	2546	n.a
Class PP	379	408	387	348	n.a
Class I	415	390	398	365	n.a
Class II	411	413	384	386	n.a
Class III	440	405	390	357	n.a
Class IV	439	452	457	378	n.a
Class V	382	400	368	395	n.a
Class VI	350	335	349	317	n.a
Male					
Class PP	183	211	176	176	n.a
Class I	219	198	212	168	n.a
Class II	215	211	198	202	n.a
Class III	234	215	195	185	n.a
Class IV	215	228	233	193	n.a
Class V	176	192	186	205	n.a
Class VI	157	155	165	157	n.a
Female					
Class PP	196	197	211	172	n.a
Class I	196	192	186	197	n.a
Class II	196	202	186	184	n.a
Class III	206	190	195	172	n.a
Class IV	224	224	224	185	n.a
Class V	206	208	182	190	n.a
Class VI	193	180	184	160	n.a
Secondary level					
Total	1170	1201	1182	1269	n.a
Class VII	288	358	335	350	n.a
Class VIII	254	278	284	310	n.a
Class IX	299	227	249	286	n.a
Class X	184	189	190	211	n.a
Class XI	94	57	70	47	n.a
Class XII	51	92	54	65	n.a
Male					
Class VII	158	162	157	173	n.a
Class VIII	129	150	131	133	n.a
Class IX	212	122	142	138	n.a
Class X	114	113	105	120	n.a
Class XI	78	45	54	41	n.a
Class XII	41	75	43	49	n.a
Female					
Class VII	130	196	178	177	n.a
Class VIII	125	128	153	177	n.a
Class IX	87	105	107	148	n.a
Class X	70	76	85	91	n.a
Class XI	16	12	16	6	n.a
Class XII	10	17	11	16	n.a

Source: Dzongkhag Education Sector, Lhuentse
Dzongkhag

Table 29. Student by Age-Group, Sex and by Level, Lhuentse, (2008-2012)

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total	2816	2803	2733	582	n.a
Age < 6 years	4	44	72	4	n.a
Age 6-12 years	2190	2204	2145	476	n.a
Age 13 & above	622	555	516	102	n.a
Male					
Age < 6 years	2	26	29	1	n.a
Age 6-12 years	1093	1124	1099	237	n.a
Age 13 & above	304	260	233	47	n.a
Female					
Age < 6 years	2	18	43	3	n.a
Age 6-12 years	1097	1080	1046	239	n.a
Age 13 & above	318	295	283	55	n.a
Student in LSS level (Class VII-VIII)					
Total	542	636	619	126	n.a
Age < 13 years	16	11	19	6	n.a
Age 13-14 years	175	194	210	51	n.a
Age 15 & above	351	431	390	69	n.a
Male					
Age < 13 years	7	2	7	3	n.a
Age 13-14 years	93	86	86	15	n.a
Age 15 & above	187	224	195	31	n.a
Female					
Age < 13 years	9	9	12	3	n.a
Age 13-14 years	82	108	124	36	n.a
Age 15 & above	164	207	195	38	n.a
Students in MSS level (Class IX-X)					
Total	392	416	439	256	n.a
Age < 15 years	8	9	13	3	n.a
Age 15-16 years	86	101	154	87	n.a
Age 17 & above	298	306	272	166	n.a
Male					
Age < 15 years	5	4	4	1	n.a
Age 15-16 years	43	56	84	35	n.a
Age 17 & above	187	175	159	99	n.a
Female					
Age < 15 years	3	5	9	2	n.a
Age 15-16 years	43	45	70	52	n.a
Age 17 & above	111	131	113	67	n.a

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Students in HSS level (Class XI-XII)					
Total	145	149	124	112	n.a
Age < 17 years	0	2	3	1	n.a
Age 17-18 years	55	34	43	36	n.a
Age 19 & above	90	113	78	75	n.a
Male					n.a
Age < 17 years	0	1	3	1	n.a
Age 17-18 years	41	24	29	28	n.a
Age 19 & above	12	95	65	61	n.a
Female					n.a
Age < 17 years	0	1	0	0	n.a
Age 17-18 years	14	10	14	8	n.a
Age 19 & above	78	18	13	14	n.a

Source : Education Sector, Lhuentse Dzongkhag

Table 30. Literacy Among Young Women, Lhuentse, (2010)

Literacy Among Young Women	2010
Percentage literate	42.8
Percentage not known	0.4
Number of women age 15-24 years	92.0

Source: BMIS, 2010

Table 31. School Readiness, Lhuntsse, (2010)

Percentage of children attending first grade of primary school who attended pre-school the previous year.

School Readiness	2010
Percentage of children attending first grade who attended preschool in previous year	0.0
Number of children attending first grade of primary school	22.0

Source: BMIS, 2010

Table 32. Primary School Entry, Lhuntsse, (2010)

Percentage of Children of Primary School Entry Age Entering Grade 1 (net intake Primary School Entry)	2010
Percentage of children of primary school entry age entering grade 1	50.2
Number of children of primary school entry age	33.0

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Lhuentse, (2010)

Percentage of children entering first grade of primary school who eventually reach the last grade of primary school (Survival rate to last grade of primary school)

Details	2010
Percent attending grade 1 last year who are in grade 2 this year	100
Percent attending grade 2 last year who are attending grade 3 this year	100
Percent attending grade 3 last year who are attending grade 4 this year	100
Percent attending grade 4 last year who are attending grade 5 this year	100
Percent attending grade 5 last year who are attending grade 6 this year	100
Percent who reach grade 6 of those who enter grade 0	100

Source: BMIS, 2010

Table 34. Education Gender Parity, Lhuentse, (2010)

Education gender parity Ratio of adjusted net attendance ratios of girls to boys, in primary and secondary school

Education Gender Parity	2010
Primary school adjusted net attendance ratio (NAR), girls	86.8
Primary school adjusted net attendance ratio (NAR), boys	88.0
Gender parity index (GPI) for primary school adjusted NAR	1.0
Secondary school adjusted net attendance ratio (NAR), girls	40.5
Secondary school adjusted net attendance ratio (NAR), boys	52.8
Gender parity index (GPI) for secondary school adjusted NAR	0.8

Source: BMIS, 2010

Table 35. Summary of Crime Reports by Nature of Crime, Lhuentse, (2009 ~ 2011)

Nature of Crime	(Incident)		
	2009	2010	2011
	n.a	n.a	
Attempt, aiding and abetting, solicitation and criminal conspiracy			1
Homicide	n.a	n.a	n.a
	n.a	n.a	
Assault, battery and related offences			7
Kidnapping and related offences	n.a	n.a	n.a
Sexual offence	n.a	n.a	n.a
	n.a	n.a	n.a
Offence against infant, child, mentally disabled and incompetent person			
Arson and related offences	n.a	n.a	2
	n.a	n.a	
Burglary, trespass and related offences			2
Larceny, robbery, armed robbery and related offences	n.a	n.a	
			2
Money laundering and smuggling	n.a	n.a	n.a
Embezzlement and bribery	n.a	n.a	n.a
Forgery and related offences	n.a	n.a	n.a
Defamation and related offences	n.a	n.a	n.a
	n.a	n.a	n.a
Treason, terrorism and related offences			
Offences against cultural and national heritage	n.a	n.a	5
	n.a	n.a	
Offences against judicial authority			n.a
Prostitution and related offences	n.a	n.a	n.a
Offences against the public welfare	n.a	n.a	1
Offences related to public and civic duties	n.a	n.a	n.a
Offences related to public order and tranquillity	n.a	n.a	n.a
Offences against privacy	n.a	n.a	n.a
Computer offences	n.a	n.a	n.a
Offences related to firearms and weapons	n.a	n.a	n.a
			n.a
Offences related to protected species, controlled and other harmful substances	n.a	n.a	n.a
			n.a
Motor vehicle offences	n.a	n.a	2
Others	n.a	n.a	n.a
Total crimes	n.a	n.a	22

Source: Royal Bhutan Police, Lhuentse, Dzongkhag

Table 36. Monthly Motor Vehicle Accidents, Lhuentse, (2009~2011)

Month	2009	2010	2011
January	n.a	n.a	1
February	n.a	n.a	n.a
March	n.a	n.a	n.a
April	n.a	n.a	n.a
May	n.a	n.a	n.a
June	n.a	n.a	n.a
July	n.a	n.a	n.a
August	n.a	n.a	1
September	n.a	n.a	1
October	n.a	n.a	n.a
November	n.a	n.a	n.a
December	n.a	n.a	n.a
Total	n.a	n.a	3

Source: Royal Bhutan Police, Lhuentse, Dzongkhag

Table 37. Causes of Motor Vehicle Accidents, Lhuentse, (2009~2011)

Details	2009	2010	2011
Mechanical fault	n.a	n.a	0
Drunk driving	n.a	n.a	1
Bad weather	n.a	n.a	1
Without licence	n.a	n.a	2
Unknown causes	n.a	n.a	0
Other causes	n.a	n.a	2
All causes	n.a	n.a	0

Source: Royal Bhutan Police, Lhuentse Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Lhuentse, (2010)

Details	2010
Percentage of women age 15-49 years who believe a husband is justified in beating his wife/partner	
If goes out without telling him	23.2
If she neglects the children	20.2
If she argues with him	28.1
If she refuses sex with him	19.8
If she burns the food	20.9
For any of these reasons	47.4
Number of women age 15-49 years	307

Source: BMIS, 2010

Table 39. Land Area and Damages Caused by Types, Lhuentse, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Dzongkhag area (Sq. Km)	2847.46	2847.46	2847.46	2847.46	4847.46
Total cultivated land (Acres) ¹	n.a	n.a	n.a	n.a	n.a
Damages caused by landslides ²					
Farmland (acres)	n.a	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a	n.a
Damages caused by floods ²					
Farmland (acres)	n.a	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a	n.a
Crops affected by drought (acres)	n.a	n.a	n.a	n.a	n.a
Crops damaged by wild animals (acres)	n.a	n.a	n.a	n.a	n.a
Incidence of earthquake (Number of cases reported) ²	n.a	n.a	5	0	0
Houses damaged by earthquakes (Number)	n.a	n.a	163	0	0
Number of forest fires ³	n.a	4	6	n.a	5
Acreage destroyed by forest fires	n.a	290	947.75	n.a	870
Acreage of reforestation ³	n.a	n.a	29.643	n.a	11
Houses/structures damaged by fires (Number) ³	n.a	n.a	n.a	n.a	n.a

Source: ¹Agriculture Sector, ²Environment Sector, ³ Forest Sector, Dzongkhag Area gouted from Tenth Plan Documents, GNHC , Lhuentse Dzongkhag

Table 40. Average Monthly Temperature (Degree Centigrade), Lhuentse, (2011)

Month/ Temperature	(Degree Celsius)		
	Maximum	Minimum	Average
January	15.4	7.7	11.5
February	16.3	9.6	12.95
March	25.1	12	18.55
April	26.5	13.6	20.05
May	28.8	17	22.9
June	30.5	19.3	24.9
July	28.7	20	24.4
August	29.9	19.8	24.85
September	21.1	19.5	20.3
October	28.2	15.7	21.95
November	22.5	9.8	16.15
December	19.1	9.5	14.3
Annual			

Source: SYB, NSB

Table 41. Average Monthly Rainfall, Lhuentse, (2011)

Month/ Monthly Rainfall	(Millimeter)		
	Maximum	Minimum	Average
January	12.2	5	8.47
February	20	5.6	13.4
March	20.1	9.9	14.85
April	88.6	67.2	60.8
May	107	45.2	76.1
June	206.4	117.2	154.8
July	204.1	158.6	181.35
August	147.1	140.4	143.33
September	131.3	6.8	79.77
October	33.8	7	20.6
November	13.4	1.8	8.53
December	5.1	0	5.1
Annual	773	619	673

Source: SYB, NSB

Table 42. Percentage of Forest Coverage, Number of Protected Spring and Lakes, Lhuentse, (2010)

Details	2010
Forest coverage (%) ²	68.8
Number of snow fall at Dzongkhag headquater	n.a
Number of Protected spring water sources ¹	69
Number of Lakes ¹	n.a

Source:¹Dzongkhag Forest Section, ²Tenth Plan Documents, GNHC

Table 43. Disposal of Childs Faeces, Lhuentse, (2010)

Percent distribution of children age 0-2 years according to place of disposal of child's faeces, and the percentage of children age 0-2 years whose stools were disposed of safely the last time the child passed stools

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	8.7
Put / Rinsed into toilet or latrine	39.4
Put / Rinsed into drain or ditch	25.6
Thrown into garbage (solid waste)	26
Buried	0
Left in the open	0.3
Other	0
Total	100
Percentage of children whose stools were disposed of safely	48.1
Number of children age 0-2 years	79

Source: BMIS 2010

Table 44. Parliamentarians and Local Government Representatives, Lhuentse, (2008 & 2012)

Details	2008	2011	2012
Local governance (Number)			
Parliamentarians	3	3	3
Male	3	3	3
Female	0	0	0
Gups	8	8	7
Male	8	8	8
Female	0	0	0
Total gewog tshogpas ¹	59	40	40
Male	57	38	38
Female	2	2	2
Total Mangmis ¹	8	8	8
Male	8	7	7
Female	0	1	1
DYT members ²			
Male	17	16	16
Female	0	1	1
GYT members ¹			
Male	72	44	44
Female	2	3	3
Polling stations ²	38	40	40
Eligible voters (18 years and above) ²	12206	12618	n.a
Male	5686	n.a	n.a
Female	6520	n.a	n.a
% of Voters turnout during election		n.a	n.a
Male	2170	n.a	n.a
Female	2996	n.a	n.a
Total election staff in Dzongkhag	3	4	4
Male	3	3	3
Female	0	1	1

Source:¹Gewog Administration, ²Election Sector, Lhuentse Dzongkhag.

Table 45. Parliamentarians and Local Government Election Expenditures, Lhuentse, (2008 & 2011)

Details	Amount (Nu)
2008	
Parliamentarians (Number)	
National council	n.a
National assembly	n.a
2011	
Local government	2,057,550.0
Gup	n.a
Mangmi	n.a
Tsogpa	n.a

Source: Election Office, Lhuentse Dzongkhag

Table 46. Government Finance Expenditures, Lhuentse, (2009 ~ 2011)

Details	2009			2010			2011		
	Expenditures		Total	Expenditures		Total	Expenditures		Total
	Current	Capital		Current	Capital		Current	Capital	
Civil	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Urban Development & Housing	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Roads	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Source: Dzongkhag Administration, Lhuentse

Table 47. Dzongkhag 9th and 10th Five Year Plan Outlays, Lhuentse

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	49.059	52.880	n.a	50.35
Agriculture	15.358	9.781	n.a	21.305
Livestock	19.641	12.840	n.a	35.167
Forestry	4.530	6.250	n.a	32.035
Education	115.067	247.281	n.a	n.a
Health	53.253	33.154	n.a	102.95
Urban development & housing	3.158	68.700	n.a	50.8
Roads	3.941	0.000	n.a	n.a
Bhutan post	0.000	0.000	n.a	n.a
Telecommunication	0.000	0.000	n.a	n.a
Power	1.329	0.000	n.a	n.a
Trade & industry	0.000	0.000	n.a	n.a
Total	265.336	430.886	n.a	292.607
Total plan outlay				

Source: Dzongkhag Administration, Lhuentse

Table 48. Dzongkhag 9th and 10th Five Year Plan Expenditure, Lhuentse

Sectors	(in million Nu.)			
	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan expenditure	n.a	n.a	n.a	n.a

Source: Dzongkhag Administration, Lhuentse

Table 49. Gewog 9th and 10th Five Year Plan Outlays, Lhuentse
(In million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	3.724	22.6	n.a	14.98
Agriculture	n.a	91.741	n.a	106.709
Livestock	n.a	10.746	n.a	14.049
Forestry	n.a	4.99	n.a	10.311
Education	n.a	19,918	n.a	
Health	n.a	13.778	n.a	32.93
Urban development & housing	n.a	n.a	n.a	n.a
Roads/Bridges/MT	n.a	22.573	n.a	12.615
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a

Source: Planning Unit, Lhuentse Dzongkhag

Table 50. Gewog 9th and 10th Five Year Plan by Expenditures, Lhuentse
(In million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads & bridges	n.a	n.a	n.a	n.a
Religion & cultural	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & Industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a

Source: Dzongkhag Administration, Lhuentse

Table 51. Employed Persons by Age, Sex and Area of Residence, Lhuentse, (2008 ~ 2011)

Details	(Number)			
	2008	2009	2010	2011
Total	n.a	n.a	7200	7290
Male	n.a	n.a	3300	3442
Female	n.a	n.a	3900	3848
Rural Total	n.a	n.a	6900	6476
Male	n.a	n.a	3100	3011
Female	n.a	n.a	3800	3465
Urban Total	n.a	n.a	300	814
Male	n.a	n.a	200	431
Female	n.a	n.a	100	388

Source : Labour Force Survey, MoLHR

Table 52. Employment by Industries, Age Group and Sex, Lhuentse, (2009 ~ 2011)

Details	2009	2010	2011
Total labour force (Number)	n.a	7300	7380
Total employed (%)	n.a	98.6	98.8
Male	n.a	45.21	97.6
Female	n.a	53.42	99.8
Unemployment rate	n.a	1.4	1.2
Total employed in Agriculture (%)	n.a	n.a	n.a
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Total employed in Industries (%)	n.a	n.a	n.a
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Total employed in Services (%)	n.a	n.a	n.a
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Total unemployed by area (%)	n.a	n.a	n.a
Urban	n.a	n.a	n.a
Rural	n.a	n.a	n.a
Total un-employed by education (%)	n.a	n.a	n.a
Total unemployed grade XII and above	n.a	n.a	n.a
Total unemployed below grade XII	n.a	n.a	n.a
Total under employed (%)	n.a	n.a	n.a
Employed by age-group (%)	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a

Unemployed by age-group (%)	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a
Labor force participation rate (%)	n.a	71.6	83.1
Male participation rate	n.a	70.2	81.8
Female participation rate	n.a	71.4	85

Source : Labour Force Survey, MoLHR

Table 53. Child Labour, Lhuentse, (2010)

Percentage of Children by Involvement in Economic Activity and Household Chores During the Past Week, According to Age Groups, and Percentage of Children Age 5-14 Involved in Child Labour

Child labour	2010
Percentage of children age 5-11 involved in Economic activity	
Working outside household	
Paid work	0
Unpaid work	1.3
Working for family business	11.1
Economic activity for at least one hour	11.9
Household chores less than 28 hours	18.5
Household chores for 28 hours or more	0
Child labour	11.9
Number of children age 5-11	
Percentage of children age 12-14 involved in	
Economic activity	
Working outside household	
Paid work	4.4
Unpaid work	4.6
Working for family business	32.6
Economic activity less than 14 hours	26.6
Economic activity for 14 hours or more	7.1
Household chores less than 28 hours	50.8
Household chores for 28 hours or more	0
Child labour	7.1
Number of children age 12-14	125
Total child labour [1]	10.3
Number of children age 5-14 years	367

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Lhuentse, (2010)

Percentage of children age 5-14 years involved in child labour who are attending school, and percentage of children age 5-14 years attending school who are involved in child labour

Child Labour and School Attendance	2010
Percentage of children involved in child labour	10.3
Percentage of children attending school	77.1
Number of children age 5-14 years	367
Percentage of child labourers who are attending school	78.9
Number of children age 5-14 years involved in child labour	38
Percentage of children attending school who are involved in child labour	10.5
Number of children age 5-14 years attending school	283

Source: BMIS, 2010

Table 55. Agriculture Production and Average Prices by COMmodities, Lhuentse, (2007 ~ 2010)

Details	2007	2008	2009	2010	2011
Paddy					
Area (Acres)		2675	709	2216	n.a
Production (MT)		5272	2749	3287	2861.35
Price per Kg(Nu.)		n.a	n.a	n.a	n.a
Maize					
Area (Acres)		3828	869.3	2563	n.a
Production (MT)		4273	2027.38	2873	2852.02
Price per Kg(Nu.)		n.a	n.a	n.a	n.a
Wheat					
Area (Acres)		n.a	18	19	n.a
Production (MT)		n.a	21	9	19.69
Price per Kg(Nu.)		n.a	n.a	n.a	n.a
Barley					
Area (Acres)		n.a	2.84	15	n.a
Production (MT)		n.a	4.33	5	7.32
Price per Kg(Nu.)		n.a	n.a	n.a	n.a
Buckwheat					
Area (Acres)		n.a	11	3	n.a
Production (MT)		n.a	17	1*	0
Price per Kg(Nu.)		n.a	n.a	n.a	n.a
Millet					
Area (Acres)		687	49.83	91	n.a
Production (MT)		263*	72.47	64	79.19
Price per Kg(Nu.)		n.a	n.a	n.a	n.a
Fruits					
Apples					
Number of fruit bearing trees		654	0	380	n.a
Production (Kg)		5	0	4687	n.a
Price per Kg(Nu.)		n.a	n.a	n.a	n.a
Oranges/ Mandarin					
Number of fruit bearing trees		8999	4000	6692	n.a
Production (Kg)		325	176.2	232100	n.a
Price per Kg(Nu.)		n.a	n.a	n.a	n.a
Banana					
Number of fruit bearing trees		n.a	n.a	1864	n.a
Production (Kg)		n.a	n.a	23171	n.a
Price per Dozen(Nu.)		n.a	n.a	n.a	n.a
Pear					
Number of fruit bearing trees		1583	1000	1192	n.a
Production (Kg)		39	39.9	50756	n.a
Price per Kg(Nu.)		n.a	n.a	n.a	n.a
Plum					

Annual Dzongkhag Statistics, 2012 : LHUENTSE

Number of fruit bearing trees	1712		1254	n.a
Production (Kg)	33		52508	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Areca Nut				
Production (Pon)	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per 80 Piece/Pon(Nu.)	n.a	n.a	n.a	n.a
Vegetables and Spices				
Potato				
Production (kg)	467	1249.5	557212	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Chili				
Production (kg)				n.a
Production (Nu.)	250	344.5	552720	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Onion				
Production (kg)	na	98.67	14887	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Cabbage				
Production (kg)	155	77.62	88560	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Cauliflower				
Production (kg)	56	2.16	42853	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Asparagus				
Production (Bundles)	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per bunddle (Nu.)	n.a	n.a	n.a	n.a
Tomato				
Production (Kg)	197	7.7	5150	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Carrot				
Production (Kg)	n.a	2.16	5	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Egg Plant (Brinjal)				
Production (Kg)	29	n.a	24072	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Raddish				
				n.a

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Production (Kg)	224	149.2	173904	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Ginger				n.a
Production (Kg)	n.a	9.59	38190	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Cardamom				n.a
Production (Kg)	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Garlic				
Production (Kg)	46	167.48	38190	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Oil seeds and legumes				
Lentils				
Production (Kg)	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Mustards				
Production (Kg)	235	25.58	23343	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Beans				
Production (Kg)	24	110.79	94271	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a

Source: Agriculture Sector, Lhuentse Dzongkhag

Table 56. Agriculture Infrastructures and Other Facilities , Lhuentse, (2007 ~ 2011)

Details	2008	2009	2010	2011
Irrigation for agriculture				
Number of irrigation channels				
Functional	n.a	63	63	63
Non-Functional	n.a	59	59	59
Non-Functional	n.a	4	4	4
Total length of channels (Km)	n.a	257.8	257.8	257.8
Area covered by irrigation (Acres)	n.a	2574	2574	2619.93
Number of households benefitted	n.a	1777	1777	2210
Number of food processing units	1	1	1	1
Number of agriculture mills ¹	791			
Number of livestock product processing units	n.a	n.a	n.a	n.a
Number of farmer association/groups				
Agriculture	6	6	8	9
Livestock	13	13	14	14
Forestry	9	13	18	18
Number of power tillers	15	23	23	26

Note:¹Including two traditional mills

Source: Agriculture Sector, Lhuentse Dzongkhag

Table 57: Livestock Population by Types, Lhuentse, (2007~2010)

Details	2008	2009	2010	2011
Livestock (Number)				
Cattle				
Local breed	8556	7932	3583	11570
Male	2472	2256	832	4137
Female	6084	5676	2751	7433
Improved breed	2343	1859	1874	1825
Male	491	278	367	453
Female	1852	1581	1507	1372
Mithun	35	28		41
Bufallo	N.A	N.A	N.A	N.A
Male	N.A	N.A	N.A	N.A
Female	N.A	N.A	N.A	N.A
Horse	1864	1364	1414	
Local breed	1609	1152	1380	13853
Improved breed	255	212	34	17
Yak	447	454	322	216
Male	120	64	52	61
Female	327	390	270	155
Sheep	151	84	64	99
Local breed	151	25	64	0
Improved breed	0	59	0	0
Pig	792	363	220	227
Local breed	432	180	98	51
Improved breed	360	183	122	176
Poultry	7010	5563	7076	8622
Local breed	5671	5253	6570	6158
Improved breed	1339	310	506	2464
Goat	24	29	27	80

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Lhuentse Dzongkhag

Table 58: Livestock Productions, Lhuentse, (2007~2010)

Details	2008	2009	2010	2011
Livestock products				
Fresh Milk (Liters)	n.a	537605	903772	1014562*
Butter (Kg)	n.a	53017.2	56265.26	50440.64
Fresh Cheese (Kg)	n.a	99611.4	77463.5	90244.6
Processed cheese (kg)	n.a	0	1090	1080
Eggs (Dozen)	n.a	38810.92	36345.17	60233.75
Fish (Kg)	n.a	na	na	na
Beef (Kg)	n.a	15110	na	49806
Pork (Kg)	n.a	6407	na	5558
Yak Meat (Kg)	n.a	na	na	190
Mutton (Kg)	n.a	na	na	na
Honey (Gm)	n.a	na	na	na
Chicken (Kg)	n.a	na	na	na

Source: Livestock Sector, Lhuentse Dzongkhag

* Unite of measurement Kg

Table 59. Forestry Production, Lhuentse, (2007 ~ 2010)

Details	2007	2008	2009	2010	2011
Wood Forest Product¹					
Log Form (Cft)	n.a	n.a	n.a	n.a	n.a
Fire wood (Cubic metres)	5055	2707	5644	n.a	n.a
Flag Poles (Number)	406	745	1307	n.a	n.a
Shingiap (Number of trees)	17	78	-	n.a	n.a
Cham (Number of trees)	161	1123	1417	n.a	n.a
Tsim (Number of trees)	117	795	893	n.a	n.a
Non-Wood Forest Product²					
Mushroom (Kg)	n.a	n.a	n.a	n.a	n.a
Mushroom (Nu.)	n.a	n.a	n.a	n.a	n.a
Medicinal and Aromatic plants (Kg)	n.a	n.a	n.a	n.a	n.a
Cordyceps (Kg)	n.a	n.a	n.a	n.a	n.a
Cordyceps (Nu.)	n.a	n.a	n.a	n.a	n.a
Sand (Truck load)	347	48	332	n.a	n.a
Stones (Truck load)	182	187	323	n.a	n.a
Bamboo (Number)	31750	4740	21360	n.a	n.a
Cane (Bundles)	n.a	30	n.a	n.a	n.a
Lemon Grass (Kg)	n.a	n.a	n.a	n.a	n.a
Mining Sites (Number)	n.a	n.a	n.a	n.a	n.a
Quarry Sites	n.a	n.a	1	1	1
Municipal Waste Disposal Sites	1	1	1	1	1
Environmental Clearance Issued	5	1	13	19	38

Note: Cordyceps amount collected only for auction royalty charges.

