



**Annual Dzongkhag Statistics
2012**



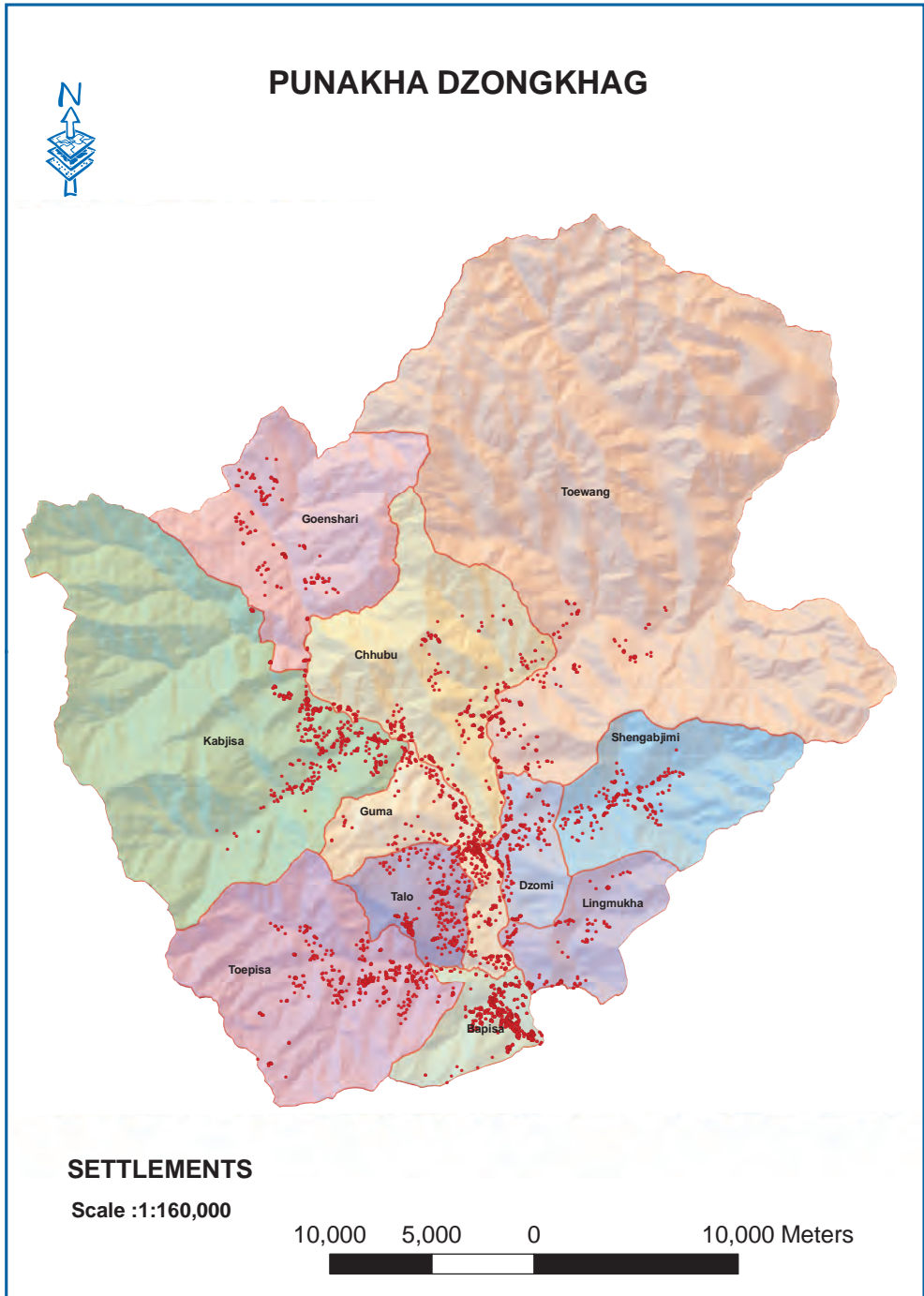
**Dzongkhag Administration
PunAkha**

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Preface

The Annual Dzongkhag Statistics of Punakha is the second in the series of publications. It attempts to provide comprehensive statistics of Punakha 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 unit, Punakha Dzongkhag 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

PunakhaDzongkhag has a total area of 1108.26 sq. Km. TheDzongkhag consists of eleven Geogs, namely: Chhubu, Dzomi, Goenshari, Guma, Kabjisa, Lingmukha, ShengaBjimi, Talo, Toewang, Barb and Toep. The temperature varies from 35 degree Celsius during summers to 13 degree Celsius during winters. It receives an average annual rainfall of 83 mm. The altitude of the Dzongkhag ranges from 1200 metres to 4800 metres.

The projected population of the Dzongkhagfor the year 2011 is 26, 541 which consists of 13,424 male and 13,117 female.

The dzongkhag has total forest coverage of about 87,978 hectares, out of which 30% is Coniferous forest, 42% is Broad-leaved, scrub forest is 2% and pasture is 3%. 22% of the total area is cultivable land.

The main cereal crops grown in the Dzongkhag are paddy, wheat, maize, and mustard. Fruits such as Persimmon, Guavas, Peaches, Plums, Pears and even Sub-tropical Apples are grown here.but citrus fruits being the main fruits grown in the Dzongkhag.The vegetables like Chilies, Raddish, Cabbages, Brinjals, Green leaved vegetables and Tomatoes are also cultivated. Dzongkhag also has a relatively good network of feeder and farm roads that provide easy access to market.

The Dzong which is located at the confluence of Phochu and Mochu rivers was built by ZhabdrungNgawangNamgyel in 1637. It was named as PungthangDechenPhodrangDzong and had been the winter capital until 1955. It is now the winter residence of the Je Khenpo and the Central Monk Body. The Machey (Sacred embalmed body) of ZhabdrungNgawangNamgyal is preserved and guarded with great devotion and reverence in the MacheyLhakhang. The PunakhaDzong has always been an attraction for tourists because of its rich historical background.

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: DzongkhagYargyeTsogdue	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 YargyeTshogchung	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, Punakha, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	17,715	23,890	24,323	24,762	25,205	25,650	26,096	26,541
0-4	1,714	2,529	2,695	2,860	3,023	3,183	3,169	3,150
5-9	2,060	2,486	2,426	2,377	2,336	2,304	2,471	2,637
10-14	2,087	2,675	2,641	2,599	2,555	2,511	2,448	2,394
15-19	2,625	2,629	2,646	2,658	2,663	2,656	2,638	2,609
20-24	1,614	2,468	2,459	2,519	2,542	2,564	2,586	2,607
25-29	1,320	2,212	2,262	2,307	2,349	2,388	2,424	2,455
30-34	1,067	1,839	1,907	1,977	2,045	2,110	2,168	2,222
35-39	918	1,536	1,581	1,627	1,678	1,735	1,799	1,869
40-44	778	1,248	1,296	1,347	1,398	1,448	1,496	1,543
45-49	823	1,028	1,057	1,089	1,124	1,163	1,208	1,257
50-54	660	848	872	898	962	954	983	1,014
55-59	537	696	713	731	752	773	797	822
60-64	546	562	574	588	602	618	635	652
65+	966	1,132	1,157	1,185	1,213	1,244	1,276	1,308
Male	8,989	12,175	12,377	12,584	12,793	13,002	13,214	13,424
0-4	838	1,233	1,315	1,396	1,477	1,556	1,550	1,540
5-9	1,071	1,219	1,188	1,162	1,141	1,124	1,206	1,289
10-14	1,033	1,322	1,302	1,280	1,257	1,233	1,200	1,173
15-19	1,305	1,318	1,320	1,322	1,321	1,314	1,302	1,286
20-24	912	1,276	1,282	1,285	1,288	1,291	1,295	1,301
25-29	632	1,163	1,187	1,208	1,226	1,241	1,252	1,260
30-34	514	979	1,012	1,047	1,080	1,111	1,140	1,166
35-39	453	820	845	869	895	924	957	992
40-44	395	658	685	714	743	771	798	824
45-49	401	536	552	569	588	610	635	663
50-54	357	440	453	467	481	496	511	527
55-59	273	359	368	377	388	399	411	428
60-64	292	287	294	300	308	316	324	333
65+	513	564	575	588	601	615	630	647

Female	8,726	11,715	11,946	12,178	12,411	12,648	12,883	13,117
0-4	876	1,296	1,380	1,463	1,546	1,627	1,620	1,610
5-9	989	1,267	1,239	1,215	1,195	1,180	1,264	1,348
10-14	1,054	1,353	1,338	1,319	1,298	1,278	1,247	1,222
15-19	1,320	1,312	1,325	1,336	1,342	1,342	1,336	1,323
20-24	702	1,192	1,214	1,235	1,255	1,274	1,291	1,307
25-29	688	1,048	1,075	1,099	1,123	1,147	1,171	1,195
30-34	553	861	895	930	965	998	1,028	1,056
35-39	465	716	737	758	783	810	842	887
40-44	383	591	611	633	655	677	698	720
45-49	422	492	506	520	536	554	573	594
50-54	303	408	419	432	445	458	472	487
55-59	264	336	345	354	364	374	385	398
60-64	254	274	281	287	295	302	310	319
65+	453	570	582	597	612	627	645	662

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, Punakha, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	17,715	23,890	24,323	24,762	25,205	25,650	26,096	26,541
Population density (Persons per Sq. Km)	18.00	24.52	25.00	22.34	22.74	23.14	23.54	23.95
Population sex ratio	103	104	104	103	103	103	103	102

Source: Dzongkhag Population Projection 2006-2015

Table 3. Total Number of Live Births, Deaths, Marriages and Divorces, Punakha, (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	n.a
Female	n.a	n.a	n.a	n.a
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	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, Punakha Dzongkhag

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

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	35
Total fertility rate	2.8

Source : BMIS, 2010

Table 5. Early Childbearing, (Punakha), (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	7.5
Are pregnant with first child	3.1
Have begun childbearing	10.6
Have had a live birth before 15	0.6
Number of women age 15~19	70.0
% of women age 20~24 who have had a live birth before age 18	11.5
Number of women age 20~24	74.0

4 Source : BMIS, 2010

Table 6. Use of Contraception, (Punakha), (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	38.8
Percent of women (currently married or inunion) who are using	
Female sterilization	11.1
Male sterilization	13.7
IUD	2.5
Injectables	20.2
Implants	0.2
Oral contraceptive Pill	7.2
Male condom	5.8
Female condom	0.2

Foam/ jelly	0.0
Lactational amenorrhoea method (LAM)	0.0
Periodic abstinence/ rhythm	0.0
Withdrawal	0.0
Other	0.4
Any modern method	60.8
Any traditional method	0.4
Any method	61.2
Number of women currently married or in union	342.0

Source : BMIS, 2010

Table 7. Antenatal Care Provider, (Punakha) , (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	32.3
Nurse/ midwife	61.4
HA/ BHW	4.4
Assistant clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.4
Other/ missing	0.0
No antenatal care received	1.6
Total	100.0
At least once by skilled personnel	98.0
Number of women who gave birth in the preceding 2 years	100.0

Source : BMIS, 2010

Table 8. Number of Antenatal Care Visits, (Punakha), (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		1.6
1 Visits		2.2
2 Visits		6.2
3 Visits		12.9
4 or more visits		77.1
Missing/ DK		0
Total		100
Number of women who gave birth in the preceding 2 years		
		100

Source : BMIS, 2010

Table 9. Assistance During Delivery, (Punakha), (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		26.2
Nurse / Midwife		50.4
HA/BHW		1.7
Asst. clinical officer (ACO)		0
Traditional birth attendant		0
Village health worker		0
Relative / friend		11.1
Other/missing		10.6

No attendant	0
Total	100
Any skilled personnel	78.3
Percent delivered by C-section	10.7
Number of women who gave birth in preceding two years	100

Source : BMIS, 2010

Table 10. Place of Delivery, (Punakha) (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	77.9
Private sector health facility	0
Home	22.1
Other	0
Total	100
Delivered in health facility [1]	77.9
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, Punakha, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Number of hospitals	1	1	1	1	1
Number of BHUs	5	6	6	6	6.0
BHU grade I	0	0	0	0	-
BHU grade II	5	6	6	6	6
Number of ORCs	8	8	9	10	10
Number of indigenous units	1	1	1	1	1
Number of doctors	3	3	3	4	4
Number of hospital/BHU beds	40	40	10	52	53
Persons per doctor	8,108	8,254	8,402		4,977
Persons per hospital bed	608	619	630		343
Total morbidity attendance	na	na	na	na	93,255
Health assistants	12	15	17	15	8
Basic health workers	8	5	6	6	6
Sister and nurses	12	12	11	12	26
Technicians	9	10	10	13	15
Indigenous dungtsho	1	1	1	1	1
Indigenous compounders/Menpas	1	1	1	1	1
Malaria workers	0	0	0	0	0
Village health workers	52	52	44	44	54
Number of children immunized	570	435	464	463	985
Polio	277	315	355	343	517
DPTH	409	408	426	471	440
Measles	562	438	478	469	459
BCG	337	382	374	373	534
Others	0	0	0	0	0

