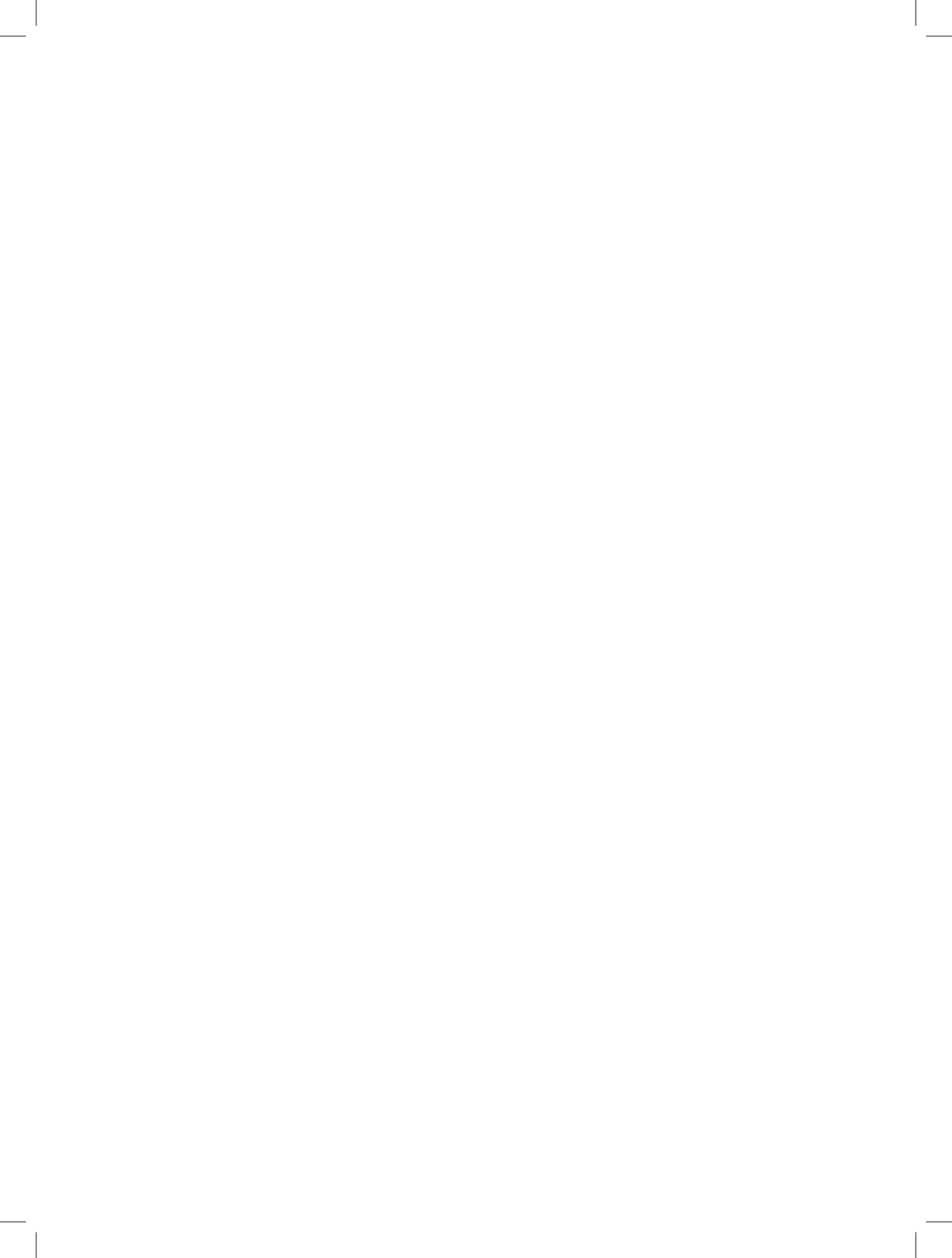




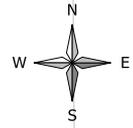
# ANNUAL DZONGKHAG STATISTICS 2011



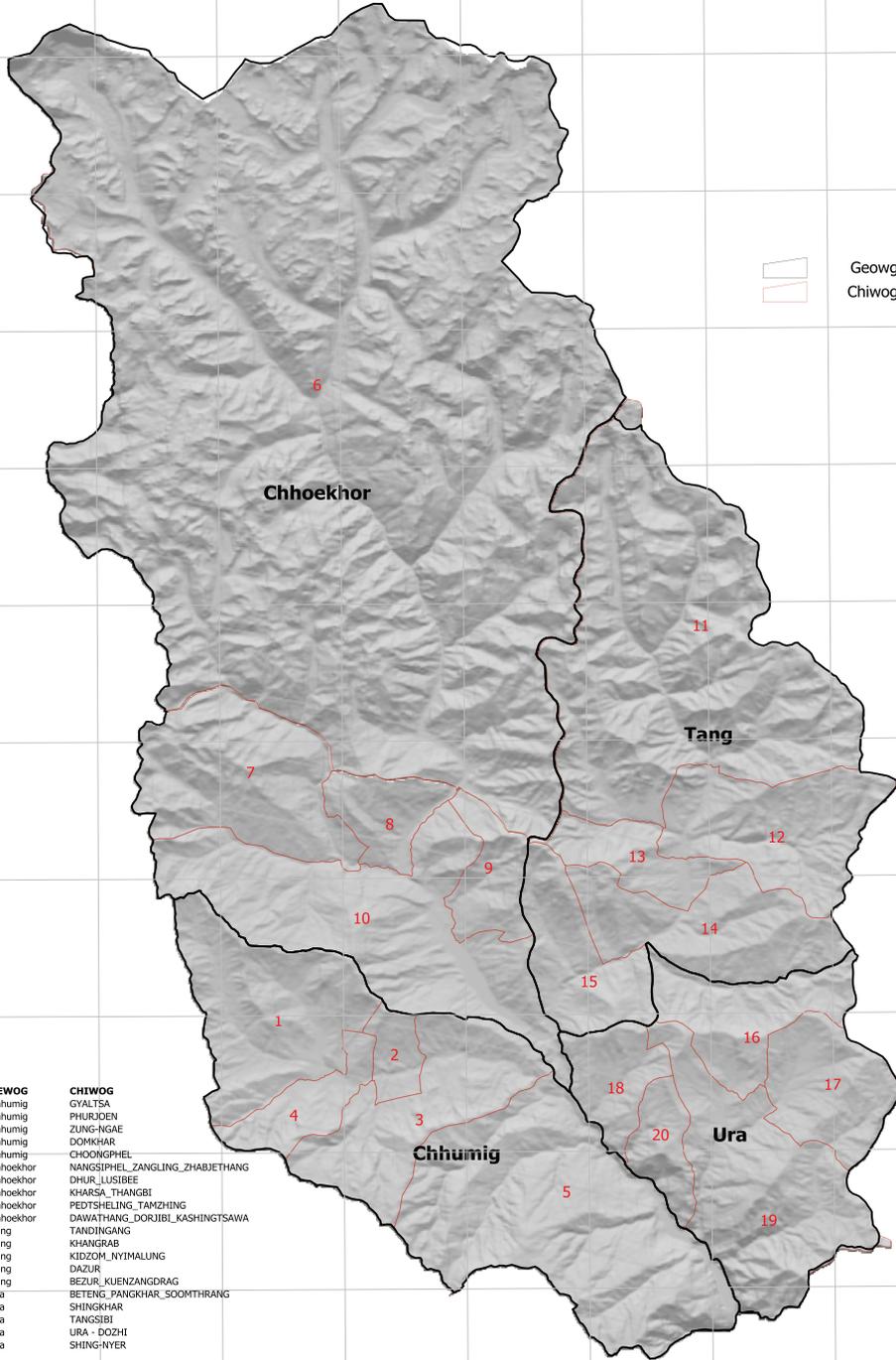
**Dzongkhag Administration  
BUMTHANG**



**Bumthang Gewogs and Chiwogs as per the final delimitation order issued  
by the  
Election Commission of Bhutan**



 Geowg Boundries  
 Chiwog Boundries



ID-1	GEWOG	CHIWOG
1	Chhumig	GIALTSA
2	Chhumig	PHURJIDEN
3	Chhumig	ZUNG-NGAE
4	Chhumig	DOMKHAR
5	Chhumig	CHOONGPHEL
6	Chhoekhor	NANGSIPHEL_ZANGLING_ZHABJETHANG
7	Chhoekhor	DHUR_LLUSIBEE
8	Chhoekhor	KHARSA_THANGBI
9	Chhoekhor	PEDTSHELING_TAMZHING
10	Chhoekhor	DAWATHANG_DORJIBI_KASHINGTSAWA
11	Tang	TANDJINGANG
12	Tang	KHANGGRAB
13	Tang	KIDZOM_NYIMALUNG
14	Tang	DAZUR
15	Tang	BEZUR_KUENZANGDRAG
16	Ura	BETENG_PANGKHAR_SOOMTHRANG
17	Ura	SHINGKHAR
18	Ura	TANGSIBI
19	Ura	URA - DOZHI
20	Ura	SHING-NYER



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## Preface

The Annual Dzongkhag Statistics of Bumthang is the second 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 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.

National Statistics Bureau  
Thimphu

## **Background**

Bumthang Dzongkhag, encompassing a total area of 2,708.46 Sq.Km with an altitude ranging from 2400-6000 meters above the sea level, has four Gewogs, namely Choekhor, Chhumey, 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 2011 is 17,837.

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 329.830 Km including 124 Km of National Highway from Yotongla to Thrumshingla. It has a total of 19 Schools, out of which 12 are Community Primary Schools, 2 ECR, 1 Primary School, 3 Lower Secondary Schools, 2 Middle Secondary Schools and 2 