Source: ¹Divisional Forest, ²Thromsingla National Park, Lhuentse

Table 60. Electricity Generating Stations and Capacities, Lhuentse, (2009 & 2010)

Stations	2010		2011	
	Installed capacity (no.x MW)	Generating capacity (MW)	Installed capacity (no.x MW)	Generating capacity (MW)
Gangzur thimiyul Mini Hydel	2x 60 KW	120	2x60 kw	120
Diesel generation stations list the name	n.a	n.a	n.a	n.a
Other diesel stations list the name	n.a	n.a	n.a	n.a
		Peak generation (MU)		Peak generation (MU)
		0.066		0.05

Source : Department of Energy, MoEA, Lhuentse

Table 61. Number of Households by Area, Lhuentse, (2009 ~ 2011)

Details	2009	2010	2011
Total number of household in Urban	236	236	236
Total number of household in Rural	2765	2765	2765

Source: PHCB, 20005

Table 62. Number of Building Permits issued by Towns, Lhuentse, (2009 ~ 2011)

new buildings	2009	2010	2011
Lhuentse Town	n.a	n.a	n.a
Autsho Town	n.a	n.a	n.a

Source: Dzongkhag Municipal, Lhuentse Dzongkhag

Table 63. Number of Establishment by Type and Size, Lhuentse , (2009 ~ 2011)

Details	2009	2010	2011
Industries by type (Number)			
Agro based	n.a	n.a	2
Forestry based	n.a	1	8
Mineral based	n.a	n.a	n.a
Others	n.a	1	1
Industries by scale (Number)			
Large	n.a	n.a	n.a
Medium	n.a	n.a	n.a
Small	n.a	n.a	2
Cottage	n.a	6	196
Contract firms (Number)			
Large	n.a	n.a	176
Medium	n.a	n.a	19
Small	n.a	10	157

Source: Regional Trade Office, Mongar

Table 64.Number of Wholesale, Retail Trade and Industrial Licenses Issued, Lhuentse, (2007 ~ 2011)

Details	(Number)					
	2007	2008	2009	2010	2011	2012
Trade and Industries						
Micro & retail trade licences issued	n.a	n.a	n.a	19	18	18
Micro & retail trade licences in operation	n.a	n.a	n.a	18	17	17
Wholesale trade licences issued	n.a	n.a	n.a	n.a	n.a	n.a
Wholesale trade licences in operation	n.a	n.a	n.a	n.a	n.a	n.a
Services licences issued	n.a	n.a	n.a	6	9	9
Services licences in operation	n.a	n.a	n.a	6	9	9
Manufacturing licences issued	n.a	n.a	1	2	3	3
Manufacturing licences in operation	n.a	n.a	1	2	3	3

Source: Regional Trade Office, Monggar

Table 65. Number of Public Transport and Facilities, Lhuentse, (2007 ~ 2011)

Details	(Number)				
	2007	2008	2009	2010	2011
Public Service Transport					
Bus			5		7
Taxi			13		18
Motor vehicle registration					
Heavy			27		32
Medium			24		29
Small			148		213
Two wheeler			41		64
Auto Mobile workshop ³			1		1
Bus stations					

Source: RSTA Regional Office, Lhuentse

Table 66: Roads and Bridges, Lhuentse, (2007~2010)

Details	(Number)				
	2007	2008	2009	2010	2011
Roads (Length in Km)					
Farm roads ¹	36.2	73.2	99	220	349.27
Feeder roads ²	n.a	69.76	69.76	69.8	69.76
Forest roads ¹	14	14	7.1	7.1	7.1
Highways/Dzongkhag roads	45	45	45	45	45
Bridges (Number)					
Suspension bridge ¹	n.a	7	7	7	7
Suspended ¹	n.a	13	13	13	13
Bailey bridges ²	n.a	n.a	n.a	9	9
Traditional bridges ¹	n.a	n.a	n.a	n.a	n.a

Source: ¹Dzongkhag Engineering Section, ²Department of Roads, Lhuentse

Table 67. Telecommunications, Lhuentse, (2007 ~ 2011)

Telecommunications	(Number)				
	2007	2008	2009	2010	2011
Households with fixed telephone connections	n.a	211	234	123	161
Tashi cell users	n.a	n.a	n.a	n.a	n.a
B.mobile users	n.a	n.a	n.a	n.a	n.a
Community information centres	n.a	1	1	2	6
Gewogs accessible to mobile services	n.a	7	8	8	8
Households with internet access	n.a	n.a	n.a	n.a	n.a
Bhutan post office	1	1	1	1	1

Source: Gewog Administration Office & Regional Office, **Lhuentse** Dzongkhag.

Table 68. Number of Establishment in Bnking and Finance, Lhuentse, (2009 ~ 2011)

Number of establishments	(number)		
	2009	2010	2011
RICBL		1	1
BDFCL	1	1	1
BNB	1	1	1
Druk PNB	n.a	n.a	n.a
T Bank	n.a	n.a	n.a
Bhutan insurance limited	n.a	n.a	n.a
BOB	1	1	1

Source: Financial Institutions, Lhuentse Dzongkhag

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Table 69. Number of account holders in Banks, Lhuentse, (2011)

Number of facilities	Number of account holders (2011)		
	Loan	savings	current fixed deposit recurring deposit
RICB			34
BDFCL	856	720	3
BNB	n.a	n.a	n.a
PNB	n.a	n.a	n.a
T Bank	n.a	n.a	n.a
Bhutan insurance limited	n.a	n.a	n.a
BOB			185

Source: Financial Institutions, Lhuentse Dzongkhag

Table 70. Number of Administrative Units, Lhuentse, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011
Administration (Number)					
Drungkhags	n.a	n.a	n.a	n.a	n.a
Gewogs	8	8	8	8	8
Chiwogs	n.a	n.a	n.a	n.a	40
Villages	297	297	297	297	297
Households	3001	3001	3001	3001	3001
Towns	2	2	2	2	2
Number of Police stations	1	1	1	1	1

Table 71. Recreation, Tourist Visitors and Accommodation, Lhuentse, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011
Number of children park	n.a	n.a	n.a	n.a	n.a
Number of hotels	2	2	2	2	2
Number of restaurants	2	2	2	3	3
Number of drayangs	n.a	n.a	n.a	n.a	n.a
Number of discotheques	n.a	n.a	n.a	n.a	n.a
Number of tourist visitors	n.a	n.a	n.a	n.a	n.a

Source: Administration Office, Lhuentse Dzongkhag
No. of villages as per Election Village list



**Annual Dzongkhag Statistics
2012**



**Dzongkhag Administration
Monggar**

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Preface

The Annual Dzongkhag Statistics of Monggar is the second in the series of publications. It attempts to provide comprehensive statistics of Mongar Dzongkhag and will be published annually.

The report contains statistics on demographic and socio-economic, environment, culture, local governance and infrastructures of the Dzongkhag. The statistical data for this publication are collected and compiled from various sectors and through primary sources.

We hope that this report will serve as a source of information and guiding tool for micro-level planning and decision-making in the Dzongkhag. Statistics office, Monggar would like to thank and acknowledge the support and cooperation of all sector/regional heads concerned for providing timely information for this report. Without their support, this publication would not have been possible. Through this initiative, we also hope that the maintenance of sectoral information and updation in the Dzongkhag will become more systematic and efficient henceforth.

Since this report is the second publication and with information source being from numerous sectors, we expect there may be certain deficiencies in terms of coverage and updation. However, there will be continuous efforts made to improve its coverage and quality in our future publications. Your comments and suggestions in this regard will be highly appreciated.

**National Statistics Bureau
Thimphu**

Background

Mongar Dzongkhag is 450 km east of Thimphu, the capital city of Bhutan. It lies between 27.25° latitude and 91.2° longitude. It has an area of about 1,947 sq.km with elevation ranging from 400-4000 meters above sea level. The lower and southern parts are sub tropical while northern and higher regions have temperate climatic conditions. Summer can be hot and humid and winter cold.

The Dzongkhag is enclaved by Trashigang, Lhuntshe, Pemagatshel, Samderup Jongkhar, Zhemgang and Bum-thang Dzongkhags. The kuri chhu, Sheri chhu and Dangme chhu are important rivers in the Dzongkhag.

For Administrative prospers, the Dzongkhag is divided in to 17 gewogs and a Drungkhag located at Weringla to cover the two Gewogs of Gongdue and Slambi. The other Gewogs are Balam, Chali, Chaskar, Dramitse, Drepong, Jurmey, Kengkhar, Mongar, Narang, Ngat-shang, Saleng, Sherimung, Thangrong, Tsakaling and Tsamang. The population is estimated at 41,386 with male and female almost equally divided.

While maize and rice are grown abundantly, citrus fruits and vegetables, dairy and poultry products are increasingly becoming important sources of cash income.

The Dzongkhag has 63.5 km of feeder roads, 309 km of farm road, and 92.2 km of power tiller tracks. The east west National High way passes through the heart of the Dzongkhag.

The dzongkhag has 51 School (50 Government and 1 private) with more than 10,000 students, 1 Regional Re-ferral Hospital, 22 Basic Health Units (BHU's) and more than 50 Outreach Clinics (ORC's). There are also 17 Renewable Natural Resources Extension Center (RNR) and one Renewable Natural Resources Research and Development Center located at Wengkhar.

ABBREVIATIONS

%: Percent	HSS: Higher Secondary School
< : Less than	Inst: Institute
> : Greater than	Kg: Kilogram
AIDS: Acquired Immune Deficiency Syndrome	LFS: Labor Force Survey
Avg: Average	LSS: Lower Secondary School
BHU: Basic Health Unit	Max: Maximum
BLSS: Bhutan Living Standard Survey	Min: Minimum
Cft: Cubic Feet	MSS: Middle Secondary School
CPS: Community Primary school	n.a: Not Available
DPTH: Diphtheria Parthusis Tetanus Hepatitis B	N.A: Not Applicable
DYT: Dzongkhag Yargye Tsogdue	NFE: Non Formal Education
FYP: Five Year Plan	Nu: Ngultrum
GDP: Gross Domestic Product	ORC: Outreach Clinic
GIS: (Infrastructure mapping): Geographical Infrastructure System	PAR: Poverty Analysis Report
Gm: Gram	PHCB: Population and Housing Census of Bhutan
GYT: Gewog Yargye Tshogchung	PP: Pre Primary
HIV: Human Immune Virus	PS: Primary School
Hr: Hour	Pvt: Private
	Qty: Quantity
	Sq. Km: Square Kilometer
	SYB: Statistical Yearbook
	TV: Television

Table 1. Population by Age-Group and Sex, Monggar, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	37,069	37,768	38,480	39,197	39,922	40,653	41,386	42,119
0-4	3,817	4,001	4,266	4,530	4,791	5,047	5,028	5000
5-9	4,369	3,931	3,841	3,764	3,702	3,653	3,920	4187
10-14	4,761	4,231	4,179	4,116	4,048	3,981	3,883	3801
15-19	4,756	4,158	4,186	4,209	4,218	4,211	4,185	4142
20-24	3,332	3,902	3,947	3,988	4,026	4,064	4,102	4139
25-29	2,889	3,495	3,576	3,650	3,720	3,783	3,842	3895
30-34	2,280	2,906	3,015	3,127	3,238	3,342	3,473	3525
35-39	1,949	2,428	2,500	2,575	2,655	2,748	2,851	2964
40-44	1,560	1,973	2,050	2,130	2,213	2,293	2,371	2447
45-49	1,790	1,625	1,672	1,722	1,780	1,843	1,914	1993
50-54	1,434	1,341	1,379	1,422	1,465	1,512	1,559	1608
55-59	1,045	1,100	1,128	1,158	1,190	1,225	1,263	1304
60-64	999	888	909	930	954	979	1,006	1036
65+	2,088	1,789	1,832	1,876	1,922	1,972	2,024	2078
Male	18,694	19,008	19,334	19,660	19,995	20,331	20,670	21,010
0-4	1,896	1,925	2,054	2,182	2,309	2,433	2,424	2410
5-9	2,246	1,902	1,855	1,815	1,783	1,758	1,887	2017
10-14	2,471	2,064	2,034	2,000	1,964	1,929	1,878	1835
15-19	2,371	2,058	2,062	2,066	2,064	2,055	2,037	2012
20-24	1,767	1,993	2,002	2,007	2,012	2,018	2,026	2036
25-29	1,410	1,816	1,854	1,887	1,917	1,941	1,959	1972
30-34	1,158	1,528	1,581	1,635	1,688	1,738	1,783	1825
35-39	952	1,281	1,319	1,358	1,399	1,445	1,497	1552
40-44	742	1,027	1,070	1,115	1,162	1,206	1,248	1289
45-49	897	837	862	888	919	953	993	1038
50-54	709	688	707	729	751	775	800	825
55-59	528	561	575	590	606	624	643	664
60-64	495	449	459	469	481	494	507	522
65+	1,052	879	900	919	940	962	987	1013
Female	18,375	18,760	19,146	19,537	19,927	20,322	20,716	21,109

0-4	1,921	2,076	2,212	2,348	2,482	2,614	2,604	2590
5-9	2,123	2,029	1,986	1,949	1,919	1,895	2,033	2170
10-14	2,290	2,167	2,145	2,116	2,084	2,053	2,006	1966
15-19	2,385	2,100	2,124	2,143	2,154	2,156	2,148	2130
20-24	1,565	1,909	1,945	1,981	2,014	2,046	2,076	2103
25-29	1,479	1,679	1,722	1,763	1,803	1,843	1,883	1923
30-34	1,122	1,378	1,434	1,492	1,550	1,604	1,654	1700
35-39	997	1,147	1,181	1,217	1,256	1,302	1,354	1412
40-44	818	946	980	1,015	1,051	1,087	1,123	1158
45-49	893	788	810	834	861	889	921	955
50-54	725	653	672	693	714	737	759	783
55-59	517	539	553	568	584	601	620	640
60-64	504	439	450	461	473	486	499	514
65+	1,036	910	932	957	982	1,009	1,035	1065

Note: Figures for the year 2006 onwards are based on the projected population
 Source: Population & Housing Census of Bhutan, 2005

Table 2. Population, Density and Sex Ratio, Monggar, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	37,069	37,768	38,480	39,197	39,922	40,653	41,386	42119
Population density (Persons per Sq. Km)	19	19	20	20	21	21	21	21.63
Population sex ratio	102	101	101	101	100	100.0	99.7	99.53

Source : Dzongkhag Population Projection 2006-2015

Table 3. Total Number of Live Births, Deaths, Marriages and Divorces, Monggar, (2008 ~ 2011)

Age-group	2008	2009	2010	2011
Live births				
Male	436	n.a	423	
Female	401	n.a	406	
Total deaths				
Male	96	n.a	115	
Female	107	n.a	113	
Infant deaths				
Male	7	n.a	12	
Female	6	n.a	3	
Marriages	41	42	241	253
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a
Divorces				
Male	6	6	8	10
Female	30	39	67	70

Source: Dzongkhag Health Sector & Court, Monggar, Dzongkhag

Table 4. Adolescent Birth rate and Total fertility rate, Monggar, (2010)

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	138
Total fertility rate	3

Source : BMIS, 2010

Table 5. Early Childbearing, Monggar, (2010)

Percentage of women age 15-19 who have had livebirth or who are pregnant with the first child; percentage of women age 15-19 who have begun childbearing before age 15, and the percentage of women age 20~24 who have had a live birth before age 18.

Details	2010
% of women age 15~19	
Have had a live birth	19
Are pregnant with first child	1
Have begun childbearing	19.9
Have had a live birth before 15	0
Number of women age 15~19	117
% of women age 20~24 who have had a live birth before age 18	16.6
Number of women age 20~24	161

Source : BMIS, 2010

Table 6. Use of Contraception, Monggar, (2010)

Details	2010
Percentage of Women age 15-49 Years Currently Married or in Union Who are using (or whose partner is using) a Contraceptive Method.	36.4
Not using any method	5
Percent of women (currently married or inunion) who are using	8
Female sterilization	6.2
Male sterilization	38.4
IUD	0
Injectables	3.5
Implants	2.5
Oral contraceptive Pill	0
Male condom	0
Female condom	0
Foam/ jelly	0
Lactational amenorrhoea method (LAM)	0
Periodic abstinence/ rhythm	0
Withdrawal	0
Other	0
Any modern method	63.6
Any traditional method	0
Any method	63.6
Number of women currently married or in union	697

Source : BMIS, 2010

Table 7. Antenatal Care Provider, Monggar, (2010)
Percent Distribution of Women Aged 15-49 Who Gave Birth in The Survey by Type of Personnel Providing Antenatal Care.

Details	2010
Persons providing antenatal care	20.6
Doctor	30.8
Nurse/ midwife	47.9
HA/ BHW	0
Assistant clinical officer (ACO)	0
Traditional birth attendant	0
Village health worker	0
Other/ missing	0
No antenatal care received	0.7
Total	100
At Least once by skilled personnel	99.3
Number of women who gave birth in the preceding 2 years	186

Source : BMIS, 2010

Table 8. Number of Antenatal Care Visits, Monggar, (2010)
Percentage of Women Who had a Live Births During the Two Years Preceding the Survey by Number of Antenatal Care Visits by Any Provider.

Details	2010
Percent of women who had	
No antenatal care visits	0.7
1 Visits	3
2 Visits	8.4
3 Visits	9.1
4 or more visits	78.1
Missing/ DK	0.7
Total	100
Number of women who gave birth in the preceding 2 years	186

Source : BMIS, 2010

Table 9. Assistance During Delivery, Monggar, (2010)

Details	2010
Person assisting at delivery	
Doctor	21.2
Nurse / Midwife	20.2
HA/BHW	20.3
Asst. clinical officer (ACO)	0
Traditional birth attendant	0
Village health worker	0.7
Relative / friend	35.1
Other/missing	1.7
No attendant	0.8
Total	100
Any skilled personnel	61.7
Percent delivered by C-section	8.1
Number of women who gave birth in preceding two years	186

Source : BMIS, 2010

Table 10. Place of Delivery, Monggar, (2010)

Details	2010
Place of delivery	
Public sector health facility	59.8
Private sector health facility	0
Home	40.2
Other	0
Total	100
Delivered in health facility [1]	59.8
Number of women who gave birth in preceding two years	186

Source : BMIS, 2010

Table 11. Health Infrastructures, Facilities and Personnel, Monggar, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Number of hospitals	1	1	1	1	1
Number of BHUs	20	20	24	24	24
BHU grade I	1	2	1	1	2
BHU grade II	18	18	23	23	22
Number of ORCs	54	51	51	51	51
Number of indigenous units	2	4	4	4	4
Number of doctors	13	11	14	13	13
Number of hospital/BHU beds	80	214	214	214	214
Persons per doctor	3266.1	3563.4	2851.6	2851.6	2851.6
Persons per hospital bed	481	183.2	186.6	185	185
Total morbidity attendance	137826	133376	135286	136,782	138945
Health assistants	27	27	32	32	32
Basic health workers	17	17	17	17	17
Sister and nurses	56	57	57	57	57
Technicians	56	47	47	47	47
Indigenous dungtsho	1	1	1	2	2
Indigenous compounders/Mempas	2	4	4	4	4
Malaria workers	2	2	3	3	3
Village health workers	63	75	93	93	93
Number of children immunized					
Polio	790	847	845	796	1098
DPTH	786	847	848	781	795
Measles	878	856	877	806	757
BCG	855	979	1039	977	1080
Others	1693	1888	1133	898	975

Source: Dzongkhag Health Sector, Monggar, Dzongkhag

Table 12. Hospital Admission and Average Length of Stay, (Dzongkhag Name), (2007 ~ 2010)

	2007	2008	2009	2010	2011
Average admission					
Hospital admission					
Total	2790	2834	3392	3758	4536
Patient days	19005	18417	23253	23518	26226
Average days	6.8	6.5	6.9	6.3	5.8
BHU admission	779	842	913	789	767

Source : Annual Health Bulletin, MoH

Table 13. Number of Surgeries, Monggar, (2007 ~ 2010)

Details	2007	2008	2009	2010	2011
Surgeries					
Caesarian Section	119	157	183	176	185
General Abdominal	93	102	145	123	301
General Others	204	176	211	225	97
Orthopaedic extremities	161	78	341	290	362
Orthopaedic Others	80	37	10	231	22
Gynaecology	167	218	270	15	137
ENT	5	8	45	81	173
Eye	99	53	91	145	35

Source : Annual Health Bulletin, MoH

Table 14. Number of Dental Services, Monggar, (2007 ~ 2010)

Dental Services	2007	2008	2009	2010	2011
Prophylaxis	53	51	169	103	139
Scaling	34	38	38	106	26
Fillings	755	879	1134	1215	1148
Extractions	1505	1389	1579	1704	1832
Others	2218	2331	2109	2517	2564

Source : Annual Health Bulletin, MoH

Table 15: Number of Top Ten Morbidity, Monggar, (2007~ 2011)

Priority health problem/ Disease	2007	2008	2009	2010	2011
Diarrhoea	4,443	3,230	n.a	2,681	n.a
Conjunctivitis	4,352	3,723	n.a	6,707	n.a
Dysentery	1,880	1,697	n.a	1,399	n.a
Typhoid	368	159	n.a	n.a	n.a
Sexually transmitted disease, excluding HIV/AIDS	115	114	n.a	43	n.a
Diabetes	18	39	n.a	46	n.a
Tuberculosis	71	75	n.a	98	n.a
Early syphilis	2	11	n.a	n.a	n.a
Cholera	0	0	n.a	0	n.a
Tetanus	0	0	n.a	0	n.a
Diphtheria	0	0	n.a	0	n.a
Pertussis	0	0	n.a	0	n.a

Source : Dzongkhag Health Sector, Monggar, Dzongkhag

Table 16. Child Disability, Monggar, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	2.3
Difficulty seeing, either in the daytime or at night	1.2
Appears to have difficulty hearing	2.1
No understanding of instructions	2.6
Difficulty in walking moving, moving arms, weakness or stiffness	1.6
Have fits, become rigid, lose consciousness	0.7
Not learning to do things like other children his/her age	6.2
No speaking cannot be understood in words	7
Appears mentally backward, dull, or slow	1.7
Speech is not normal	4.2
Number of children aged 3-9 years	714
Cannot name at least one object	17.5
Number of children aged 2 years	100
Percentage of children 2-9 years of age with at least one reported disability*	20.3
Number of children aged 2-9 years	814

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Monggar, (2010)

Percentage of children under age 5 by nutritional status according to three anthropometric indices: weight for age, height for age, and weight for height.

Nutritional Status	2010
Weight for age: % below -2 sd [1]	12
Weight for age: % below -3 sd [2]	3.7
Weight for age: Mean Z-Score (SD)	-0.8
Weight for age: Number of children	462
Height for age: % below -2 sd [3]	39.7
Height for age: % below -3 sd [4]	13.9
Height for age: Mean Z-Score (SD)	-1.5
Height for age: Number of children	453
Weight for height: % below -2 sd [5]	5.5
Weight for height: % below -3 sd [6]	2
Weight for height: % above +2 sd	5.6
Weight for height: Mean Z-Score (SD)	0.1
Weight for height: Number of children	449

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Monggar, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey Who Were Ever Breastfed, Percentage Who Were Breastfed Within One Hour of Birth and Within One Day of Birth, and

Initial Breastfeeding	2010
Percentage ever breastfed	
Percentage who were first breastfed: Within one hour of birth	65.9
Percentage who were first breastfed: Within one day of birth	93.4
Percentage who received a prelacteal feed	4.3
Number of last-born children in the two years preceding the survey	186

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Monggar, (2010)

Median duration of any breastfeeding, exclusive breastfeeding, and predominant breastfeeding among children age 0-35 months.

Duration of Breastfeeding	2010
Median duration (in months) of Any breastfeeding	25.8
Exclusive breastfeeding	2.2
Predominant breastfeeding	3
Number of children age 0-35 months	274

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Monggar, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey That are Estimated to Have Weighed Below 2500 Grams at Birth and Percentage of Live Births Weighed at Birth.

Low Birth Weight Infants	2010
Percent of live births Below 2500 grams Weighed at birth	11
Number of live births in the last 2 years	70
	186

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Monggar, (2010)

Percentage of women age 15-49 years with a live birth in the last 2 years protected against neonatal tetanus.

Neonatal Tetanus Protection	2010
Percentage of Women Who Received at Least 2 Doses During Last Pregnancy	49
pregnancy but received	
2 doses, the last within prior 3 years	27
3 doses, the last within prior 5 years	0.7
4 doses, the last within prior 10 years	0.3
5 or more doses during lifetime	0
Protected against tetanus [1]	77
Number of women with a live birth in the last 2 years	186

Source: BMIS, 2010

Table 22. Solid Fuel Use, Monggar, (2010)

Percentage Distribution of Household Members According to Type of Cooking Fuel Used by the Household, and Percentage of Household Members Living in Households Using Solid Fuels for

Solid Fuel Use	2010
Percentage of household members in households using	
Electricity	28.7
Liquefied Petroleum Gas	
(LPG)	14.4
Kerosene	0.1
Coal	0.6
Wood	56.3
Straw/Shrubs/Grass	0
No food cooked in household	0
Other	0
Total	100
Solid fuels for cooking	56.8
Number of household members	4741

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Monggar, (2010)
 Percent distribution of household population according to main source of drinking water and percentage of household population using improved drinking water sources.

Water Sources	2010
Main source of drinking water	
Improved sources	18
Piped into dwelling	74.7
Piped into compound	2.4
Piped to neighbor	1.3
Public outdoor tap	0
Protected well	2.4
Spring	0.3
Rainwater collection	0
Bottled water	
Unimproved sources	0.1
Unprotected well	0.8
Unprotected spring	0
Tanker-truck	
Cart with small tank/drum	0
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	0.1
Other	0
Total	100
Percentage using improved sources of drinking water	99
Number of household members	4741

Source: BMIS, 2010

Table 24. Household Water Treatment, Monggar, (2010)
 Percentage of Household Population by Drinking Water Treatment Method Used in the Household,
 and for Household Members Living in Households Where an Unimproved Drinking Water Source is

Water Treatment	2010
Water treatment method used in the household	
None	33.2
Boil	63.6
Add bleach / chlorine	0.4
Strain through a cloth	1
Use water filter	15.6
Solar disinfection	0
Let it stand and settle	3.2
Other	0
Don't know	0
Number of household members	4741
sources and using an appropriate water treatment method [1]	22.9
sources	46

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Monggar, (2010)
 Percent Distribution of Household Population According to Time to go to Source of Drinking Water, Get Water and Return, for Users of Improved and Unimproved Drinking Water Sources

Time to Source of Drinking Water	2010
Time to source of drinking water	
Users of improved drinking water sources	
Water on premises	95.4
Less than 30 minutes	1.7
30 minutes or more	1.9
Missing/DK	0
Users of unimproved drinking water sources	
Water on premises	0.5
Less than 30 minutes	0.1
30 minutes or more	0.4
Missing/DK	0
Total members	100
	4741

Source: BMIS, 2010

Table 26. Types of Sanitation Facilities, Monggar, (2010)
Percent Distribution of Household Population According to Type of Toilet Facility Used by the Household

Type of Sanitation Facilities	2010
Type of toilet facility used by household	
Improved sanitation facility	
Flush toilet	9.2
Flush to septic tank (Without soak pit)	10.4
Flush to pit (latrine)	1.2
Flush to unknown place/not sure/DK where	0
Flush to septic tank (with soak pit)	5.6
Ventilated Improved Pit latrine (VIP)	0
Pit latrine with slab	14.2
Composing toilet	0
Unimproved sanitation facility	0
Flush to somewhere else	
Pit latrine without slab /open pit	56.7
Long drop latrine	0
Bucket	0
Other	0
Missing	0.1
Open defecation (no facility, bush, field)	
No facility, bush, field	2.5
Total	100
Number of household members	4741

Source: BMIS, 2010

Table 27. Number of schools, Institutions, Teachers and Students, Monggar, (2008 ~ 2012)

Details	Colleges										Daycare Centre	Total
	Cps	Ps	Lss	MSS	HSS	Pvt.	Other Inst.	NFE Centre	Centre	Centre		
2008												
Number of schools and institutions	31	6	8	2	2	n.a	n.a	n.a	65	n.a	114	
Teaching staff												
Bhutanese												
Male	59	21	48	27	41	n.a	n.a	n.a	29	n.a	225	
Female	27	4	40	15	9	n.a	n.a	n.a	36	n.a	131	
Non-Bhutanese												
Male	0	0	1	4	12	n.a	n.a	n.a	n.a	n.a	17	
Female	0	0	2	0	5	n.a	n.a	n.a	n.a	n.a	7	
Temporary teachers												
Male	1	0	0	0	0	n.a	n.a	n.a	n.a	n.a	1	
Female	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a		
Number of students												
Male	1,405	472	1,477	647	828	n.a	n.a	n.a	248	n.a	5,077	
Female	1,333	451	1,457	573	564	n.a	n.a	n.a	780	n.a	5,158	
Student to teacher ratio	31	37	32	27	21	n.a	n.a	n.a	16	n.a	27	
2009												
Number of schools and institutions	31	6	8	2	2	n.a	1	n.a	66	n.a	116	
Teaching staff												
Bhutanese												
Male	78	26	58	30	37	n.a	3	n.a	30	n.a	262	
Female	30	8	49	20	20	n.a	1	n.a	42	n.a	170	
Non-Bhutanese												
Male	0	0	1	3	11	n.a	6	n.a	0	n.a	21	
Female	0	0	1	0	5	n.a	3	n.a	0	n.a	9	
Temporary teachers												
Male	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	n.a	
Female	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	n.a	

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Number of students	1,425	458	1,513	657	845	n.a	64	na	302	na	5,264
Male	1,368	462	1,483	523	677	n.a	47	na	833	na	5,393
Female	26	23	27	22	21	n.a	9	na	16	na	23
Student to teacher ratio											
2010											
Number of schools and institutions	31	6	8	2	2	n.a	1	n.a	72	n.a	122
Teaching staff											
Bhutanese	86	24	66	33	52	n.a	10	n.a	32	n.a	303
Male	35	15	57	21	26	n.a	2	n.a	40	n.a	196
Female											
Non-Bhutanese	0	0	2	4	8	n.a	5	n.a	n.a	n.a	19
Male	0	0	2	0	3	n.a	3	n.a	n.a	n.a	8
Female											
Temporary teachers	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	n.a
Male	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	n.a
Female											
Number of students	1,393	467	1,509	646	884	n.a	151	n.a	269	n.a	5,319
Male	1,416	444	1,557	543	704	n.a	151	n.a	664	n.a	5,479
Female											
Student to teacher ratio	23	23	24	21	18	n.a	15	n.a	13	n.a	21
2011											
Number of schools and institutions	32	6	8	2	2	n.a	1	n.a	166	n.a	217
Teaching staff											
Bhutanese	117	27	82	30	49	n.a	10	n.a	107	n.a	422
Male	30	11	57	22	19	n.a	4	n.a	59	n.a	202
Female											
Non-Bhutanese	0	0	2	4	6	n.a	4	n.a	n.a	n.a	16
Male	0	0	1	0	2	n.a	0	n.a	n.a	n.a	3
Female											
Temporary teachers	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	n.a
Male	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	n.a
Female											

Number of students	1541	455	1656	660	802 n.a	127 n.a	675 n.a	5,916
Male	1496	441	1634	577	675 n.a	147 n.a	1458 n.a	6,428
Female	20	23.57	23.67	23.79	n.a	19.57 n.a	12.85 n.a	20
Student to teacher ratio								
2012								
Number of schools and institutions		38	7	2	3 n.a	1 n.a	166 n.a	217
Teaching staff								
Bhutanese								
Male		125	65	34	65 n.a	14 n.a	107 n.a	410
Female		52	52	26	33 n.a	1 n.a	59 n.a	223
Non-Bhutanese								
Male		0	2	0	10 n.a	2 n.a	n.a	14
Female		0	0	1	4 n.a	1 n.a	n.a	6
Temporary teachers								
Male		0	0	0	0 n.a	n.a	n.a	n.a
Female		0	0	0	0 n.a	n.a	n.a	n.a
Number of students								
Male		1427	1582	565	1109 n.a	167 n.a	675 n.a	5,525
Female		1822	1461	570	1161 n.a	212 n.a	1458 n.a	6,684
Student to teacher ratio		18.36	25.57	18.61	20.27 n.a	21.06 n.a	12.85 n.a	20

Source: Dzongkhag Education Sector, Monggar, Dzongkhag.