Source: Dzongkhag Health Sector, Punakha

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

Average admission	2007	2008	2009	2010	2011
Hospital admission	3477	1969	2036	1878	2346
Total	3477	1969	2036	1870	2346
Patient days	7401	7686	8034	8670	5632
Average days	2.1	3.9	3.9	4.6	2.4
BHU admission	65	74	178	175	164

Source : Annual Health Bulletin, MoH

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

Details	2007	2008	2009	2010	2011
Surgeries					
Caesarian Section	7	6	3	1	66
General Abdominal	11	26	2	4	192
General Others	47	103	21	39	19
Orthopaedic extremities	3	11	0	8	1
Orthopaedic Others	0	0	1	0	0
Gynaecology	6	29	3	0	3
ENT	1	0	0	34	0
Eye	0	46	27	0	0

Source: Annual Health Bulletin, MoH

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

Dental Services	2007	2008	2009	2010	2011
Prophylaxis	127	166	313	423	297
Scaling	0	6	11	15	18
Fillings	423	453	723	582	647
Extractions	886	1692	1083	963	838
Others	1143	1250	1451	1037	822

Source: Annual Health Bulletin, MoH

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

Priority health problem/ Disease	2007	2008	2009	2010	2011
Diarrhoea	2,675	2,987	3,014	2,757	3,262
Conjunctivitis	924	1,147	1,160	1,493	1,728
Dysentery	1,960	1,864	1,579	1,333	2,071
Typhoid	148	120	108	0	210
Sexually transmitted disease, excluding HIV/AIDS	59	106	142	49	115
Diabetes					49
Tuberculosis	610	29	38	28	30
Early syphilis	2	2	7	0	-
Cholera	0	0	8	0	8
Tetanus	0	0	0	0	-
Diphtheria	0	0	0	0	-
Pertussis	0	0	0	0	-

Source: Dzongkhag Health Sector, Punakha, Dzongkhag

Table 16. Child Disability, Punakha , (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	2.5
Difficulty seeing, either in the daytime or at night	0.9
Appears to have difficulty hearing	2.9
No understanding of instructions	3.1
stiffness	2.3
Have fits, become rigid, lose consciousness	2.2
Not learning to do things like other children his/her age	3.9
No speaking cannot be understood in words	4.6
Appears mentally backward, dull, or slow	4.2
Speech is not normal	10.4
Number of children aged 3-9 years	361.0
Cannot name at least one object	18.1
Number of children aged 2 years	41.0
reported disability*	23.0
Number of children aged 2-9 years	401

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Punakha, (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]	11.4
% below -3 sd [2]	2.0
Weight for age:	
Mean Z-Score (SD)	-0.7
Weight for age:	
Number of children	203.0
Height for age:	
% below -2 sd [3]	20.7
% below -3 sd [4]	6.2
Height for age:	
Mean Z-Score (SD)	-0.9
Height for age:	
Number of children	193.0
Weight for height:	
% below -2 sd [5]	4.7
Weight for height:	
% below -3 sd [6]	2.2
Weight for height:	
% above +2 sd	3.3
Weight for height:	
Mean Z-Score (SD)	-0.1
Weight for height:	
Number of children	197.0

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Punakha, (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	99.1
Percentage who were first breastfed: Within one hour of birth	64.2
Percentage who were first breastfed: Within one day of birth	94.3
Percentage who received a prelacteal feed	9.8
Number of last-born children in the two years preceding the	100

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Punakha, (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	23.1
Exclusive breastfeeding	1.2
Predominant breastfeeding	1.8
Number of children age 0-35 months	141

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Punakha, (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	9.1
Number of live births in the last 2 years	88.0
	100.0

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Punakha, (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	44.8
3 doses, the last within prior 5 years	8.2
4 doses, the last within prior 10 years	0.0
5 or more doses during lifetime	0.0
Protected against tetanus [1]	53.0
Number of women with a live birth in the last 2 years	100.0

Source: BMIS, 2010

Table 22. Solid Fuel Use, Punakha, (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	73.8
Liquefied Petroleum Gas (LPG)	13.8
Kerosene	0.0
Coal	0.0
Wood	12.4
Straw/Shrubs/Grass	0.0
No food cooked in household	0.0
Other	0.0
Total	100.0
Solid fuels for cooking	12.4
Number of household members	2549

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Punakha, (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	20.9
Piped into dwelling	50.0
Piped into compound	4.9
Piped to neighbor	14.6
Public outdoor tap	0.3
Protected well	0.3
Spring	0.1
Rainwater collection	0.0
Bottled water	
Unimproved sources	0.5
Unprotected well	2.6
Unprotected spring	0.0
Tanker-truck	
Cart with samll tank/drum	0.0
Surface water (river,stream, dam, lake,pond,canal,irrigatio n channel)	5.5
Other	0.3
Total	100.0
Percentage using improved sources of drinking water	91.0
Number of household members	2549.0

Source: BMIS, 2010

Table 24. Household Water Treatment, Punakha, (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	23.7
Boil	58.2
Add bleach / chlorine	0.0
Strain through a cloth	1.9
Use water filter	25.3
Solar disinfection	0.1
Let it stand and settle	13.5
Other	0.0
Don't know	0.0
Number of household members	2549.0
unimproved drinking water sources and using an appropriate drinking water sources	34.6
	228.0

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Punakha, (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	86.2
Less than 30 minutes	4.9
30 minutes or more	0.0
Missing/DK	0.0
Users of unimproved drinking water sources	
Water on premises	2.7
Less than 30 minutes	5.4
30 minutes or more	0.7
Missing/DK	0.1
Total	100.0
Number of household members	2549.0

Source: BMIS, 2010

Table 26. Types of Sanitation Facilities, Punakha, (2010)
Percent Distribution of Household Population According to Type of Toilet

Types of Sanitation facilities	2010
Type of toilet facility used by household	
Improved sanitation facility	
Flush toilet	0.1
Flush to septic tank(Without soak pit)	28.7
Flush to pit (latrine)	2.5
Flush to unknown place/not sure/DK where	0.2
Flush to septic tank (with soak pit)	6.6
Ventilated Improved Pit latrine (VIP)	0.0
Pit latrine with slab	26.5
Composing toilet	0.1
Unimproved sanitation facility	
Flush to somewhere else	0.4
Pit latrine without slab /open pit	29.9
Long drop latrine	0.5
Bucket	0.0
Other	0.4
Missing	0.0
Open defecation (no facility, bush, field)	
No facility,bush, field	4.2
Total	100.0
Number of household members	2549.0

Source: BMIS, 2010

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

Details	2008										Total	
	CPs	PS	LSs	MSS	HSS	College	Pvt.	Other Inst.	NFE Centres	Daycare Centres		
Number of schools and institutions	10	2	4	3	1	0	1	1	1	n.a	0	22
Teaching staff												
Bhutanese	61	30	67	69	31	0	0	0	n.a	n.a	0	-
Male	39	16	39	31	20	0	0	0	n.a	n.a	0	258
Female	22	14	28	38	11	0	0	0	n.a	n.a	0	145
Non-Bhutanese	0	0	5	10	11	0	0	0	n.a	n.a	0	113
Male	0	0	3	7	8	0	0	0	n.a	n.a	0	26
Female	0	0	2	3	3	0	0	0	n.a	n.a	0	18
Temporary teachers	0	0	0	0	0	0	0	0	n.a	n.a	0	8
Male	0	0	0	0	0	0	0	0	n.a	n.a	0	-
Female	0	0	0	0	0	0	0	0	n.a	n.a	0	-
Number of students	1244	726	1843	1826	722	0	804	70	n.a	n.a	0	7,235
Male	608	348	817	859	363	0	425	54	n.a	n.a	0	3,474
Female	636	378	1,026	967	359	0	379	16	n.a	n.a	0	3,761
Student to teacher ratio	20.39	24.20	25.60	23.11	17.19	0	n.a	n.a	n.a	n.a	0	25
2009												
Number of schools and institutions	10	2	4	3	1	1	1	1	1	n.a	1	
Teaching staff												
Bhutanese	60	29	73	66	31	n.a	n.a	n.a	n.a	n.a	n.a	259
Male	40	16	44	32	19	n.a	n.a	n.a	n.a	n.a	n.a	151
Female	20	13	29	34	12	n.a	n.a	n.a	n.a	n.a	n.a	108
Non-Bhutanese	0	0	5	11	11	n.a	n.a	n.a	n.a	n.a	n.a	27
Male	0	0	3	7	8	n.a	n.a	n.a	n.a	n.a	n.a	18
Female	0	0	2	4	3	n.a	n.a	n.a	n.a	n.a	n.a	9
Temporary teachers	0	0	0	0	0	n.a	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	n.a	0
Female	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	n.a	0
Number of students	1,275	692	1,911	1,899	666	73	866	95	n.a	n.a	n.a	7,477
Male	649	330	820	876	362	55	434	61	n.a	n.a	n.a	3,587
Female	626	362	1,091	1,023	304	18	432	34	n.a	n.a	n.a	3,890
Student to teacher ratio	21.25	23.86	24.50	24.66	15.86	n.a	n.a	n.a	n.a	n.a	n.a	110.1

2010											
Number of schools and institutions											
Teaching staff											
Bhutanese											
Male	77	28	83	86	32	26	28	11	28	2	401
Female	51	17	54	42	20	21	23	8	9	0	245
Non-Bhutanese	26	11	29	44	12	5	5	3	19	2	156
Male	0	0	10	15	10	0	13	4	0	0	52
Female	0	0	5	8	7	0	10	4	0	0	34
Temporary teachers	0	0	5	7	3	0	3	0	0	0	18
Male	0	0	0	0	0	0	0	0	0	0	0
Female	0	0	0	0	0	0	0	0	0	0	0
Number of students	1,282	622	1,912	2,139	675	80	893	72	578	11	8,264
Male	649	294	884	1,007	346	62	464	46	83	6	3,841
Female	633	328	1,028	1,132	329	18	429	26	254	5	4,182
Student to teacher ratio	16.65	22.21	23.04	21.18	16.07	3	22	5.14	20.64	6	20.06
2011											
Number of schools and institutions											
Teaching staff											
Bhutanese											
Male	76	28	93	118	43	75	41	1	27	1	
Female	76	28	86	104	34	73	25		25		
Non-Bhutanese	47	18	61	49	23		21		9		
Male	29	10	25	55	11		4		16		
Female	0	0	7	14	9	2	16		0		
Temporary teachers	0	0	3	7	6		11		0		
Male	0	0	4	7	3		5		0		
Female	0	0	0	0	0		0		0		
Number of students	1,393	622	1,929	2,139	675	151	893		317		
Male	705	294	895	1,007	346	121	464		85		
Female	688	328	1,034	1,132	329	30	429		232		
Student to teacher ratio	18.33	22.21	20.74	18.13	15.70	2.01	21.78	#DIV/0!	12.68	#DIV/0!	