Higher Secondary Schools with a total of 4,363 students and 228 teachers as of December 2011. It also has 23 NFE Centres and over 259 NFE Learners and 23 NFE Instructors. Ugyen Wangchuk Institute for Conservation and Environment and Chumey Institute for Civil Engineering with over 188 trainees and 31 teachers as of November 2011 are also located in Bumthang. It has one hospital and four BHUs.

As of 2011, 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 Chhumey Gewog supplying power to the local community.

## 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 Year Book
		TV:	Television



**Table 1. Population by Age-Groups and Sex, Bumthang, (2005 ~ 2011)**

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

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

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, (2005~2011)**

Details	2005	2006	2007	2008	2009	2010	2011
Population (Number)	11,913	16,398	16,682	16,966	17,258	17,544	17,837
Population density (Persons per Sq. Km)	4	6	6	6	6	7	7
Population sex ratio	116.0	118.5	118.1	117.1	117.2	116.9	116.4

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

Source : Dzongkhag Population Projections 2006 - 2015, NSB, Thimphu.

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

Number	2008	2009	2010	2011
Live births <sup>1</sup>	291	321	331	n.a
Boys	136	177	155	n.a
Girls	155	144	176	n.a
Deaths <sup>1</sup>				
Total deaths	53	57	68	n.a
Male	30	26	39	n.a
Female	23	31	29	n.a
Infant deaths	3	3	3	n.a
Male	2	1	1	n.a
Female	1	2	2	n.a
Marriages <sup>2</sup>	14	81	136	66
Male	0	0	0	0
Female	0	0	0	0
Divorces <sup>2</sup>	13	36	30	38
Male	0	0	0	0
Female	0	0	0	0

Note: Health & Court Statistics as of October, 2011.