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Table 28. School Enrolment by Grade and Sex, (Dzongkhag Name), (2008-2012)

Class	2008	2009	2010	2011	2012
Primary level					
Total	6397	6449	6509	6,798	6989
Class PP	1065	1012	1053	1,009	871
Class I	995	1009	1009	1,066	1087
Class II	1059	959	938	1,006	1092
Class III	906	1032	925	957	1048
Class IV	835	920	1039	960	1019
Class V	817	740	842	960	923
Class VI	720	777	703	840	949
Male	3280	3274	3261	3,406	3552
Class PP	543	497	532	517	460
Class I	541	514	495	515	564
Class II	548	514	490	487	536
Class III	460	538	485	502	516
Class IV	406	453	516	502	529
Class V	427	365	405	482	474
Class VI	355	393	338	401	473
Female	3117	3175	3248	3,392	3437
Class PP	522	515	521	492	411
Class I	454	495	514	551	523
Class II	511	445	448	519	556
Class III	446	494	440	455	532
Class IV	429	467	523	458	490
Class V	390	375	437	478	449
Class VI	365	384	365	439	476
Secondary level					
Total	2810	3073	3356	3,413	3676
Class VII	702	684	740	729	819
Class VIII	687	667	607	710	716
Class IX	536	749	659	618	698
Class X	458	505	550	587	556
Class XI	232	239	425	349	420
Class XII	195	229	375	420	467
Male	1549	1688	1789	1,762	1814
Class VII	386	348	358	359	376
Class VIII	335	365	311	339	353
Class IX	281	372	347	311	323
Class X	261	290	279	325	290
Class XI	146	166	249	185	219
Class XII	140	147	245	243	253
Female	1261	1385	1567	1,651	1862
Class VII	316	336	382	370	443
Class VIII	352	302	296	371	363
Class IX	255	377	312	307	375
Class X	197	215	271	262	266
Class XI	86	73	176	164	201
Class XII	55	82	130	177	214

Source: Dzongkhag Education Sector, Monggar, Dzongkhag

Table 29. Student by Age-Group, Sex and by Level, Monggar, (2008~2011)

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total	6398	6449	6479	6,795	6989
Age < 6 years	3	18	72	145	69
Age 6-12 years	5337	5251	5346	5,435	5682
Age 13 & above	1058	1180	1061	1,215	1238
Male	3280	3267	3312	3,417	3552
Age < 6 years	3	9	33	70	55
Age 6-12 years	2735	2656	2727	2,747	2967
Age 13 & above	542	602	552	600	530
Female	3118	3182	3167	3,378	3437
Age < 6 years	0	9	39	75	14
Age 6-12 years	2602	2595	2619	2,688	2715
Age 13 & above	516	578	509	615	708
Student in LSS level (Class VII-VIII)					
Total	1389	1351	1396	1,442	1535
Age < 13 years	22	44	50	49	79
Age 13-14 years	464	559	597	569	598
Age 15 & above	903	748	749	824	858
Male	721	713	690	701	806
Age < 13 years	15	20	26	23	41
Age 13-14 years	222	291	305	266	296
Age 15 & above	484	402	359	412	469
Female	668	638	706	741	729
Age < 13 years	7	24	24	26	38
Age 13-14 years	242	268	292	303	302
Age 15 & above	419	346	390	412	389
Students in MSS level (Class IX-X)					
Total	994	1143	1181	1,205	1256
Age < 15 years	72	15	20	27	39
Age 15-16 years	344	259	324	433	459
Age 17 & above	578	869	837	745	758
Male	542	598	643	636	613
Age < 15 years	24	7	9	15	17
Age 15-16 years	191	121	161	207	199
Age 17 & above	327	470	473	414	397
Female	452	545	538	569	641
Age < 15 years	48	8	11	12	22
Age 15-16 years	153	138	163	226	260
Age 17 & above	251	399	364	331	361

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Students in HSS level (Class XI-XII)					
Total	427	579	809	769	969
Age < 17 years	42	79	6	15	48
Age 17-18 years	171	152	188	238	323
Age 19 & above	214	348	615	516	598
Male	286	377	494	428	554
Age < 17 years	17	34	4	6	20
Age 17-18 years	107	92	93	124	219
Age 19 & above	162	251	397	298	315
Female	141	202	315	341	415
Age < 17 years	25	45	2	9	28
Age 17-18 years	64	60	95	114	104
Age 19 & above	52	97	218	218	283

Source : Education Sector, Monggar, Dzongkhag

Table 30. Literacy Among Young Women, Monggar, (2010)

Literacy Among Young Women	2010
Percentage literate	45.8
Percentage not known	1.2
Number of women age 15-24 years	278

Source: BMIS, 2010

Table 31. School Readiness, Monggar, (2010)

Percentage of children attending first grade of primary school who attended pre-school the previous year.

School Readiness	2010
Percentage of children attending first grade who attended preschool in previous year	0
Number of children attending first grade of primary school	105

Source: BMIS, 2010

Table 32. Primary School Entry, Monggar, (2010)

Percentage of Children of Primary School Entry Age Entering Grade 1 (net intake Primary School Entry)	2010
Percentage of children of primary school entry age entering grade 1	70.4
Number of children of primary school entry age	97

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Monggar, (2010)

Percentage of children entering first grade of primary school who eventually reach the last grade of primary school (Survival rate to last grade of primary school)

Details	2010
Percent attending grade 1 last year who are in grade 2 this year	99.2
Percent attending grade 2 last year who are attending grade 3 this year	98.7
Percent attending grade 3 last year who are attending grade 4 this year	97.2
Percent attending grade 4 last year who are attending grade 5 this year	98.8
Percent attending grade 5 last year who are attending grade 6 this year	100
Percent who reach grade 6 of those who enter grade 0	92.9

Source: BMIS, 2010

Table 34. Education Gender Parity, Monggar, (2010)

Education gender parity Ratio of adjusted net attendance ratios of girls to boys, in primary and secondary school

Education Gender Parity	2010
Primary school adjusted net attendance ratio (NAR), girls	90.3
Primary school adjusted net attendance ratio (NAR), boys	84.6
Gender parity index (GPI) for primary school adjusted NAR	1.07
Secondary school adjusted net attendance ratio (NAR), girls	52
Secondary school adjusted net attendance ratio (NAR), boys	46.5
Gender parity index (GPI) for secondary school adjusted NAR	1.12

Source: BMIS, 2010

Table 35. Summary of Crime Reports by Nature of Crime, Monggar, (2009 ~ 2011)

Nature of Crime	(Incident)		
	2009	2010	2011
	n.a	n.a	
Attempt, aiding and abetting, solicitation and criminal conspiracy			1
Homicide	n.a	1	2
Assault, battery and related offences	13	29	22
Kidnapping and related offences	n.a	n.a	
Sexual offence	1	5	5
Offence against infant, child, mentally disabled and incompetent person	1	1	n.a
Arson and related offences	n.a	n.a	n.a
Burglary, trespass and related offences	5	6	1
Larceny, robbery, armed robbery and related offences	6	8	7
Money laundering and smuggling	1	1	n.a
Embezzlement and bribery	n.a	n.a	n.a
Forgery and related offences	n.a	n.a	1
Defamation and related offences	n.a	n.a	n.a
Treason, terrorism and related offences	n.a	n.a	n.a
Offences against cultural and national heritage	14	13	8
Offences against judicial authority	n.a	n.a	n.a
Prostitution and related offences	n.a	n.a	n.a
Offences against the public welfare	2	1	n.a
Offences related to public and civic duties	n.a	1	n.a
Offences related to public order and tranquillity	1	n.a	2
Offences against privacy	n.a	n.a	n.a
Computer offences	n.a	n.a	n.a
Offences related to firearms and weapons	n.a	n.a	n.a
Offences related to protected species, controlled and other harmful substances	3	3	1
Motor vehicle offences	141	118	9
Others	9	17	2
Total crimes	197	204	61

Source: Royal Bhutan Police, Monggar, Dzongkhag

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Table 36. Monthly Motor Vehicle Accidents, Monggar, (2009~ 2011)

Month	2009	2010	2011
January	4	3	3
February	1	5	1
March	3	2	1
April	2	1	2
May	3	5	na
June	1	4	na
July	2	3	na
August	3	1	na
September	3	2	na
October	5	2	na
November	1	2	na
December	2	1	1
Total	30	31	8

Source: Royal Bhutan Police, Monggar, Dzongkhag

Note: Motor Vehicle Accidents data as of Oct. 2011.

Table 37. Causes of Motor Vehicle Accidents, Monggar, (2009~2011)

Details	2009	2010	2011
Mechanical fault	n.a	n.a	n.a
Drunk driving	n.a	n.a	n.a
Bad weather	n.a	n.a	2
Without licence	n.a	n.a	2
Unknown causes	n.a	n.a	n.a
Other causes	n.a	n.a	4
All causes	n.a	n.a	8

Source: Royal Bhutan Police, Monggar, Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Monggar, (2010)

Details	2010
Percentage of women age 15-49 years who believe a husband is justified in beating his wife/partner	
If goes out without telling him	40.9
If she neglects the children	57.9
If she argues with him	59.5
If she refuses sex with him	35.1
If she burns the food	38.1
For any of these reasons	74.2
Number of women age 15-49 years	926

Source: BMIS, 2010

Table 39. Land Area and Damages Caused by Types, Monggar, (2007 ~ 2010)

Details	2007	2008	2009	2010	2011
Dzongkhag area (Sq. Km)	1,947	1,947	1,947	1,947	1,947
Total cultivated land (Acres) ¹					
Damages caused by landslides ²					
Farmland (acres)	n.a	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a	n.a
Damages caused by floods ²					
Farmland (acres)	n.a	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a	n.a
Crops affected by drought (acres)	n.a	n.a	n.a	n.a	n.a
Crops damaged by wild animals (acres)	n.a	n.a	n.a	n.a	n.a
Incidence of earthquake (Number of cases reported) ²	n.a	n.a	2	1	n.a
Houses damaged by earthquakes (Number)	n.a	n.a	3,383	479	n.a
Number of forest fires ³	10	4	11	5	
Acreege destroyed by forest fires	3,150	3,401	1,231	1,635	n.a
Acreege of reforestation ³	8	n.a	177	65.19	20.5
Houses/structures damaged by fires (Number) ³	n.a	n.a	n.a	n.a	2

Source: ¹Agriculture Sector, ²Environment Sector, ³ Forest Sector, Monggar, Dzongkhag

Table 40. Average Monthly Temperature (Degree Centigrade), Monggar, (2011)

Month/ Temperature	(Degree Celsius)		
	Maximum	Minimum	Average
January	18	7	12
February	18	6	12
March	21	11	16
April	24	13	18
May	22	10	16
June	25	15	20
July	24	16	20
August	25	16	21
September	24	15	19
October	22	12	17
November	20	10	15
December	18	5	11
Annual	22	11	16

Source: SYB, NSB

Table 41. Average Monthly Rainfall, Monggar, (2011)

Month/ Monthly Rainfall	(Millimeter)		
	Mongar	Lingmethnag	Yadi
January	1	0	0
February	23.2	2	0
March	17.2	49	0
April	75.1	54.9	81
May	37.6	52.3	27
June	129.4	124.6	113.5
July	147	165.2	101
August	161.4	93.6	172.2
September	93	97.4	0
October	0	0.7	0
November	7.2	6.6	0
December	3.4	7.2	0
Annual	695.5	653.5	494.7

Source: SYB, NSB

Table 42. Percentage of Forest Coverage, Number of Protected Spring and Lakes, Monggar, (2011)

Details	2011
Forest coverage (%) ²	87.5
Number of snow fall at Dzongkhag headquarter	n.a
Number of Protected spring water sources ¹	n.a
Number of Lakes ¹	n.a

Source:¹Dzongkhag Forest Section, ²Tenth Plan Documents, GNHC

Table 43. Disposal of Childs Faeces, Monggar, (2010)

Percent distribution of children age 0-2 years according to place of disposal of child's faeces, and the percentage of children age 0-2

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	9.1
Put / Rinsed into toilet or latrine	35.1
Put / Rinsed into drain or ditch	39.2
Thrown into garbage (solid waste)	0.4
Buried	2.1
Left in the open	12.6
Other	1.6
Total	100
Percentage of children whose stools were disposed of safely	44.2
Number of children age 0-2 years	274

Source: BMIS 2010

Table 44. Parliamentarians and Local Government Representatives, Monggar, (2008 & 2011)

Details	2008	2011
Local governance (Number)		
Parliamentarians		
Male	4	4
Female	1	1
Gups		
Male	17	17
Female	0	0
Total gewog tshogpas ¹		
Male	84	36
Female	2	5
Total Mangmis ¹		
Male	17	15
Female	0	2
DYT members ²		
Male	35	31
Female	0	2
GYT members ¹		
Male	84	67
Female	2	7
Polling stations ²	77	89
Eligible voters (18 years and above) ²		
Male	12423	13840
Female	13466	14953
% of Voters turnout during election		
Male	26	19
Female	27	25
Total election staff in Dzongkhag		
Male	2	3
Female	1	1

Source:¹Gewog Administration, ²Election Sector, Monggar, Dzongkhag.

Note: As of October, 2011

Table 45. Parliamentarians and Local Government Election Expenditures, Monggar, (2008 & 2011)

Details	Amount (Nu)
2008	
Parliamentarians (Number)	n.a
National council	n.a
National assembly	n.a
2011	
Local government	8,850,000.0
Gup	n.a
Mangmi	n.a
Tsogpa	n.a

Source: Election Office, Monggar, Dzongkhag

Table 46. Government Finance Expenditures, Monggar, (2009 ~ 2011)

Details	2009			2010			2011		
	Current	Expenditures Capital	Total	Current	Expenditures Capital	Total	Current	Expenditures Capital	Total
Civil	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Urban Development & Housing	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Roads	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Source: Dzongkhag Administration, Monggar

Table 47. Dzongkhag 9th and 10th Five Year Plan Outlays, Monggar

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	95.3	69.2	n.a	182.9
Agriculture	32.8	63.6	n.a	74.021
Livestock	33.5	19.9	n.a	96.5
Forestry	5.5	2.3	n.a	21.9
Education	251.2	363.6	n.a	n.a
Health	50.4	41.2	n.a	121.5
Urban development & housing	15.9	84.1	n.a	72.3
Roads	5.8	12.6	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a

Source: Dzongkhag Administration, Monggar

Table 48. Dzongkhag 9th and 10th Five Year Plan Expenditure, Monggar

Sectors	(in million Nu.)			
	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	81.1	78.1	56.95	46.117
Agriculture	32.0	35.9	14.696	50.529
Livestock	35.7	8.7	16.156	7.692
Forestry	15.8	2.3	9.192	2.519
Education	409.6	57.8	n.a	n.a
Health	63.3	40.6	35.446	48.822
Urban development & housing	24.5	33.5	22.288	20.47
Roads	-	7.9	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan expenditure	661.9	264.6	154.7	176.1

Source: Dzongkhag Administration, Monggar

Table 49. Gewog 9th and 10th Five Year Plan Outlays, Monggar

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	29.82	n.a	187.068
Livestock	n.a	1.885	n.a	28.379
Forestry	n.a	2.162	n.a	17.567
Education	n.a	31.77	n.a	n.a
Health	n.a	13.273	n.a	69.94
Urban development & housing	n.a	n.a	n.a	n.a
Roads	n.a	10.525	n.a	22.045
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	89.4	n.a	325.0

Source: Planning Unit, Monggar, Dzongkhag

Table 50. Gewog 9th and 10th Five Year Plan by Expenditures, Monggar

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	34.78	n.a	n.a
Livestock	n.a	3.357	n.a	n.a
Forestry	n.a	5.176	n.a	n.a
Education	n.a	11.001	n.a	n.a
Health	n.a	23.691	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads & bridges	n.a	1.857	n.a	n.a
Religion & cultural	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & Industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	79.9	n.a	n.a

Source: Dzongkhag Administration, Monggar

Table 51. Employed Persons by Age, Sex and Area of Residence, Monggar, (2008 ~ 2011)

Details	(Number)				
	2008	2009	2010	2011	2012
Total	n.a	n.a	9500	10000	23691
Male	n.a	n.a	9700	12800	24600
Rural Total	n.a	n.a	8100	1500	19866
Male	n.a	n.a	8800	1200	20474
Urban Total	n.a	n.a	1400	8500	3825
Female	n.a	n.a	900	11600	4126

Source : Labour Force Survey, MoLHR

Table 52. Employment by Industries, Age Group and Sex, Monggar, (2009 ~ 2011)

Details	2009	2010	2011
Total labour force (Number)	n.a	n.a	n.a
Total employed (%)	n.a	n.a	n.a
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Unemployment rate			
Total employed in Agriculture (%)	n.a	n.a	n.a
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Total employed in Industries (%)	n.a	n.a	n.a
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Total employed in Services (%)	n.a	n.a	n.a
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Total unemployed by area (%)	n.a	n.a	n.a
Urban	n.a	n.a	n.a
Rural	n.a	n.a	n.a
Total un-employed by education (%)			
Total unemployed grade XII and above	n.a	n.a	n.a
Total unemployed below grade XII	n.a	n.a	n.a
Total under employed (%)	n.a	n.a	n.a
Employed by age-group (%)			
15-17 years	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a

Unemployed by age-group (%)			
15-17 years	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a
Labor force participation rate (%)	n.a	n.a	n.a
Male participation rate	n.a	n.a	n.a
Female participation rate	n.a	n.a	n.a

Source : Labour Force Survey, MoLHR

Table 53. Child Labour, Monggar, (2010)

Percentage of Children by Involvement in Economic Activity and Household Chores During the Past Week, According to Age Groups, and Percentage of Children Age 5-14 Involved in Child Labour

Child labour	2010
Percentage of children age 5-11 involved in Economic activity	
Working outside household	
Paid work	0.2
Unpaid work	1.4
Working for family business	20.3
Economic activity for at least one hour	21.5
Household chores less than 28 hours	32.9
Household chores for 28 hours or more	0.6
Child labour	21.5
Number of children age 5-11	729
Percentage of children age 12-14 involved in	
Economic activity	
Working outside household	
Paid work	4.4
Unpaid work	4
Working for family business	35.8
Economic activity less than 14 hours	31.4
Economic activity for 14 hours or more	6.8
Household chores less than 28 hours	57.8
Household chores for 28 hours or more	2
Child labour	7.5
Number of children age 12-14	335
Total child labour [1]	17.1
Number of children age 5-14 years	1065

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Monggar, (2010)

Percentage of children age 5-14 years involved in child labour who are attending school, and percentage of children age 5-14 years attending school who are involved in child labour

Child Labour and School Attendance	2010
Percentage of children involved in child labour	17.1
Percentage of children attending school	79.3
Number of children age 5-14 years	1065
Percentage of child labourers who are attending school	74.9
Number of children age 5-14 years involved in child labour	182
Percentage of children attending school who are involved in child labour	16.1
Number of children age 5-14 years attending school	844

Source: BMIS, 2010

Table 55. Agriculture Production and Average Prices by Commodities, Monggar, (2007 ~ 2010)

Details	2007	2008	2009	2010	2011
Paddy					
Area (Acres)	1733	2043.5	1420	1,014	
Production (MT)	2073	2937	1649	868	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Maize					
Area (Acres)	7229	8516.8	8855	7,715	
Production (MT)	8599	8414.41	11625	10,751	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Wheat					
Area (Acres)	1087	536.2	79	47	
Production (MT)	400	383	31	33	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Barley					
Area (Acres)	1889	835.7	2073	1,068	
Production (MT)	866	490.98	945	606	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Buckwheat					
Area (Acres)	2344	580.7	591	357	
Production (MT)	634	313	187	114	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Millet					
Area (Acres)	n.a	62.96	135	53	
Production (MT)	n.a	35.7	43	26	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a

Fruits						
Apples						
Number of fruit bearing trees	2005	920	2688	429		
Production (Kg)	36000	24530	89000	7,000	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Oranges/ Mandarin						
Number of fruit bearing trees	38676	23910	36604	26,601		
Production (Kg)	1572000	1058130	1504000	904,000	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a			
Banana						
Number of fruit bearing trees	19176	n.a	6533	6,359		
Production (Kg)	217000	n.a	77000	81,000	n.a	n.a
Price per Dozen(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Pear						
Number of fruit bearing trees	6659	1080	1864	1,217		
Production (Kg)	224000	45500	89000	47,000	n.a	n.a
Price per Kg(Nu.)						
Plum						
Number of fruit bearing trees	4157	1620	1871	1,296		
Production (Kg)	169000	47200	93000	71,000	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a

Production (Pon)	n.a	192	71	n.a
Production (Nu.)	n.a	1000	n.a	n.a
Price per 80 Piece/ Pon(Nu.)				
Vegetables and Spices				
Potato				
Production (kg)	3449000	3781000	2,055,000	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)				
Chili				
Production (kg)	726000	1252000	365,000	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)				
Onion				
Production (kg)	n.a	55000	17,000	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)				
Cabbage				
Production (kg)	426000	316000	70,000	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)				
Cauliflower				
Production (kg)	84000	66000	30,000	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)				

Asparagus							
Production (Bundles)	4000	24180	6000	3,000	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per bundle (Nu.)							
Tomato							
Production (Kg)	11000	18320	19000	5,000	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)							
Carrot							
Production (Kg)	n.a	24950	25000	7,000	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)							
Egg Plant (Brinjal)							
Production (Kg)	101000	n.a	50000	121,000	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)							
Raddish							
Production (Kg)	1161000	625460	561000	263,000	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)							
Ginger							
Production (Kg)	349000	71230	21000	19,000	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)							
Cardamom							
Production (Kg)	n.a	3360	n.a	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)							

Garlic						
Production (Kg)	52000	367120	108000	53,000	n.a	
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	
Price per Kg(Nu.)						
Oil seeds and legumes						
Lentils						
Production (Kg)	n.a	n.a	n.a	n.a	n.a	
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	
Price per Kg(Nu.)						
Mustards						
Production (Kg)	126000	168490	68000	29,000	n.a	
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	
Price per Kg(Nu.)						
Beans						
Production (Kg)	598000	355400	416957	138,000	n.a	
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	
Price per Kg(Nu.)						

Source: Agriculture Sector, Monggar, Dzongkhag

Note: Agriculture data are not yet publish for 2012, so the Dzongkhag Agriculture sector could not submit the data.

Table 56. Agriculture Infrastructures and Other Facilities , Monggar, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Irrigation for agriculture					
Number of irrigation channels					
Functional	n.a	60	60	22	22
Non-Functional	n.a	3	3	0	0
Total length of channels (Km)	n.a	123	123	34	34.45
Area covered by irrigation (Acres)	n.a	1,305	1,305	1,305	n.a
Number of households benefitted	n.a	1,798	1,798	1,798	n.a
Number of food processing units					
Number of agriculture mills ¹	n.a	307	422	822	822
Number of livestock product processing units	n.a	2	2	3	3
Number of farmer association/groups					
Agriculture	13	18	18	23	23
Livestock	4	5	5	5	5
Forestry	5	5	7	21	21
Number of power tillers	49	57	57	69	n.a

Note:¹Including two traditional mills

Source:Agriculture Sector,Monggar Dzongkhag

Table 57: Livestock Population by Types, Monggar, (2007~2011)

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle					
Local breed	24327	23569	21797	19105	17716
Male	8039	7667	7159	6,551	5289
Female	16288	15902	14638	12,554	12427
Improved breed	5502	4869	4819	4719	5678
Male	947	887	891	954	1286
Female	4555	3982	3928	3,765	4392
Mithun	49	38	32	365	23
Bufallo					
Male	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a
Horse					
Local breed	1971	2093	1776	1,717	1535
Improved breed	63	60	61	34	35
Yak					
Male	n.a	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a	n.a
Sheep					
Local breed	62	29	13	11	11
Improved breed	n.a	n.a	n.a	n.a	n.a
Pig					
Local breed	1243	1126	609	549	487
Improved breed	918	1579	529	456	912
Poultry					
Local breed	12275	11812	13435	12,743	13178
Improved breed	6334	2944	1779	1,957	25880
Goat	313	202	187	150	1034

Note: Mithun includes Bamin, Jatsa & Jatsam only in 2010

Source: Livestock Sector, Monggar, Dzongkhag

Table 58: Livestock Productions, Monggar, (2007~2010)

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	1029.53	1471.73	2236.46	1,859,388	2428231
Butter (Kg)	104400	140410	165403	269,795	293938
Fresh Cheese (Kg)	259700	228390	320245.6	204,708	238404
Processed cheese (kg)	n.a	n.a	160	n.a	n.a
Eggs (Dozen)	53739	74893.08	109206.7	31,569	1452111
Fish (Kg)	n.a	n.a	n.a	n.a	n.a
Beef (Kg)	52980	39530	147980	98,507	n.a
Pork (Kg)	22310	19660	15495	13,267	18875
Yak Meat (Kg)	n.a	n.a	n.a	n.a	n.a
Mutton (Kg)	n.a	n.a	n.a	10	n.a
Honey (Gm)	n.a	n.a	n.a	n.a	n.a
Chicken (Kg)	10	140	308	67	n.a

Source: Livestock Sector, Monggar, Dzongkhag

Table 59. Forestry Production, Monggar, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Wood Forest Product ¹					
Log Form (Cft)	46.26	4936.7	903597	105,389	57444
Fire wood (Cubic metres)	23619	3434.7	4352.2	5,243	4357
Flag Poles (Number)	2526	1881	2305	3,004	2551
Shinglap (Number of trees)	1398	256	253	66	64
Cham (Number of trees)	6477	1717	1047	811	890
Tsim (Number of trees)	2580	n.a	508	280	348
Non-Wood Forest Product ²					
Mushroom (Kg)	n.a	n.a	n.a	n.a	n.a
Mushroom (Nu.)	n.a	n.a	n.a	n.a	n.a
Medicinal and Aromatic plants (Kg)	n.a	n.a	n.a	n.a	n.a
Cordyceps (Kg)	N.A	N.A	N.A	N.A	N.A
Cordyceps (Nu.)	N.A	N.A	N.A	N.A	N.A
Sand (Truck load)	1562.5	4265	524	864.5	2869
Stones (Truck load)	4096	992	1306	11	16
Bamboo (Number)	5792	12891	17014	9,972	7495
Cane (Bundles)	25	64	163	127	127
Lemon grass (Kg)	1652	2358.5	180.06	180	n.a
Mining Sites (Number)	n.a	n.a	n.a	n.a	n.a
Quarry Sites	1	1	1	1	1
Municipal Waste Disposal Sites	2	2	2	2	2
Environmental Clearance Issued	20	30	43	115	57

Note: Cordyceps amount collected only for auction royalty charges.