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

Class	2008	2009	2010	2011	2012
Primary level					
Total	4,093	4,165	4,259	4,369	4170
Class PP	669	641.0	637.0	655	446
Class I	621	679.0	619.0	651	627
Class II	662	615	662	642	617
Class III	602	602	582	638	644
Class IV	580	618	630	603	656
Class V	507	548	603	610	566
Class VI	452	462	526	570	614
Male					
Total	1,951	1,983	2,048	2,121	2042
Class PP	334	342	320	343	237
Class I	305	338	332	311	316
Class II	319	291	316	349	309
Class III	292	277	273	281	332
Class IV	267	298	292	297	289
Class V	244	232	285	275	286
Class VI	190	205	230	265	273
Female					
Total	2,142	2,182	2,211	2,248	2128
Class PP	335	299	317	312	209
Class I	316	341	287	340	311
Class II	343	324	346	293	308
Class III	310	325	309	357	312
Class IV	313	320	338	306	367
Class V	263	316	318	335	280
Class VI	262	257	296	305	341
Secondary level					
Total	3,072	2,280	3,285	3,417	3508
Class VII	598	509	519	576	536
Class VIII	444	540	515	507	423
Class IX	492	406	598	600	418
Class X	478	436	481	579	626
Class XI	541	211	477	508	616
Class XII	519	178	695	647	889
Male					
Total	1,469	1,046	1,592	1,635	1699
Class VII	252	209	238	236	244
Class VIII	195	225	221	241	191
Class IX	220	193	273	268	204
Class X	230	196	241	273	286
Class XI	281	121	247	275	306
Class XII	291	102	372	342	468
Female					
Total	1,603	1,234	1,693	1,782	1809
Class VII	346	300	281	340	292
Class VIII	249	315	294	266	232
Class IX	272	213	325	332	214
Class X	248	240	240	306	340
Class XI	260	90	230	233	310
Class XII	228	76	323	305	421

Source: Dzongkhag Education Sector, Punakha

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

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total	4,079	4,155	4,314	4,369	4170
Age < 6 years	3	31	16	55	14
Age 6-12 years	3,324	3,392	3,571	3,549	3426
Age 13 & above	752	732	727	765	730
Male	1,958	1,983	2,070	2,123	2042
Age < 6 years	3	14	6	32	8
Age 6-12 years	1,608	1,632	1,716	1,719	1673
Age 13 & above	347	337	348	372	361
Female	2,121	2,172	2,250	2,246	2128
Age < 6 years	0	17	10	23	6
Age 6-12 years	1,716	1,760	1,855	1,830	1753
Age 13 & above	405	395	379	393	369
Student in LSS level (Class VII-VIII)					
Total	793	1,170	1,028	1,083	959
Age < 13 years	33	27	45	39	47
Age 13-14 years	333	416	405	411	414
Age 15 & above	427	727	578	633	498
Male	334	475	457	477	435
Age < 13 years	15	9	22	19	22
Age 13-14 years	131	158	173	179	187
Age 15 & above	188	308	262	279	226
Female	459	695	571	606	524
Age < 13 years	18	18	23	20	25
Age 13-14 years	202	258	232	232	227
Age 15 & above	239	419	316	354	272
Students in MSS level (Class IX-X)					
Total	1,232	843	1,079	1,179	1043
Age < 15 years	118	28	39	39	42
Age 15-16 years	471	285	427	457	405
Age 17 & above	643	530	613	683	596
Male	574	388	512	541	489
Age < 15 years	50	13	15	16	19
Age 15-16 years	208	130	180	193	178
Age 17 & above	316	245	317	332	292
Female	658	455	567	638	554
Age < 15 years	68	15	24	23	23
Age 15-16 years	263	155	247	264	227
Age 17 & above	327	285	296	351	304
Students in HSS level (Class XI-XII)					
Total	1,061	389	1,172	1,155	1505
Age < 17 years	13	22	71	79	88
Age 17-18 years	290	197	539	509	614
Age 19 & above	758	170	562	567	803
Male	581	223	619	617	774
Age < 17 years	5	9	35	38	30
Age 17-18 years	134	100	246	243	279
Age 19 & above	442	114	338	336	465
Female	480	166	553	538	731
Age < 17 years	8	13	36	41	58
Age 17-18 years	156	97	293	266	335
Age 19 & above	316	56	224	231	338

Source : Education Sector, Punakha.

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

Literacy Among Young Women	2010
Percentage literate	58.6
Percentage not known	0
Number of women age 15-24 years	144

Source: BMIS, 2010

Table 31. School Readiness, Punakha, (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	12.6
Number of children attending first grade of primary school	64

Source: BMIS, 2010

Table 32. Primary School Entry, Punakha, (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	63.8
Number of children of primary school entry age	53

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Punakha, (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	97.8
Percent attending grade 2 last year who are attending grade 3 this year	98.6
Percent attending grade 3 last year who are attending grade 4 this year	96.3
Percent attending grade 4 last year who are attending grade 5 this year	97.1
Percent attending grade 5 last year who are attending grade 6 this year	94.6
Percent who reach grade 6 of those who enter grade 0	83.5

Source: BMIS, 2010

Table 34. Education Gender Parity, Punakha, (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	93.8
Primary school adjusted net attendance ratio (NAR), boys	85.9
Gender parity index (GPI) for primary school adjusted NAR	1.09
Secondary school adjusted net attendance ratio (NAR), girls	65.2
Secondary school adjusted net attendance ratio (NAR), boys	46.2
Gender parity index (GPI) for secondary school adjusted NAR	1.41

Source: BMIS, 2010

Table 35. Summary of Crime Reports by Nature of Crime, Punakha, (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	22
Kidnapping and related offences	n.a	n.a	0
Sexual offence	n.a	n.a	1
Offence against infant, child, mentally disabled and incompetent person	n.a	n.a	1
Arson and related offences	n.a	n.a	0
Burglary, trespass and related offences	n.a	n.a	4
Larceny, robbery, armed robbery and related offences	n.a	n.a	16
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	0
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	4
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	1
Offences related to protected species, controlled and other harmful substances	n.a	n.a	1
Motor vehicle offences	n.a	n.a	14
Others	n.a	n.a	4
Total crimes	n.a	n.a	68

Source: Royal Bhutan Police, Punakha Dzongkhag

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

Month	(Incident)		
	2009	2010	2011
January	2	n.a	3
February	2	n.a	1
March	3	1	4
April	2	2	1
May	4	1	1
June	2	1	1
July	3	1	0
August	1	n.a	0
September	2	3	0
October	2	n.a	0
November	0	n.a	1
December	3	1	2
Total	26	10	14

Source: Royal Bhutan Police, Punakha Dzongkhag

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

Details	(Incident)		
	2009	2010	2011
Mechanical fault	n.a	n.a	2
Drunk driving	n.a	n.a	1
Bad weather	n.a	n.a	1
Without licence	n.a	n.a	1
Unknown causes	n.a	n.a	1
Other causes	n.a	n.a	8
All causes	n.a	n.a	14

Source: Royal Bhutan Police, Punakha Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Punakha, (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	46.5
If she neglects the children	57.3
If she argues with him	48.3
If she refuses sex with him	37.8
If she burns the food	25.9
For any of these reasons	62.2
Number of women age 15-49 years	506

Source: BMIS, 2010

Table 39. Land Area and Damages Caused by Types, Punakha, (2007 ~ 2010)

Details	2007	2008	2009	2010
Dzongkhag area (Sq. Km)	974.00	1,108.26	1,108.26	1,108.26
Total cultivated land (Acres) ¹	n.a	n.a	n.a	n.a
Damages caused by landslides ²	n.a	n.a	n.a	n.a
Farmland (acres)	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a
Damages caused by floods ²	n.a	n.a	n.a	n.a
Farmland (acres)	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a

Crops affected by drought (acres)	n.a	n.a	n.a	n.a
Crops damaged by wild animals (acres)	n.a	n.a	n.a	n.a
Incidence of earthquake (Number of cases reported) ²	n.a	n.a	n.a	n.a
Houses damaged by earthquakes (Number)	n.a	n.a	n.a	n.a
Number of forest fires ³	n.a	n.a	n.a	n.a
Acreage destroyed by forest fires	n.a	n.a	n.a	n.a
Acreage of reforestation ³	n.a	n.a	n.a	n.a
Houses/structures damaged by fires (Number) ³	n.a	n.a	n.a	n.a

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

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

Month/ Temperature	2010			2011		
	(Degree Celsius)			(Degree Celsius)		
	Maximum	Minimum	Average	Maximum	Minimum	Average
January	18	5	12	19.7	7.3	13.5
February	14	1	8	24.1	9.4	16.8
March	16	6	11	28.7	11.2	20.0
April	19	9	14	30.7	16.0	23.4
May	26	14	20	32.0	20.3	26.2
June	31	21	26	32.4	22.3	27.4
July	33	22	27	32.7	21.4	27.1
August	31	22	27	32.4	21.3	26.9
September	31	21	26	31.8	20.9	26.4
October	29	18	24	29.5	17.7	23.6
November	25	14	20	24.3	10.1	17.2
December	23	6	15	20.4	5.5	13.0
Annual	25	14	19	28.2	15.3	21.8

Source: SYB, NSB

Table 41. Average Monthly Rainfall, Punakha, (2010, 2011)

Month/ Monthly Rainfall	(Millimeter)		(Millimeter)	
	Punakha Dzong	Shengana	Punakha Dzong	Shengana
January	0	0	1.2	n.a
February	2	3	7.7	n.a
March	10	13	11.9	n.a
April	30	41	34.4	n.a
May	62	76	95.6	n.a
June	143	125	142.7	n.a
July	251	372	110.1	n.a
August	98	213	101.3	n.a
September	120	256	91.7	n.a
October	37	103	17.1	n.a
November	8	19	0	n.a
December	4	0	0	n.a
Annual	764	1221	613.7	n.a

Source: SYB, NSB

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

Details	2010
Forest coverage (%) ²	86.3
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, Punakha, (2010)

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	16.1
Put / Rinsed into toilet or latrine	32
Put / Rinsed into drain or ditch	43.4
Thrown into garbage (solid waste)	3.2
Buried	0
Left in the open	3.8
Other	1.5
Total	100
Percentage of children whose stools were disposed of safely	48.1
Number of children age 0-2 years	141

Source: BMIS 2010

Table 44. Parliamentarians and Local Government Representatives, Punakha, (2008 & 2011)

Details	2008	2011
Local governance (Number)		
Parliamentarians	3	3
Male	3	3
Female	0	0
Gups	11	11
Male	11	11
Female	0	0
Total gewog tshogpas ¹	90	37
Male	67	32
Female	13	5
Total Mangmis ¹	11	11
Male	11	11
Female	0	0
DYT members ²	23	22
Male	23	22
Female	0	0
GYT members ¹	96	62
Male	83	57
Female	13	5
Polling stations ²	30	55
Eligible voters (18 years and above) ²	12,582	13,369
Male	6,224	6,404
Female	6,358	6,965
% of Voters turnout during election		67
Male	n.a	n.a
Female	n.a	n.a
Total election staff in Dzongkhag	3	3
Male	1	2
Female	2	1

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

Table 45. Parliamentarians and Local Government Election Expenditures, Punakha, (2008 & 2011)

Details	Amount (Nu)
2008	
Parliamentarians (Number)	n.a
National council	n.a
National assembly	n.a
2011	
Local government	
Gup	128,255.08
Mangmi	64,385.68
Tsogpa	13,900.51

Source: Election Office, Punakha Dzongkhag

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

Details	FY 2008-2009		FY 2009-2010		FY 2010-2011		FY 2011-2012		Total Expenditure 2008-2012	Total Expenditure 2008-2012
	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Sectors	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Adm & Management	n.a	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	n.a
Livestock	n.a	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	n.a
Education	n.a	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	n.a
Works & Human Settlement	n.a	n.a	n.a	n.a	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	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	n.a

Source: Planning & Finance Section, Punakha Dzongkhag

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

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	68.743	24.865	n.a	75.897
Agriculture	28.132	42.752	n.a	92.921
Livestock	21.903	11.885	n.a	9.817
Forestry	5.195	5.588	n.a	11.670
Education	160.261	132.607	n.a	331.270
Health	56.624	22.878	n.a	85.890
Urban development & housing	7.781	60.400	n.a	119.745
Roads	7.229	2.036	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	355.868	303.011	n.a	n.a
Total plan outlay			n.a	n.a

Source: Dzongkhag Administration, Punakha

Table 48. Dzongkhag 9th and 10th Five Year Plan Expenditure, Punakha.

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	119.5	23.2	107.010	149.525
Agriculture	22.4	1.8	21.368	22.833
Livestock	23.9	5.0	21.630	16.637
Forestry	10.5	2.9	12.405	19.063
Education	258.0	119.9	367.814	101.520
Health	40.6	0.9	67.726	12.995
Urban development & housing	27.6	22.5	32.925	47.922
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		737.9	630.878	370.495

Source: Dzongkhag Administration, Punakha

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

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	4.275	9.367	n.a	33.327
Agriculture	n.a	37.475	n.a	85.131
Livestock	n.a	3.335	n.a	3.890
Forestry	n.a	2.558	n.a	5.020
Education	n.a	6.880	n.a	
Health	n.a	12.376	n.a	19.400
Urban development & housing	n.a	2.036	n.a	4.505
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	4.275	74.028	n.a	151.273

Source: Planning Unit, Punakha Dzongkhag

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

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

Details	(Number)				
	2008	2009	2010	2011	2012
Total	n.a	n.a	n.a	13,500	15,082
Male	n.a	n.a	n.a	6,700	6,962
Female	n.a	n.a	n.a	6,800	8,120
Rural Total	n.a	n.a	n.a	12,600	13,784
Male	n.a	n.a	n.a	6,300	6,354
Female	n.a	n.a	n.a	6,300	7,430
Urban Total	n.a	n.a	n.a	900	1,298
Male	n.a	n.a	n.a	400	609
Female	n.a	n.a	n.a	500	689

Source: Labour Force Survey, MoLHR

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

Details	2009			2011		2012	
	2009	2010	2011	2011	2012	2011	2012
Total labour force (Number)	n.a	n.a	13,600	13,600	15,327		
Total employed (%)	n.a	n.a	99.3	99.3	98.4		
Male	n.a	n.a	100.0	100.0	98.4		
Female	n.a	n.a	98.6	98.6	98.4		
Unemployment rate	n.a	n.a	0.7	0.7	1.6		
Total employed in Agriculture (%)	n.a	n.a					
Male	n.a	n.a	5,300.0	5,300.0	4839		
Female	n.a	n.a	5,400.0	5,400.0	7,047		
Total employed in Industries (%)	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		