Source: <sup>1</sup>Dzongkhag Health Sector & <sup>2</sup>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)**

Percentage of Women age 15~49 Years Currently Married or in Union Who are using (or whose partner is using) a Contraceptive Method.

Details	2010
Not using any method	
Percent of women (currently married or in union) who are using	39.5
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. Types of Health Infrastructures, Facilities and personnel, Bumthang, (2007 ~ 2010)**

Health Infrastructures	2007	2008	2009	2010
Number of hospitals	1	1	1	1
Number of BHUs				
BHU grade I	0	0	0	0
BHU grade II	3	4	4	4
Number of ORCs	14	13	13	13
Number of indigenous units	1	2	2	2
Number of doctors	2	2	1	2
Number of hospital/BHU beds	42	42	42	50
Persons per doctor	8,341	7,550	14,821	7,580
Persons per hospital bed	397	378	371	379
Total morbidity attendance	38,112	36,704	43,233	37,382
Health assistants	8	8	9	8
Basic health workers	4	4	4	5
Sister and nurses	9	8	7	6
Technicians	7	10	8	8
Indigenous dungtsho	1	1	1	1
Indigenous compounders/Menpas	1	2	2	2
Malaria workers	124	0	0	0
Village health workers	27	25	24	21
Number of children immunized	2,094	2,446	1,088	1,282
Polio	877	1,060	369	331
DPTH	696	854	367	331
Measles	332	315	336	356
BCG	189	217	16	264
Others	0	0	0	0

Source : Dzongkhag Health Sector, Bumthang Dzongkhag

**Table 12. Hospital Admission and Average Length of Stay, Bumthang, (2007 ~ 2010)**

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

Source : Annual Health Bulletin, MoH

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

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

Source : Annual Health Bulletin, MoH

**Table 14. Number of Dental Services, Bumthang, (2007 ~ 2010)**

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

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 / tonsilitis	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 Sector, Bumthang Dzongkhag

**Table 16. Child Disability, Bumthang, (2010)**

Percentage of Children 2-9 Years of Age With Disability Reported by Their Mother or Caretaker According to the Type of Disability

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	2010
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
Difficulty in walking moving, moving arms, weakness or 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
Percentage of children 2-9 years of age with at least one 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 Within One Day of Birth, and Percentage Who Received a Prelacteal Feed.

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 survey	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 Births Weighed at Birth.

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
Percentage of Women Who Received at Least 2 Doses During Last Pregnancy	
Percentage of women who did not receive two or more doses during last pregnancy but received	43.7
2 doses, the last within prior 3 years	29.3
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	0.7
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 Households Using Solid Fuels for Cooking.

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.

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,irrigation 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 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	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
Percentage of household members in households using unimproved drinking water sources and using an appropriate water treatment method [1]	100.0
Number of household members in households using unimproved drinking water sources	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 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	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
Number of household 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	
Flush to somewhere else	0.0
Pit latrine without slab /open pit	6.2
Long drop latrine	1.2
Bucket	0.3
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

**Table 27. Number of Schools, Institutions, Teachers and Students, Bumthang, (2008~2011)**

Details	CPS	PS	LSS	MSS	HSS	College	Pvt. Inst.	Other Inst. Centres	NFE Daycare Centres	Total
2008										
Number of schools and institutions	12	1	2	2	1	0	1	2	14	35
Teaching staff										
Bhutanese	62	9	38	43	23	0	6	29	9	219
Male	43	5	17	28	15	0	5	23	3	139
Female	19	4	21	15	8	0	1	6	6	80
Non-Bhutanese	0	0	0	2	2	0	5	0	0	9
Male	0	0	0	2	1	0	5	0	0	8
Female	0	0	0	0	1	0	0	0	0	1
Temporary teachers	0	0	6	2	2	0	0	0	0	10
Male	0	0	2	1	1	0	0	0	0	4
Female	0	0	4	1	1	0	0	0	0	6
Number of students	1,152	307	1,066	1,005	493	0	250	138	35	4,446
Male	566	141	514	517	256	0	138	82	17	2,231
Female	586	166	552	488	237	0	112	56	18	2,215
Student to teacher ratio	1:19	1:34	1:24	1:21	1:18	0	1:23	1:5	1:4	1:19
2009										
Number of schools and institutions	124	1	2	2	1	0	1	2	14	148
Teaching staff										
Bhutanese	62	10	38	43	23	0	6	33	9	226
Male	43	5	17	28	15	0	5	26	3	142
Female	19	5	21	15	8	0	1	7	6	84