Source: ¹Divisional Forest, ²Thromsingla National Park, Monggar

Table 60. Electricity Generating Stations and Capacities, Monggar, (2010 & 2011)

Stations	2010		2011	
	Installed capacity (MW)	Peak generating capacity (MU)	Installed capacity (MW)	Peak generating capacity (MU)
Khalangzi MHPP	0.3	0.2	0.3	0.2
KHPC	n.a	n.a	n.a	n.a.
Diesel generation stations				
Monggar	0.25	0.25	0.25	0.25

Source : Department of Energy, MoEA, Monggar (BPC)

Table 61. Number of Households by Area, Monggar, (2009 ~ 2012)

Details	2009	2010	2011
Total number of household in Urban	n.a	n.a	n.a
Total number of household in Rural	n.a	n.a	n.a

Source: BMIS, 2010

Table 62. Number of Building Permits issued by Towns, Monggar, (2009 ~ 2012)

new buildings	2008	2009	2010	2011
Monggar	1	2	2	2
Gyelposhing	1	n.a	1	n.a

Source: Dzongkhag Municipal, Monggar, Dzongkhag

Table 63. Number of Establishment by Type and Size, Monggar, (2009 ~ 2012)

Details	2009	2010	2011	2012
Industries by type (Number)				
Agro based	1	1	0	0
Forestry based	9	12	9	0
Mineral based	n.a	4	0	0
Others	125	1	1	1
Industries by scale (Number)				
Large	n.a	0	0	0
Medium	1	0	2	0
Small	n.a	6	9	4
Cottage	132	62	42	39
Contract firms (Number)				
Large	n.a	0	0	0
Medium	n.a	0	0	0
Small	18	13	10	27

Source: Regional Trade Office, Monggar

Table 64. Number of Wholesale, Retail Trade and Industrial Licenses Issued, Monggar, (2007 ~ 2012)

Details	(Number)					
	2007	2008	2009	2010	2011	2012
Trade and Industries						
Micro & retail trade licences issued	92	91	89	95	122	90
Micro & retail trade licences in operation	72	163	250	345	467	806
Wholesale trade licences issued	na	1	2	0	1	0
Wholesale trade licences in operation	na	1	1	0	1	4
Services licences issued	47	46	123	68	53	33
Services licences in operation	24	37	115	65	53	676
Manufacturing licences issued	5	4	12	18	10	1
Manufacturing licences in operation	2	4	10	18	10	11

Source: Regional Trade Office, Monggar

Table 65. Number of Public Transport and Facilities, Monggar, (2007 ~ 2012)

Details	(Number)				
	2007	2008	2009	2010	2011
Public Service Transport					
Bus	n.a	4	4	4	4
Taxi	n.a	n.a	n.a	1	5
Motor vehicle registration					
Heavy	n.a	n.a	n.a	n.a	n.a
Medium	n.a	n.a	n.a	3	3
Small	n.a	n.a	n.a	21	40
Two wheeler	n.a	n.a	n.a	22	18
Auto Mobile workshop ³	2	2	2	4	4
Bus stations	1	1	1	1	1

Source: RSTA Regional Office, Monggar

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Table 66: Roads and Bridges, Monggar, (2007-2012)

Details	(Number)				
	2007	2008	2009	2010	2011
Roads (Length in Km)					
Farm roads ¹	61.8	101.0	113.0	157.0	309.0
Feeder roads ²	51.2	51.2	51.2	51.2	63.5
Forest roads ¹	41.3	41.3	41.3	41.3	41.3
Highways/Dzongkhag roads	198	198	198	198	294
Bridges (Number)					
Suspension bridge ¹	n.a	11	11	11	11
Suspended ¹	n.a	13	13	13	14
Bailey bridges ²	n.a	14	14	14	14
Traditional bridges ¹	1	1	1	1	1

Source: ¹Dzongkhag Engineering Section, ²Department of Roads, Monggar

Note: Highway= 230.8 & Dzongkhag Road= 63.24

Table 67. Telecommunications, Monggar, (2007 ~ 2012)

Telecommunications	(Number)					
	2007	2008	2009	2010	2011	2012
Households with fixed telephone connections	n.a	n.a	877	877	853	831
Tashi cell users	n.a	n.a	n.a	n.a	n.a	n.a
B.mobile users	n.a	n.a	n.a	n.a	5,091	n.a
Community information centres	n.a	n.a	6	6	10	10
Gewogs accessible to mobile services	n.a	n.a	13	15	17	17
Households with internet access	n.a	n.a	160	160	285	488
Bhutan post office	2	2	2	2	2	2

Source:Gewog Administration Office & Regional Office, Monggar, Dzongkhag.

NOTE:-

1. B-Mobile users, this give figure is based on SIM sold till October 2011.
2. H/H with internet access, it is the figure of broadband connections only under Monggar Dzongkhag.

Table 68. Number of Establishment in Banking and Finance, (Monggar), (2009 ~ 2012)
(number)

Number of establishments	2009	2010	2011	2012
RICBL	1	1	1	1
BDFCL	1	1	1	1
BNB	1	1	1	1
Druk PNB	n.a	n.a	n.a	n.a
T Bank	n.a	n.a	n.a	n.a
Bhutan insurance limited	n.a	n.a	1	1
BOB	1	1	1	1

Source: Financial Institutions, Monggar, Dzongkhag

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Table 69. Number of account holders in Banks, (Monggar), (2012)

Number of facilities	Number of account holders (2012)		
	Loan	savings current	fixed deposit recurring deposit
RICB	140	n.a	n.a
BDFCL	3017	4414	3
BNB	557	2450	17
PNB	n.a	n.a	n.a
T Bank	n.a	n.a	n.a
Bhutan insurance limited	n.a	n.a	n.a
BOB	912	6917	444
			1121
			n.a
			82
			326
			n.a
			n.a
			n.a
			n.a
			1121
			n.a

Source: Financial Institutions, Monggar, Dzongkhag

Table 70. Number of Administrative Units, Monggar, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Drungkhags	1	1	1	1	1	1
Gewogs	17	17	17	17	17	17
Chiwogs	168	168	168	168	88	88
Villages	683	683	683	683	683	683
Households	n.a	n.a	n.a	n.a	n.a	n.a
Towns	5	5	5	5	5	1
Number of Police stations	2	2	2	2	2	2

Table 71. Recreation, Tourist Visitors and Accommodation, Monggar, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Number of children park	n.a	n.a	n.a	1	1	1
Number of hotels	n.a	n.a	n.a	11	12	12
Number of restaurants	n.a	n.a	n.a	10	11	13
Number of drayangs	n.a	n.a	n.a	n.a	n.a	n.a
Number of discotheques	n.a	n.a	n.a	n.a	n.a	n.a
Number of tourist visitors	n.a	n.a	n.a	n.a	n.a	n.a

Source: Administration Office, Monggar, Dzongkhag



**Annual Dzongkhag Statistics
2012**



**Dzongkhag Administration
PARO**

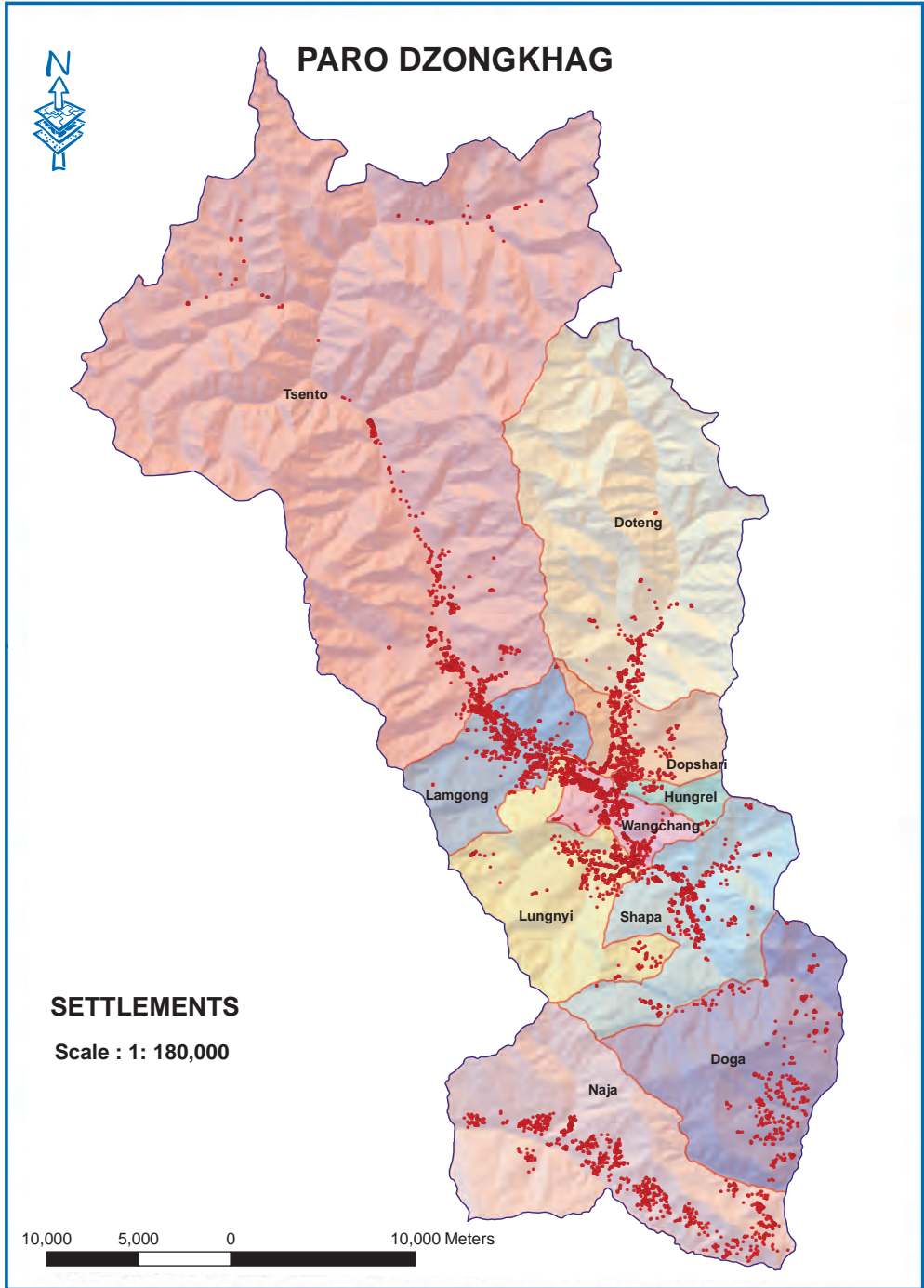
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Preface

The Annual Dzongkhag Statistics of Paro is the third in the series of publications. It attempts to provide comprehensive statistics of Paro Dzongkhag and will be published annually.

The report contains statistics on demographic and socio-economic, environment, culture, local governance and infrastructures of the Dzongkhag. The statistical data for this publication are collected and compiled from various sectors and through primary sources.

We hope that this report will serve as a source of information and guiding tool for micro-level planning and decision-making in the Dzongkhag. Statistics office, Paro would like to thank and acknowledge the support and cooperation of all sector heads concerned for providing timely information for this report. Without their support, this publication would not have been possible. Through this initiative, we also hope that the maintenance of sectoral information and updation in the Dzongkhag will become more systematic and efficient henceforth.

Since this report is the second publication and with information source being from numerous sectors, we expect there may be certain deficiencies in terms of coverage and updation. However, there will be continuous efforts made to improve its coverage and quality in our future publications. Your comments and suggestions in this regard will be highly appreciated.

**Dzongkhag Statistics Unit
Paro**

Background

Paro Dzongkhag, encompassing a total area of 1,293.2 Sq.Km with an altitude 2500 meters above the sea level, has ten Gewogs, namely Dogar, Dopshari, Doteng, Hungrel, Lamgong, Luni, Naja, Shaba, Tsento and Wangchang. It is bordered by China in the North, Thimphu dzongkhag in the east, Haa Dzongkhag in the west and Chhukha dzongkhag in the south.

As per the PHCB 2005, Paro has 7,118 households and a total population of 36,433 out of which 33,501 live in the rural areas. The projected population for 2012, based on PHCB 2005, is 41,174.

A favorable terrain condition coupled with easy road accessibility has brought manifold changes in the socio-economic development of Paro. It is also considered as one of the prosperous Dzongkhag in the country.

The main source of income for the people of Paro are from paddy, apples, vegetables, livestock farms and tourism related activities. The sales of Cordyceps in the northern part of Tsento gewog are also supplementing their income.

The Dzongkhag has a total road network of 438Km including 139.4Km of National Highway and 262Km of Farm roads. It has one hospital, three BHUs and 27 Outreach Clinic. It has a total of 23 Schools, out of which three are Community Primary Schools, three Primary Schools, six Lower Secondary Schools, four Middle Secondary Schools, two Higher Secondary Schools and six private schools (one primary and five higher secondary Schools) with a total of 12,143 students and 567 teachers as of December 2012.

Annual Dzongkhag Statistics, 2012 : PARO

It also has 21 NFE Centers and 300 NFE Learners and 21 NFE Instructors. The Paro College of Education has 944 trainees and 62 teachers as of 31st October 2012.

As of September 2012, a total of 1,800 households have direct fixed telephone line connections and 37,581 B-mobile subscribers. The only international airport in the country is located in Paro Dzongkhag.

ABBREVIATIONS

%: Percent	HSS: Higher Secondary School
< : Less than	Inst: Institute
> : Greater than	Kg: Kilogram
AIDS: Acquired Immune Deficiency Syndrome	LFS: Labor Force Survey
Avg: Average	LSS: Lower Secondary School
BHU: Basic Health Unit	Max: Maximum
BLSS: Bhutan Living Standard Survey	Min: Minimum
Cft: Cubic Feet	MSS: Middle Secondary School
CPS: Community Primary school	n.a: Not Available
DPTH: Diphtheria Parthusis Tetanus Hepatitis B	N.A: Not Applicable
DYT: Dzongkhag Yargye Tsogdue	NFE: Non Formal Education
FYP: Five Year Plan	Nu: Ngultrum
GDP: Gross Domestic Product	ORC: Outreach Clinic
GIS: (Infrastructure mapping): Geographical Infrastructure System	PAR: Poverty Analysis Report
Gm: Gram	PHCB: Population and Housing Census of Bhutan
GYT: Gewog Yargye Tshogchung	PP: Pre Primary
HIV: Human Immune Virus	PS: Primary School
Hr: Hour	Pvt: Private
	Qty: Quantity
	Sq.Km: Square Kilometer
	SYB: Statistical Yearbook
	TV: Television

Table 1. Population by Age-Group and Sex, Paro (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	36,433	37,092	37,760	38,436	39,118	39,806	40,490	41,174
0-4	3,045	3,921	4,177	4,432	4,685	4,932	4,910	4,880
5-9	3,646	3,853	3,761	3,684	3,620	3,569	3,828	4,086
10-14	4,141	4,149	4,094	4,029	3,960	3,891	3,793	3,709
15-19	4,336	4,080	4,104	4,122	4,129	4,119	4,089	4,043
20-24	4,606	3,835	3,875	3,911	3,945	3,978	4,011	4,043
25-29	3,498	3,438	3,515	3,585	3,650	3,710	3,763	3,811
30-34	2,596	2,861	2,965	3,073	3,180	3,279	3,369	3,452
35-39	2,393	2,390	2,460	2,531	2,609	2,697	2,797	2,905
40-44	1,786	1,941	2,015	2,094	2,173	2,252	2,327	2,400
45-49	1,507	1,598	1,643	1,692	1,746	1,807	1,877	1,953
50-54	1,230	1,318	1,355	1,396	1,438	1,482	1,527	1,574
55-59	918	1,080	1,107	1,136	1,167	1,201	1,237	1,276
60-64	817	872	892	913	935	960	985	1,013
65+	1914	1756	1796	1837	1,881	1,929	1,977	2029
Male	19,294	19,620	19,948	20,279	20,613	20,951	21,289	21,626
0-4	1,545	1,988	2,119	2,250	2,380	2,507	2,496	2,481
5-9	1,820	1,964	1,914	1,872	1,838	1,811	1,944	2,077
10-14	2,030	2,131	2,099	2,063	2,025	1,987	1,934	1,889
15-19	2,104	2,124	2,128	2,131	2,128	2,118	2,098	2,071
20-24	2,777	2,057	2,065	2,070	2,074	2,080	2,087	2,096
25-29	1,967	1,874	1,913	1,947	1,976	2,000	2,018	2,030
30-34	1,431	1,577	1,631	1,687	1,741	1,791	1,837	1,878
35-39	1,344	1,322	1,361	1,400	1,442	1,489	1,542	1,598
40-44	964	1,060	1,104	1,150	1,197	1,243	1,286	1,327
45-49	792	864	889	916	947	982	1,023	1,068
50-54	625	710	730	752	775	799	823	849
55-59	492	579	593	608	625	643	662	683
60-64	424	463	473	484	496	509	522	537
65+	979	908	928	948	969	992	1,017	1042

	17,139	17,472	17,812	18,157	18,505	18,855	19,201	19,547
Female								
0-4	1,500	1,933	2,058	2,182	2,305	2,425	2,414	2,399
5-9	1,826	1,890	1,847	1,811	1,782	1,758	1,884	2,009
10-14	2,111	2,018	1,995	1,966	1,935	1,904	1,859	1,820
15-19	2,232	1,956	1,976	1,992	2,001	2,001	1,991	1,972
20-24	1,829	1,778	1,810	1,841	1,871	1,898	1,924	1,947
25-29	1,531	1,564	1,602	1,638	1,674	1,710	1,745	1,781
30-34	1,165	1,284	1,334	1,387	1,439	1,488	1,532	1,574
35-39	1,049	1,068	1,099	1,131	1,167	1,208	1,255	1,307
40-44	822	881	911	943	976	1,009	1,041	1,073
45-49	715	733	754	776	799	825	854	885
50-54	605	608	625	644	663	683	704	725
55-59	426	502	514	528	542	558	575	593
60-64	393	409	418	428	439	451	463	476
65+	935	849	868	889	912	937	960	986

Note: Figures for the year 2006 onwards are based on the projected population

Source: Population & Housing Census of Bhutan, 2005

Table 2. Population, Density and sex Ratio, Paro, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	36,433	37,092	37,760	38,436	39,118	39,806	40,490	41,174
Population density (Persons per Sq. Km)	28	29	29	30	30	31	31	32
Population sex ratio	113	112	112	112	111	111	111	111

Source : Dzongkhag Population Projection 2006-2015

Table 3. Total Number of Live Births, Deaths, Marriages and Divorces, Paro, (2008 ~ 2012)

Age-group	2008	2009	2010	2011	2012
Live births	585	769	832	832	823
Male	n.a	n.a	n.a	n.a	420
Female	n.a	n.a	n.a	n.a	403
Total deaths	75	153	237	237	237
Male	35	n.a	n.a	n.a	152
Female	40	n.a	n.a	n.a	85
Infant deaths	6	2	1	1	1
Male	n.a	n.a	n.a	n.a	1
Female	n.a	n.a	n.a	n.a	0
Marriages certificate issued	n.a	n.a	547	427	427
Number of divorces	n.a	n.a	44	106	106

ω

Source: Dzongkhag Health Sector and District Court, Paro Dzongkhag

Table 4. Adolescent Birth rate and Total fertility rate, Paro (2010)

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	42.0
Total fertility rate	2.9

Source : BMIS, 2010

Table 5. Early Childbearing, Paro(2010)

Percentage of women age 15-19 who have had livebirth or who are pregnant with the first child; percentage of women age 15-19 who have begun childbearing before age 15, and the percentage of women age 20~24 who have had a live birth before age 18.

Details	2010
% of women age 15~19	
Have had a live birth	4.4
Are pregnant with first child	1.8
Have begun childbearing	6.1
Have had a live birth before 15	0.0
Number of women age 15~19	135
% of women age 20~24 who have had a live birth before age 18	6.5
Number of women age 20~24	151

Source : BMIS, 2010

Table 6. Use of Contraception, Paro (2010)

Details	2010
Not using any method	32.7
Percent of women (currently married or inunion) who are using	
Female sterilization	11.7
Male sterilization	10.1
IUD	6.2
Injectables	25.3
Implants	0.3
Oral contraceptive Pill	8.1
Male condom	5.6
Female condom	0.0
Foam/ jelly	0.0
Lactational amenorrhoea method (LAM)	0.1
Periodic abstinence/ rhythm	0.0
Withdrawal	0.0
Other	0.0
Any modern method	67.2
Any traditional method	0.1
Any method	67.3
Number of women currently married or in union	504

Source : BMIS, 2010

Table 7. Antenatal Care Provider, Paro(2010)

Percent Distribution of Women Aged 15-49 Who Gave Birth in The Survey by Type of Personnel Providing Antenatal Care.

Details	2010
Persons providing antenatal care	
Doctor	22.2
Nurse/ midwife	72.3
HA/ BHW	4.4
Assistant clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.0
Other/ missing	0.0
No antenatal care received	1.1
Total	100.0
At least once by skilled personnel	98.9
Number of women who gave birth in the preceding 2 years	146
Source : BMIS, 2010	

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Table 8. Number of Antenatal Care Visits, Paro(2010)

Percentage of Women Who had a Live Births During the Two Years Preceding the Survey by Number of Antenatal Care Visits by Any Provider.

Details	2010
Percent of women who had	
No antenatal care visits	1.1
1 Visits	3.4
2 Visits	6.2
3 Visits	11.9
4 or more visits	75.9
Missing/ DK	1.4
Total	100.0
Number of women who gave birth in the preceding 2 years	146
Source : BMIS, 2010	

Table 9. Assistance During Delivery, Paro(2010)

Details	2010
Person assisting at delivery	
Doctor	21.1
Nurse / Midwife	61.7
HA/BHW	3.3
Asst. clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.0
Relative / friend	14.0
Other/missing	0.0
No attendant	0.0
Total	100.0
Any skilled personnel	86.0
Percent delivered by C-section	15.2
Number of women who gave birth in preceding two years	146
Source : BMIS, 2010	

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Table 10. Place of Delivery, Paro(2010)

Details	2010
Place of delivery	
Public sector health facility	81.7
Private sector health facility	0.0
Home	18.3
Other	0.0
Total	100.0
Delivered in health facility [1]	81.7
Number of women who gave birth in preceding two years	146
Source : BMIS, 2010	

Details	2008	2009	2010	2011	2012
Number of hospitals	1	1	1	1	1
Number of BHUs					
BHU grade I	0	0	0	0	0
BHU grade II	3	3	3	3	3
Number of ORCs	27	27	27	27	27
Number of indigenous units	0	1	1	1	1
Number of doctors	3	6	5	5	3
Number of hospital/BHU beds	40	40	40	40	40/5
Persons per doctor	12,812	6,520	7,961	7,961	12463
Persons per hospital bed	961	978	995	995	831
Total morbidity attendance	67,057	66,455	95,696	95,696	74846
Health assistants	9	9	10	10	9
Basic health workers	6	6	6	6	6
Sister and nurses	6	16	15	15	20
Technicians	9	16	14	14	21
Indigenous dungtsho	1	1	1	1	3
Indigenous compounders/Menpas	1	2	2	2	2
Malaria workers	0	0	2	2	0
Village health workers	45	48	65	65	65
Number of children immunized					
Polio	663	625	731	731	622
DPTH	680	691	731	731	687
Measles	685	717	736	736	710
BCG	718	643	737	737	623
Others	700	691	n.a	n.a	808

Source: Dzongkhag Health Sector, Paro Dzongkhag

Table 12. Hospital Admission and Average Length of Stay, Paro, (2008 ~ 2012)

Average admission	2008	2009	2010	2011	2012
Hospital admission					
Total	3,916	2,932	3,195	3,195	n.a
Patient days	9,030	8,093	8,144	8,144	n.a
Average days	2.3	2.8	2.5	2.5	n.a
BHU admission	37	48	62	62	n.a

Source : Annual Health Bulletin, MoH

Table 13. Number of Surgeries, Paro, (2008 ~ 2012)

Surgeries	2008	2009	2010	2011	2012
Caesarian Section	157	10	125	n.a	n.a
General Abdominal	5	16	165	n.a	n.a
General Others	37	42	197	n.a	n.a
Orthopaedic extremities	1	0	0	n.a	n.a
Orthopaedic Others	0	9	31	n.a	n.a
Gynaecology	68	26	91	n.a	n.a
ENT	0	0	0	n.a	n.a
Eye	0	0	0	n.a	n.a

Source : Annual Health Bulletin, MoH

Table 14. Number of Dental Services, Paro, (2008 ~ 2012)

Dental Services	2008	2009	2010	2011	2012
Prophylaxis	89	80	112	n.a	n.a
Scaling	20	15	44	n.a	n.a
Fillings	1,491	2,032	3,053	n.a	n.a
Extractions	1,329	1,527	1,952	n.a	n.a
Others	2,145	2,664	3,326	n.a	n.a

Source : Annual Health Bulletin, MoH

Table 15: Number of Top Ten Morbidity, Paro, (2008~ 2012)

Priority health problem/ Disease	2008	2009	2010	2011	2012
Diarrhoea	2,886	2,844	2,930	2543	2543
Conjunctivitis	978	947	974	609	609
Dysentery	1,553	866	543	391	391
Typhoid	9	13	0	102	102
Sexually transmitted disease, excluding HIV/AIDS	63	66	194	38	38
Diabetes	38	35	19	39	39
Tuberculosis	24	47	39	26	26
Early syphilis	0	3	0	7	7
Cholera	0	0	0	0	0
Tetanus	0	0	0	0	0
Diphtheria	0	0	0	0	0
Pertussis	0	0	0	0	0

Note: The Dzongkhag Health sector has the updated information of 2011, therefore, we are instructed to use 2011 data for the analysis of 2012 ADS.

Source : Dzongkhag Health Sector, Paro Dzongkhag

Table 16. Child Disability, Paro, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	1.4
Difficulty seeing, either in the daytime or at night	1.5
Appears to have difficulty hearing	1.7
No understanding of instructions	5.2
Difficulty in walking moving, moving arms, weakness or stiffness	2.5
Have fits, become rigid, lose consciousness	1.9
Not learning to do things like other children his/her age	5.2
No speaking cannot be understood in words	8.1
Appears mentally backward, dull, or slow	3.6
Speech is not normal	37.8
Number of children aged 3-9 years	503
Cannot name at least one object	36.1
Number of children aged 2 years	72
Percentage of children 2-9 years of age with at least one reported disability*	45.6
Number of children aged 2-9 years	575

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Paro, (2010)

Percentage of children under age 5 by nutritional status according to three anthropometric indices: weight for age, height for age, and weight for height.