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	100.0	n.a	n.a
Total unemployed grade XII and above	n.a	-	n.a	n.a
Total unemployed below grade XII	n.a	100.0	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, Punakha, (2010)

Percentage of Children by Involvement in Economic Activity

Child labour	2010
Percentage of children age 5-11 involved in Economic activity	
Working outside household	
Paid work	0.5
Unpaid work	0.2
Working for family business	21.9
Economic activity for at least one hour	22.2
Household chores less than 28 hours	27.0
Household chores for 28 hours or more	0.0
Child labour	22.2
Number of children age 5-11	404.0
Percentage of children age 12-14 involved in Economic activity	
Working outside household	
Paid work	0.7
Unpaid work	0.0
Working for family business	36.0
Economic activity less than 14 hours	32.2
Economic activity for 14 hours or more	3.8
Household chores less than 28 hours	49.0
Household chores for 28 hours or more	0.4
Child labour	4.2
Number of children age 12-14	198.0
Total child labour [1]	16.3
Number of children age 5-14 years	602.0

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Punakha Dzongkhag), (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	16.3
Percentage of children attending school	82.8
Number of children age 5-14 years	602
Percentage of child labourers who are attending school	89.7
Number of children age 5-14 years involved in child labour	98
Percentage of children attending school who are involved in child labour	17.6
Number of children age 5-14 years attending school	498

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Paddy					
Area (Acres)	n.a	6,413	6,343	5,987.75	6,522
Production (MT)	n.a	12,087	11,433	11,236.08	12,425
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Maize					
Area (Acres)	n.a	77	288	219.04	176
Production (MT)	n.a	382	480	180.53	205
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Wheat					
Area (Acres)	n.a	772	873	817.08	707
Production (MT)	n.a	569	1,296	551.45	622
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Barley					
Area (Acres)	n.a	46	50	4.36	26
Production (MT)	n.a	26	31	0.72	19
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Buckwheat					
Area (Acres)	n.a	88	74	105.45	24
Production (MT)	n.a	39	30	57.18	26
Price per Kg(Nu.)	n.a				n.a
Millet					
Area (Acres)	n.a	n.a	n.a	n.a	11
Production (MT)	n.a	n.a	n.a	n.a	4
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a

Fruits									
Apples									
Number of fruit bearing trees	n.a	263	61	61.00	201				
Production (Kg)	n.a	40,000	1,650	3,290.00	4,000				
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a				
Oranges/ Mandarin									
Number of fruit bearing trees	n.a	9,256	10,736	10,736.00	20,223				
Production (Kg)	n.a	21,890	330,090	330,090.00	379,000				
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a				
Banana									
Number of fruit bearing trees	n.a	495	3,212	n.a	2,386				
Production (Kg)	n.a	22,500	87,720	n.a	27,000				
Price per Dozen(Nu.)	n.a	n.a	n.a	n.a	n.a				
Pear									
Number of fruit bearing trees	n.a	372	289	289.00	2,094				
Production (Kg)	n.a	34,333	91,920	91,920.00	57,000				
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a				
Plum									
Number of fruit bearing trees	n.a	75	n.a	n.a	567				
Production (Kg)	n.a	40,000	n.a	n.a	15,000				
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a				
Areca Nut									
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)	n.a	417,100	454,630	474,620.00	117,000	
Production (Nu.)	n.a				n.a	
Price per Kg(Nu.)	n.a				n.a	
Chili						
Production (kg)	n.a	882,200	856,400	1,074,680.00	771,000	
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	
Onion						
Production (kg)	n.a	59,900	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	
Cabbage						
Production (kg)	n.a	35,560	n.a	n.a	36,000	
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	
Cauliflower						
Production (kg)	n.a	n.a	n.a	n.a	3,000	
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	
Asparagus						
Production (Bundles)	n.a	n.a	n.a	n.a	1000 kg	
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	
Price per bunddle (Nu.)	n.a	n.a	n.a	n.a	n.a	
Tomato						
Production (Kg)	n.a	16,082	126,340	98,970.00	33,000	
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)	n.a	138,010	135,270	83,190.00	89,000	
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)	n.a	386,410	420,200	401,370.00	281,000	
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, Punakha Dzongkhag

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

Details	2007	2008	2009	2010	2011
Irrigation for agriculture					
Number of irrigation channels	n.a	132	138	142	n.a
Functional	n.a	n.a	135	138	n.a
Non-Functional	n.a	n.a	3	4	n.a
Total length of channels (Km)	n.a	400	413	415	n.a
Area covered by irrigation (Acres)	n.a	6,774	8,156	7,969	n.a
Number of households benefitted	n.a	2,489	3,348	3,348	n.a
Number of food processing units	n.a	0	0	0	0
Number of agriculture mills ¹	n.a	520	532	537	n.a
Number of livestock product processing units	n.a	0	0	0	0
Number of farmer association/groups	n.a	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	11	12	n.a
Livestock	n.a	n.a	5	n.a	n.a
Forestry	18	18	22	28	n.a
Number of power tillers	n.a	312	310	318	n.a

Note: ¹Including two traditional mills

Source: Agriculture Sector, Punakha Dzongkhag

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

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle					
Local breed	9,215	9,510	10,297	11,636	n.a
Male	7,739	7,515	7,206	8,034	n.a
Female	2,790	3,130	3,455	3,918	3,627
Improved breed	4,949	4,385	3,751	4,116	4,256
Male	1,476	1,995	1,844	2,086	n.a
Female	485	671	540	570	661
Mithun	991	1,324	1,304	1,516	1,902
Bufallo	1,974	1,851	1,247	1,516	1,290
Male	0	0	0	0	0
Female	0	0	0	0	0
Horse	655	648	607	487	563
Local breed	n.a	n.a	595	480	563
Improved breed	n.a	n.a	12	3	n.a
Yak	0	0	0	0	0
Male	0	0	0	0	0
Female	0	0	0	0	0
Sheep	0	0	2	133	n.a
Local breed	0	0	2	133	98
Improved breed	0	0	0	0	0
Pig	1,549	1,077	1,463	737	n.a
Local breed	887	711	570	462	407
Improved breed	662	366	286	275	284
Poultry	4,364	3,854	8,756	6,484	n.a
Local breed	3,044	2,803	3,486	3,145	3,494
Improved breed	1,320	1,051	5,270	3,339	4,943
Goat	15	36	98	117	188

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Punakha Dzongkhag

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

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	726,913.00	810,968.00	718,100.00	959,376.60	1,033,093
Price per liter (Nu.)					45
Butter (Kg)	32,752.00	52,078.00	35,905.00	47,968.30	50,791
Price per Kg (Nu.)					300
Fresh Cheese (Kg)	739,619.00	190,043.00	64,629.00	86,343.89	118,769
Price per Kg (Nu.)					200
Processed cheese (kg)					
Price per Kg (Nu.)	N.A	N.A	N.A	N.A	N.A
Eggs (dozen)	289,156.00	233,183.00	13,883.25	32,791.92	67,534
Price per piece (Nu.)					8
Fish (Kg)					
Price per Kg (Nu.)	N.A	N.A	N.A	N.A	N.A
Beef (Kg)					
Price per Kg (Nu.)	0.00	0.00	38,078.00	15,248.00	18,950
Pork (Kg)					
Price per Kg (Nu.)	25,311.00	27,590.00	9,508.00	12,260.00	170
Yak Meat (Kg)					
Price per Kg (Nu.)	N.A	N.A	N.A	N.A	N.A
Mutton (Kg)					
Price per Kg (Nu.)	N.A	N.A	N.A	N.A	N.A
Honey (Liters)					
Price per liter (Nu.)	n.a	n.a	n.a	n.a	200
Chicken (Kg)					
Price per Kg (Nu.)	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	N.A	N.A
	N.A	N.A	N.A	N.A	N.A

Source: Livestock Sector, Punakha Dzongkhag

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

Details	2007	2008	2009	2010	2011
Wood Forest Product¹					
Log Form (Cft)	n.a	9,240	27,000	n.a	1,804
Price per Cft(Nu.)					40
Fire wood (Cubic metres)	8,336	8,024	521	10,520	777
Price per Cubic metre(Nu.)					180
Flag Poles (Number of trees)	1,555	1,080	5,380	2,532	18,798
Price per tree(Nu.)	n.a	n.a	n.a	n.a	4
Shinglap (Number of trees)	n.a	236	92	59	45
Price per tree(Nu.)	n.a	n.a	n.a	n.a	40
Cham (Number of trees)	n.a	13,891	6,784	5,340	8,669
Price per tree(Nu.)	n.a	n.a	n.a	n.a	30
Tsim (Number of trees)	n.a	11,373	4,568	1,601	3,039
Price per tree(Nu.)	n.a	n.a	n.a	n.a	12
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)					
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)	926	30	72	99	16
Price per cft(Nu.)	n.a	n.a	n.a	n.a	40
Stones (Truck load)	1,207	146	595	311	128
Price per cft(Nu.)	n.a	n.a	n.a	n.a	40
Bamboo (Number)	876	505	2,037	2,000	1,904
Price per piece (Nu.)	n.a	n.a	n.a	n.a	1.60

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)	n.a	n.a	n.a	n.a	n.a
Quarry Sites	n.a	n.a	n.a	n.a	n.a
Municipal Waste Disposal Sites	n.a	1	1	1	1
Environmental Clearance Issued	13	14	43	37	n.a

Note: Cordyceps amount collected only for auction royalty charges.

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

Table 60. Electricity Generating Stations and Capacities, Punakha, (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)
Diesel generation stations	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

Source: Department of Energy, MoEA, Punakha

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

Details	2009	2010	2011	2012
Total number of household in Urban	992	1009	1026	n.a
Total number of household in Rural	4152	4226	4299	n.a

Sorce: BMIS, 2010

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

new builidings	2009	2010	2011	2012
Khuruthang	3	4	3	n.a

Source: Dzongkhag Municipal, Punakha Dzongkhag

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

Details	2009	2010	2011
Industries by type (Number)			
Agro based	1	1	1
Forestry based	4	7	8
Mineral based	1	1	1
Others	0	0	1
Industries by scale (Number)	n.a	31	436
Large	n.a	0	3
Medium	n.a	2	6
Small	n.a	4	24
Cottage	n.a	25	403
Contract firms (Number)	293	305	321
Large	n.a	1	n.a
Medium	n.a	8	n.a
Small	n.a	37	n.a

Source: Regional Trade Office, Thimphu

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

Details	(Number)				
	2007	2008	2009	2010	2011
Trade and Industries					
Micro & retail trade licences issued	n.a	26	38	111	79
Micro & retail trade licences in operation	n.a	26	38	109	77
Wholesale trade licences issued	n.a	74	6	0	0
Wholesale trade licences in operation	n.a	4	6	0	0
Services licences issued	n.a	346	n.a	28	29
Services licences in operation	n.a	174	n.a	28	29
Manufacturing licences issued	n.a	7	n.a	3	1
Manufacturing licences in operation	n.a	4	n.a	3	1

Source: Regional Trade Office, Thimphu

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

Details	(Number)				
	2007	2008	2009	2010	2011
Public Service Transport					
Bus	n.a	n.a	5	5	4
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	n.a	n.a	5	5	6
Bus stations	1	1	1	1	2

Source: RSTA Regional Office, Punakha

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

Details	(Number)				
	2007	2008	2009	2010	2011
Roads (Length in Km)	196.6	289.5	353.0	364.29	425.9
Farm roads ¹	62	140	170	180.89	242.5
Feeder roads ²	49.4	49.4	46.4	46.4	46.4
Forest roads ¹	59	59	59	59	59
Highways/Dzongkhag roads	27	41	78	78	78
Bridges (Number)					
Suspension bridge ¹	3	3	3	3	3
Suspended ¹	4	4	4	4	4
Bailey bridges ²	6	6	6	6	6
Traditional bridges ¹	1	1	1	1	1

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

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

Telecommunications	(Number)					
	2007	2008	2009	2010	2011	2012
Households with fixed telephone connections	650	635	550	490	470	450
Tashi cell users	n.a	n.a	2,000	3,400	5,500	11,849
B.mobile users	1,000	3,500	5,000	9,000	12,000	19,375
Community information centres	0	0	0	0	3	5
Gewogs accessible to mobile services	3	5	8	11	11	11
Households with internet access	0	0	57	89	250	337
Bhutan post office	1	1	1	1	1	1