Non-Bhutanese	0	0	0	2	2	0	0	5	0	0	0	0	9
Male	0	0	0	2	1	0	5	0	0	0	0	0	8
Female	0	0	0	0	1	0	0	0	0	0	0	0	1
Temporary teachers	0	0	6	2	2	0	0	0	2	0	0	0	12
Male	0	0	2	1	1	0	0	0	2	0	0	0	6
Female	0	0	4	1	1	0	0	0	0	0	0	0	6
Number of students	1,116	319	1,062	1,043	451	0	254	53	170	11	4,479	11	4,479
Male	530	142	526	524	224	0	117	33	17	5	2,118	5	2,118
Female	586	177	536	519	227	0	137	20	153	6	2,361	6	2,361
Student to teacher ratio	1:18	1:32	1:24	1:22	1:17	0	1:23	1:2	1:19	1:5	1:18	1:5	1:18
2010													
Number of schools and institutions	12	1	2	2	1	0	1	2	23	1	45	1	45
Teaching staff													
Bhutanese	54	14	54	43	27	0	6	34	23	2	257	2	257
Male	42	6	27	27	17	0	5	28	4	0	156	0	156
Female	12	8	27	16	10	0	1	6	19	2	101	2	101
Non-Bhutanese	2	0	0	3	2	0	6	1	0	0	14	0	14
Male	1	0	0	2	1	0	6	1	0	0	11	0	11
Female	1	0	0	1	1	0	0	0	0	0	3	0	3
Temporary teachers	0	0	0	2	4	0	0	0	0	0	6	0	6
Male	0	0	0	2	3	0	0	0	0	0	5	0	5
Female	0	0	0	0	1	0	0	0	0	0	1	0	1
Number of students	976	326	1,347	938	484	0	262	198	127	9	4,667	9	4,667
Male	467	147	640	480	251	0	143	119	22	5	2,274	5	2,274
Female	509	179	707	458	233	0	119	79	105	4	2,393	4	2,393
Student to teacher ratio	1:17	1:23	1:25	1:20	1:15	0	1:22	1:6	1:9	1:5	1:17	1:5	1:17



**Table 28. School Enrolment by Grade and Sex, Bumthang, (2008~2011)**

Class	2008	2009	2010	2011
Primary level				
Total	2,274	2,203	2,613	2,580
Class PP	331	314	392	402
Class I	296	320	370	367
Class II	308	299	351	377
Class III	356	292	374	349
Class IV	347	362	367	387
Class V	315	339	392	322
Class VI	321	277	367	376
Male	1,133	1,077	1,256	1,227
Class PP	168	153	210	189
Class I	137	155	178	191
Class II	163	140	162	179
Class III	178	153	169	155
Class IV	174	183	174	180
Class V	161	159	195	147
Class VI	152	134	168	186
Female	1,141	1,126	1,357	1,353
Class PP	163	161	182	213
Class I	159	165	192	176
Class II	145	159	189	198
Class III	178	139	205	194
Class IV	173	179	193	207
Class V	154	180	197	175
Class VI	169	143	199	190

Secondary level				
Total	1,692	1,723	1,692	1,783
Class VII	335	379	351	399
Class VIII	343	306	334	320
Class IX	287	317	320	335
Class X	300	277	279	278
Class XI	220	157	162	180
Class XII	207	287	246	271
Male				
Class VII	166	173	167	179
Class VIII	158	153	156	157
Class IX	143	154	169	156
Class X	144	137	135	145
Class XI	115	84	89	91
Class XII	132	143	130	156
Female				
Class VII	169	206	184	220
Class VIII	185	153	178	163
Class IX	144	163	151	179
Class X	156	140	144	133
Class XI	105	73	73	89
Class XII	75	144	116	115

Source: Dzongkhag Education Sector, Bumthang Dzongkhag

**Table 29. Student by Age-Group, Sex and by Level, Bumthang, (2008~2011)**

Details	2008	2009	2010	2011
<b>Students in primary school level (Class PP-VI)</b>				
Total	2,274	2,186	2,615	2,606
Age < 6 years	32	46	36	59
Age 6-12 years	1,842	1,863	2,176	2,200
Age 13 & above	400	277	403	347
Male	1,124	1,071	1,257	1,242
Age < 6 years	18	14	21	32
Age 6-12 years	914	918	1,045	1,034
Age 13 & above	192	139	191	176
Female	1,150	1,115	1,358	1,364
Age < 6 years	14	32	15	27
Age 6-12 years	928	945	1,131	1,166
Age 13 & above	208	138	212	171
<b>Student in LSS level (Class VII-VIII)</b>				
Total	678	702	683	728
Age < 13 years	12	31	24	32
Age 13-14 years	303	350	330	312
Age 15 & above	363	321	329	384
Male	322	343	320	348
Age < 13 years	6	15	12	11
Age 13-14 years	142	172	158	135
Age 15 & above	174	156	150	202
Female	356	359	363	380
Age < 13 years	6	16	12	21
Age 13-14 years	161	178	172	177
Age 15 & above	189	165	179	182

Students in MSS level (Class IX-X)				
Total	587	594	599	613
Age < 15 years	46	16	59	7
Age 15-16 years	218	251	220	216
Age 17 & above	323	327	320	390
Male	283	290	318	301
Age < 15 years	40	9	27	4
Age 15-16 years	105	130	124	102
Age 17 & above	138	151	167	195
Female	304	304	281	312
Age < 15 years	6	7	32	3
Age 15-16 years	113	121	96	114
Age 17 & above	185	176	153	195
Students in HSS level (Class XI-XII)				
Total	427	444	408	451
Age < 17 years	4	4	31	3
Age 17-18 years	203	135	84	83
Age 19 & above	220	305	293	365
Male	248	227	219	248
Age < 17 years	3	2	18	1
Age 17-18 years	112	73	44	47
Age 19 & above	133	152	157	200
Female	179	217	189	203
Age < 17 years	1	2	13	2
Age 17-18 years	91	62	40	36
Age 19 & above	87	153	136	165

Source :Dzongkhag Education Sector, Bumthang

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

Percentage of Women age 15-24 Years who are Literate

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)

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)**

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 0 last year who are in grade 1 this year	100.0
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 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	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 dissabled 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
Number of Police stations	1	1	1

Source: Royal Bhutan Police, Jakar, Bumthang Dzongkhag

**Table 36. Monthly Motor Vehicle Accidents by Traffic Division, Bumthang, (2009~2011)**

Month	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 by Traffic Division, Bumthang, (2009~2011)**

Traffic division/ Type of Vehicle	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)**

Percentage of women age 15-49 years who believe a husband is justified in beating his wife/partner in various circumstances.