Nutritional Status	2010
Weight for age: % below -2 sd [1]	7.5
Weight for age: % below -3 sd [2]	1.6
Weight for age: Mean Z-Score (SD)	-0.5
Weight for age: Number of children	320
Height for age: % below -2 sd [3]	30.1
Height for age: % below -3 sd [4]	9.9
Height for age: Mean Z-Score (SD)	-1.2
Height for age: Number of children	301
Weight for height: % below -2 sd [5]	6.9
Weight for height: % below -3 sd [6]	2.1
Weight for height: % above +2 sd	9.2
Weight for height: Mean Z-Score (SD)	0.2
Weight for height: Number of children	301

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Paro, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey Who Were Ever Breastfed, Percentage Who Were Breastfed Within One Hour of Birth and Within One Day of Birth, and Percentage

Initial Breastfeeding	2010
Percentage ever breastfed	99.0
Percentage who were first breastfed: Within one hour of birth	41.6
Percentage who were first breastfed: Within one day of birth	91.9
Percentage who received a prelacteal feed	2.8
Number of last-born children in the two years preceding the survey	146

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Paro, (2010)

Duration of Breastfeeding	2010
Median duration (in months) of Any breastfeeding	20.9
Exclusive breastfeeding	4.1
Predominant breastfeeding	4.8
Number of children age 0-35 months	220

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Paro, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey That are Estimated to Have Weighed Below 2500 Grams at Birth and Percentage of Live Births Weighed at Birth.	2010
Low Birth Weight Infants	2010
Percent of live births Below 2500 grams	10.5
Weighed at birth	98.1
Number of live births in the last 2 years	146

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Paro, (2010)

Percentage of women age 15-49 years with a live birth in the last 2 years protected against neonatal tetanus.	2010
Neonatal Tetanus Protection	58.1
Percentage of Women Who Received at Least 2 Doses During Last Pregnancy	58.1
Percentage of women who did not receive two or more doses during last pregnancy but received	
2 doses, the last within prior 3 years	10.9
3 doses, the last within prior 5 years	0.0
4 doses, the last within prior 10 years	0.0
5 or more doses during lifetime	0.0
Protected against tetanus [1]	68.9
Number of women with a live birth in the last 2 years	146

Source: BMIS, 2010

Table 22. Solid Fuel Use, Paro, (2010)

Percentage Distribution of Household Members According to Type of Cooking Fuel Used by the Household, and Percentage of Household Members Living in Households Using Solid Fuels for Cooking.	2010
Solid Fuel Use	
Percentage of household members in households using	
Electricity	48.6
Liquefied Petroleum	
Gas (LPG)	45.8
Kerosene	0.2
Coal	0.0
Wood	5.5
Straw/Shrubs/Grass	0.0
No food cooked in household	0.0
Other	0.0
Total	100.0
Solid fuels for cooking	5.5
Number of household members	3776

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Paro, (2010)
 Percent distribution of household population according to main source of drinking water and
 percentage of household population using improved drinking water sources.

Water Sources	2010
Main source of drinking water	
Improved sources	
Piped into dwelling	35.7
Piped into compound	49.7
Piped to neighbor	6.9
Public outdoor tap	2.0
Protected well	1.6
Spring	0.5
Rainwater collection	0.0
Bottled water	0.0
Unimproved sources	
Unprotected well	0.1
Unprotected spring	0.6
Tanker-truck	0.3
Cart with small tank/drum	0.4
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	2.1
Other	0.0
Total	100.0
Percentage using improved sources of drinking water	96.4
Number of household members	3776

Source: BMIS, 2010

Table 24. Household Water Treatment, Paro, (2010)
Percentage of Household Population by Drinking Water Treatment Method Used in the Household, and for Household Members Living in Households Where an Unimproved Drinking Water Source is Used, the

Water Treatment	2010
Water treatment method used in the household	
None	7.9
Boil	71.7
Add bleach / chlorine	0.2
Strain through a cloth	0.7
Use water filter	28.1
Solar disinfection	0.2
Let it stand and settle	22.7
Other	0.0
Don't know	0.0
Number of household members and using an appropriate water treatment method [1]	3776
Number of household members in households using unimproved drinking water sources	58.1
Source: BMIS, 2010	135

Table 25. Time to Source of Drinking Water, Paro, (2010)
Percent Distribution of Household Population According to Time to go to Source of Drinking Water, Get Water and Return, for Users of Improved and Unimproved Drinking Water Sources

Time to Source of Drinking Water	2010
Users of improved drinking water sources	
Water on premises	94.0
Less than 30 minutes	1.6
30 minutes or more	0.8
Missing/DK	0.0
Users of unimproved drinking water sources	
Water on premises	0.7
Less than 30 minutes	1.8

30 minutes or more	1.1
Missing/DK	0.0
Total	100.0
Number of household members	3776

Source: BMIS, 2010

Table 26. Types of Sanitation Facilities, Paro, (2010)

Percent Distribution of Household Population According to Type of Toilet Facility Used by the Household

Type of toilet facility used by household	2010
Improved sanitation facility	
Flush toilet	0.1
Flush to septic tank(Without soak pit)	47.2
Flush to pit (latrine)	0.7
Flush to unknown place/not sure/DK where	0.0
Flush to septic tank (with soak pit)	7.6
Ventilated Improved Pit latrine (VIP)	0.0
Pit latrine with slab	28.1
Composing toilet	0.4
Unimproved sanitation facility	
Flush to somewhere else	0.0
Pit latrine without slab /open pit	11.3
Long drop latrine	1.1
Bucket	0.0
Other	0.0
Missing	0.0
Open defecation	
No facility,bush, field	3.4
Total	100.0
Number of household members	3776

Source: BMIS, 2010

Table 27. Number of schools, Institutions, Teachers and students, Paro, (2008 ~ 2012)

Details	2008										2009													
	Cps	Ps	Lss	Mss	Hss	College	Pvt.	Deaf Unit	Other Inst.	NFE Centres	Daycare Centres	Total	Cps	Ps	Lss	Mss	Hss	College	Pvt.	Deaf Unit	Other Inst.	NFE Centres	Daycare Centres	Total
Number of schools and institutions	3	3	8	2	2	1	3		n.a	15	n.a	37	3	3	7	3	2	1	4		n.a	18	n.a	41
Teaching staff																								
Bhutanese																								
Male	7	21	65	20	23	42	15		n.a	6	n.a	199												
Female	5	30	105	31	19	12	16		n.a	9	n.a	227												
Non-Bhutanese																								
Male	0	0	5	5	26	1	0		n.a	n.a	n.a	37												
Female	0	0	0	3	3	0	0		n.a	n.a	n.a	6												
Temporary teachers																								
Male	1	0	1	0	0	0	0		n.a	n.a	n.a	2												
Female	1	0	0	0	0	0	0		n.a	n.a	n.a	1												
Number of students																								
Male	127	689	2,134	583	644	437	488		n.a	20	n.a	5,122												
Female	122	601	2,407	661	669	316	475		n.a	189	n.a	5,440												
Student to teacher ratio	18:1	25:1	26:1	21:1	18:1	14:1	31:1		n.a	18:1	n.a	22:1												
Number of schools and institutions	3	3	7	3	2	1	4		n.a	18	n.a	41												
Teaching staff																								
Bhutanese																								
Male	10	23	60	34	28	43	27		n.a	5	n.a	230												
Female	3	33	91	44	19	11	21		n.a	13	n.a	235												
Non-Bhutanese																								
Male	0	0	2	6	14	1	23		n.a	0	n.a	46												

Female	0	0	0	2	4	0	6	n.a	0	n.a	12
Temporary teachers											
Male	4	0	5	1	2	0	0	n.a	0	n.a	12
Female	1	0	0	0	0	0	0	n.a	0	n.a	1
Number of students											
Male	115	751	1,756	987	738	533	703	n.a	44	n.a	5,627
Female	130	668	1,936	1,060	817	370	532	n.a	265	n.a	5,778
Student to teacher ratio	14:1	25:1	23:1	24:1	23:1	16:1	16:1	n.a	17:1	n.a	21:1
2010											
Number of schools and institutions	3	3	7	3	2	1	4	n.a	18	1	42
Teaching staff											
Bhutanese											
Male	9	22	67	33	27	44	42	n.a	5	0	249
Female	7	37	96	53	25	19	26	n.a	13	3	279
Non-Bhutanese											
Male	0	0	1	9	13	1	15	n.a	0	0	39
Female	0	0	0	3	4	0	3	n.a	0	0	10
Temporary teachers											
Male	4	1	3	1	2	0	0	n.a	0	0	11
Female	1	0	0	0	0	0	0	n.a	0	0	1
Number of students											
Male	118	762	1,817	983	539	494	703	n.a	44	9	5,469
Female	124	642	1,997	1,120	455	352	637	n.a	237	8	5,572
Student to teacher ratio	12:1	23:1	22:1	21:1	14:1	13:1	16:1	n.a	16:1	6:1	19:1
2011											
Number of schools and institutions	4	3	6	4	2	1	4		21	n.a	45
Teaching staff											

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Bhutanese	10	26	58	52	21	44	33	7	n.a	251
Male	5	32	96	63	31	19	27	14	n.a	287
Female	0	0	0	6	10	1	14	0	n.a	31
Non-Bhutanese	0	0	0	2	6	0	9	0	n.a	17
Male	0	0	0	0	0	0	0	0	n.a	0
Female	0	0	0	0	0	0	0	0	n.a	0
Temporary teachers	125	699	1,636	1,278	604	490	1,061	62	n.a	5,955
Male	121	597	1,785	1,415	663	363	933	238	n.a	6,115
Female	16:1	22:1	22:1	22:1	19:1	13:1	24:1	14:1	n.a	21:1
Student to teacher ratio	3	3	6	4	2	1	6	1	n.a	50
Number of schools and institutions	8	18	30	56	42	45	65	4	n.a	275
Teaching staff	7	16	58	66	27	17	32	7	n.a	244
Bhutanese	0	0	0	6	10	1	14	0	n.a	31
Male	0	0	0	2	6	0	9	0	n.a	17
Female	-	0	0	0	0	0	0	0	n.a	0
Non-Bhutanese	0	0	0	0	0	0	0	0	n.a	0
Male	123	405	839	1272	607	532	2000	38	n.a	5878
Female	117	369	911	1378	667	412	2150	23	n.a	6265
Temporary teachers	16:1	23:1	22:1	23:1	18:1	14:1	22:1	6:1	n.a	20:1
Male	16:1	23:1	22:1	23:1	18:1	14:1	22:1	6:1	n.a	20:1
Female	16:1	23:1	22:1	23:1	18:1	14:1	22:1	6:1	n.a	20:1
Number of students	16:1	23:1	22:1	23:1	18:1	14:1	22:1	6:1	n.a	20:1
Male	16:1	23:1	22:1	23:1	18:1	14:1	22:1	6:1	n.a	20:1
Female	16:1	23:1	22:1	23:1	18:1	14:1	22:1	6:1	n.a	20:1
Student to teacher ratio	16:1	23:1	22:1	23:1	18:1	14:1	22:1	6:1	n.a	20:1

Source : Dzongkhag Education Sector, Paro Dzongkhag

Table 28. School Enrolment by Grade and Sex, Paro, (2008~2012)

Class	2008	2009	2010	2011	2012
Primary level					
Total	5,734	5,756	5,672	5,662	5537
Class PP	801	846	807	727	751
Class I	801	792	800	835	754
Class II	853	844	766	836	829
Class III	938	828	840	748	782
Class IV	830	867	881	902	815
Class V	753	812	802	826	816
Class VI	758	767	776	788	790
Male					
Total	2,933	2,853	2,847	2,872	2791
Class PP	423	441	435	397	386
Class I	428	406	407	413	363
Class II	439	440	385	425	422
Class III	454	409	440	373	396
Class IV	409	431	433	488	406
Class V	434	387	384	399	405
Class VI	346	339	363	377	413
Female					
Total	2,892	2,903	2,825	2,790	2746
Class PP	378	405	372	330	365
Class I	373	386	393	422	391
Class II	414	404	381	411	407
Class III	484	419	400	375	386
Class IV	421	436	448	414	409
Class V	410	425	418	427	411
Class VI	412	428	413	411	377
Secondary level					
Total	3,948	4,449	4,865	5,255	5611
Class VII	714	820	829	802	863
Class VIII	732	702	730	739	724
Class IX	688	751	721	707	787
Class X	498	648	658	627	620
Class XI	803	780	942	1,138	1131
Class XII	513	748	985	1,242	1486
Male					
Total	1,970	2,192	2,340	2,531	2715
Class VII	319	377	371	362	410
Class VIII	332	312	334	331	334
Class IX	314	353	319	315	379
Class X	236	294	306	270	300
Class XI	478	433	476	562	508
Class XII	291	423	534	691	784
Female					
Total	1,978	2,257	2,525	2,724	2896

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Class VII	395	443	458	440	453
Class VIII	400	390	396	408	390
Class IX	374	398	402	392	408
Class X	262	354	352	357	320
Class XI	325	347	466	576	623
Class XII	222	325	451	551	702

Source:Dzongkhag Education Sector, Paro Dzongkhag

Table 29. Student by Age-Group, Sex and by Level, Paro, (2008~2012)

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total	5674	5716	5662	n.a	n.a
Age < 6 years	23	35	73	n.a	n.a
Age 6-12 years	4819	4698	4733	n.a	n.a
Age 13 & above	832	983	856	n.a	n.a
Male	2797	2853	2784	n.a	n.a
Age < 6 years	17	11	39	n.a	n.a
Age 6-12 years	2377	2366	2326	n.a	n.a
Age 13 & above	403	476	419	n.a	n.a
Female	2877	2863	2878	n.a	n.a
Age < 6 years	6	24	34	n.a	n.a
Age 6-12 years	2442	2332	2407	n.a	n.a
Age 13 & above	429	507	437	n.a	n.a
Student in LSS level (Class VII-VIII)					
Total	1483	1496	1537	n.a	n.a
Age < 13 years	64	67	81	n.a	n.a
Age 13-14 years	570	641	641	n.a	n.a
Age 15 & above	849	788	815	n.a	n.a
Male	655	682	678	n.a	n.a
Age < 13 years	31	29	36	n.a	n.a
Age 13-14 years	229	262	256	n.a	n.a
Age 15 & above	395	391	386	n.a	n.a
Female	828	814	859	n.a	n.a
Age < 13 years	33	38	45	n.a	n.a
Age 13-14 years	341	379	385	n.a	n.a
Age 15 & above	454	397	429	n.a	n.a

Students in MSS level (Class IX-X)					
Total	1182	1384	1383	n.a	n.a
Age < 15 years	80	52	65	n.a	n.a
Age 15-16 years	537	621	627	n.a	n.a
Age 17 & above	565	711	691	n.a	n.a
Male	559	635	623	n.a	n.a
Age < 15 years	30	22	24	n.a	n.a
Age 15-16 years	230	262	238	n.a	n.a
Age 17 & above	299	351	361	n.a	n.a
Female	623	749	760	n.a	n.a
Age < 15 years	50	30	41	n.a	n.a
Age 15-16 years	307	359	389	n.a	n.a
Age 17 & above	266	360	330	n.a	n.a
Students in HSS level (Class XI-XII)					
Total	1244	1629	1966	n.a	n.a
Age < 17 years	83	98	55	n.a	n.a
Age 17-18 years	412	586	558	n.a	n.a
Age 19 & above	749	945	1353	n.a	n.a
Male	708	846	1045	n.a	n.a
Age < 17 years	21	25	25	n.a	n.a
Age 17-18 years	202	266	291	n.a	n.a
Age 19 & above	485	555	729	n.a	n.a
Female	536	783	921	n.a	n.a
Age < 17 years	62	73	30	n.a	n.a
Age 17-18 years	210	320	267	n.a	n.a
Age 19 & above	264	390	624	n.a	n.a

Source : Dzongkhag Education Sector, Paro Dzongkhag

Table 30. Literacy Among Young Women, Paro, (2010)

Literacy Among Young Women	2010
Percentage literate	73.9
Percentage not known	0.0
Number of women age 15-24 years	278

Source: BMIS, 2010

Table 31. School Readiness, Paro, (2010)

Percentage of children attending first grade of primary school who attended pre-school the previous year.

School Readiness	2010
Percentage of children attending first grade who attended preschool in previous year	1.8
Number of children attending first grade of primary school	113

Source: BMIS, 2010

Table 32. Primary School Entry, Paro, (2010)

Percentage of Children of Primary School Entry Age Entering Grade 1 (net intake Primary School Entry)	2010
Percentage of children of primary school entry age entering grade 1	71.0
Number of children of primary school entry age	92

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Paro, (2010)

Percentage of children entering first grade of primary school who eventually reach the last grade of primary school (Survival rate to last grade of primary school)

Details	2010
Percent attending grade 1 last year who are in grade 2 this year	100.0
Percent attending grade 2 last year who are attending grade 3 this year	100.0
Percent attending grade 3 last year who are attending grade 4 this year	98.7
Percent attending grade 4 last year who are attending grade 5 this year	100.0
Percent attending grade 5 last year who are attending grade 6 this year	100.0
Percent who reach grade 6 of those who enter grade 0	98.7

Source: BMIS, 2010

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Table 34. Education Gender Parity, Paro, (2010)

Education gender parity Ratio of adjusted net attendance ratios of girls to boys, in primary and secondary school

Education Gender Parity	2010
Primary school adjusted net attendance ratio (NAR), girls	93.2
Primary school adjusted net attendance ratio (NAR), boys	90.2
Gender parity index (GPI) for primary school adjusted NAR	1.03
Secondary school adjusted net attendance ratio (NAR), girls	65.0
Secondary school adjusted net attendance ratio (NAR), boys	55.6
Gender parity index (GPI) for secondary school adjusted NAR	1.17

Source: BMIS, 2010

Table 35. Summary of Crime Reports by Nature of Crime, Paro, (2010 ~ 2012)

Nature of Crime	(Incident)		
	2010	2011	2012
	0	0	0
Attempt, aiding and abetting, solicitation and criminal conspiracy			
Homicide	0	0	0
Assault, battery and related offences	76	15	15
Kidnapping and related offences	0	0	0
Sexual offence	3	0	0
Offence against infant, child, mentally dissabled and incompetent person	4	0	0
Arson and related offences	0	0	0
Burglary, trespass and related offences	36	20	20
Larceny, robbery, armed robbery and related offences	33	18	18
Money laundering and smuggling	0	0	0
Embezzlement and bribery	0	0	0
Forgery and related offences	0	0	0
Defamation and related offences	0	0	0
Treason, terrorism and related offences	0	0	0
Offences against cultural and national heritage	6	3	3
Offences against judicial authority	7	5	5
Prostitution and related offences	0	0	0
Offences against the public welfare	8	1	1
Offences related to public and civic duties	0	0	0
Offences related to public order and tranquillity	0	0	0
Offences against privacy	0	0	0
Computer offences	0	0	0
Offences related to firearms and weapons	0	1	1
Offences related to protected species, controlled and other harmful substances	9	9	9
Motor vehicle offences	4	3	3
Others	62	30	30
Total crimes	248	105	105

Source: Royal Bhutan Police, Paro Dzongkhag

Table 36. Monthly Motor Vehicle Accidents, Paro, (2010~ 2012)

Month	2010	2011	2012
January	10	11	11
February	13	12	12
March	13	9	9
April	7	13	13
May	15	15	15
June	10	12	12
July	18	15	15
August	10	15	15
September	10	23	23
October	19	16	16
November	11	1	1
December	17	0	0
Total	153	142	142

Source: Royal Bhutan Police, Paro Dzongkhag

Table 37. Causes of Motor Vehicle Accidents, Paro, (2010~2012)

Details	2010	2011	2012
Mechanical fault	22	13	13
Drunk driving	11	7	7
Bad weather	8	4	4
Without licence	13	14	14
Unknown causes	44	42	42
Other causes	55	62	62
All causes	153	142	142

Source: Royal Bhutan Police, Paro Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Paro, (2010)

Details	2010
Percentage of women age 15-49 years who believe a husband is justified in beating his wife/partner	
If goes out without telling him	67.4
If she neglects the children	81.1
If she argues with him	45.8
If she refuses sex with him	36.9
If she burns the food	15.4
For any of these reasons	90.4
Number of women age 15-49 years	799

Source: BMIS, 2010

Table 39. Land Area and Damages Caused by Types, Paro, (2008 ~ 2012)

Details	2008	2009	2010	2011	2012
Dzongkhag area (Sq. Km)	1293.2	1293.2	1293.2	1293.2	1293.2
Total cultivated land (Acres) ¹	n.a	13766.8	13766.8	13766.8	13766.8
Damages caused by landslides ²					
Farmland (acres)	5	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	5.6	n.a	n.a
Damages caused by floods ²					
Farmland (acres)	4	n.a	n.a	n.a	n.a
Houses (Number)	2	n.a	n.a	n.a	n.a
Roads (Km)	3	n.a	n.a	n.a	n.a
Crops affected by drought (acres)	114	n.a	n.a	n.a	n.a
Crops damaged by wild animals (acres)	227	n.a	n.a	n.a	n.a
Incidence of earthquake (Number of cases reported) ²	n.a	n.a	n.a	n.a	n.a
Houses damaged by earthquakes (Number)	n.a	n.a	n.a	n.a	n.a
Number of forest fires ³	31	25	5	n.a	4
Acreage destroyed by forest fires	356	456	807.1	n.a	673
Acreage of reforestation ³	50	12	254.4	n.a	n.a
Houses/structures damaged by fires (Number) ³	3	n.a	2	n.a	n.a

Source: ¹Agriculture Sector, ²Environment Sector, ³ Forest Sector, Paro Dzongkhag

Table 40. Average Monthly Temperature (Degree Centigrade), Paro, (2011& 2012)

Month/Temperature	2011			2012		
	Degree Celsius			Degree Celsius		
	Maximum	Minimum	Average	Maximum	Minimum	Average
January	15	0	8	11.3	-4.1	3.6
February	14	-2	6	14.2	-0.3	6.95
March	20	5	12	17.3	2.8	10.05
April	23	8	15	20.2	5.5	12.85
May	23	11	17	22.9	10.2	16.55
June	25	13	19	24.5	13.9	19.2
July	24	15	20	23.2	14.5	18.85
August	25	15	20	23.9	14.4	19.15
September	24	13	19	22.9	13.3	18.1
October	20	9	15	20.5	9	14.75
November	17	5	11	16.1	2.7	9.4
December	15	-3	6	13.8	0.2	7
Annual	20	7	14	19.2	6.8	13

Source: SYB, NSB

Table 41. Average Monthly Rainfall, Paro, (2011 & 2012)

Month/ Monthly Rainfall	2011			2012		
	Station			Station		
	Paro	Betikha	Drukgyel Dzong	Paro	Betikha	Drukgyel Dzong
January	0	27	0	0	0	0
February	0	0	0	33.2	63	0
March	19	289	24	6.8	106	5
April	24	601	13	11.6	403	22
May	69	693	59	34.8	277	46
June	138	117	131	80.6	621	119.5
July	132	472	223	89.4	371	106
August	99	509	167	144.2	397	295.5
September	55	343	127	137.5	0	203
October	49	345	51	20	0	32.5
November	1	25	6	1	75	0
December	7	8	0	0	13.5	0
Annual	593	3,429	801	559	2327	830

Source: SYB, NSB

Table 42. Percentage of Forest Coverage, Number of Protected Spring and Lakes, Paro, (2012)

Details	2012
Forest coverage (%) ²	60.99
Number of snow fall at Dzongkhag headquarter	1
Number of Protected spring water sources ¹	n.a
Number of Lakes ¹	n.a

Source:¹Dzongkhag Forest Section, ²Tenth Plan Documents, GNHC

Table 43. Disposal of Childs Faeces, Paro, (2010)
 Percent distribution of children age 0-2 years according to place of disposal of child's faeces, and the percentage of children age 0-2

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	13.5
Put / Rinsed into toilet or latrine	48.7
Put / Rinsed into drain or ditch	29.4
Thrown into garbage (solid waste)	2.1
Buried	0.0
Left in the open	6.4
Other	0.0
Total	100.0
Percentage of children whose stools were disposed of safely	62.1
Number of children age 0-2 years	220

Source: BMIS 2010

Table 44. Parliamentarians and Local Government Representatives, Paro, (2008 & 2011)

Details	2008	2011
Local governance (Number)		
Parliamentarians		
Male	3	3
Female	0	0
Gups		
Male	10	10
Female	0	0
Total gewog tshogpas ¹		
Male	84	39
Female	8	8
Total Mangmis ¹		
Male	10	7
Female	0	3
DYT members ²		
Male	21	18
Female	0	3
GYT members ¹		
Male	104	58
Female	8	9
Polling stations ²	31	54
Eligible voters (18 years and above) ²		
Male	6,732	7,103
Female	7,120	7,677
% of Voters turnout during election		
Male	75	71
Female	85	78
Total election staff in Dzongkhag		
Male	2	2
Female	1	2

Source:¹Gewog Administration, ²Election Sector, Paro Dzongkhag.

Table 45. Parliamentary and Local Government Election Expenditures, Paro, (2008 & 2011)

Details	Amount (Nu)
2008	
Parliamentarians	
National council	n.a
National assembly	n.a
2011	
Local government (Gup, Mangmi & Tshogpa)	5,701,200

Source: Election Office, Paro Dzongkhag

Table 46. Royal Government Finances Expenditures at Dzongkhag Level, Paro(2008~2012)

(in million Nu.)

Sectors	2009-2010		2010-2011		2011-2012		Total Expenditure 2008-2012	
	Current	Capital	Current	Capital	Current	Capital	Current	Capital
Adm & Management	27.2		27.2		27.2		81.546	
Agriculture	6.58		6.58		6.58		19.740	
Livestock	8.329		8.329		8.329		24.987	
Forestry	5.558		5.558		5.558		16.674	
Education	152.704		152.704		152.704		458.112	
Health	29.098		29.098		29.098		87.294	
Works & Human Settlement	12.956		12.956		12.956		38.868	
Religion & Culture								
Total								

Source:Dzongkhag Administration, Paro

Table 47. Dzongkhag 9th and 10th Five Year Plan Outlays, Paro

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	16.000	53.847	36.417
Agriculture	n.a	8.375	14.236	27.9
Livestock	n.a	24.710	17.566	16.25
Forestry	n.a	9.590	11.622	13.4
Education	n.a	288.584	284.932	239.56
Health	n.a	4.444	59.573	88.59
Urban development & housing	n.a	87.500	37.599	76.5
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	2.500	n.a	n.a
Total plan outlay	n.a	441.703	479.375	498.617

Note: The plan outlay for Education sector is centralized by MoE.

The current budget outlay for 10FYP is for two financial years (2008-2009 & 2009-2010).

The budget outlay for religion and culture is included in Civil.

Source: Dzongkhag Administration, Paro

Table 48. Dzongkhag 9th and 10th Five Year Plan Expenditure, Paro

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	n.a	52.099	97.542
Agriculture	n.a	n.a	13.245	11.409
Livestock	n.a	n.a	16.956	7.005
Forestry	n.a	n.a	10.425	5.054
Education	n.a	n.a	275.685	40.064
Health	n.a	n.a	52.512	6.618
Urban development & housing	n.a	n.a	25.753	58.591
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total plan expenditure	n.a	n.a	446.675	226.283

Note: The expenditure for Adhoc activities are included in Civil sector.

The expenditure is for two financial years (2008-2009 and 2009-2010).

The expenditure for religion and culture is included in Civil.

Source: Dzongkhag Administration, paro

Table 49. Gewog 9th and 10th Five Year Plan Outlays, Paro

(In million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	24.400	n.a	15.302
Agriculture	n.a	88.404	n.a	142.334
Livestock	n.a	13.055	n.a	3.51
Forestry	n.a	4.183	n.a	4.275
Education	n.a	4.058	n.a	n.a
Health	n.a	16.026	n.a	17.88
Urban development & housing	n.a	10.650	n.a	10.761
Roads				
Bhutan post				
Telecommunication				
Power				
Trade & industry				
Total plan outlay		160.776		194.062

Note: The plan outlay for Education sector is centralized by MoE.
Source: Planning Unit, Paro Dzongkhag

Table 50. Gewog 9th and 10th Five Year Plan by Expenditures, Paro
(In million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	16.315
Agriculture	n.a	n.a	n.a	50.967
Livestock	n.a	n.a	n.a	3.430
Forestry	n.a	n.a	n.a	4.106
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	6.654
Urban development & housing	n.a	n.a	n.a	2.792
Roads & bridges	n.a	n.a	n.a	n.a
Religion & cultural	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & Industry	n.a	n.a	n.a	n.a
Total plan outlay				84.264

Note: The expenditure for Adhoc activities are included in Civil sector.