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

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

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

Source: Financial Institutions, Punakha Dzongkhag

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

Number of facilities	Number of account holders (2010)						Number of account holders (2011)												
	Loan			savings			recurring deposit			Loan			savings			recurring deposit			
	nt	fixed	deposit	nt	fixed	deposit	nt	fixed	deposit	nt	fixed	deposit	nt	fixed	deposit	nt	fixed	deposit	
RICBL	43	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	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	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
BDBL	612	1361	0	185	N.A	172	1524	2149	1	219	261								
BNBL	N.A	N.A	N.A	N.A	N.A	N.A	0	186	6	40	20								
DPNBL	N.A	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	N.A								
BOBL	737	4023	180	400	741	741	748	4621	235	220	452								

Source: Financial Institutions, Punakha Dzongkhag

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

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Dzongkhags	0	0	0	0	0	0
Gewogs	9	11	11	11	11	11
Chiwogs	66	79	79	79	55	55
Villages	n.a	n.a	n.a	n.a	n.a	n.a
Households	n.a	n.a	n.a	n.a	n.a	n.a
Towns	1	1	1	1	1	1
Number of Police stations	1	1	1	1	1	1

Source: Dzongkhag Administration, Punakha Dzongkhag

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

Details	2007	2008	2009	2010	2011	2012
Number of children park	0	0	0	0	0	0
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	1	1	1	2	3	2
Number of discotheques	1	1	2	2	2	2
Number of foreign tourist visi	n.a	n.a	n.a	n.a	n.a	n.a

Source: Regional Office, MoEA, Punakha Dzongkhag



**Annual Dzongkhag Statistics
2012**



**Dzongkhag Administration
Samtse**

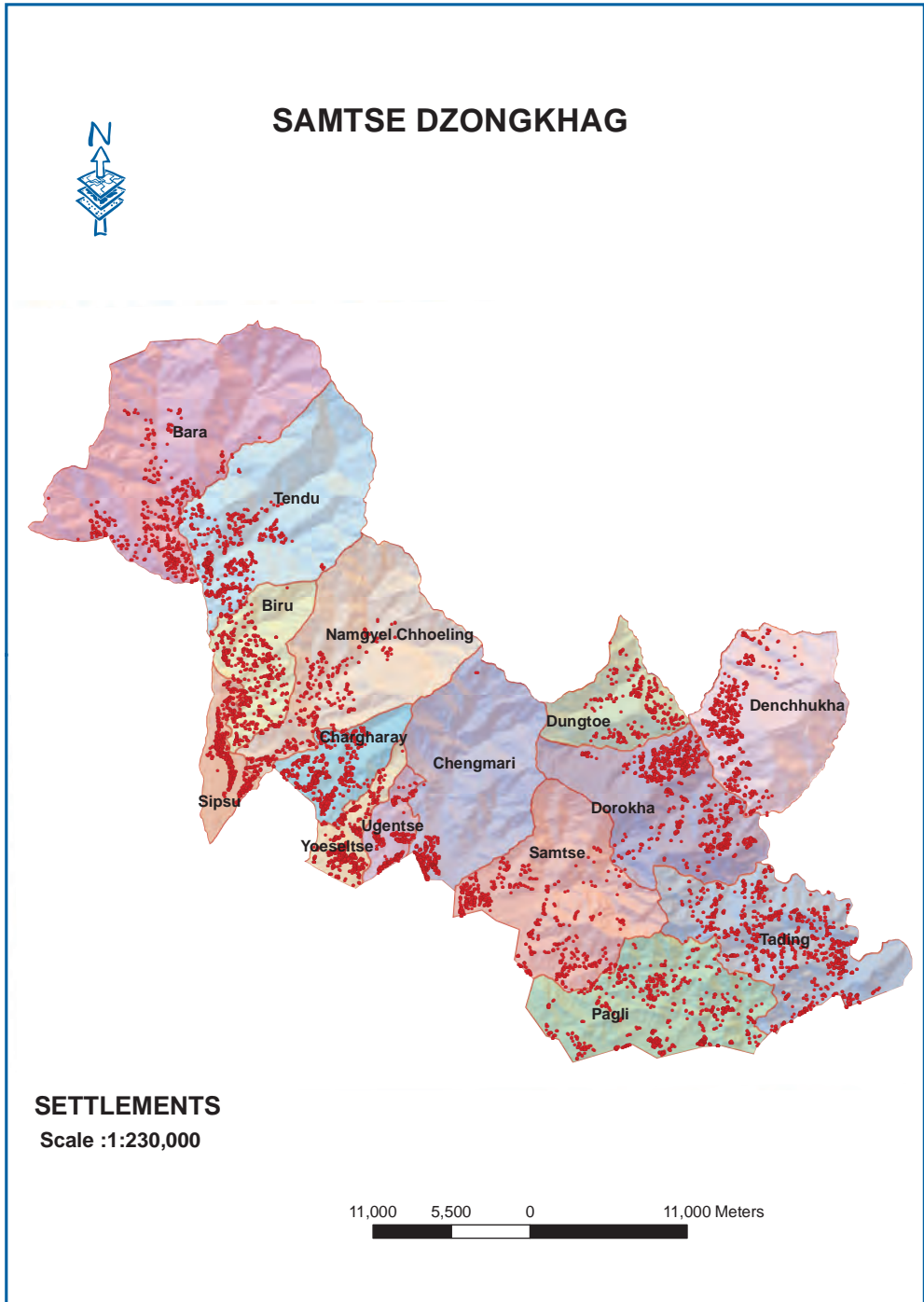
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Preface

The Annual Dzongkhag Statistics of Samtse is the third in the series of publications. It attempts to provide comprehensive statistics of Samtse 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, Samtse 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
Samtse**

Background

Samtse Dzongkhag lies in the South Western part of Bhutan bordered by Chukha Dzongkhag in the east, Ha Dzongkhag in the north and Indian State of West Bengal and Sikkim in the south and west respectively. The Dzongkhag has a total area of approximately 1309.1 Sq. Km. The major portion of the Dzongkhag falls within the sub-tropical belt with elevations ranging from 200-3500 meters above sea level.

The Dzongkhag Administration unit comprises of 2 Dungkhags namely; Dorokha and Sipsu and has 15 Gewogs viz; Biru (Pemaling), Bara (Norgaygang), Chargaharey (Sang-Ngag-Chholing), Chengmari (Norboogang), Denchukha, Dorokha (Dophoogchen), Dungtoe (Dungtoed), Ghumaunay (Yoseltse), Lahereni (Namgaycholing), Pagli (Phuentshoplei), Samtse, Sipsu (Tashicholing), Tading, Tendu & Ugyentse.

The Drungkhag Administration Office and Gewog centers are connected with telecommunication facilities. Existence of such infrastructures and with normalization of security situation, the Dzongkhag has significantly improved its socio-economic development.

With large fertile plain area, rich mineral deposits and sub-tropical climate, the Dzongkhag has high potential for agricultural and economic activities. A favorable terrain condition coupled with construction of new roads has brought manifold changes in the socio-economic development of Samtse. It is considered as one of the prosperous Dzongkhags in the Country. The main source of income of the people of this Dzongkhag is from cash crops like cardamom, oranges, ginger and areca nut.

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, samtse, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	60,100	61,136	62,187	63,245	64,314	65,387	66,459	67,525
0-4	6,025	6,468	6,885	7,299	7,708	8,108	8,065	8,008
5-9	6,794	6,356	6,199	6,066	5,956	5,868	6,288	6,705
10-14	7,518	6,842	6,746	6,633	6,514	6,397	6,230	6,087
15-19	6,474	6,726	6,761	6,786	6,791	6,769	6,715	6,634
20-24	6,391	6,318	6,381	6,436	6,487	6,535	6,586	6,632
25-29	5,201	5,663	5,786	5,896	5,997	6,090	6,175	6,248
30-34	4,068	4,712	4,879	5,053	5,223	5,382	5,526	5,657
35-39	3,614	3,936	4,047	4,161	4,285	4,426	4,587	4,760
40-44	3,059	3,197	3,316	3,443	3,569	3,695	3,814	3,931
45-49	2,801	2,632	2,705	2,782	2,869	2,967	3,077	3,200
50-54	2,297	2,171	2,232	2,295	2,363	2,433	2,506	2,581
55-59	1,610	1,781	1,823	1,868	1,918	1,972	2,029	2,091
60-64	1,366	1,437	1,468	1,502	1,537	1,576	1,617	1,660
65+	2,882	2,897	2,959	3,025	3,096	3,169	3,244	3,328
Male	31,306	31,791	32,285	32,781	33,283	33,792	34,309	34,828
0-4	3,072	3,221	3,430	3,638	3,843	4,044	4,023	3,995
5-9	3,542	3,182	3,098	3,027	2,968	2,921	3,133	3,344
10-14	3,889	3,452	3,397	3,334	3,269	3,205	3,117	3,042
15-19	3,150	3,441	3,444	3,444	3,436	3,416	3,382	3,336
20-24	3,357	3,333	3,343	3,347	3,350	3,354	3,364	3,375
25-29	2,642	3,037	3,096	3,147	3,190	3,225	3,252	3,270
30-34	2,122	2,556	2,640	2,726	2,810	2,888	2,960	3,025
35-39	1,898	2,142	2,203	2,264	2,329	2,402	2,485	2,573
40-44	1,584	1,717	1,786	1,860	1,933	2,005	2,072	2,137
45-49	1,497	1,400	1,439	1,481	1,529	1,584	1,648	1,720
50-54	1,231	1,150	1,182	1,215	1,251	1,288	1,327	1,368
55-59	878	938	960	983	1,009	1,037	1,067	1,100
60-64	802	750	766	783	801	821	842	865
65+	1,642	1,472	1,501	1,532	1,565	1,602	1,637	1,679

Female	28,794	29,345	29,902	30,464	31,030	31,595	32,150	32,697
0-4	2,953	3,247	3,455	3,661	3,865	4,064	4,042	4,012
5-9	3,252	3,174	3,101	3,039	2,988	2,947	3,155	3,361
10-14	3,629	3,390	3,349	3,299	3,245	3,192	3,113	3,045
15-19	3,324	3,285	3,317	3,342	3,355	3,353	3,333	3,299
20-24	3,034	2,985	3,038	3,089	3,137	3,181	3,222	3,258
25-29	2,559	2,626	2,690	2,749	2,807	2,865	2,923	2,979
30-34	1,946	2,156	2,239	2,327	2,413	2,494	2,566	2,633
35-39	1,716	1,794	1,844	1,897	1,956	2,024	2,102	2,187
40-44	1,475	1,480	1,530	1,583	1,636	1,690	1,742	1,794
45-49	1,304	1,232	1,266	1,301	1,340	1,383	1,429	1,480
50-54	1,066	1,021	1,050	1,080	1,112	1,145	1,179	1,213
55-59	732	843	863	885	909	935	962	991
60-64	564	687	702	719	736	755	775	795
65+	1,240	1,425	1,458	1,493	1,531	1,567	1,607	1,650

~ 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, Samtse, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	60,100	61,136	62,185	63,245	64,314	65,387	66,459	67,525
Population density (Persons per Sq. Km)	38	47	48	48	49	50	51	52
Population sex ratio	109	108	108	108	107	107	107	107

Source: Dzongkhag Population Projection 2006-2015

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

Age-group	2008	2009	2010	2011
Live births				
Male	599	552	1,016	433
Female	530	506	517	498
Total deaths				
Male	124	133	110	184
Female	108	100	94	135
Infant deaths				
Male	9	4	2	9
Female	5	1	3	5
Marriages certificate issued	145	160	455	362
Number of divorces	16	27	16	18

ω

Source: Dzongkhag Health Sector & Court, Samtse Dzongkhag

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

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	63
Total fertility rate	3

Source: BMIS, 2010

Table 5. Early Childbearing, Samtse, (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	8.5
Are pregnant with first child	3.6
Have begun childbearing	12.2
Have had a live birth before 15	0.7
Number of women age 15~19	251.0
% of women age 20~24 who have had a live birth before age 18	18.7
Number of women age 20~24	274.0

Source: BMIS, 2010

Table 6. Use of Contraception, Samtse, (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	32.9
Percent of women (currently married or in union) who are using	
Female sterilization	9.1
Male sterilization	21.5
IUD	1.0
Injectables	21.8
Implants	0.0
Oral contraceptive Pill	10.3
Male condom	3.2
Female condom	0.0
Foam/ jelly	0.0
Lactational amenorrhoea method (LAM)	0.0
Periodic abstinence/ rhythm	0.2
Withdrawal	0.0
Other	0.0
Any modern method	66.9
Any traditional method	0.2
Any method	67.1
Number of women currently married or in union	1,143.0

Source: BMIS, 2010

Table 7. Antenatal Care Provider, Samtse, (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	17.5
Nurse/ midwife	57.7
HA/ BHW	24.0
Assistant clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.0
Other/ missing	0.0
No antenatal care received	0.8
Total	100.0
At Least once by skilled personnel	99.2
Number of women who gave birth in the preceding 2 years	221.0