Nature of Crime	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 TO 2010)**

Details	2007	2008	2009	2010
Dzongkhag area (Sq. Km)	2708.46	2708.46	2708.46	2708.46
Total cultivated land (Acres) <sup>1</sup>	0	0	14485.75	14485.75
Damages caused by landslides <sup>2</sup>				
Farmland (acres)	0	0	0	0
Houses (Number)	0	0	0	1
Roads (Km)	0	0	0	0
Damages caused by floods <sup>2</sup>				
Farmland (acres)	0	0	28.25	0
Houses (Number)	0	0	0	0
Roads (Km)	0	0	0.530	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) <sup>2</sup>	0	1	1	1
Houses damaged by earthquakes (Number)	0	1	11	0
Number of forest fires <sup>3</sup>	2	0	2	0
Acreage destroyed by forest fires	12.00	0	80.00	0
Acreage of reforestation <sup>3</sup>	0	0	17.50	0
Houses/structures damaged by fires (Number) <sup>3</sup>	124	0	4	58

Source: <sup>1</sup>Dzongkhag Agriculture Sector, <sup>2</sup>Dzongkhag Environment Sector, <sup>3</sup>Dzongkhag Forest Sector, Bumthang Dzongkhag

**Table 40. Average Temperature (Degree Centigrade) Records, Bumthang, (2010)**

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

Source: SYB, NSB

**Table 41. Average Monthly Rainfall, Bumthang, (2010)**

Month/ Monthly Rainfall	(Millimeter)		
	Maximum	Minimum	Average
January	0	0	0.0
February	2	3	2.5
March	52	54	53.0
April	50	103	76.5
May	95	111	103.0
June	123	141	132.0
July	210	239	224.5
August	84	106	95.0
September	88	103	95.5
October	47	50	48.5
November	0	0	0.0
December	0	0	0.0
Annual	751	910	830.5

Source: SYB, NSB

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

Details	2010
Forest coverage (%) <sup>3</sup>	261.3
Number of snow fall at Dzongkhag headquater	1
Number of Protected spring water sources <sup>2</sup>	30
Number of Lakes <sup>1</sup>	27

Source:<sup>1</sup>Dzongkhag Forest Section,<sup>2</sup>Socio Economic Indicators 2005, <sup>3</sup>Dzongkhag Forest Section, Jakar, Bumthang.

**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 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	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, NSB

**Table 44. Parliamentarians 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 <sup>1</sup>	43	19
Male	n.a	19
Female	n.a	0
Total Mangmis <sup>1</sup>	4	4
Male	4	3
Female	0	1
DYT members <sup>2</sup>	9	9
Male	9	8
Female	0	1
GYT members <sup>1</sup>	51	28
Male	n.a	n.a
Female	n.a	n.a
Polling stations <sup>2</sup>	19	21
Eligible voters (18 years and above) <sup>2</sup>	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:<sup>1</sup>Gewog Administration, <sup>2</sup>Election Sector, Bumthang Dzongkhag.

**Table 45. Parliamentarians and Local Government election expenditures, Bumthang, ( 2008 & 2011)**

Details	Amount (Nu)
2008	
Parliamentarians (Number) <sup>1</sup>	
National council	200,000
National assembly	400,000
2011	
Local government <sup>2</sup>	
Gup	n.a
Mangmi	n.a
Tsogpa	n.a

Note : Only State Funding Nu. 2 lakhs for Parliamentarians<sup>1</sup> election in 2008.

No State Funding for Local government<sup>2</sup> election in 2011.

Source: Dzongkhag Election Section, Bumthang Dzongkhag

**Table 46. Royal Government Finances Expenditures at Dzongkhag Level, Bumthang, ( 2008~2010)**

Details	July 2008 - June 2009		July 2009 - June 2010		July 2010 - June 2011		Total Expenditure 2008-2011	
	Current	Capital	Current	Capital	Current	Capital	Current	Capital
Sectors								
Adm & Management	1.168	11.466	0	16.227	19.444	8.686	20.612	36.379
Agriculture	0.227	2.039	0	2.507	3.742	3.561	3.969	8.107
Livestock	0.549	0.730	0	2.270	5.647	3.366	6.196	6.366
Forestry	0.293	1.365	0	0.579	2.505	0.591	2.798	2.535
Education	11.016	13.735	0	21.034	5.255	34.521	16.271	69.290
Health	1.238	3.957	0	10.524	4.978	10.246	6.216	24.727
Works & Human Settlement	0	4.379	0	19.687	0	30.867	0	54.933
Religion & Culture	0.592	7.212	0	10.466	0	16.979	0.592	34.657
Total	15.083	44.883	0	83.294	41.571	108.817	56.654	236.994

Source: Planning & Finance Section, Bumthang Dzongkhag

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

( in million Nu.)

Sectors	10 FYP	
	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
<b>Total plan outlay</b>	<b>0</b>	<b>138.958</b>

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

**Table 48. Gewog 10th Five Year Plan Outlays, Bumthang**

( in million Nu.)

Sectors	10 FYP	
	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
<b>Total plan Outlays</b>	<b>0</b>	<b>85.008</b>

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

**Table 49. Dzongkhag 10th Five Year Plan Expenditures, Bumthang (2008-2011)**

( In million Nu.)