The expenditure is for two years (2008-2009 and 2009-2010).

Source: Dzongkhag Administration, Paro

Table 51. Employed Persons by Age, Sex and Area of Residence, Paro, (2010 ~ 2012)

Details	(Number)		
	2010	2011	2012
Total			
Male	8,600	10,500	10,500
Female	10,900	9,500	9,500
Rural Total			
Male	7,700	9,900	9,900
Female	9,800	8,800	8,800
Urban Total			
Male	900	600	600
Female	1,100	700	700

Source : Labour Force Survey, MoLHR

Table 52. Employment by Industries, Age Group and Sex, Paro, (2009 ~ 2012)

Details	2009	2010	2011	2012
Total labour force (Number)	n.a	20,400	20,500	20,500
Total employed (%)	n.a	95.1	97.1	97.1
Male	n.a	94.5	99.1	99.1
Female	n.a	95.6	96.0	96.0
Unemployment rate	n.a	4.9	2.9	2.9
Total employed in Agriculture (%)	n.a	62.1	60.5	60.5
Male	n.a	51.2	53.3	53.3
Female	n.a	70.6	68.4	68.4
Total employed in Industries (%)	n.a	23.1	20.5	20.5
Male	n.a	27.9	19.0	19.0
Female	n.a	19.3	22.1	22.1
Total employed in Services (%)	n.a	14.9	18.0	18.0
Male	n.a	22.1	25.7	25.7
Female	n.a	9.2	9.5	9.5
Total unemployed by area (%)	n.a	n.a	n.a	n.a
Urban	n.a	n.a	n.a	n.a
Rural	n.a	n.a	n.a	n.a
Total un-employed by education (%)	n.a	n.a	n.a	n.a
Total unemployed grade XII and above	n.a	n.a	n.a	n.a
Total unemployed below grade XII	n.a	n.a	n.a	n.a
Total under employed (%)	n.a	n.a	n.a	n.a
Employed by age-group (%)	n.a	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a	n.a
Unemployed by age-group (%)	n.a	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a	n.a

Labor force participation rate (%)	n.a	65.4	50.6	50.6
Male participation rate	n.a	67.9	46.5	46.5
Female participation rate	n.a	64.4	55.2	55.2

Source : Labour Force Survey, MoLHR

Table 53. Child Labour, Paro, (2010)
 Percentage of Children by Involvement in Economic Activity and Household Chores During the Past Week, According to Age Groups, and Percentage of Children Age 5-14 Involved in Child Labour

Child labour	2010
Percentage of children age 5-11 involved in Economic activity	
Working outside household	
Paid work	0.1
Unpaid work	1.2
Working for family business	17
Economic activity for at least one hour	17.8
Household chores less than 28 hours	19.7
Household chores for 28 hours or more	0.2
Child labour	17.8
Number of children age 5-11	529
Percentage of children age 12-14 involved in Economic activity	
Working outside household	
Paid work	1.3
Unpaid work	1.6
Working for family business	35.7
Economic activity less than 14 hours	29.2
Economic activity for 14 hours or more	7.3

Household chores less than 28 hours	63.3
Household chores for 28 hours or more	1.2
Child labour	7.5
Number of children age 12-14	294
Total child labour [1]	14.1
Number of children age 5-14 years	823

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Paro, (2010)

Percentage of children age 5-14 years involved in child labour who are attending school, and percentage of children age 5-14 years attending school who are involved in child labour

Child Labour and School Attendance	2010
Percentage of children involved in child labour	14.1
Percentage of children attending school	85.7
Number of children age 5-14 years	823
Percentage of child labourers who are attending school	9.1
Number of children age 5-14 years involved in child labour	116
Percentage of children attending school who are involved in child labour	15.0
Number of children age 5-14 years attending school	705

Source: BMIS, 2010

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Table 55. Agriculture Production and Average Prices by Commodities, Paro, (2008 ~ 2012)

Details	2008	2009	2010	2011	2012
Paddy					
Area (Acres)	3,230.86	4,686.41	6,784.03	6,784.03	6784
Production (MT)	5,406.00	9,027.08	12,402.53	12,402.53	12403
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	45
Maize					
Area (Acres)	187.98	67.75	5.93	5.93	6
Production (MT)	113.00	119.36	12.58	12.58	9.9
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	40
Wheat					
Area (Acres)	1,227.49	801.46	630.30	630.30	630
Production (MT)	282.00	1,313.90	394.16	394.16	481.33
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	50
Barley					
Area (Acres)	130.61	88.16	68.37	68.37	68
Production (MT)	79.00	164.66	69.88	69.88	28.63
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	30
Buckwheat					
Area (Acres)	307.45	125.63	105.55	105.55	106
Production (MT)	100.00	220.70	59.00	59.00	59
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	30
Millet					
Area (Acres)	51.23	42.78	2.96	2.96	0
Production (MT)	31.00	47.93	1.06	1.06	0
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	0
Fruits					
Apples					
Number of fruit bearing trees	13,016	154,458	n.a	n.a	340539
Production (Kg)	3,071,700	4,457,000	12,810,370	12,810,370	6829.21
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	40
Oranges/ Mandarin					
Number of fruit bearing trees	N.A	N.A	N.A	N.A	N.A
Production (Kg)	N.A	N.A	N.A	N.A	N.A
Price per Kg(Nu.)	N.A	N.A	N.A	N.A	N.A
Banana					
Number of fruit bearing trees	N.A	N.A	N.A	N.A	N.A
Production (Kg)	N.A	N.A	N.A	N.A	N.A
Price per Dozen(Nu.)	N.A	N.A	N.A	N.A	N.A
Pear					
Number of fruit bearing trees	2,700	784	n.a	n.a	596
Production (Kg)	44,500	21,000	25,756	25,757	140.5
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	40
Plum					
Number of fruit bearing trees	150	227	n.a	n.a	215
Production (Kg)	6,800	6,000	5,834	5,835	120.7
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	35
Areca Nut					

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Production (Pon)	N.A	N.A	N.A	N.A	N.A
Production (Nu.)	N.A	N.A	N.A	N.A	N.A
Price per 80 Piece/ Pon(Nu.)	N.A	N.A	N.A	N.A	N.A
Vegetables and Spices					
Potato					
Production (kg)	4,555,942	2,760,707	5,233,010	5,233,011	3499.14
Production (Nu.)	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	22.5
Chili					
Production (kg)	922,339	2,130,551	875,120	875,120	704.17
Production (Nu.)	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	25
Onion					
Production (kg)	26,050	8,000	202	203	1.55
Production (Nu.)	n.a	n.a	n.a	n.a	45
Price per Kg(Nu.)	N.A	N.A	N.A	N.A	N.A
Garlic					
Production (Kg)	18,650	18,000	1,710	1,711	N.A
Production (Nu.)	n.a	n.a	n.a	n.a	N.A
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	N.A
Oil seeds and legumes					
Lentils					
Production (Kg)	2,210	2,000	n.a	n.a	N.A
Production (Nu.)	n.a	n.a	n.a	n.a	N.A
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	N.A
Mustards					
Production (Kg)	168,767	514,068	41,420	41,421	59
Production (Nu.)	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	50
Beans					
Production (Kg)	152,170	359,000	75,100	75,101	99.053
Production (Nu.)	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	25

Source:RNR statistics and Agriculture statistics, MoA

Database:CountrySTAT-Bhutan

Table 56. Agriculture Infrastructures and Other Facilities , Paro, (2009~2012)

Details	2009	2010	2011	2012
Irrigation for agriculture				
Number of irrigation channels	50	50	55	61
Functional	n.a	n.a	n.a	n.a
Non-Functional	n.a	n.a	n.a	n.a
Total length of channels (Km)	153.11	153.11	n.a	155.11
Area covered by irrigation	4960.24	4960.24	n.a	5200
Number of households benefitted	n.a	n.a	n.a	2006
Number of food processing units	1	1	n.a	0
Number of agriculture mills	n.a	n.a	n.a	273
Number of livestock product processing units	n.a	n.a	n.a	0
Number of farmer	n.a	n.a	n.a	0
Agriculture	n.a	n.a	n.a	0
Livestock	2	4	4	0
Forestry	14	19	19	0
Number of power tillers	n.a	578	578	502

Source: Agriculture Sector, Paro Dzongkhag

Table 57: Livestock Population by Types, Paro, (2009-2012)

Details	2009	2010	2011	2012
Livestock (Number)				
Cattle				
Local breed		11,005	n.a	7362
Male	3,394	3,024	n.a	3053
Female	5,574	3,079	n.a	4309
Improved breed			n.a	4792
Male	1,519	1,544	n.a	1008
Female	3,553	3,358	n.a	3784
Mithun	n.a	1,873	n.a	2626
Bufallo	0	0	n.a	0
Male	N.A	N.A	n.a	0
Female	N.A	N.A	n.a	0
Horse		962	n.a	1199
Local breed	870	933	n.a	1135
Improved breed	62	29	n.a	64
Yak		3,690	n.a	3632
Male	1,489	1,233	n.a	1428
Female	2,511	2,457	n.a	2204
Sheep		14	n.a	10
Local breed	8	14	n.a	10
Improved breed	n.a	n.a	n.a	0
Pig		755	n.a	524
Local breed	381	374	n.a	172
Improved breed	443	381	n.a	352
Poultry		17,799	n.a	20797
Local breed	978	1,396	n.a	988
Improved breed	10,651	16,403	n.a	19809
Goat	138	n.a	n.a	179

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Paro Dzongkhag

Table 58: Livestock Productions, Paro, (2009~2012)

Details	2009	2010	2011	2012
Livestock products				
Fresh Milk (Liters)	3,325,774	1,468,315	n.a	1522.84 MT
Price per liter (Nu.)			n.a	30
Butter (Kg)	86,451	57,286	n.a	87.6 MT
Price per Kg (Nu.)			n.a	350
Fresh Cheese (Kg)	144,619	119,247	n.a	157.8 MT
Price per Kg (Nu.)			n.a	n.a
Processed cheese (kg)	n.a	n.a	n.a	n.a
Price per Kg (Nu.)			n.a	n.a
Eggs (Dozen)	1,195,867	2,094,521	n.a	120
Price per piece (Nu.)			n.a	10
Fish (Kg)	n.a	n.a	n.a	n.a
Price per Kg (Nu.)			n.a	120/135
Beef (Kg)	22,912	22,495	n.a	10 MT
Price per Kg (Nu.)			n.a	150
Pork (Kg)	24,683	24,378	n.a	49.8 MT
Price per Kg (Nu.)			n.a	140
Yak Meat (Kg)	5,699	19,990	n.a	12.44 MT
Price per Kg (Nu.)			n.a	200
Mutton (Kg)	n.a	n.a	n.a	n.a
Price per Kg (Nu.)			n.a	180
Honey (Gm)	n.a	n.a	n.a	n.a
Price per liter (Nu.)			n.a	n.a
Chicken (Kg)	n.a	5,998	n.a	n.a
Price per Kg (Nu.)			n.a	240

Source: Livestock Sector, Paro Dzongkhag

Table 59. Forestry Production, Paro, (2008 ~ 2012)

Details	2008	2009	2010	2011	2012
Wood Forest Product¹					
Log Form (Cft)	6,880.4	4,195.5	n.a	n.a	n.a
Fire wood (Cubic metres)	229T/L	554T/L	8,248	8,248	8,248
Flag Poles (Number)	6,314	1,155	13,004	13,004	13,004
Shinglap (Number of trees)	104	9	1,089	1,089	1,089
Cham (Number of trees)	2,705	853	29,847	29,847	29,847
Tsim (Number of trees)	4,693	2,985	23,081	23,081	23,081
Non-Wood Forest Product²					
Mushroom (Kg)	n.a	n.a	n.a	n.a	n.a
Mushroom (Nu.)	n.a	n.a	n.a	n.a	n.a
Medicinal and Aromatic plants (Kg)	n.a	n.a	n.a	n.a	n.a
Cordyceps (Kg)	n.a	n.a	n.a	n.a	n.a
Cordyceps (Nu.)	n.a	n.a	n.a	n.a	n.a
Sand (Truck load)	413	439	4,543	4,543	4,543
Stones (Truck load)	1,003	1,120	22,163	22,163	22,163
Bamboo (Number)	1,156	1,486	2,320	2,320	2,320
Cane (Bundles)	n.a	n.a	n.a	n.a	n.a
Lemon grass (Kg)	n.a	n.a	n.a	n.a	n.a
Mining Sites (Number)	3	3	2	2	2
Quarry Sites	6	6	7	7	7
Municipal Waste Disposal Sites	1	1	1	1	1
Environmental Clearance Issued	n.a	31	20	20	20

Note:

1. T/L means Truck Load

Source:¹Divisional Forest, Paro

Table 60. Electricity Generating Stations and Capacities, Paro, (2009 & 2011)

Stations	2009		2010		2011		2012	
	Installed capacity (MW)	Peak generation (MU)	Installed capacity (MW)	Peak generation (MU)	Installed capacity (MW)	Peak generation (MU)	Installed capacity (MW)	Peak generation (MU)
N.A								
Diesel generation stations								
N.A								

Source : Department of Energy, MoEA,

Table 61. Number of Households by Area, Paro, (2009 ~ 2012)

Details	2009	2010	2011	2012
Total number of household in Urban	611	622	632	643
Total number of household in Rural	7031.6	7155.3	7278.3	7401

Sorce: PHCB 2005

Table 62. Number of Building Permits issued by Towns, Paro, (2009 ~ 2012)

	2009	2010	2011	2012
new buildings				
Tshongdue	n.a	n.a	n.a	n.a
Bondey	n.a	n.a	n.a	n.a

Source: Dzongkhag Municipal, Paro Dzongkhag

Table 63. Number of Establishment by Type and Size, Paro, (2009 ~ 2012)

Details	2009	2010	2011	2012
Industries by type (Number)				
Agro based	13	14	15	16
Forestry based	112	131	144	149
Mineral based	14	17	19	21
Others	24	29	32	0
Industries by scale (Number)				
Large	2	4	5	0
Medium	19	24	25	25
Small	91	177	197	122
Cottage	1,267	2,208	2,310	1,312
Contract firms (Number)	536	580	597	640
Large	n.a	n.a	n.a	n.a
Medium	n.a	n.a	n.a	n.a
Small	n.a	n.a	n.a	n.a

Source: Regional Trade and Industry Office, Thimphu

Table 64. Number of Wholesale, Retail Trade and Industrial Licenses Issued, Paro, (2007 ~ 2012)

Details	(Number)					
	2007	2008	2009	2010	2011	2012
Trade and Industries						
Micro & retail trade licences issued	179	176	208	226	168	168
Micro & retail trade licences in operation	n.a	n.a	n.a	1,217	1,382	1,382
Wholesale trade licences issued	1	0	11	3	2	2
Wholesale trade licences in operation	n.a	n.a	n.a	11	13	13
Services licences issued	102	70	83	79	105	105
Services licences in operation	n.a	n.a	n.a	646	750	750
Manufacturing licences issued	11	16	26	29	19	19
Manufacturing licences in operation	n.a	n.a	n.a	121	140	140

Note: the data for the year 2012 is as of 30th September 2011.

Source: Regional Trade Office, Thimphu

Table 65. Number of Public Transport and Facilities, Paro,
(2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Public Service Transport						
Bus	n.a	n.a	n.a	n.a	n.a	5
Taxi	n.a	n.a	n.a	n.a	n.a	n.a
Motor vehicle registration						
Heavy	n.a	n.a	n.a	n.a	n.a	n.a
Medium	n.a	n.a	n.a	n.a	n.a	n.a
Small	n.a	n.a	n.a	n.a	n.a	n.a
Two wheeler	n.a	n.a	n.a	n.a	n.a	n.a
Auto Mobile workshop ³	6	10	10	14	16	16
Bus stations	0	0	0	0	0	1

51 Source: RSTA Regional Office, Thimphu

Table 66: Roads and Bridges, Paro, (2007~2012)

Details	2007	2008	2009	2010	2011	2012
Roads (Length in Km)						
Farm roads ¹	n.a	137.40	173.94	216	262	262
Feeder roads ²	n.a	n.a	n.a	n.a	n.a	n.a
Forest roads ¹	n.a	n.a	5.19	5.19	5.19	5.19
Highways/Dzongkhag roads Bridges (Number)	n.a	170.83	170.83	170.83	170.83	170.83
Suspension bridge ¹	13	13	13	13	13	13
Suspended ¹	3	3	3	4	4	4
Bailey bridges ²	0	0	0	0	3	3
Traditional bridges ¹	1	1	1	1	1	1

Note: Five Steel Truss bridges and two wooden cantilever bridges are not included in the above table.

Highways/Dzongkhag road includes 103km Primary highways, 36.4km Secondary highways, 26.23 Dzongkhag road and 5.2km Urban road.

Source: ¹Dzongkhag Engineering Section, ²Department of Roads, Paro

Table 67. Telecommunications, Paro, (2007 ~ 2012)

Telecommunications	(Number)					
	2007	2008	2009	2010	2011	2012
Households with fixed telephone connections	n.a	n.a	n.a	1,787	1,800	1,800
Tashi cell users	n.a	n.a	n.a	n.a	n.a	n.a
B.mobile users	n.a	n.a	n.a	33,420	37,581	37,581
Community information centres	n.a	n.a	n.a	0	4	4
Gewogs accessible to mobile services	n.a	n.a	n.a	10	10	10
Households with internet access	n.a	n.a	n.a	690	992	992
Bhutan post office	n.a	n.a	n.a	1	1	1

53 Source:Bhutan Telecom Limited, Paro

Table 68. Number of Establishment in Bnking and Finance, Paro, (2009 ~ 2012)

Number of establishments	(number)			
	2009	2010	2011	2012
RICBL	1	1	1	1
BDBL	1	1	1	1
BNB	1	1	1	1
Druk PNB	0	0	0	0
T Bank	0	0	0	0
Bhutan insurance limited	0	1	1	1
BOB	1	1	1	1
ATM				3

Source: Financial Institutions, Paro Dzongkhag (1 BNB ATM and 2 B

Table 69. Number of account holders in Banks, Paro, (2011 & 2012)

Number of facilities	Number of account holders (2011)				Number of account holders (2012)			
	Loan savings	current fixed deposit	recurring deposit	N.A	Loan savings	current fixed deposit	recurring deposit	N.A
RICB	n.a	N.A	N.A	N.A	n.a	N.A	N.A	N.A
BDBL	1458	1178	10	94	1458	1178	10	94
BNBL	1367	5903	192	701	1429	7170	238	765
PNB	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
T Bank	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Bhutan insurance limited	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
BOBL	1368	7925	526	578	1353	9426	521	626

Source: Financial Institutions, Paro Dzongkhag

Table 70. Number of Administrative Units, Paro, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Dzongkhags	0	0	0	0	0	0
Gewogs	10	10	10	10	10	10
Chiwogs	95	95	95	95	50	50
Villages	396	396	396	396	396	396
Households	7377	7509	7643	7777	7911	8044
Towns	1	1	1	1	1	1
Number of Police stations	1	1	1	1	1	1

Note: the number of households are projected based on PHCB 2005

Source: Administration Office, Paro Dzongkhag

Table 71. Recreation, Tourist Visitors and Accommodation, Paro, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Number of children park	1	1	1	1	1	1
Number of hotels	n.a	n.a	n.a	71	237	256
Number of restaurants	n.a	n.a	n.a	271	2143	2279
Number of drayangs	n.a	n.a	5	5	5	5
Number of discotheques	n.a	2	2	2	2	3
Number of foreign tourist visitors	n.a	n.a	n.a	n.a	n.a	n.a

Source: Administration Office, Paro Dzongkhag and RTIO, Thimphu

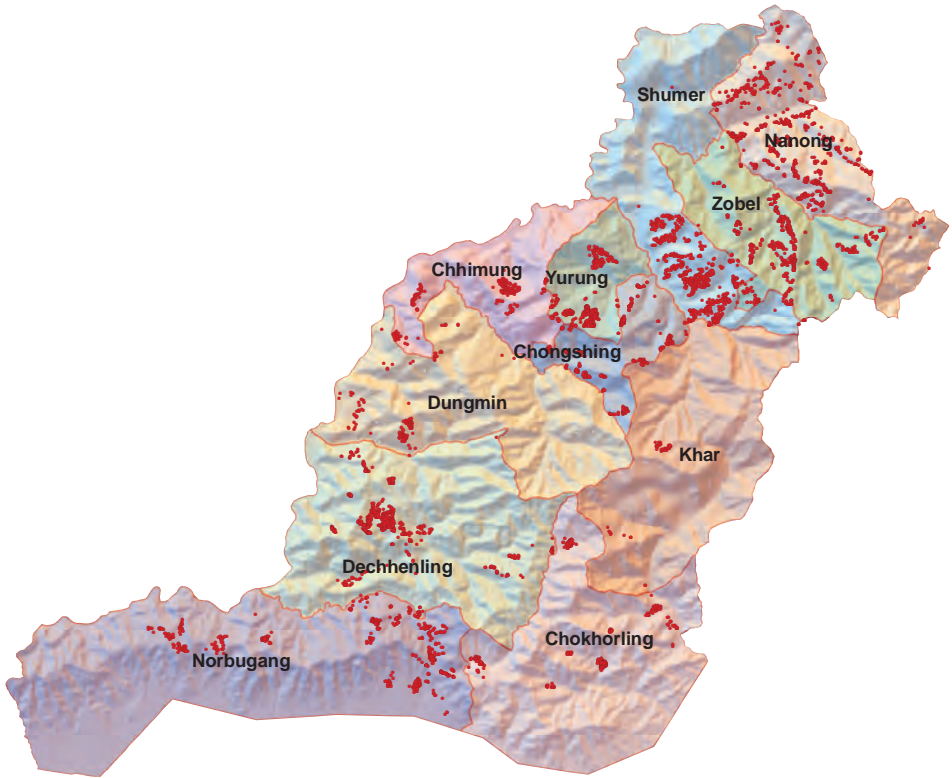
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PEMA GATSHEL DZONGKHAG



SETTLEMENTS

Scale :1:200,000



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Preface

The Annual Dzongkhag Statistics of Pemagatshel is the third in the series of publications. It attempts to provide comprehensive statistics of Pemagatshel Dzongkhag and will be published annually.

The report contains statistics on demographic and socio-economic, environment, culture, local governance and infrastructures of the Dzongkhag. The statistical data for this publication are collected and compiled from various sectors and through primary sources.

We hope that this report will serve as a source of information and guiding tool for micro-level planning and decision-making in the Dzongkhag. Statistics office, Pemagatshel would like to thank and acknowledge the support and cooperation of all sector heads concerned for providing timely information for this report. Without their support, this publication would not have been possible. Through this initiative, we also hope that the maintenance of sectoral information and updation in the Dzongkhag will become more systematic and efficient henceforth.

Since this report is the third publication and with information source being from numerous sectors, we expect there may be certain deficiencies in terms of coverage and updation. However, there will be continuous efforts made to improve its coverage and quality in our future publications. Your comments and suggestions in this regard will be highly appreciated.

Dzongkhag Statistics Units, Pemagatshel

Background

Pemagatshel declared as separate Dzongkhag after 1974 from Monger Dzongkhag. This Dzongkhag covers an area of about 1030.04 Sq.Km with an elevation ranging from 1000-3500 meters above the sea level. The Dzongkhag has 54% of forest coverage and about 45% of land cultivates area. It has eleven Gewogs, namely, Chhimoong, Chhoekhorling, Chongshig, Dechhenling, Dungmaed, Khar, Nanong, Norboogang, Shumar, Yurung and Zobel. It Shares border of Tashigang on north & north-east, Mongar on north-west, Zhemgang on west & Samdrup Jongkhar on south & south-east.

Pemagatshel has 56 Chiwogs and 157 villages as per the Bhutan election boundary describes. There are total 5,344 households; 501 house hold of urban and 4,843 house hold at rural in 2012. The total Projected population of this Dzongkhag as per PHCB 2005 is 24,363; 12,036 are males and 12,362 are females in 2012. The population density is 24 Persons per Sq. Km. There are 268 protected water schemes in the Dzongkhag to facilities drinking water.

Within 10th FYP, the most of the Gewog/villages road are connected and this accessibility has brought manifold changes in the socio-economic development of Pemagatshel.

The Dzongkhag has moderate climatic condition and quite hot at lower altitude in summer.

Most of the cultivated land is under Tseri cultivation. The maize is the main cereals crops of this Dzongkhag. Other crops like oranges, potatoes, and subtropical fruits and vegetables are cultivated in most of villages. The main sources of income

Annual Dzongkhag Statistics, 2012 : Pema Gatshel

for the people of Pemagatshel are from; Agriculture, livestock and small scale business on consumer items.

The gypsum mining and the gypsum power factory at Khothakpa under Shumar Gewog provide employment for unskilled laborers during off season. This mining industry also contributes sustainable revenue to the government of Bhutan.

Pemagatshel total road network of 281 Km including 23 Km of Primary highway road from Tshelinghor to Pemagatshel (Market). It has a total of 31 Schools, out of which 2 are Higher Secondary School ,1 is Middle Secondary School, 6 are Lower Secondary school, 22 are Community Primary Schools There are 37 NFE Centers and over 571 NFE Learners and 37 NFE Instructors. It has one hospital, 12 BHUs, 3 Indigenous units.

As of 2012, there are 245 households with internet access, 517 household are connected with fixed telephone line and all the Gewog are accessible to mobile services.