Source: BMIS, 2010

Table 8. Number of Antenatal Care Visits, Samtse, (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	0.8
1 Visits	1.5
2 Visits	3.7
3 Visits	7.2
4 or more visits	86.8
Missing/ DK	0.0
Total	100.0
Number of women who gave birth in the preceding 2 years	221.0

Source: BMIS, 2010

Table 9. Assistance During Delivery, Samtse, (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	8.2
Nurse / Midwife	49.4
HA/BHW	5.3
Asst. clinical officer (ACO)	0.0
Traditional birth attendant	2.2
Village health worker	0.0
Relative / friend	27.9
Other/missing	5.3
No attendant	1.7
Total	100
Any skilled personnel	62.9
Percent delivered by C-section	11.4
Number of women who gave birth in preceding two years	221.0

Source: BMIS, 2010

Table 10. Place of Delivery, Samtse, (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	59.9
Private sector health facility	0.0
Home	40.1
Other	0.0
Total	100.0
Delivered in health facility [1]	59.9
Number of women who gave birth in preceding two years	221.0

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Number of hospitals	3	3	3	3	3
Number of BHUs					
BHU grade I	0	0	0	0	0
BHU grade II	9	9	9	9	9
Number of ORCs	19	20	21	24	40
Number of indigenous units	2	2	2	2	2
Number of doctors	7	9	9	7	7
Number of hospital/BHU beds	89	89	89	89	89
Persons per doctor	8,884	7,027	7,146	9,341	9,646
Persons per hospital bed	699	711	723	734	756
Total morbidity attendance	97,506	110,163	123,004	129,945	115,112
Health assistants	17	17	20	22	22
Basic health workers	9	9	9	8	10
Sister and nurses	26	30	31	25	22
Technicians	16	18	33	29	34
Indigenous dungtsho	1	1	1	1	1
Indigenous compounders/Menpas	2	2	2	2	2
Malaria workers	8	8	8	9	9
Village health workers	96	119	105	105	105
Number of children immunized					
Polio	1,051	1,306	1,189	1,110	1,024
DPTH	1,045	1,303	1,189	1,087	1,024
Measles	1,078	1,341	1,187	1,158	1,089
BCG	1,015	1,130	938	889	812
Others	n.a	n.a	n.a	n.a	n.a

Source: Dzongkhag Health Sector, Samtse Dzongkhag

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

	2007	2008	2009	2010	2011
Average admission					
Hospital admission	2,450	3,359	3,213	3,304	3429
Total	2,725	3,807	3,694	3,808	3980
Patient days	12,104	15,834	16,076	13,434	15225
Average days	4.4	4.2	4.3	3.5	3.8
BHU admission	275	448	481	504	551

Source : Annual Health Bulletin, MoH

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

Details	2007	2008	2009	2010	2011
Surgeries					
Caesarian Section	131	12	8	11	0
General Abdominal	58	159	109	134	0
General Others	419	1024	745	384	974
Orthopaedic extremities	36	1	51	2	2
Orthopaedic Others	67	190	177	158	97
Gynaecology	99	17	13	5	12
ENT	8	2	180	2	0
Eye	6	5	713	226	3

Source: Annual Health Bulletin, MoH

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

Dental Services	2007	2008	2009	2010	2011
Prophylaxis	607	441	223	698	616
Scaling	-	18	-	-	0
Fillings	1,023	934	672	1,207	844
Extractions	1,613	1,006	968	791	755
Others	979	814	1,359	1,112	1076

Source: Annual Health Bulletin, MoH

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

Priority health problem/ Disease	2007	2008	2009	2010	2011
Diarrhoea	5,415	6,272	7,361	5,202	5,412
Conjunctivitis	3,890	2,601	3,121	6,405	3,039
Dysentery	1,566	1,480	1,931	974	1,116
Typhoid	111	131	123	0	0
Sexually transmitted disease, excluding HIV/AIDS	41	30	48	21	28
Diabetes	53	79	76	88	103
Tuberculosis	85	69	137	120	109
Early syphilis	1	0	2	0	0
Cholera	0	0	0	1	0
Tetanus	3	0	0	2	0
Diphtheria	0	0	0	3	0
Pertussis	0	0	0	4	0

Source: Dzongkhag Health Sector, Samtse, Dzongkhag

Table 16. Child Disability, Samtse, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	5.8
Difficulty seeing, either in the daytime or at night	3.7
Appears to have difficulty hearing	2.6
No understanding of instructions	3.6
Difficulty in walking moving, moving arms, weakness or stiffness	3.0
Have fits, become rigid, lose consciousness	2.9
Not learning to do things like other children his/her age	5.2
No speaking cannot be understood in words	3.1
Appears mentally backward, dull, or slow	2.1
Speech is not normal	16.2
Number of children aged 3-9 years	1,219
Cannot name at least one object	27.4
Number of children aged 2 years	174
Percentage of children 2-9 years of age with at least one reported disability*	31.1
Number of children aged 2-9 years	1,394

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Samtse, (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]	13.1
Weight for age: % below -3 sd [2]	2.0
Weight for age: Mean Z-Score (SD)	-0.9
Weight for age: Number of children	730
Height for age: % below -2 sd [3]	28.4
Height for age: % below -3 sd [4]	7.5
Height for age: Mean Z-Score (SD)	-1.2
Height for age: Number of children	712
Weight for height: % below -2 sd [5]	4.7
Weight for height: % below -3 sd [6]	1.5
Weight for height: % above +2 sd	2.3
Weight for height: Mean Z-Score (SD)	-0.3
Weight for height: Number of children	709

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Samtse, (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	100
Percentage who were first breastfed: Within one hour of birth	52.1
Percentage who were first breastfed: Within one day of birth	89.9
Percentage who received a prelacteal feed	17.2
Number of last-born children in the two years preceding the survey	221

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Samtse, (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	21.9
Exclusive breastfeeding	2.3
Predominant breastfeeding	3.7
Number of children age 0-35 months	399

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Samtse, (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	11.7
Weighed at birth	65.1
Number of live births in the last 2 years	221

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Samtse, (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	53.5
Percentage of women who did not receive two or more doses during last pregnancy but received	
2 doses, the last within prior 3 years	31.6
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]	85.1
Number of women with a live birth in the last 2 years	221

Source: BMIS, 2010

Table 22. Solid Fuel Use, Samtse, (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	25.5
Liquefied Petroleum Gas (LPG)	12.8
Kerosene	0.4
Coal	0.3
Wood	61.0
Straw/Shrubs/Grass	0.1
No food cooked in household	0.0
Other	0.0
Total	100
Solid fuels for cooking	61.3
Number of household members	7530

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Samtse, (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	20.4
Piped into compound	65.3
Piped to neighbor	4.7
Public outdoor tap	4.0
Protected well	0.1
Spring	0.9
Rainwater collection	0.0
Bottled water	0.0
Unimproved sources	
Unprotected well	1.2
Unprotected spring	2.2
Tanker-truck	0.0
Cart with small tank/drum	0.0
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	
Other	1.0
Total	0.2
Percentage using improved sources of drinking water	100
Number of household members	95.4
	7530

Source: BMIS, 2010

Table 24. Household Water Treatment, Samtse, (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	11.1
Boil	85.5
Add bleach / chlorine	0.0
Strain through a cloth	1.2
Use water filter	17.2
Solar disinfection	0.0
Let it stand and settle	3.0
Other	0.0
Don't know	0.0
Number of household members	7530
Percentage of household members in households using unimproved drinking water sources and using an appropriate water treatment method [1]	70.1
Number of household members in households using unimproved drinking water sources	345

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Samtse, (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	93.4
Less than 30 minutes	1.5
30 minutes or more	0.5
Missing/DK	0.0
Users of unimproved drinking water sources	
Water on premises	1.7
Less than 30 minutes	0.9
30 minutes or more	1.9
Missing/DK	0.0
Total	100
Number of household members	7530

Source: BMIS, 2010

Table 26. Types of sanitation Facilities, Samtse, (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	0.1
Flush to septic tank (Without soak pit)	41.6
Flush to pit (latrine)	11.2
Flush to unknown place/not sure/DK where	0.0
Flush to septic tank (with soak pit)	3.6
Ventilated Improved Pit latrine (VIP)	0.0
Pit latrine with slab	8.4
Composing toilet	0.4
Unimproved sanitation facility	
Flush to somewhere else	0.5
Pit latrine without slab /open pit	29.2
Long drop latrine	0.5
Bucket	0.0
Other	0.3
Missing	0.0
Open defecation (no facility, bush, field)	
No facility, bush, field	4.1
Total	100
Number of household members	7530

Source: BMIS, 2010

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

Details	GS	PS	LSS	MSS	HSS	College	Pvt.	Other Inst.	NPE Centres	Daycare Centres	Total
2008											
Number of schools and institutions	5	3	1	5	1	1	0	3	61	0	80
Teaching staff	52	48	88	178	83	54	0	5	78	0	586
Bhutanese	41	35	82	145	65	49	0	5	78	0	500
Male	25	16	39	63	27	34	0	5	39	0	248
Female	5	6	37	49	20	10	0	0	39	0	166
Non-Bhutanese	0	0	1	28	16	5	0	0	0	0	50
Male	0	0	0	14	8	5	0	0	0	0	27
Female	0	0	1	14	8	0	0	0	0	0	23
Temporary teachers	11	13	5	5	2	0	0	0	0	0	36
Male	4	6	3	3	1	0	0	0	0	0	17
Female	7	7	2	2	1	0	0	0	0	0	19
Number of students	1,401	1,187	2,524	5,234	1,851	608	0	149	2,079	0	15,033
Male	743	680	1,256	2,731	954	387	0	73	920	0	7,744
Female	658	507	1,268	2,503	897	221	0	76	1,159	0	7,289
Student to teacher ratio	27:01	25:01	29:01	29:01	22:01	11:01	0	30:01	27:01	0	26:01
2009											
Number of schools and institutions	6	3	1	5	1	1	0	12	59	0	88
Teaching staff	66	43	104	210	90	54	0	12	78	0	657
Bhutanese	52	33	93	175	68	49	0	12	78	0	560
Male	31	18	39	74	25	34	0	12	37	0	270
Female	7	5	43	66	21	10	0	0	41	0	193
Non-Bhutanese	0	0	2	26	17	5	0	0	0	0	50
Male	0	0	1	15	9	5	0	0	0	0	30
Female	0	0	1	11	8	0	0	0	0	0	20
Temporary teachers	14	10	9	5	0	0	0	0	0	0	47
Male	6	3	4	6	4	0	0	0	0	0	23
Female	8	7	5	3	1	0	0	0	0	0	24
Number of students	1,629	1,193	2,860	5,654	2,086	663	0	624	1,960	0	16,669
Male	845	677	1,443	2,919	1,083	434	0	330	895	0	8,626
Female	784	516	1,417	2,735	1,003	229	0	294	1,065	0	8,043
Student to teacher ratio	25:01	28:01	28:01	27:01	23:01	12:01	0	52:01	25:01	0	25:01

Temporary teachers	38	-	26	3	5	-	-	-	-	-	-	72
Male	25		10	2	2	0					0	39
Female	13		16	1	3	0					0	33
Number of students	3,379	-	4,339	2,645	4,716	892	89	1,021	1,278	99	18,458	
Male	1,781		2,215	1,298	2,420	483	40	537	553	49	9,376	
Female	1,598		2,124	1,347	2,296	409	49	484	725	50	9,082	
Student to teacher ratio	23:1		27:1	33:01:00	26:01:00	17:1	11:1	30:1	17:1	25:1	25:1	

Source: Dzongkhag Education Sector, Samtse Dzongkhag

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

Class	2008	2009	2010	2011	2012
Primary level					
Total	9,583	10,290	10,670	11,436	10,953
Class PP	1,498	1,671	1,675	1,673	1,362
Class I	1,609	1,618	1,641	1,825	1,523
Class II	1,543	1,576	1,556	1,921	1,811
Class III	1,366	1,573	1,573	1,623	1,777
Class IV	1,446	1,348	1,559	1,673	1,595
Class V	1,138	1,415	1,305	1,444	1,504
Class VI	983	1,089	1,361	1,277	1,381
Male					
Class PP	721	869	884	867	728
Class I	819	798	860	979	773
Class II	827	805	745	1,003	967
Class III	770	842	791	774	934
Class IV	767	749	839	841	755
Class V	572	742	693	788	762
Class VI	506	540	693	689	744
Female					
Class PP	777	802	791	806	634
Class I	790	820	781	846	750
Class II	716	771	811	918	844
Class III	596	731	782	849	843
Class IV	679	599	720	832	840
Class V	566	673	612	656	742
Class VI	477	549	668	588	637
Secondary level					
Total	4,193	3,115	3,577	4,144	4,471
Class VII	1,738	719	1,078	1,266	1,238
Class VIII	1,008	810	914	967	1,095
Class IX	896	652	771	900	920
Class X	480	516	576	664	759
Class XI	0	64	105	183	275
Class XII	0	79	0	164	184
Male					
Class VII	916	508	548	622	654
Class VIII	540	419	472	493	510
Class IX	496	336	407	454	465
Class X	252	297	297	351	374
Class XI	0	31	108	102	114
Class XII	0	41	39	99	104
Female					
Class VII	822	486	530	644	584
Class VIII	468	391	442	474	585
Class IX	400	316	364	446	455
Class X	228	219	279	313	385
Class XI	48	33	57	81	161
Class XII	23	38	34	65	80