Sectors	10 FYP	
	Current	Capital
Adm & Management	20.612	36.379
Agriculture	3.969	8.107
Livestock	6.196	6.366
Forestry	2.798	2.535
Education	16.271	69.290
Health	6.216	24.727
Works & Human Settlement	0	54.933
Religion & Culture	0.592	34.657
<b>Total plan expenditure</b>	<b>56.654</b>	<b>236.994</b>

Note : For three years 10 FYP Expenditures.

Source: Planning & Finance Section, Bumthang Dzongkhag

**Table 50. Gewog 10th Five Year Plan Expenditures, Bumthang (2008-2011)**

( In million Nu.)

Sectors	10 FYP	
	Current	Capital
Adm & Management	3.367	13.664
Agriculture	0.193	29.874
Livestock	0.183	1.374
Forestry	0.152	2.732
Education	0	0
Health	0	6.986
Works & Human Settlement	0	3.389
Religion & Culture	0	5.225
CDG Activities	0	8.329
<b>Total</b>	<b>3.895</b>	<b>71.573</b>

Note : For three years 10 FYP Expenditures.

Source: Planning & Finance Section, Bumthang Dzongkhag

**Table 51. Employed Persons by Age, Sex and Area of Residence, Bumthang, (2008~ 2011)**

Details	2008	2009	2010	2011
Rural				
Male	n.a	n.a	2,600	2,300
Female	n.a	n.a	2,000	2,600
Total	n.a	n.a	4,600	4,900
Urban				
Male	n.a	n.a	400	1,400
Female	n.a	n.a	300	1,700
Total	n.a	n.a	700	3,100
Total				
Male	n.a	n.a	3,000	3,700
Female	n.a	n.a	2,300	4,300
Total	n.a	n.a	5,300	8,000

Source: Labour Force Survey Report, 2010 & 2011, MoLHR

**Table 52 : Employment by Industries, Age-Group and Sex, Bumthang, (2009~2011)**

Details	2009	2010	2011
Total labour force (Number)	n.a	5300.0	8100.0
Total employed (%)	n.a	100.0	97.5
Male	n.a	100.0	97.3
Female	n.a	100.0	97.7
Unemployment rate	n.a	0.0	2.5
Total employed in Agriculture (%)	n.a	64.2	75.9
Male	n.a	35.8	31.6
Female	n.a	28.3	44.3
Total employed in Industries (%)	n.a	13.2	12.7
Male	n.a	7.5	6.3
Female	n.a	5.7	6.3
Total employed in Services (%)	n.a	24.5	11.4
Male	n.a	13.2	8.9
Female	n.a	11.3	2.5
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 (%)	64.3	57.6	79.4
Male participation rate	65.9	65.2	78.7
Female participation rate	62.9	47.9	81.5

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

Child labour	2010
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: Agricultural Production & Average prices by commodities, Bumthang, (2007~2010)**

Details	2007	2008	2009	2010
<b>Paddy</b>				
Area (Acres)	24	27	151	164
Production (MT)	55	50	285	262
Price per Kg(Nu.)	60	60	60	60
<b>Maize</b>				
Area (Acres)	5	3	9	4
Production (MT)	4	1	11	4
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
<b>Wheat</b>				
Area (Acres)	642	560	883	660
Production (MT)	230	915	358	641
Price per Kg(Nu.)	15	15	30	30
<b>Barley</b>				
Area (Acres)	419	501	523	508
Production (MT)	184	367	440	466
Price per Kg(Nu.)	25	25	25	35
<b>Buckwheat</b>				
Area (Acres)	124	836	1,253	829
Production (MT)	257	86,544	542	706
Price per Kg(Nu.)	25	25	25	40

Millet				
Area (Acres)	n.a	n.a	n.a	n.a
Production (MT)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Fruits				
Apples				
Number of fruit bearing trees	7,071	3,881	9,020	5,898
Production (Kg)	172,336	84,606	2,073,754	136,688
Price per Kg(Nu.)	50	50	50	50
Oranges/ Mandarin				
Number of fruit bearing trees	N.A	N.A	N.A	N.A
Production (Kg)	N.A	N.A	N.A	N.A
Price per Kg(Nu.)	N.A	N.A	N.A	N.A
Banana				
Number of fruit bearing trees	N.A	N.A	N.A	N.A
Production (Kg)	N.A	N.A	N.A	N.A
Price per Dozen(Nu.)	N.A	N.A	N.A	N.A
Pear				
Number of fruit bearing trees	n.a	18	387	263
Production (Kg)	n.a	630	5,532	21,449
Price per Kg(Nu.)	n.a	25	40	40
Plum				
Number of fruit bearing trees	18	26	158	288
Production (Kg)	67	65	2,866	14,865
Price per Kg(Nu.)	30	30	45	45
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)	3,563,397	2,251,200	10,516,852	4,933,811
Production (Nu.)	53,450,955	33,768,000	157,752,780	44,404,299
Price per Kg(Nu.)	15	15	15	9
Chili				
Production (kg)	7,019	n.a	52,128	56,592
Production (Nu.)	280,760	n.a	3,127,680	3,395,520
Price per Kg(Nu.)	40	n.a	60	60