Abbreviations

%: Percent	HSS: Higher Secondary School
< : Less than	Inst: Institute
> : Greater than	Kg: Kilogram
AIDS: Acquired Immune Deficiency Syndrome	LFS: Labor Force Survey
Avg: Average	LSS: Lower Secondary School
BHU: Basic Health Unit	Max: Maximum
BLSS: Bhutan Living Standard Survey	Min: Minimum
Cft: Cubic Feet	MSS: Middle Secondary School
CPS: Community Primary school	n.a: Not Available
DPTH: Diphtheria Parthuisis Tetanus Hepatitis B	N.A: Not Applicable
DYT: Dzongkhag Yargye Tsogdue	NFE: Non Formal Education
FYP: Five Year Plan	Nu: Ngultrum
GDP: Gross Domestic Product	ORC: Outreach Clinic
GIS: (Infrastructure mapping): Geographical Infrastructure System	PAR: Poverty Analysis Report
Gm: Gram	PHCB: Population and Housing Census of Bhutan
GYT: Gewog Yargye Tshogchung	PP: Pre Primary
HIV: Human Immune Virus	PS: Primary School
Hr: Hour	Pvt: Private
	Qty: Quantity
	Sq. Km: Square Kilometer
	SYB: Statistical Yearbook
	TV: Television

Table 1. Population by Age-Group and Sex, Pemagatshel, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	13,864	22,585	22,817	23,179	23,476	23,777	24,075	24,363
0-4	1,362	2,394	2,538	2,680	2,818	2,953	2,926	2,893
5-9	1,561	2,352	2,285	2,227	2,178	2,137	2,281	2,423
10-14	1,749	2,531	2,486	2,434	2,381	2,329	2,259	2,199
15-19	1,886	2,487	2,490	2,489	2,481	2,464	2,435	2,396
20-24	1,030	2,332	2,347	2,358	2,368	2,377	2,387	2,394
25-29	896	2,089	2,126	2,158	2,187	2,212	2,235	2,253
30-34	635	1,737	1,792	1,849	1,904	1,954	1,998	2,038
35-39	641	1,451	1,486	1,521	1,561	1,606	1,658	1,714
40-44	584	1,179	1,218	1,259	1,301	1,341	1,378	1,415
45-49	709	971	994	1,018	1,046	1,077	1,113	1,152
50-54	624	801	820	841	862	884	907	930
55-59	541	657	670	684	700	716	735	754
60-64	521	531	540	550	561	573	585	599
65+	1,125	1,072	1,090	1,110	1,131	1,153	1,178	1,203
Male	6,856	11,241	11,373	11,511	11,646	11,782	11,912	12,036
0-4	705	1,139	1,208	1,277	1,345	1,410	1,397	1,381
5-9	765	1,125	1,091	1,063	1,039	1,019	1,088	1,156
10-14	868	1,221	1,197	1,171	1,144	1,118	1,082	1,051
15-19	984	1,217	1,213	1,209	1,202	1,191	1,174	1,153
20-24	497	1,178	1,178	1,175	1,172	1,170	1,168	1,166
25-29	454	1,074	1,091	1,105	1,116	1,125	1,129	1,130
30-34	331	904	930	957	983	1,007	1,027	1,045
35-39	290	757	776	795	815	838	863	889
40-44	239	607	629	653	677	699	719	738

45-49	331	495	507	520	535	552	572	594
50-54	333	407	416	427	438	449	461	473
55-59	264	331	338	345	353	362	371	380
60-64	255	265	270	275	280	286	292	299
65+	540	521	529	539	547	558	569	581
Female	7,008	11,344	11,444	11,668	11,830	11,995	12,163	12,362
0-4	657	1,255	1,330	1,402	1,474	1,543	1,529	1,513
5-9	796	1,227	1,193	1,164	1,139	1,119	1,193	1,267
10-14	881	1,310	1,289	1,264	1,237	1,212	1,177	1,148
15-19	902	1,270	1,277	1,280	1,279	1,273	1,261	1,244
20-24	533	1,154	1,169	1,183	1,196	1,208	1,219	1,228
25-29	442	1,015	1,035	1,053	1,070	1,088	1,106	1,123
30-34	304	833	862	891	920	947	971	993
35-39	351	694	710	727	746	769	795	824
40-44	345	572	589	606	624	642	659	676
45-49	378	476	487	498	511	525	541	558
50-54	291	395	404	414	424	435	446	457
55-59	277	326	332	339	347	355	364	374
60-64	266	266	207	275	281	287	293	300
65+	585	551	560	572	582	594	609	621

Note: Figures for the year 2006 onwards are based on the projected population
 Source: Population & Housing Census of Bhutan, 2005

Table 2. Population, Density and Sex Ratio, Pemagatshel, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	13,864	22,583	22,880	23,179	23,478	23,777	24,075	24,363
Population density (Persons per Sq. Km)	-	-	22	23	23	23	23	24
Population sex ratio	98	99	99	99	98	98	98	98

Source: Dzongkhag Population Projection 2006-2015

Table 3. Total Number of Live Births, Deaths, Marriages and Divorces, Pemagatshel, (2008 ~ 2010)

Age-group	2008	2009	2010
Live births	315	414	442
Male	150	175	197
Female	165	239	245
Total deaths	35	24	15
Male	14	10	7
Female	21	14	8
Infant deaths	6	3	5
Male	3	1	2
Female	3	2	3
Marriages certificate issued	41	50	58
Number of divorces	20	45	57

ω

Source: Dzongkhag Health Sector & Court, Pemagatshel Dzongkhag

Table 4. Adolescent Birth rate and Total fertility rate, Pemagatshel, (2010)

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	163
Total fertility rate	4

Source: BMIS, 2010

Table 5. Early Childbearing, Pemagatshel, (2010)

Percentage of women age 15-19 who have had livebirth or who are pregnant with the first child; percentage of women age 15-19 who have begun childbearing before age 15, and the percentage of women age 20-24 who have had a live birth before age 18.

Details	2010
% of women age 15~19	
Have had a live birth	22
Are pregnant with first child	0
Have begun childbearing	21.6
Have had a live birth before 15	5.4
Number of women age 15~19	53
% of women age 20~24 who have had a live birth before age 18	17.2
Number of women age 20~24	76

4 Source: BMIS, 2010

Table 6. Use of Contraception, Pemagatshel, (2010)

Details	2010
Not using any method	44.3
Percent of women (currently married or inunion) who are using	
Female sterilization	3
Male sterilization	13
IUD	1.6
Injectables	28
Implants	0.3
Oral contraceptive Pill	6.1
Male condom	3.8
Female condom	0
Foam/ jelly	0
Lactational amenorrhoea method (LAM)	0
Periodic abstinence/ rhythm	0
Withdrawal	0
Other	0.4
Any modern method	55.7
Any traditional method	0
Any method	55.7
Number of women currently married or in union	373

Source: BMIS, 2010

Table 7. Antenatal Care Provider, Pemagatshel, (2010)

Percent Distribution of Women Aged 15~49 Who Gave Birth in The Survey by Type of Personnel Providing Antenatal Care.		2010
Details		
Persons providing antenatal care		
Doctor		13.7
Nurse/ midwife		37.2
HA/ BHW		33.9
Assistant clinical officer (ACO)		0
Traditional birth attendant		0
Village health worker		0
Other/ missing		2.1
No antenatal care received		13
Total		100
At Least once by skilled personnel		84.8
Number of women who gave birth in the preceding 2 years		94

Source: BMIS, 2010

Table 8. Number of Antenatal Care Visits, Pemagatshel, (2010)

Percentage of Women Who had a Live Births During the Two Years Preceding the Survey by Number of Antenatal Care Visits by Any Provider.		2010
Details		
Percent of women who had		
No antenatal care visits		13
1 Visits		2
2 Visits		4
3 Visits		9.3

4 or more visits	70.4
Missing/ DK	1.2
Total	100
Number of women who gave birth in the preceding 2 years	94

Source: BMIS, 2010

Table 9. Assistance During Delivery, Pemagatshel, (2010)

Percent Distribution of Women age 15-49 Who had a Live Birth in the Two Years Preceding the Survey by Person Assisting, at Delivery and Percentage of Births Delivered by C-section.	2010
Details	
Person assisting at delivery	
Doctor	20.5
Nurse / Midwife	17.7
HA/BHW	4.6
Ast. clinical officer (ACO)	0
Traditional birth attendant	1.7
Village health worker	1
Relative / friend	53.8
Other/missing	0.8
No attendant	0
Total	100
Any skilled personnel	42.7
Percent delivered by C-section	5.7
Number of women who gave birth in preceding two years	94

Source: BMIS, 2010

Table 10. Place of Delivery, Pemagatshel (2010)
 Percent Distribution of Women age 15-49 With a Birth in Two Years Preceding the Survey by Place of Delivery.

Details	2010
Place of delivery	
Public sector health facility	45.1
Private sector health facility	0
Home	54.9
Other	0
Total	100
Delivered in health facility [1]	45.1
Number of women who gave birth in preceding two years	94

Source: BMIS, 2010

Table 11. Health Infrastructures, Facilities and Personnel, Pemagatshel, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Number of hospitals	1	1	1	1	1
Number of BHUs	9	12	12	12	12
BHU grade I	1	1	1	1	1
BHU grade II	8	11	11	11	11
Number of ORCs	33	32	34	34	34
Number of indigenous units	1	2	2	2	2
Number of doctors	2	2	2	2	3
Number of hospital/BHU beds	n.a	63	63	63	63
Persons per doctor	11409	11590	11738	12037.5	8121
Persons per hospital bed	n.a	357	361	382.1	386.71
Total morbidity attendance	n.a	n.a	463	402	n.a
Health assistants	12	15	15	17	n.a
Basic health workers	7	7	6	8	n.a
Sister and nurses	8	9	9	10	n.a
Technicians	8	9	11	12	n.a
Indigenous dungtsho	1	1	1	2	n.a
Indigenous compounders/Menpas	1	1	2	2	n.a
Malaria workers	3	3	3	3	n.a
Village health workers	60	60	64	64	n.a
Number of children immunized					
Polio	725	804	381	449	n.a
DPTH	409	804	381	417	n.a
Measles	429	482	433	438	n.a
BCG	n.a	n.a	380	389	n.a
Others	391	383	386	315	n.a

Source: Dzongkhag Health Sector, Pemagatshel, Dzongkhag

Table 12. Hospital Admission and Average Length of Stay, Pemagatshel, (2007 ~ 2011)

Average admission	2007	2008	2009	2010	2011
Hospital admission					
Total	1423	1298	999	970	n.a
Patient days	3512	3458	3389	3186	n.a
Average days	4	3.5	3.4	3.3	n.a
BHU admission	364	345	306	254	n.a

Source : Annual Health Bulletin, MoH

Table 13. Number of surgeries, Pemagatshel, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Surgeries					
Caesarian Section	0	0	0	0	n.a
General Abdominal	0	0	0	0	n.a
General Others	3	11	15	2	n.a
Orthopaedic extremities	0	0	0	5	n.a
Orthopaedic Others	0	5	17	n.a	n.a
Gynaecology	0	0	0	0	n.a
ENT	0	0	0	0	n.a
Eye	0	0	0	0	n.a

Source: Annual Health Bulletin, MoH

Table 14. Number of Dental Services, Pemagatshel, (2007 ~ 2011)

Dental Services	2007	2008	2009	2010	2011
Prophylaxis	33	34	39	50	n.a
Scaling	3	2	6	2	n.a
Fillings	313	377	383	612	n.a
Extractions	217	294	443	492	n.a
Others	180	195	283	301	n.a

Source: Annual Health Bulletin, MoH

Table 15: Number of Top Ten Morbidity, Pemagatshel, 2011

Priority health problem/ Disease	No. of cases	2011
Name of Diseases		
Common Cold	9503	
Skin Infections	3524	
Other disease of skin & Subcutaneous tissue	3275	
Other Musculo-Skeletal disorders	3049	
Peptic Ulcer Syndrome	2544	
Other Disease of Digestive System	2198	
Other Nervous including Peripheral Disorders	1558	
Diarrhoea	1557	
Acute Pharyngitis/ Tonsillitis	1346	
Hypertension	1335	

Source: Annual House to house survey 2012, Annual Activity report 2011, Annual Morbidity report 2011, District Health Sector, Pemagatshel.

Table 16. Child Disability, Pema Gatshel, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	1.6
Difficulty seeing, either in the daytime or at night	2.1
Appears to have difficulty hearing	0.6
No understanding of instructions	7.3
stiffness	0.8
Have fits, become rigid, lose consciousness	1.1
Not learning to do things like other children his/her age	5.8
No speaking cannot be understood in words	11.2
Appears mentally backward, dull, or slow	1.1
Speech is not normal	0.5
Number of children aged 3-9 years	336
Cannot name at least one object	16.4
Number of children aged 2 years	54
reported disability*	20.1
Number of children aged 2-9 years	390

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Pemagatshel, (2010)

Percentage of children under age 5 by nutritional status according to three anthropometric indices: weight for age, height for age, and weight for height.

Nutritional Status	2010
Weight for age: % below -2 sd [1]	19.8
Weight for age: % below -3 sd [2]	6.6
Weight for age: Mean Z-Score (SD)	-1.1
Weight for age: Number of children	196
Height for age: % below -2 sd [3]	44.9
Height for age: % below -3 sd [4]	19.1
Height for age: Mean Z-Score (SD)	-1.8
Height for age: Number of children	158
Weight for height: % below -2 sd [5]	2.6
Weight for height: % below -3 sd [6]	0.2
Weight for height: % above +2 sd	17.7
Weight for height: Mean Z-Score (SD)	0.6
Weight for height: Number of children	167

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Pemagatshel, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey Who Were Ever Breastfed, Percentage Who Were Breastfed Within One Hour of Birth and

Initial Breastfeeding	2010
Percentage ever breastfed	96.9
Percentage who were first breastfed: Within one hour of birth	77.4
Percentage who were first breastfed: Within one day of birth	93.9
Percentage who received a prelacteal feed	3
Number of last-born children in the two years preceding the	94

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Pemagatshel, (2010)

Median duration of any breastfeeding, exclusive breastfeeding, and predominant breastfeeding among children age 0-35 months.

Duration of Breastfeeding	2010
Median duration (in months) of Any breastfeeding	27.6
Exclusive breastfeeding	4.4
Predominant breastfeeding	10.3
Number of children age 0-35 months	139

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Pemagatshel, (2010)

Percentage of Last-Born Children in the 2 Years Preceding the Survey That are Estimated to Have Weighed Below 2500 Grams at Birth and Percentage of Live

Low Birth Weight Infants	2010
Percent of live births Below 2500 grams Weighed at birth	9.3
Number of live births in the last 2 years	72.7
	94

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Pemagatshel(2010)
 Percentage of women age 15-49 years with a live birth in the last 2 years protected against neonatal tetanus.

Neonatal Tetanus Protection	2010
Pregnancy during last pregnancy but received 2 doses, the last within prior 3 years	52.3
3 doses, the last within prior 5 years	31.5
4 doses, the last within prior 10 years	30
5 or more doses during lifetime	0.8
Protected against tetanus [1]	0.7
Number of women with a live birth in the last 2 years	0
	83.8
	94

Source: BMIS, 2010

Table 22. Solid Fuel Use, Pemagatshel, (2010)
Percentage Distribution of Household Members According to Type of Cooking Fuel Used by the Household, and Percentage of Household Members Living in Households

Solid Fuel Use	2010
Percentage of household members in households using Electricity	18.7
Liquefied Petroleum Gas (LPG)	15.7
Kerosene	0.1
Coal	0.3
Wood	65.2
Straw/Shrubs/Grass	0
No food cooked in household	0
Other	0
Total	100
Solid fuels for cooking	65.5
Number of household members	2627

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Pemagatshel, (2010)
 Percent distribution of household population according to main source of drinking water and percentage of household population using improved drinking

Water Sources	2010
Main source of drinking water	100
Improved sources	96.3
Piped into dwelling	7.2
Piped into compound	67.6
Piped to neighbor	12.1
Public outdoor tap	6.3
Protected well	1.8
Spring	1.2
Rainwater collection	0.1
Bottled water	0
Unimproved sources	3.7
Unprotected well	0
Unprotected spring	0.4
Tanker-truck	0
Cart with small tank/drum	0
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	3.3
Other	0
Total	100
Percentage using improved sources of drinking water	96.2
Number of household members	2627

Source: BMIS, 2010

Table 24. Household Water Treatment, Pemagatshel, (2010)
 Percentage of Household Population by Drinking Water Treatment Method Used in the Household, and for Household Members Living in Households Where an

Water Treatment	2010
Water treatment method used in the household	
None	29.1
Boil	63.6
Add bleach / chlorine	0.6
Strain through a cloth	4.5
Use water filter	9.4
Solar disinfection	1.5
Let it stand and settle	24.3
Other	0
Don't know	0
Number of household members	2627
drinking water sources and using an appropriate water treatment	74.2
drinking water sources	99

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Pemagatshel, (2010)
 Percent Distribution of Household Population According to Time to go to Source of Drinking Water, Get Water and Return, for Users of Improved and Unimproved

Time to Source of Drinking Water	2010
Time to source of drinking water	
Users of improved drinking water sources	96.2
Water on premises	90.7
Less than 30 minutes	5
30 minutes or more	0.5
Missing/DK	0
Users of unimproved drinking water sources	3.8
Water on premises	0.5
Less than 30 minutes	1.7
30 minutes or more	1.6
Missing/DK	0
Total members	100
	2627

Source: BMIS, 2010

Table 26. Types of Sanitation Facilities, Pemagatshel, (2010)

Percent Distribution of Household Population According to Type of Toilet Facility Used by the Household

Time to Source of Drinking Water	2010
Type of toilet facility used by household	
Improved sanitation facility	33.3
Flush toilet	1.8
Flush to septic tank (Without soak pit)	22.4
Flush to pit (latrine)	1.9
Flush to unknown place/not sure/DK where	0
Flush to septic tank (with soak pit)	1.6
Ventilated Improved Pit latrine (VIP)	0
Pit latrine with slab	5.6
Composing toilet	0
Unimproved sanitation facility	62.6
Flush to somewhere else	0.1
Pit latrine without slab /open pit	55.2
Long drop latrine	1.9
Bucket	5.4
Other	0
Missing	0
Open defecation (no facility, bush, field)	
No facility, bush, field	4.3
Total	100
Number of household members	2627

Source: BMIS, 2010

Table 27. Number of Schools, Institutions, Teachers and Students, Pemagatshel, (2008 ~ 2012)

Details	2008										Total
	CPS	PS	LSS	MSS	HSS	College	Pvt.	Other Inst.	NFE Centres	Daycare Centres	
Number of schools and institutions	22	0	6	2	1	0	0	0	44	0	75
Teaching staff	83	0	69	34	14	0	0	0	44	0	244
Bhutanese											
Male											20
Female											22
Non-Bhutanese	0	0	5	9	11	0	0	0	0	0	25
Male	0	0				0	0	0	0	0	0
Female	0	0				0	0	0	0	0	0
Temporary teachers	12	0	4	0	1	0	0	0	0	0	17
Male											0
Female											0
Number of students	2174	0	2452	1161	586	0	0	0	716	0	7089
Male	1120	0	1263	669	339	0	0	0	104	0	3495
Female	1054	0	1189	492	247	0	0	0	624	0	3606
Student to teacher ratio	22.9	0.0	31.4	27.0	22.5	0.0	0.0	0.0	16.3	0.0	22.6
2009											
Number of schools and institutions	22	0	6	2	1	0	0	0	42	0	67
Teaching staff	91	0	82	31	19	0	0	0	42	0	265
Bhutanese											
Male	91	0	82	31	17	0	0	0	23	0	244
Female	0	0	0	0	2	0	0	0	19	0	21
Non-Bhutanese	1	0	4	7	5	0	0	0	0	0	17
Male	1	0	4	7	5	0	0	0	0	0	17

Bhutanese	0	102	92	32	38	0	0	0	0	0	264
Male	0	91	64	20	29	0	0	0	0	0	204
Female	0	11	28	12	9	0	0	0	0	0	60
Non-Bhutanese	0	1	5	3	12	0	0	0	0	0	21
Male	0	1	3	3	9	0	0	0	0	0	16
Female	0	0	2	0	3	0	0	0	0	0	5
Temporary teachers	0	11	2	0	1	0	0	0	0	0	14
Male	0	11	2	0	1	0	0	0	0	0	14
Female	0	0	0	0	0	0	0	0	0	0	0
Number of students	0	2069	2451	767	1106	0	0	0	0	0	6393
Male	0	1061	1212	411	556	0	0	0	0	0	3240
Female	0	1008	1239	356	550	0	0	0	0	0	3153
Student to teacher ratio	0	18.1	24.8	24.0	21.7	0.0	0.0	0.0	0.0	0.0	24.2
2012											
Number of schools and institutions	0	22	6	1	2	0	0	0	0	33	66
Teaching staff	0	131	103	32	55	0	0	0	0	35	321
Bhutanese	0	99	94	28	46	0	0	0	0	35	267
Male	0	87	67	15	34	0	0	0	0	12	203
Female	0	12	27	13	12	0	0	0	0	23	64
Non-Bhutanese	0	0	3	4	8	0	0	0	0	0	15
Male	0	0	3	3	5	0	0	0	0	0	11
Female	0	0	0	1	3	0	0	0	0	0	4
Temporary teachers	0	32	6	0	1	0	0	0	0	0	34
Male	0	20	4	0	1	0	0	0	0	0	22
Female	0	12	2	0	0	0	0	0	0	0	12
Number of students	0	1878	2576	753	1117	0	0	0	0	414	6738
Male	0	967	1300	405	615	0	0	0	0	53	3340
Female	0	911	1276	348	502	0	0	0	0	361	3398
Student to teacher ratio	0	14.3	25.0	23.5	20.3	0.0	0.0	0.0	0.0	13.8	21.0

Source: Dzongkhag Education Sector, Pemagatshel Dzongkhag

Table 28. School Enrolment by Grade and Sex, Pemagatshel, (2008~2012)

Class	2008	2009	2010	2011	2012
Primary level					
Total	4,011	3,971	3,871	3,904	3,690
Class PP	612	585	515	504	371
Class I	588	587	571	545	505
Class II	548	575	592	566	571
Class III	563	560	586	602	554
Class IV	612	554	489	609	644
Class V	519	547	549	500	563
Class VI	569	563	569	558	482
Male	1,997	2,106	1,952	1,971	1,899
Class PP	320	315	247	254	187
Class I	297	311	297	265	257
Class II	276	316	318	293	280
Class III	279	295	322	317	291
Class IV	299	307	231	320	349
Class V	243	260	272	251	293
Class VI	283	302	265	271	242
Female	1,997	1,865	1,919	1,933	1,791
Class PP	292	270	268	253	184
Class I	261	276	274	289	248
Class II	272	259	274	270	291
Class III	284	265	264	275	263
Class IV	326	247	258	287	295
Class V	276	287	277	253	270
Class VI	286	261	304	306	240
Secondary level					
Total	2,368	2,323	2,410	2,533	2,638
Class VII	583	550	495	596	593
Class VIII	484	473	557	460	567
Class IX	437	503	525	570	507
Class X	541	463	460	506	530
Class XI	162	165	203	205	223
Class XII	161	169	170	196	218
Male	1,378	1,354	1,328	1,344	1,386
Class VII	325	300	220	273	292
Class VIII	278	290	292	206	265
Class IX	239	238	285	301	238
Class X	326	321	273	279	290
Class XI	109	102	139	147	146
Class XII	101	103	119	138	155
Female	991	969	1,072	1,189	1,252
Class VII	258	250	275	323	299
Class VIII	206	183	255	254	304
Class IX	199	265	240	269	269
Class X	215	142	187	227	240
Class XI	53	63	64	58	77
Class XII	60	66	51	58	63

Source: Dzongkhag Education Sector, Pemagatshel Dongkhag

Table 29. Student by Age-Group, Sex and by Level, Pemagatshel, (2008~2012)

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total	4,011	3,971	3,826	3,904	3,690
Age < 6 years	450	158	67	71	56
Age 6-12 years	3,521	3,098	3,209	3,257	3,160
Age 13 & above	540	715	550	576	474
Male	1,997	2,106	1,927	1,971	1,880
Age < 6 years	280	91	35	38	29
Age 6-12 years	1,453	1,602	1,627	1,646	1,619
Age 13 & above	264	413	265	287	232
Female	1,997	1,865	1,899	1,933	1,810
Age < 6 years	260	67	32	33	27
Age 6-12 years	1,461	1,496	1,582	1,611	1,541
Age 13 & above	276	302	285	289	242
Student in LSS level (Class VII-VIII)					
Total	1,067	1,064	1,052	1,056	1,160
Age < 13 years	42	95	19	40	130
Age 13-14 years	498	468	489	358	470
Age 15 & above	527	501	544	658	560
Male	603	558	512	479	560
Age < 13 years	26	47	8	14	59
Age 13-14 years	250	279	215	160	221
Age 15 & above	327	232	289	305	280
Female	464	506	530	577	600
Age < 13 years	16	48	11	26	71
Age 13-14 years	248	189	274	198	249
Age 15 & above	200	269	255	353	280
Students in MSS level (Class IX-X)					
Total	978	906	985	1,076	1,037
Age < 15 years	11	46	19	37	32
Age 15-16 years	259	199	320	241	357
Age 17 & above	708	661	646	798	646
Male	565	531	558	580	527
Age < 15 years	8	18	8	19	13
Age 15-16 years	165	121	175	119	179
Age 17 & above	392	392	375	443	335
Female	413	375	427	496	510
Age < 15 years	3	28	11	18	19
Age 15-16 years	94	78	145	123	180
Age 17 & above	316	269	271	355	311

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Students in HSS level (Class XI-XII)					
Total	323	353	373	401	441
Age < 17 years	4	3	3	0	47
Age 17-18 years	42	40	42	56	177
Age 19 & above	277	310	328	345	217
Male	210	215	258	285	301
Age < 17 years	3	1	0	0	27
Age 17-18 years	22	20	41	42	110
Age 19 & above	185	194	217	243	164
Female	113	114	115	116	140
Age < 17 years	1	2	0	0	20
Age 17-18 years	20	23	1	14	67
Age 19 & above	88	89	111	102	53

Source: Education Sector, Pemagatshel Dzongkhag

Table 30. Literacy Among Young Women, Pemagatshel, (2010)

Literacy Among Young Women	2010
Percentage literate	43.7
Percentage not known	0
Number of women age 15-24 years	129

Source: BMIS, 2010

Table 31. School Readiness, Pemagatshel, (2010)

Percentage of children attending first grade of primary school who attended pre-school the previous year.

School Readiness	2010
Percentage of children attending first grade who attended preschool in previous year	0
Number of children attending first grade of primary school	48

Source: BMIS, 2010

Table 32. Primary School Entry, Pemagatshel, (2010)

Percentage of Children of Primary School Entry Age Entering Grade 1 (net intake rate)

Primary School Entry	2010
Percentage of children of primary school entry age entering grade 1	83.2
Number of children of primary school entry age	49

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Pemagatshel, (2010)

Percentage of children entering first grade of primary school who eventually reach the last grade of primary school (Survival rate to last grade of primary school)

Details	2010
Percent attending grade 1 last year who are in grade 2 this year	100
Percent attending grade 2 last year who are attending grade 3 this year	100
Percent attending grade 3 last year who are attending grade 4 this year	100
Percent attending grade 4 last year who are attending grade 5 this year	99
Percent attending grade 5 last year who are attending grade 6 this year	100
Percent who reach grade 6 of those who enter grade 0	99

Source: BMIS, 2010

Table 34. Education Gender Parity, Pemagatshel, (2010)

Education gender parity Ratio of adjusted net attendance ratios of girls to boys, in primary and secondary school

Education Gender Parity	2010
Primary school adjusted net attendance ratio (NAR), girls	97.5
Primary school adjusted net attendance ratio (NAR), boys	94.1
Gender parity index (GPI) for primary school adjusted NAR	1.04
Secondary school adjusted net attendance ratio (NAR), girls	54.2
Secondary school adjusted net attendance ratio (NAR), boys	63.4
Gender parity index (GPI) for secondary school adjusted NAR	0.86

Source: BMIS, 2010

Table 35. Summary of Crime Reports by Nature of Crime, Pemagatshel, (2009-2011)

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy			1
Homicide	0	0	1
Assault,battery and related offences	10	9	11
Kidnapping and related offences	0	0	0
Sexual offence	1	4	2
Offence against infant,child,mentally disabled and incompetent person	0	0	0
Arson and related offences	0	0	0
Burglary, trespass and related offences	1	3	1
Larceny,robbery, armed robbery and related offences	0	2	8
Money laundering and smuggling	0	0	0
Embezzlement and bribery	0	0	0
Forgery and related offences	0	0	1
Defamation and related offences	0	0	1
Treason,terrorism and related offences	0	0	0
Offences against cultural and national heritage	0	1	7
Offences against judicial authority	0	0	0
Prostitution and related offences	0	0	0
Offences against the public welfare	0	0	1
Offences related to public and civic duties	0	0	0
Offences related to public order and tranquillity	0	0	0

Offences against privacy	0	0	0
Computer offences	0	0	0
Offences related to firearms and weapons	0	0	0
Offences related to protected species, controlled and other harmful substances	0	0	0
Motor vehicle offences	0	0	5
Others	0	0	0
Total crimes	12	19	39

Source: Royal Bhutan Police, Pemagatshel Dzongkhag

Table 36. Monthly Motor Vehicle Accidents, Pemagatshel, (2009~ 2011)

Month	(Incident)		
	2009	2010	2011
January	n.a	n.a	0
February	n.a	n.a	0
March	n.a	n.a	0
April	n.a	1	0
May	n.a	n.a	0
June	n.a	n.a	0
July	n.a	1	1
August	n.a	n.a	1
September	n.a	1	0
October	n.a	n.a	1
November	n.a	n.a	0
December	n.a	n.a	1
Total	n.a	3	4

Source: Royal Bhutan Police, Pemagatshel Dzongkhag

Table 37. Causes of Motor Vehicle Accidents, Pemagatshel, (2010~2011)

Details	(Incident)	
	2010	2011
Mechanical fault	0	0
Drunk driving	0	0
Bad weather	0	1
Without licence	1	0
Unknown causes	0	1
Other causes	2	2
All causes	n.a	n.a

Source: Royal Bhutan Police, Pemagatshel Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Pemagatshel, (2010)

Details	2010
Percentage of women age 15-49 years who believe a husband is justified in beating his wife/partner	
If goes out without telling him	30.2
If she neglects the children	34
If she argues with him	30.6
If she refuses sex with him	9.1
If she burns the food	24.8
For any of these reasons	56.4
Number of women age 15-49 years	489