Source: Dzongkhag Education Sector, Samtse Dzongkhag

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

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total	8,556	10,453	10,155	11,437	10,097
Age < 6 years	130	125	299	65	238
Age 6-12 years	6,011	7,584	7,234	8,293	6,738
Age 13 & above	2,415	2,744	2,622	3,079	3,121
Male	4,425	5,218	5,183	5,935	5,222
Age < 6 years	61	62	155	37	123
Age 6-12 years	3,057	3,769	3,572	4,164	3,450
Age 13 & above	1,307	1,387	1,456	1,734	1,649
Female	4,131	5,235	4,972	5,502	4,875
Age < 6 years	69	63	144	28	115
Age 6-12 years	2,954	3,815	3,662	4,129	3,288
Age 13 & above	1,108	1,357	1,166	1,345	1,472
Student in LSS level (Class VII-VIII)					
Total	1,174	1,812	1,875	1,508	3,847
Age < 13 years	7	135	99	43.0	197
Age 13-14 years	437	443	367	595	1,090
Age 15 & above	730	1,234	1,409	1,665	2,560
Male	627	934	977	1,135	1,937
Age < 13 years	3	60	54	15	75
Age 13-14 years	224	203	159	250	505
Age 15 & above	400	671	764	870	1,357
Female	547	878	898	373	1,910
Age < 13 years	4	75	45	28	122
Age 13-14 years	213	240	208	345	585
Age 15 & above	330	563	645	795	1,203
Students in MSS level (Class IX-X)					
Total	833	1,195	1,337	1,362	2,214
Age < 15 years	20	56	23	28	85
Age 15-16 years	271	406	385	325	582
Age 17 & above	542	733	929	1,009	1,547
Male	446	563	688	720	1,107
Age < 15 years	8	31	10	17	24
Age 15-16 years	140	166	145	148	225
Age 17 & above	298	366	533	555	858
Female	387	632	649	642	1,107
Age < 15 years	12	25	13	11	61
Age 15-16 years	131	240	240	177	357
Age 17 & above	244	367	396	454	689
Students in HSS level (Class XI-XII)					
Total	142	143	238	347	395
Age < 17 years	11	11	7	17	7
Age 17-18 years	72	54	113	127	179
Age 19 & above	59	78	118	203	209
Male	72	72	147	201	218
Age < 17 years	2	2	4	6	3
Age 17-18 years	31	26	65	63	74
Age 19 & above	39	44	78	132	141
Female	70	71	91	146	177
Age < 17 years	9	9	3	11	4
Age 17-18 years	41	28	48	64	105
Age 19 & above	20	34	40	71	68

Source: Education Sector, Samtse Dzongkhag

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

Literacy Among Young Women	2010
Percentage literate	49.1
Percentage not known	0.0
Number of women age 15-24 years	524

Source: BMIS, 2010

Table 31. School Readiness, Samtse, (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	0.7
Number of children attending first grade of primary school	222

Source: BMIS, 2010

Table 32. Primary School Entry, Samtse, (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	69.4
Number of children of primary school entry age	184

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Samtse, (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	96.2
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	99.1
Percent attending grade 4 last year who are attending grade 5 this year	95.3
Percent attending grade 5 last year who are attending grade 6 this year	98.8
Percent who reach grade 6 of those who enter grade 0	89.7

Source: BMIS, 2010

Table 34. Education Gender Parity, Samtse, (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	91.2
Primary school adjusted net attendance ratio (NAR), boys	91.6
Gender parity index (GPI) for primary school adjusted NAR	1.0
Secondary school adjusted net attendance ratio (NAR), girls	46.7
Secondary school adjusted net attendance ratio (NAR), boys	50.0
Gender parity index (GPI) for secondary school adjusted NAR	0.93

Source: BMIS, 2010

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

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy	6	1	1
Homicide	0	0	6
Assault, battery and related offences	2	0	29
Kidnapping and related offences	2	0	0
Sexual offence	0	1	5
Offence against infant, child, mentally disabled and incompetent person	0	0	0
Arson and related offences	0	1	2
Burglary, trespass and related offences	3	11	10
Larceny, robbery, armed robbery and related offences	19	12	14
Money laundering and smuggling	0	0	1
Embezzlement and bribery	0	1	0
Forgery and related offences	0	0	6
Defamation and related offences	0	0	0
Treason, terrorism and related offences	0	0	0
Offences against cultural and national heritage	0	0	1
Offences against judicial authority	1	0	0
Prostitution and related offences	0	0	0
Offences against the public welfare	1	0	3
Offences related to public and civic duties	0	0	0
Offences related to public order and tranquillity	0	0	1
Offences against privacy	0	0	0

Computer offences	0	0	0
Offences related to firearms and weapons	1	1	2
Offences related to protected species, controlled and other harmful substances	10	2	4
Motor vehicle offences	1	0	4
Others	11	5	18
Total crimes	57	35	107

Source: Royal Bhutan Police, Samtse Dzongkhag

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

Month	(Incident)		
	2009	2010	2011
January	n.a	1	1
February	n.a	2	0
March	n.a	n.a	0
April	n.a	n.a	0
May	n.a	n.a	0
June	n.a	1	0
July	n.a	n.a	1
August	n.a	1	0
September	n.a	1	1
October	n.a	n.a	0
November	n.a	n.a	0
December	n.a	n.a	1
Total	n.a	6	4

Source: Royal Bhutan Police, Samtse Dzongkhag

Table 37. Causes of Motor Vehicle Accidents, Samtse, (2009-2011)

Details	(Incident)		
	2009	2010	2011
Mechanical fault	n.a	2	1
Drunk driving	n.a	0	1
Bad weather	n.a	0	0
Without licence	n.a	1	1
Unknown causes	n.a	0	0
Other causes	n.a	4	1
All causes	n.a	7	n.a

Source: Royal Bhutan Police, Samtse Dzongkhag

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Table 38. Attitudes Toward Domestic Violence, Samtse, (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	37.7
If she neglects the children	52.4
If she argues with him	52.5
If she refuses sex with him	28.0
If she burns the food	19.1
For any of these reasons	78.2
Number of women age 15-49 years	1562

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Dzongkhag area (Sq. Km)	1,309.1	1,309.1	1,309.1	1,309.1	1,309.1
Total cultivated land (Acres) ¹					
Damages caused by landslides ²	n.a	n.a	n.a	n.a	n.a
Farmland (acres)					
Houses (Number)					
Roads (Km)					
Damages caused by floods ²	n.a	n.a	n.a	n.a	n.a
Farmland (acres)					
Houses (Number)					
Roads (Km)					
Crops affected by drought (acres)	n.a	n.a	n.a	n.a	n.a
Crops damaged by wild animals (acres)					
Incidence of earthquake (Number of cases reported) ²	0	0	0	0	1
Houses damaged by earthquakes (Number)	0	0	0	0	887
Number of forest fires ³	0	0	0	0	0
Acreage destroyed by forest fires	0	0	0	0	0
Acreage of reforestation ³	0	0	0	0	0
Houses/structures damaged by fires (Number) ³	0	0	0	7	10

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

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

Month/ Temperature	2010			2011		
	(Degree Celsius)			(Degree Celsius)		
	Maximum	Minimum	Average	Maximum	Minimum	Average
January	21	13	17	19	12.5	15.8
February	24	15	20	22.9	16.1	17.8
March	27	19	23	27.0	17.8	22.4
April	28	22	25	28.2	20.3	24.3
May	29	23	26	27.5	22.3	24.9
June	28	24	26	29.0	24.3	26.7
July	28	24	26	26.9	21.4	24.2
August	28	25	26	27.8	24.5	26.2
September	27	24	25	27.6	24.1	25.9
October	28	22	25	-	-	-
November	25	19	22	23.6	17.6	20.6
December	21	15	18	21.2	15.1	18.2
Annual	26	20	23	25.5	19.6	22.6

Source: SYB, NSB

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

Month/ Monthly Rainfall	2010			2011		
	Station			Station		
	Tendu	Samtse (NIE)	Sipsu	Tendu	Samtse (NIE)	Sipsu
January	-	-	-	19.4	7	1.4
February	8	4	32	37	17.1	17
March	39	119	118	53.2	65.4	206.9
April	86	276	347	128.7	220.6	353.3
May	341	541	462	260.3	608.4	691.4
June	718	1002	1050	445.4	772	537.8
July	1268	2228	1914	903.4	696.1	1202
August	754	1287	1525	961.7	563.8	745
September	400	1034	946	510.9	573.6	683.2
October	105	107	206	32.8	0	63.3
November	15	5	6	13	31.6	53.5
December	1	-	2	0	10.6	0
Annual	3735	6600	6608	3366	3566	4555

Source: SYB, NSB

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

Details	2010
Forest coverage (%) ²	78.0
Number of snow fall at Dzongkhag headquarter	N.A
Number of Protected spring water sources ¹	18
Number of Lakes ¹	0

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

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

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	24.4
Put / Rinsed into toilet or latrine	43.4
Put / Rinsed into drain or ditch	22.0
Thrown into garbage (solid waste)	3.4
Buried	0.8
Left in the open	2.5
Other	3.3
Total	100.0
Percentage of children whose stools were disposed of safely	67.8
Number of children age 0-2 years	399

Source: BMIS 2010

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

Details	2008	2011
Local governance (Number)		
Parliamentarians		
Male	3	3
Female	1	1
Gups		
Male	14	15
Female	1	0
Total gewog tshogpas ¹	218	66
Male	3	58
Female		8
Total Mangmis ¹		
Male	15	15
Female	0	0
DYT members ²		
Male	29	31
Female	1	0
GYT members ¹		
Male	247	88
Female	1	8
Polling stations ²	79	80
Eligible voters (18 years and above) ²		
Male	22,676	24,095
Female	19,726	20,990
% of Voters turnout during election		
Male		61.43
Female		53.11
Total election staff in Dzongkhag		
Male	2	2
Female	1	2

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

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

Details	Amount (Nu)
2008	
Parliamentarians (Number)	n.a
National council	n.a
National assembly	n.a
2011	
Local government	11,400,000.00
Gup	n.a
Mangmi	n.a
Tsogpa	n.a

Source: Election Office, Samtse Dzongkhag

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

Details	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	Total Expenditure 2008-2012
Sectors					
Adm & Management	7.577	8.016	26.587	17.630	59.810
Agriculture	3.332	9.837	13.293	128.152	154.614
Livestock	1.993	1.748	3.326	14.123	21.190
Forestry	1.102	0.657	2.668	15.924	20.351
Education	18.320	38.297	58.728	82.939	198.284
Health	3.788	2.837	13.293	21.747	41.665
Works & Human Settlement	23.494	25.902	25.902	26.557	101.855
Religion & Culture	11.633	19.135	19.135	13.680	63.583
Total	71.239	106.429	162.932	320.752	661.352

Source: Planning & Finance Section, Samtse Dzongkhag

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

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	0.075	0.162		86.810
Religion & Culture				
Agriculture	0.008	0.013		191.050
Livestock	0.098	0.011		22.800
Forestry	0.004	0.008		23.660
Education	0.135	0.147		467.440
Health	0.072	0.059		82.000
Urban development & housing	0.004	0.110		158.170
Roads	0.008	n.a		n.a
Bhutan post	n.a	n.a		n.a
Telecommunication	n.a	n.a		n.a
Power	0.008	n.a		n.a
Trade & industry	n.a	n.a		n.a
Total	0.323	0.510		1,031.93
Total plan outlay	0.323	0.510		1,977.05

Source: Dzongkhag Administration, Samtse

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

(in million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	37.547
Agriculture	n.a	n.a	n.a	222.482
Livestock	n.a	n.a	n.a	21.202
Forestry	n.a	n.a	n.a	30.234
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	75.933
Urban development & housing	n.a	n.a	n.a	37.085
Religion & Culture	n.a	n.a	n.a	24.276
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	448.759
Total plan expenditure	n.a	n.a	n.a	448.759

Source: Dzongkhag Administration, Samtse Dzongkhag

Note: 9th Five Year Plan Expenditure not available

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

(In million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	15.710	n.a	37.547
Agriculture	n.a	27.279	n.a	222.482
Livestock	n.a	10.354	n.a	21.202
Forestry	n.a	2.194	n.a	30.234
Education	n.a	4.900	n.a	n.a
Health	n.a	7.237	n.a	75.933
Urban development & housing	n.a	n.a	n.a	37.085
Religion & Culture	n.a	n.a	n.a	24.276
Roads	n.a	15.168	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	82.842	n.a	448.759
Total plan outlay	n.a	82.842	n.a	448.759