Onion				
Production (kg)	3,000	2,000	4,000	302
Production (Nu.)	105,000	80,000	160,000	12,080
Price per Kg(Nu.)	35	40	40	40
Cabbage				
Production (kg)	25,444	6,453	77,348	52,948
Production (Nu.)	508,880	129,060	1,546,960	1,058,960
Price per Kg(Nu.)	20	20	20	20
Cauliflower				
Production (kg)	n.a	n.a	45,500	19,175
Production (Nu.)	n.a	n.a	2,275,000	958,750
Price per Kg(Nu.)	n.a	n.a	50	50
Asparagus				
Production (Bundles)	n.a	n.a	2,150	2,855
Production (Nu.)	n.a	n.a	161,250	214,125
Price per bunddle (Nu.)	n.a	n.a	75	75
Tomato				
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
Carrot				
Production (Kg)	n.a	1,551	25,105	13,820
Production (Nu.)	n.a	69,795	1,129,725	621,900
Price per Kg(Nu.)	n.a	45	45	45
Egg Plant (Brinjal)				
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
Raddish				
Production (Kg)	n.a	n.a	115,510	149,514
Production (Nu.)	n.a	n.a	1,732,650	2,242,710
Price per Kg(Nu.)	n.a	n.a	15	15
Ginger				
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
Cardamom				
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)	2,259	n.a	14,022	9,629
Production (Nu.)	259,785	n.a	1,682,640	1,155,480
Price per Kg(Nu.)	115	n.a	120	120
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	164	38,182	11,981
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)	n.a	n.a	6,525	19,765
Production (Nu.)	n.a	n.a	228,386	691,775
Price per Kg(Nu.)	n.a	n.a	35	35

Source: Agriculture Sector, Bumthang Dzongkhag

**Table 56: Renewable Natural Resources, Bumthang, (2007~2010)**

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

Note:<sup>1</sup>Including two traditional mills

Source : Dzongkhag Agriculture Sector, Bumthang Dzongkhag 124

**Table 57: Livestock Population by Types, Bumthang, (2007~2010)**

Details	2007	2008	2009	2010
Livestock (Number)				
Cattle				
Local breed	4,940	5,646	4,003	3,591
Male	1,726	2,104	1,383	1,229
Female	3,214	3,542	2,620	2,362
Improved breed	4,466	4,597	4,607	5,010
Male	1,523	1,457	1,488	1,497
Female	2,943	3,140	3,119	3,513
Mithun	1,422	1,536	681	1,101
Bufallo				
Male	N.A	N.A	N.A	N.A
Female	N.A	N.A	N.A	N.A
Horse	1,388	1,469	886	1,014
Local breed	1,188	1,376	771	927
Improved breed	200	93	115	87
Yak	3,481	3,553	3,412	3,360
Male	1,344	1,616	1,355	1,393
Female	2,137	1,937	2,057	1,967
Sheep	608	620	320	331
Local breed	276	271	167	151
Improved breed	332	349	153	180
Pig				
Local breed	n.a	n.a	n.a	n.a
Improved breed	n.a	n.a	n.a	n.a
Poultry	921	804	643	787
Local breed	357	416	309	595
Improved breed	564	388	334	192
Goat	n.a	n.a	n.a	n.a

Note: Mithun includes Bamin, Jatsa & Jatsm

Source : Dzongkhag Livestock Sector, Bumthang Dzongkhag

**Table 58: Livestock Productions, Bumthang, (2007~2010)**

Details	2007	2008	2009	2010
Livestock products				
Fresh Milk (Liters)	1,099,587	1,272,995	1,290,862	1,474,113
Butter (Kg)	46,105	46,072	50,341	62,214
Fresh Cheese (Kg)	170,610	186,295	312,368	194,392
Processed cheese (kg)	n.a	n.a	n.a	n.a
Eggs (Dozen)	67,249	18,684	16,512	10,882
Fish (Kg)	n.a	n.a	n.a	n.a
Beef (Kg)	13,550	400	n.a	10,575
Pork (Kg)	600	600	n.a	n.a
Yak Meat (Kg)	n.a	n.a	n.a	n.a
Mutton (Kg)	n.a	n.a	n.a	n.a
Honey (Gm)	n.a	n.a	n.a	n.a
Chicken (Kg)	n.a	n.a	n.a	n.a

Source : Dzongkhag Livestock Sector, Bumthang Dzongkhag

**Table 59: Forestry Productions, Bumthang, (2007~2010)**

Details	2007	2008	2009	2010
Wood Forest Product <sup>1</sup>				
Log Form (Cft)	143,147	153,063	287,070	56,470
Fire wood (Cubic metres)	12,174	10,868	15,098	6,743
Flag Poles (Number)	2,988	4,624	7,913	1,700
Shinglap (Number of trees)	137	106	383	63
Cham (Number of trees)	14,166	10,781	23,358	6,225
Tsim (Number of trees)	8,113	4,629	14,127	4,857
Non-Wood Forest Product <sup>2</sup>				
Mushroom (Kg)	129	199	11	n.a
Mushroom (Nu.)	2,580	1,868	220	n.a
Medicinal and Aromatic plants (Kg)	n.a	n.a	n.a	n.a
Cordyceps (Kg) <sup>3</sup>	17	114	62	n.a
Cordyceps (Nu.)	181,495	790,923	426,823	n.a
Sand (Truck load)	179	125	699	769
Stones (Truck load)	1,770	1,014	1,094	1,201
Bamboo (Number)	36,406	13,200	23,120	96,070
Cane (Bundles)	n.a	n.a	n.a	n.a
Lemon grass (Kg)	124	n.a	n.a	n.a

Note : <sup>3</sup>Cordyceps amount collected only for auction royalty charges.