Source: BMIS, 2010

Table 39. Land Area and Damages Caused by Types, Pemagatshel, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Dzongkhag area (Sq. Km)	1,030.04	1,030.04	1,030.04	1,030.04	1,030.04
Total cultivated land (Acres) ¹	13,904.21	n.a	32,427.45	32,427.45	32,427.45
Damages caused by landslides ²					
Farmland (acres)	n.a	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a	n.a
Damages caused by floods ²					
Farmland (acres)	n.a	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a	n.a
Crops affected by drought (acres)	n.a	n.a	n.a	n.a	n.a
Crops damaged by wild animals (acres)	n.a	n.a	n.a	n.a	n.a
Incidence of earthquake (Number of cases reported) ²	n.a	n.a	2	1	0
Houses damaged by earthquakes (Number)	n.a	n.a	326	184	0
Number of forest fires ³	2	0	1	0	0
Acreeage destroyed by forest fires	1200	0	1	0	0
Acreeage of reforestation ³	45	47.5	47.5	47.5	47.5
Houses/structures damaged by fires (Number) ³	0	1	0	0	0

Source: ¹Agriculture Sector, ²Environment Sector, ³ Forest Sector, Pemagatshel Dzongkhag

Table 40. Average Monthly Temperature (Degree Centigrade), Pemagatshel, (2010 & 2011)

Month/ Temperature	2010			2011		
	(Degree Celsius)			(Degree Celsius)		
	Maximum	Minimum	Average	Maximum	Minimum	Average
January	17	4	10	13.6	2.8	8.2
February	17	5	11	17	6.1	11.6
March	20	10	15	19.1	9	14.1
April	22	13	17	21.6	11.3	16.5
May	23	15	19	23.2	14.9	19.1
June	23	17	20	24.9	17.5	21.2
July	24	18	21	23.4	17.7	20.6
August	25	18	21	24	17.2	20.6
September	24	17	21	24.9	16.6	20.8
October	23	13	18	23.9	12.3	18.1
November	20	9	14	18.8	7.9	13.4
December	17	6	11	16.7	5.5	11.1
Annual	21	12	17	20.9	11.6	16.2

Source: SYB, NSB

Table 41. Average Monthly Rainfall, Pemagatshel, (2010 & 2011)

Month/ Monthly Rainfall	2010			2011		
	Station		Yurung	Station		Yurung
	Pemagatshel(Dungmin	0		Pemagatshel(༔Dungmin	0	
January	0	0	0	8.4	0	7
February	0	0	0	20.2	0	21.3.
March	107	216	100	52.6	84	68.4
April	210	67	246	40.2	10	45.3
May	146	183	183	95	89	50.7
June	392	128	473	185.5	135	150.8
July	462	899	445	360.4	608	364
August	194	344	282	141.6	344	185.5
September	148	333	98	117	246	121.8
October	34	30	35	0.2	0	0
November	2	0	0	8.8	0	2
December	0	0	0	0.2	0	0
Annual	1695	2200	1862	1030.1	1516	995.5

Source: SYB, NSB

Table 42. Percentage of Forest Coverage, Number of Protected Spring and Lakes, Pemagatshel, (2010)

Details	2010
Forest coverage (%) ²	54.0
Number of snow fall at Dzongkhag headquarter	0
Number of Protected spring water sources ¹	268
Number of Lakes ¹	2

Source: ¹Dzongkhag Forest Section, ²Tenth Plan Documents, GNHC

Table 43. Disposal of Childs Faeces, Pemagatshel, (2010)

Percent distribution of children age 0-2 years according to place of disposal of child's faeces, and the percentage of children age 0-2 years whose stools were

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	11.4
Put / Rinsed into toilet or latrine	53.8
Put / Rinsed into drain or ditch	24.4
Thrown into garbage (solid waste)	4.2
Buried	0
Left in the open	4.4
Other	1.8
Total	100
Percentage of children whose stools were disposed of safely	65.2
Number of children age 0-2 years	139

Source: BMIS 2010

Table 44. Parliamentary and Local Government Representatives, Pemagatshel, (2008 & 2011)

Details	2008	2011
Local governance (Number)		
Parliamentarians	4	4
Male	4	4
Female	0	0
Gups	11	11
Male	11	11
Female	0	0
Total gewog tshogpas ¹	80	56
Male	77	53
Female	3	3
Total Mangmis ¹	11	11
Male	11	11
Female	0	0
DYT members ²	23	23
Male	23	23
Female	0	0
GYT members ¹	102	78
Male	99	75
Female	3	3
Polling stations ²	52	52
Eligible voters (18 years and above) ²	18652	18934
Male	n.a	n.a
Female	n.a	n.a
% of Voters turnout during election	n.a	n.a
Male	n.a	n.a
Female	n.a	n.a
Total election staff in Dzongkhag	4	4
Male	2	2
Female	2	2

Source: ¹Gewog Administration, ²Election Sector, Pemagatshel Dzongkhag.

Table 45. Parliamentary and Local Government Election Expenditures, Pemagatshel, (2008 & 2011)

Details	Amount (Nu)
2008	
Parliamentarians (Number)	n.a
National council	n.a
National assembly	n.a
2011	
Local government	n.a
Gup	n.a
Mangmi	n.a
Tsogpa	n.a

Source: Election Office, Pemagatshel Dzongkhag

Note: Notable to provide

Table 46. Royal Government Finances Expenditures at Dzongkhag Level, Pemagatshel (2008~2012)

Details	In Millions							
	FY 2008-2009		FY 2009-2010		FY 2010-2011		FY 2011-2012	
	Current	Capital	Current	Capital	Current	Capital	Current	Capital
Sectors								
Adm & Management	n.a	n.a	n.a	n.a	33.980	0.002	302.577	6.330
Agriculture	n.a	n.a	n.a	n.a	127.031	121.124	54.144	46.122
Livestock	n.a	n.a	n.a	n.a	17.107	10.347	10.829	2.407
Forestry	n.a	n.a	n.a	n.a	5.568	1.400	6.932	2.353
Education	n.a	n.a	n.a	n.a	197.733	53.370		62.311
Health	n.a	n.a	n.a	n.a	37.045	11.701	241.348	225.398
Works & Human Settlement	n.a	n.a	n.a	n.a	50.769	41.349	74.931	64.747
Religion & Culture	n.a	n.a	n.a	n.a	13.476	12.584	24.160	22.771
Total	n.a	n.a	n.a	n.a	482.709	251.876	714.922	432.439

Source: Planning & Finance Section, Pemagatshel Dzongkhag

Table 47. Dzongkhag 9th and 10th Five Year Plan Outlays, Pemagatehl

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	15.3	13.1	n.a	43.4
Agriculture	17.5	8.2	n.a	6.3
Livestock	5.7	2.3	n.a	1.4
Forestry	148.3	149.4	n.a	309.5
Education	42.9	20.2	n.a	66.8
Health	0.5	60.9	n.a	103.0
Urban development & housing	7.2	-	n.a	n.a
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	3.0	n.a	n.a
Trade & industry	303.0	358.6	n.a	588.3
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a

Source: Dzongkhag Administration, Pemagatehl

Table 48. Dzongkhag 9th and 10th Five Year Plan Expenditures, Pemagatshel

Sectors	(in million Nu.)			
	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan expenditure	n.a	n.a	n.a	n.a

Source: Dzongkhag Administration, Pemagatshel

Table 49. Gewog 9th and 10th Five Year Plan Outlays, Pemagatshel
(In million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a

Source: Planning Unit, Pemagatshel Dzongkhag

Table 50. Gewog 9th and 10th Five Year Plan by Expenditures, Pemagatshel
(In million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	126.8	n.a	n.a
Agriculture	n.a	9.966	n.a	n.a
Livestock	n.a	21.892033	n.a	n.a
Forestry	n.a	10.446208	n.a	n.a
Education	n.a	270.841876	n.a	n.a
Health	n.a	49.914181	n.a	n.a
Urban development & housing	n.a	29.656562	n.a	n.a
Roads & bridges	n.a	n.a	n.a	n.a
Religion & cultural	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & Industry	n.a	0	n.a	n.a
Total	n.a	519.49716	n.a	n.a
Total plan outlay	n.a		n.a	n.a

Source:Dzongkhag Administration, Pemagatshel Dzongkhag

Table 51. Employed Persons by Age, Sex and Area of Residence, Pemagatshel, (2008 ~ 2012)

Details	(Number)				
	2008	2009	2010	2011	2012
Total	n.a	n.a	5700	9600	14,267
Male	n.a	n.a	2900	5200	6,750
Female	n.a	n.a	2800	4400	7,517
Rural Total	n.a	n.a	5200	8900	12,715
Male	n.a	n.a	2600	4800	5,883
Female	n.a	n.a	2600	4100	6,832
Urban Total	n.a	n.a	500	700	1,552
Male	n.a	n.a	300	500	867
Female	n.a	n.a	200	200	685

Source: Labour Force Survey, MoLHR

Table 52. Employment by Industries, Age Group and Sex, Pemagatshel, (2009 ~ 2012)

Details				
	2009	2010	2011	2012
Total labour force (Number)	4,350	6,800	10,100	14,320
Total employed (%)	94.8	82.4	0.95	99.6
Male	94.5	82.9	96.3	99.4
Female	95.2	81.8	93.6	99.9
Unemployment rate	5.2	17.6	5.0	0.4
Total employed in Agriculture (%)	50.1	44.6	50.0	70.6
Male	36.3	21.4	43.8	62.8
Female	68.2	23.2	56.3	77.5
Total employed in Industries (%)	18.4	39.3	23.7	18.2
Male	25.3	45.5	47.8	19.2
Female	9.3	54.5	52.2	17.2

Total employed in Services (%)	31.5	16.1	54.2	11.2
Male	38.4	66.7	80.8	17.9
Female	22.5	11.1	19.2	5.3
Total unemployed by area (%)	5.2	n.a	n.a	n.a
Urban	2.3	n.a	n.a	n.a
Rural	5.6	n.a	n.a	n.a
Total un-employed by education (%)	n.a	n.a	n.a	n.a
Total unemployed grade XII and above	n.a	n.a	n.a	n.a
Total unemployed below grade XII	n.a	n.a	n.a	n.a
Total under employed (%)	n.a	n.a	n.a	n.a
Employed by age-group (%)	n.a	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a	n.a
Unemployed by age-group (%)	n.a	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a	n.a
Labor force participation rate (%)	31.4	40.7	59.1	69.9
Male participation rate	8.8	43.2	62.8	69.8
Female participation rate	53.5	37.5	55.3	70

Source: Labour Force Survey, MoLHR

Table 53. Child Labour, Pemagatshel, (2010)

Percentage of Children by Involvement in Economic Activity and Household Chores During the Past Week, According to Age Groups, and Percentage of Children Age 5-14 Involved in Child Labour

Child labour	2010
Percentage of children age 5-11 involved in	
Economic activity	43.6
Working outside household	1
Paid work	0.1
Unpaid work	0.9
Working for family business	42.6
Economic activity for at least one hour	43.4
Household chores less than 28 hours	37.5
Household chores for 28 hours or more	0
Child labour	43.4
Number of children age 5-11	382
Percentage of children age 12-14 involved in	
Economic activity	54.8
Working outside household	2.2
Paid work	0.4
Unpaid work	1.8
Working for family business	52.6
Economic activity less than 14 hours	52.2
Economic activity for 14 hours or more	0.4
Household chores less than 28 hours	52
Household chores for 28 hours or more	0
Child labour	0.4
Number of children age 12-14	165
Total child labour [1]	30.4
Number of children age 5-14 years	547

Source: BMIS, 2010

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Table 54. Child Labour and School Attendance, Pemagatshel, (2010)

Percentage of children age 5-14 years involved in child labour who are attending school, and percentage of children age 5-14 years attending school who are involved in child labour

Child Labour and School Attendance	2010
Percentage of children involved in child labour	30.4
Percentage of children attending school	88.8
Number of children age 5-14 years	547
Percentage of child labourers who are attending school	96.9
Number of children age 5-14 years involved in child labour	166
Percentage of children attending school who are involved in child labour	33.2
Number of children age 5-14 years attending school	486

Table 55. Agriculture Production and Average Prices by Commodities, Pemagatshel, (2007 ~ 2010)

Details	2007	2008	2009	2010
Paddy				
Area (Acres)	1,011	215	125	50
Production (MT)	81,200	28,000	9,600	68
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Maize				
Area (Acres)	4,612	5,890	3,482	4,377
Production (MT)	476,300	549,400	328,300	4,024
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Wheat				
Area (Acres)	119	82	91	18
Production (MT)	88,000	70,000	10,000	10
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Barley				
Area (Acres)	670	141	46	26
Production (MT)	373,000	88,000	2,700	20
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Buckwheat				
Area (Acres)	2,293	623	574	506
Production (MT)	74,600	40,100	18,400	137
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Millet				
Area (Acres)	1,490	589	624	333
Production (MT)	55,600	37,000	29,300	130
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Fruits				
Apples				
Number of fruit bearing trees	415	500	390	502
Production (Kg)	4,000	16,160	5,000	6,000
Price per Kg(Nu.)	n.a	n.a	n.a	n.a

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Oranges/ Mandarin				
Number of fruit bearing trees	267,010	204,210	297,364	250,641
Production (Kg)	11,765,000	7,142,980	4,006,000	886,100
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Banana				
Number of fruit bearing trees	n.a	n.a	n.a	8,575
Production (Kg)	n.a	n.a	n.a	13,300
Price per Dozen(Nu.)	n.a	n.a	n.a	n.a
Pear				
Number of fruit bearing trees	2,369	300	245	240
Production (Kg)	98,000	16,300	11,000	800
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Plum				
Number of fruit bearing trees	2,725	820	958	721
Production (Kg)	154,000	70,600	31,000	2,300
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Areca Nut				
Production (Pon)	9,542	n.a	4,739	8,200
Production (Nu.)	1,240,460	n.a	734,545	n.a
Price per 80 Piece/ Pon(Nu.)	130	n.a	155	n.a
Vegetables and Spices				
Potato				
Production (kg)	964	787	352	100,200
Production (Nu.)	9,640	11,805	7,040	n.a
Price per Kg(Nu.)	10	15	20	n.a
Chili				
Production (kg)	234	482	139	17,000
Production (Nu.)	15,210	33,740	11,120	n.a
Price per Kg(Nu.)	65	70	80	n.a
Onion				
Production (kg)	232	n.a	6,000	600
Production (Nu.)	6,960	n.a	24,000	n.a
Price per Kg(Nu.)	30	n.a	40	n.a
Cabbage				
Production (kg)	53	n.a	100	4,000
Production (Nu.)	1,325	n.a	3,500	n.a
Price per Kg(Nu.)	25	n.a	35	n.a
Cauliflower				
Production (kg)	n.a	n.a	n.a	600
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Asparagus				
Production (Bundles)	n.a	n.a	n.a	100
Production (Nu.)	n.a	n.a	n.a	n.a
Price per bunddle (Nu.)	n.a	n.a	n.a	n.a
Tomato				
Production (Kg)	190	n.a	140	500
Production (Nu.)	5,700	n.a	5,600	n.a
Price per Kg(Nu.)	30	n.a	40	n.a

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Carrot				
Production (Kg)	n.a	n.a	50	n.a
Production (Nu.)	n.a	n.a	1,500	200
Price per Kg(Nu.)	n.a	n.a	30	n.a
Egg Plant (Brinjal)				
Production (Kg)	95	n.a	220	900
Production (Nu.)	2,850	n.a	11,000	n.a
Price per Kg(Nu.)	30	n.a	50	n.a
Raddish				
Production (Kg)	330	n.a	189	28,600
Production (Nu.)	3,300	n.a	2,835	n.a
Price per Kg(Nu.)	10	n.a	15	n.a
Ginger				
Production (Kg)	n.a	n.a	n.a	2,400
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Cardamom				
Production (Kg)	430	n.a	1,94	n.a
Production (Nu.)	344,000	n.a	291,000	n.a
Price per Kg(Nu.)	800	n.a	1,500	n.a
Garlic				
Production (Kg)	n.a	n.a	n.a	2,200
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Oil seeds and legumes				
Lentils				
Production (Kg)	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Mustards				
Production (Kg)	561	122	87	19
Production (Nu.)	44,880	10,980	8,700	n.a
Price per Kg(Nu.)	80	90	100	n.a
Beans				
Production (Kg)	202	n.a	115	10,000
Production (Nu.)	6,060	n.a	4,025	n.a
Price per Kg(Nu.)	30	n.a	35	n.a

Source: Agriculture Sector, Pemagatshel zongkhag

Table 56. Agriculture Infrastructures and Other Facilities, Pemagatshel, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Irrigation for agriculture	12.0	12.0	12.0	12.0	12.0	12.0
Number of irrigation channels	5	5	5	5	5	5
Functional	7	7	7	7	7	7
Non-Functional	18.1	18.1	18.1	18.0	18.0	18.0
Total length of channels (Km)	25.35	25.35	25.35	25.35	25.35	25.35
Area covered by irrigation	n.a	n.a	n.a	340	340	340
Number of households benefitted	265	265	265	265	265	265
Number of food processing units	n.a	33	33	33	33	33
Number of agriculture mills ¹	n.a	n.a	1	3	3	3
Number of livestock product	4	7	7	7	7	7
Number of farmer	4	4	4	4	4	4
Agriculture	3	3	3	3	3	3
Livestock	5	5	5	5	5	5
Forestry	3	5	5	5	5	5
Number of power tillers						

Note: ¹Including two traditional mills

Source: Agriculture Sector, Pemagatshel Dzongkhag

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Table 57: Livestock Population by Types, Pemagatshel, (2007~2010)

Details	2007	2008	2009	2010
Livestock (Number)	9245	8431	9107	
Cattle	6508	5303	5647	8889
Local breed	2258	1604	2417	3196
Male	4250	3699	3230	976
Female	2737	3128	3460	2220
Improved breed	609	656	792	5693
Male	2128	2472	2668	1604
Female	4	2	24	4089
Mithun	0	0	0	20
Bufallo	0	0	0	0
Male	0	0	0	0
Female	0	0	0	0
Horse	427	803	1431	888
Local breed	422	777	1420	874
Improved breed	5	26	11	14
Yak	0	0	0	0
Male	0	0	0	0
Female	0	0	3	0
Sheep	0	0	3	0
Local breed	0	0	0	0
Improved breed	1002	514	749	0
Pig	909	346	416	670
Local breed	93	168	333	364
Improved breed	5251	4297	15904	306
Poultry	4347	3661	14900	8118
Local breed	904	636	1004	5424
Improved breed	114	40	77	2694
Goat				42

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Pemagatshel Dzongkhag and for 2010, updated from Livestock Statistics, 2010, Department of Livestock, Thimphu

Table 58: Livestock Productions, Pemagatshel, (2007~2010)

Details	2007	2008	2009	2010
Livestock products				
Fresh Milk (Liters)	435383	714830	725038.6	1034810
Price per liter (Nu.)	28266	65245.4	44263.82	23
Butter (Kg)	69731	193361.25	76184.14	38250
Price per Kg (Nu.)	0	0	0	245
Fresh Cheese (Kg)	-			73480
Price per Kg (Nu.)	0	0	0	0
Processed cheese (kg)	0	0	0	0
Price per Kg (Nu.)	0	0	0	0
Eggs (dozen)	37533.4	35510.16	18248.46	38233.42
Price per piece (Nu.)	10	10	12	12.5
Fish (Kg)	-	-	-	-
Price per Kg (Nu.)	-	-	-	-
Beef (Kg)	-	6120	8826	49200
Price per Kg (Nu.)				170
Pork (Kg)	9232	7837	1854	13470
Price per Kg (Nu.)				160
Yak Meat (Kg)	N.A	N.A	N.A	N.A
Price per Kg (Nu.)	N.A	N.A	N.A	N.A
Mutton (Kg)	n.a	n.a	n.a	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a
Honey (Liters)	n.a	n.a	n.a	n.a
Price per liter (Nu.)	n.a	n.a	n.a	n.a
Chicken (Kg)	n.a	n.a	n.a	3400
Price per Kg (Nu.)	n.a	n.a	n.a	250

Source: Livestock Sector, Pemagatshel Dzongkhag, for 2010, updated from Livestock Statistics, 2010, Department of Livestock, Thimphu

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Table 59. Forestry Productions, Pemagatshel, (2007 ~ 2009)

Details	2007	2008	2009
Wood Forest Product ¹			
Log Form (Cft)	2,569	3,457	5,697
Price per Cft(Nu.)			
Fire wood (Cubic metres)	107	n.a	68
Price per Cubic metre(Nu.)			
Flag Poles (Number of trees)	1,281	2,345	4,789
Price per tree(Nu.)			
Shinglap (Number of trees)	60	19	16
Price per tree(Nu.)			
Cham (Number of trees)	n.a	264	876
Price per tree(Nu.)			
Tsim (Number of trees)	n.a	90	714
Price per tree(Nu.)			
Non-Wood Forest Product ²	n.a	n.a	n.a
Mushroom (Kg)	n.a	n.a	n.a
Mushroom (Nu.)	n.a	n.a	n.a
Medicinal and Aromatic plants (Kg)	N.A	N.A	N.A
Price per Kg (Nu.)	N.A	N.A	N.A
Cordyceps (Kg)	N.A	N.A	N.A
Price per Kg(Nu.)	N.A	N.A	N.A
Sand (Truck load)	170	126	324
Price per cft(Nu.)			
Stones (Truck load)	397	453	1,685
Price per cft(Nu.)			
Bamboo (Number)	2,542	3,997	4,411
Price per piece (Nu.)			
Cane (Piece)	n.a	n.a	n.a
Price per piece (Nu.)			
Lemon grass (liter)	n.a	n.a	n.a
Price per liter (Nu.)			
Mining Sites (Number)	2	2	2
Quarry Sites	-	-	1
Municipal Waste Disposal Sites	-	-	-
Environmental Clearance Issued	n.a	n.a	n.a

Note: Cordyceps amount collected only for auction royalty charges.

Source: ¹Divisional Forest, ²Thromsingla National Park, Pemagatshel

Table 60. Electricity Generating Stations and Capacities, Pemagatshel, (2009 & 2011)

Stations	2009		2010		2011	
	Installed generating capacity (no.x MW)	Peak generation (MU)	Installed generating capacity (no.x MW)	Peak generation (MU)	Installed generating capacity (no.x MW)	Peak generation (MU)
Diesel generation stations						
Other diesel stations						

Source: Department of Energy, MoEA, Pemagatshel

Note : No Electricity Generating Stations at Pemagatshel

Table 61. Number of Households by Area, Pemagatshel, (2009 ~ 2012)

Details	2009	2010	2011	2012
Total number of household in Urban	484	494	510	517
Total number of household in Rural	4726	4760	4800	4950

Source: Gewog and town information, Pemagatshel

Table 62. Number of Building Permits issued by Towns, Pemagatshel, (2009 ~ 2012)

	2009	2010	2011	2012
new buildings				
Pemagatshel Town	n.a	n.a	n.a	n.a
Denchi Town	n.a	n.a	n.a	n.a
Nganglam Town	n.a	n.a	n.a	n.a

Source: Dzongkhag Municipal, Pemagatshel Dzongkhag

Table 63. Number of Establishment by Type and Size, Pemagatshel, (2009 ~ 2011)

Details	2009	2010	2011
Industries by type (Number)			
Agro based	2	0	1
Forestry based	2	5	2
Mineral based	1	1	2
Others	1	71	102
Industries by scale (Number)			
Large	0	3	2
Medium	0	1	0
Small	2	6	32
Cottage	18	40	32
Contract firms (Number)			
Large	0	0	0
Medium	0	0	0
Small	10	27	41

Source: Regional Trade Office, Pemagatshel

Table 64. Number of Wholesale, Retail Trade and Industrial Licenses Issued, Pemagatshel, (2007 ~ 2011)

Details	(Number)				
	2007	2008	2009	2010	2011
Trade and Industries					
Micro & retail trade licences issued	63	62	62	120	102
Micro & retail trade licences in operation	63	62	61	120	101
Wholesale trade licences issued	3	3	3	2	0
Wholesale trade licences in operation	3	3	3	2	0
Services licences issued	20	20	20	41	56
Services licences in operation	20	20	20	41	56
Manufacturing licences issued	2	5	8	9	10
Manufacturing licenses in operation	2	5	8	9	10

Source: Regional Trade Office, Pemagatshel

Table 65. Number of Public Transport and Facilities, Pemagatshel, (2007 ~ 2012)

Details	(Number)						
	2007	2008	2009	2010	2011	2012	
Public Service Transport	0	0	0	0	0	0	
Bus	0	0	0	0	0	0	
Taxi	n.a	n.a	n.a	n.a	n.a	n.a	
Motor vehicle registration							
Heavy	n.a	n.a	n.a	n.a	n.a	n.a	
Medium	n.a	n.a	n.a	n.a	n.a	n.a	
Small	n.a	n.a	n.a	n.a	n.a	n.a	
Two wheeler	n.a	n.a	n.a	n.a	n.a	n.a	
Auto Mobile workshop ³	3	3	2	2	2	2	
Bus stations	0	0	0	0	0	0	

Source: RSTA Regional Office, Pemagatshel

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Table 66: Number of Roads and Bridges, Pemagatshel, (2007~2012)

Details	(Number)						
	2007	2008	2009	2010	2011	2012	
Roads (Length in Km)	119.5	119.5	135.0	196.84	267.4	308.4	
Farm roads ¹	44	44	90	121.47	192	233	
Feeder roads ²	24.5	24.5	24.5	24.47	24.47	24.47	
Forest roads ¹	28	28	28	27.9	27.9	27.9	
Highways/Dzongkhag roads	23	23	23	23	23	23	
Bridges (Number)	19	19	19	19	19	19	
Suspension bridge ¹	11	11	11	11	11	11	
Suspended ¹	7	7	7	7	7	7	
Bailey bridges ²	1	1	1	1	1	1	
Traditional bridges ¹	0	0	0	0	0	0	

Source: ¹Dzongkhag Engineering Section, ²Department of Roads, Pemagatshel

Table 67. Telecommunications, Pemagatshel, (2007 ~ 2012)

Telecommunications	(Number)					
	2007	2008	2009	2010	2011	2012
Households with fixed telephone connections	n.a	553	522	520	515	517
Tashi cell users	n.a	n.a	n.a	n.a	n.a	n.a
B.mobile users	n.a	n.a	n.a	n.a	n.a	n.a
Community information centres	0	0	0	0	4	4
Gewogs accessible to mobile services	n.a	9.0	9	11	11	11
Households with internet access	n.a	21	76	218	235	245
Bhutan post office	1	1	1	2	2	2

Source: Gewog Administration Office & Regional Office, Pemagatshel Dzongkhag.

Table 68. Number of Establishment in Banking and Finance, Pemagatshel, (2009 ~ 2012)

Number of establishments	(number)			
	2009	2010	2011	2012
RICBL	0	1	1	1
BIL	2	2	2	2
BDBL	n.a	n.a	n.a	n.a
BNBL	n.a	n.a	n.a	n.a
DPNBL	n.a	n.a	n.a	n.a
T-Bank	n.a	n.a	n.a	n.a
BOBL	1	1	1	1
ATM Machine	0	0	0	0

Source: Financial Institutions, Pemagatshel Dzongkhag

Table 69. Number of account holders in Banks, Pemagatshel, (2010~2011)

Number of facilities	Number of account holders (2010)				Number of account holders (2011)				
	savin curre		recurring		saving curre		recurrin		
	Loan	gs nt	fixed	dedeposit	Loan	s nt	fixed	g deposit	
RICBL	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
BIL	989	1621	5	179 115	1,100	2,413	229	114	114
BDBL	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
BNBL	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
DPNBL	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
T-Bank	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
BOBL	307	2516	69	314	311	2,540	63	308	917

Source: Financial Institutions, Pemagatshel Dzongkhag

Table 70. Number of Administrative Units, Pemagatshel, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Dzongkhags	1	1	1	1	1	1
Gewogs	11	11	11	11	11	11
Chiwogs	93	93	93	93	56	56
Villages	239	239	239	239	157	157
Households	4219	n.a	n.a	5258	n.a	n.a
Towns	2	2	2	2	2	2
Number of Police stations	2	2	2	2	2	2

Source: Dzongkhag Administration, Pemagatshel Dzongkhag

Table 71. Recreation, Tourist Visitors and Accommodation, Pemagatshel, (2007 ~ 2012)

Details	2007	2008	2009	2010	2011	2012
Number of children park	0	0	0	0	0	0
Number of hotels	3	4	4	5	5	5
Number of restaurants	6	6	7	8	8	8
Number of drayangs	0	0	0	0	0	0
Number of discotheques	0	0	0	0	0	0
Number of foreign tourist visitors	n.a	n.a	n.a	n.a	n.a	n.a

Source: Regional Office, MoEA, Pemagatshel Dzongkhag