Source : <sup>1</sup>Divisional Forest Office, Bathpalathang, <sup>2</sup>Thromsingla National Park, Bumthang

**Table 60. Electricity Generating Stations And Their Capacities, Bumthang, (2009 ~ 2010)**

Generating Stations	2009			2010		
	Installed capacity (no.x MW)	Generating capacity (MW)	Peak generation (MU)	Installed capacity (no.x MW)	Generating capacity (MW)	Peak generation (MU)
list the name						
1.Micro Hydrel,Chumey	3x0.5	1.4000	1.3000	3x0.5	1.1400	1.3000
2.Micro Hydrel,Tamshing	1x0.03	0.0270	0.0270	1x0.03	0.0270	0.0270
3.Micro Hydrel,Ura	1x0.05	0.0450	0.0450	1x0.05	0.0450	0.0450
Diesel generation stations						
list the name						
1.Micro Hydrel,Chumey	3x0.25	0.7200	0.7200	3x0.25	0.7200	0.3000
Other diesel stations						
list the name	0	0	0	0	0	0

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

**Table 61. Number of Household, Bumthang, (2009 ~ 2011)**

Household	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: PHCB 2005, NSB, Thimphu.

**Table 62. Number of New buildings by town and issued for new buildings, Bumthang, (2009 ~ 2011)**

new buildings	2009	2010	2011
Town name (1) (decleared by election commission) permit issued for new buildings <sup>1</sup>	1	1	1
Town name (2) (decleared by election commission) permit issued for new buildings	n.a	n.a	11
Town name (3) (decleared by election commission) permit issued for new buildings	0	0	0
Town name (3) (decleared by election commission) permit issued for new buildings	0	0	0
Town name (3) (decleared by election commission) permit issued for new buildings	0	0	0
Town name (3) (decleared by election commission) permit issued for new buildings	0	0	0

Note : Approximately figure for new buildings<sup>1</sup> permit issued.

Sorce: Dzongkhag Municipal, Bumthang Dzongkhag

**Table 63. Number of Establishment by Type, 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

Note: 2011\* Trade and Industry Statistics as of August, 2011.

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

**Table 64. Number of Wholesale, Retail Trade and Industrail 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 licenses issued	36	38	46	55	68
Manufacturing licenses in operation	36	38	46	55	68

Note: 2011\* Trade and Industry Statistics as of 31st December, 2011.

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

**Table 65: Number of Public Transport, Bumthang, (2007~2011)**

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

Source : RSTA, Chamkhar, Bumthang.

**Table 66: Infrastructure, Bumthang, (2007~2011)**

Details	2007	2008	2009	2010	2011
Roads (Length in Km)					
Farm roads <sup>1</sup>	45.43	45.43	79.67	97.67	105.63
Feeder roads <sup>2</sup>	62.80	62.80	62.80	62.80	62.80
Forest roads <sup>1</sup>	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 <sup>1</sup>	11	11	12	12	12
Suspended <sup>1</sup>	5	5	5	5	5
RCC T-Beam bridges <sup>2</sup>	9	9	9	12	12
Steel pony truss bridges <sup>2</sup>	1	1	1	1	1
Bailey bridges <sup>2</sup>	2	2	2	2	2
Traditional bridges <sup>1</sup>	1	1	1	4	5
Auto workshop centres <sup>3</sup>	3	3	3	3	3
Bus stations	1	1	1	1	1

Source: <sup>1</sup>Dzongkhag Engineering Section,  
<sup>2</sup>Department of Roads, Bumthang,  
<sup>3</sup>Regional Trade & Industry Office, Trongsa

**Table 67: Number of Telecommunication Services, Bumthang, (2007~2011)**

(Number)

Telecommunications (Number)	2007	2008	2009	2010	2011
Households with fixed telephone connections	n.a	n.a	359	948	948
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	n.a	1	1	1
Gewogs accessible to mobile services	n.a	n.a	4	4	4
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, Bumthang Dzongkhag.

**Table 68. Number of Establishment in Banking and Finance, Bumthang, (2009~2011)**

(number)

Number of establishments	2009	2010	2011
RICBL	1	1	1
BDFCL	1	1	1
BNB	1	1	1
Druk PNB	0	0	0
T Bank	0	0	0
Bhutan insurance limited	1	1	1
BOB	1	1	1

Source: Financial Institutions, Bumthang Dzongkhag

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

Number of facilities	Number of account holders (2011)				
	Loan	savings	current	fixed deposit	recurring deposit
RICB	38	0	0	0	0
BDFCL	855	747	1	62	27
BNB	191	1,129	29	95	1
PNB	124	0	0	0	0
T Bank	0	0	0	0	0
Bhutan insurance limited	0	0	0	0	0
BOB	998	4,392	256	304	501

Source: Financial Institutions, Bumthang Dzongkhag

**Table 70. Number of establishments, Bumthang, (2005~2011)**

Number of establishments	2005	2006	2007	2008	2009	2010	2011
Administration (Number)							
Drungkhags	0	0	0	0	0	0	0
Gewogs	4	4	4	4	4	4	4
Chiwogs	43	43	43	43	43	43	20
Villages	105	105	105	105	105	105	95
Households	2,870	1,462	1,462	1,462	1,462	1,462	1,391
Towns	1	1	1	1	1	1	1
Number of children park <sup>1</sup>	0	0	0	0	0	0	0
Number of hotels <sup>2</sup>	n.a	n.a	n.a	n.a	41	42	50
Number of restaurants <sup>2</sup>	n.a	n.a	n.a	n.a	73	77	99
Number of drayang <sup>2</sup>	1	1	1	1	2	2	2
Number of discotheques <sup>2</sup>	0	0	0	0	0	0	0
Number of tourist visitors <sup>3</sup>	n.a	n.a	9,950	11,550	15,000	14,850	21,000

Source: <sup>1</sup>Gewog Administration Office, Bumthang. <sup>2</sup>Regional Trade & Industry Office, Trongsa, <sup>3</sup>Bumthang Hotel Association C/O River View Hotel, Chamkhar, Bumthang.



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