Source: Planning Unit, Samtse Dzongkhag

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

Sectors	(In million Nu.)			
	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	14.065
Agriculture	n.a	n.a	n.a	52.442
Livestock	n.a	n.a	n.a	9.98
Forestry	n.a	n.a	n.a	5.336
Education	n.a	n.a	n.a	0.3
Health	n.a	n.a	n.a	57.839
Urban development & housing	n.a	n.a	n.a	n.a
Roads & bridges	n.a	n.a	n.a	3.291
Religion & cultural	n.a	n.a	n.a	8.344
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	151.597
Total plan outlay	n.a	n.a	n.a	151.597

Source:Dzongkhag Administration, Samtse Dzongkhag

Note: 9th Five Year Plan Expenditure not available

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

Details	(Number)				
	2008	2009	2010	2011	2012
Total	n.a	n.a	37,300	31,500	36,875
Male	n.a	n.a	19,700	16,900	19,089
Female	n.a	n.a	17,600	14,600	17,786
Rural Total	n.a	n.a	31,500	26,800	32,267
Male	n.a	n.a	16,300	14,300	16,323
Female	n.a	n.a	15,200	12,500	15,944
Urban Total	n.a	n.a	5,800	4,700	4,608
Male	n.a	n.a	3,400	2,600	2,766
Female	n.a	n.a	2,400	2,100	1,842

Source: Labour Force Survey, MoLHR

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

Details	2009	2010	2011	2012
Total labour force (Number)	n.a	99.2	97.2	98.2
Total employed (%)	n.a	99.5	98.8	97.7
Male	n.a	98.9	95.4	98.7
Female	n.a	0.8	2.8	1.8
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	82.1	70.2	70.9
Male participation rate	n.a	85.3	74.1	73.8
Female participation rate	n.a	79.1	66.2	68.0

Source: Labour Force Survey, MoLHR

Table 53. Child Labour, Samtse, (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	1.5
Unpaid work	0.7
Working for family business	32.9
Economic activity for at least one hour	34.0
Household chores less than 28 hours	44.5
Household chores for 28 hours or more	0.6
Child labour	34.2
Number of children age 5-11	1207
Percentage of children age 12-14 involved in	
Economic activity	
Working outside household	
Paid work	3.5
Unpaid work	2.0
Working for family business	45.3
Economic activity less than 14 hours	36.6
Economic activity for 14 hours or more	10.0
Household chores less than 28 hours	75.5
Household chores for 28 hours or more	3.6
Child labour	12.8
Number of children age 12-14	447
Total child labour [1]	28.4
Number of children age 5-14 years	1654

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Samtse, (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	28.4
Percentage of children attending school	83.2
Number of children age 5-14 years	1654
Percentage of child labourers who are attending school	82.0
Number of children age 5-14 years involved in child labour	470
Percentage of children attending school who are involved in child labour	28.0
Number of children age 5-14 years attending school	1376

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Paddy					
Area (Acres)	11,544	n.a	7,547	8,454	n.a
Production (MT)	9,662	n.a	6,266	7,126	n.a
Price per Kg(Nu.)				13.30	n.a
Maize					
Area (Acres)	11,133	n.a	10,854	7,115	n.a
Production (MT)	9,460	n.a	8,624	5,588	n.a
Price per Kg(Nu.)				12.00	n.a
Wheat					
Area (Acres)	2,523	n.a	354	153	n.a
Production (MT)	1,408	n.a	167	108	n.a
Price per Kg(Nu.)				12.00	n.a
Barley					
Area (Acres)	1,091	n.a	76	31	n.a
Production (MT)	499	n.a	36	20	n.a
Price per Kg(Nu.)				n.a	n.a
Buckwheat					
Area (Acres)	2,090	n.a	662	271	n.a
Production (MT)	715	n.a	223	135	n.a
Price per Kg(Nu.)				n.a	n.a
Millet					
Area (Acres)	5,239	n.a	2,514	2,375	n.a
Production (MT)	1,894	n.a	974	1,161	n.a
Price per Kg(Nu.)				12.00	n.a
Fruits					
Apples					
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
Oranges / Mandarin					

Number of fruit bearing trees	278,426	n.a	109,731	128,373	n.a
Production (Kg)	7,862,000	n.a	2,679,000	3,214,000	n.a
Price per Kg(Nu.)				150.00	n.a
Banana					
Number of fruit bearing trees	31,280	n.a	36,399	32,542	n.a
Production (Kg)	892,000	n.a	460,000	439,000	n.a
Price per Dozen(Nu.)				15.00	n.a
Pear					
Number of fruit bearing trees	4,710	n.a	1,062	966	n.a
Production (Kg)	483,000	n.a	43,000	29,000	n.a
Price per Kg(Nu.)				n.a	n.a
Plum					
Number of fruit bearing trees	366	n.a	273	195	n.a
Production (Kg)	6,000	n.a	8,000	5,000	n.a
Price per Kg(Nu.)				n.a	n.a
Areca Nut					
Production (Pon)	3,665	n.a	2,420	3,129,000	n.a
Production (Nu.)			363,000	n.a	n.a
Price per 80 Piece/ Pon(Nu.)			150	70.00	n.a
Vegetables and Spices					
Potato					
Production (kg)	986,000	n.a	154,000	98,000	n.a
Production (Nu.)			1,848,000	1,176,000	n.a
Price per Kg(Nu.)			12	12	n.a
Chilli					
Production (kg)	108,000	n.a	40,000	109,000	n.a
Production (Nu.)			1,600,000	10,900,000	n.a
Price per Kg(Nu.)			40	100	n.a
Onion					
Production (kg)			n.a	12,000	n.a

Cardamom						
Production (Kg)	763,000	n.a	342,000	986,717	n.a	n.a
Production (Nu.)				809,107,940	n.a	n.a
Price per Kg(Nu.)				820	n.a	n.a
Garlic						
Production (Kg)	13,000	n.a	8,000	19,000	n.a	n.a
Production (Nu.)			280,000	665,000	n.a	n.a
Price per Kg(Nu.)			35	35	n.a	n.a
Oil seeds and legumes						
Lentils						
Production (Kg)	n.a	n.a	n.a	321,000	n.a	n.a
Production (Nu.)				2,568,000	n.a	n.a
Price per Kg(Nu.)				8	n.a	n.a
Mustards						
Production (Kg)	408,000	n.a	229,000	92,000	n.a	n.a
Production (Nu.)			10,305,000	1,380,000	n.a	n.a
Price per Kg(Nu.)			45	15	n.a	n.a
Beans						
Production (Kg)	222,000	n.a	74,000	60,000	n.a	n.a
Production (Nu.)			1,332,000	1,200,000	n.a	n.a
Price per Kg(Nu.)			18	20	n.a	n.a

Source: Agriculture Sector, Samtse Dzongkhag

Note: data for 2011 not available with the Dzongkhag Agriculture sector as the final data was submitted to MoA and not yet finalised.

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

Details	2007	2008	2009	2010	2011
Irrigation for agriculture					
Number of irrigation channels	3	n.a	4	4	9
Functional	3	n.a	4	4	9
Non-Functional	0	n.a	4	0	0
Total length of channels (Km)	9	n.a	8.54	9	42
Area covered by irrigation	214	n.a	753.24	381	n.a
Number of households benefitted	245	n.a	215	177	n.a
Number of food processing units	n.a	n.a	n.a	n.a	n.a
Number of agriculture mills ¹	15	n.a	20	28	18
Number of livestock product	n.a	1	2	2	2
Number of farmer association/groups	3	2	22	33	
Agriculture	0	2	4	8	10
Livestock	1	n.a	n.a	4	
Forestry	2	n.a	18	21	
Number of power tillers	9	7	7	11	0

Note: ¹Including two traditional mills

Source: Agriculture Sector, Samtse Dzongkhag

Table 57: Livestock Population by Types, Samtse, (2007-2011)

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle					
Local breed					
Male	13,839	13,839	12,632	13,185	13,946
Female	20,260	18,596	19,269	16,995	17,503
Improved breed					
Male	420	844	828	929	1,280
Female	1,683	2,072	2,142	2,327	3,483
Mithun	24	237	248	32	28
Bufallo					
Male	143	196	167	149	156
Female	498	283	238	224	215
Horse	209	128	269	545	
Local breed	209	127	268	332	192
Improved breed	n.a	1	1	213	6
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	2,582	3,900	3,996	2,694	3,800
Improved breed	n.a	n.a	n.a	n.a	34
Pig					
Local breed	1,404	1,840	1,892	1,600	1,625
Improved breed	77	301	384	218	350
Poultry					
Local breed	29,879	31,694	30,630	28,571	21,461
Improved breed	258	70	194	7,897	16,464
Goat	5,440	13,798	13,693	14,314	15,589

Note: Mithun includes Bamin, Jatsa & Jatsam
Source: Livestock Sector, Samtse Dzongkhag

Table 58: Livestock Productions, Samtse, (2007-2011)

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	562,961	1,524,293	1,329,405	1,946,834	219,362
Price per liter (Nu.)					25
Butter (Kg)	28,144	42,107	42,788	53,239	77,256
Price per Kg (Nu.)					280
Fresh Cheese (Kg)	22,510	112,875	92,127	100,854	151,075
Price per Kg (Nu.)					160
Processed cheese (kg)					n.a
Price per Kg (Nu.)					n.a
Eggs (dozen)	5,747	5,103	3,839	74,147	1,454,993
Price per piece (Nu.)					10
Fish (Kg)	1,186	730	969	2,399	920
Price per Kg (Nu.)					150
Beef (Kg)	10,099	19,685	19,416	5,350	9,600
Price per Kg (Nu.)					90
Pork (Kg)	17,508	32,247	32,215	24,298	29,913
Price per Kg (Nu.)					120
Yak Meat (Kg)					n.a
Price per Kg (Nu.)					n.a
Mutton (Kg)	19,287	36,658	36,399	18,807	25,152
Price per Kg (Nu.)					250
Honey (Liters)					n.a
Price per liter (Nu.)					n.a
Chicken (Kg)	24,108	40,861	39,449	28,508	126,814
Price per Kg (Nu.)					160

Source: Livestock Sector, Samtse Dzongkhag

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

Details	2007	2008	2009	2010	2011
Wood Forest Product¹					
Log Form (Cft)	72,331.80	112,961.43	167,053.00	59,730.13	12,216.79
Price per Cft(Nu.)					103.00
Fire wood (Cubic metres)	9,221.50	51,687.00	22,743.00	3,251.00	5,431
Price per Cubic metre(Nu.)					22.50
Flag Poles (Number of trees)	1,123	905	1,201	643	54
Price per tree(Nu.)					4.00
Shinglap (Number of trees)	N.A	N.A	N.A	N.A	N.A
Price per tree(Nu.)					
Cham (Number of trees)	10	1	18	32	n.a
Price per tree(Nu.)					30.00
Tsim (Number of trees)	151	91	177	229	516
Price per tree(Nu.)					12.00
Non-Wood Forest Product²					
Mushroom (Kg)	N.A	N.A	N.A	N.A	N.A
Mushroom (Nu.)					
Medicinal and Aromatic plants (Kg)					
Price per Kg (Nu.)					
Cordyceps (Kg)					
Price per Kg(Nu.)					
Sand (Truck load)	47	1,759	3,078	1,785	2,309
Price per cft(Nu.)*					659.18
Stones (Truck load)	Nil	913	4,088	4,229	4,817
Price per cft(Nu.)					2.99
Bamboo (Number)	8,044	3,939	3,484	3,349	50,821
Price per piece (Nu.)					1.40
Cane (Fiece)	N.A	N.A	N.A	N.A	N.A
Price per piece (Nu.)					
Lemon grass (liter)	N.A	N.A	N.A	N.A	N.A
Price per liter (Nu.)					

Mining Sites (Number)	25	25	30	10	7
Quarry Sites	1	1	2	2	0
Municipal Waste Disposal Sites	n.a	n.a	1	1	1
Environmental Clearance Issued	2	9	11	18	n.a

Note: Cordyceps amount collected only for auction royalty charges.

* - Sand price is for every 7m³

Source: 1Divisional Forest, 2Thromslingla National Park, Samtse

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

Stations	2009		2010		2011	
	Install ed capacit y (no.x MW)	Generat ing generat ion (MU)	Install ed capacit y (no.x MW)	Generat ing generat ion (MU)	Instal led capaci ty (no.x MW)	Genera ting Peak genera tion (MU)
Diesel generation stations						
Other diesel stations						

Source: Department of Energy, MoEA, Samtse

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

Details	2009	2010	2011	2012
Total number of household in Urban	2,415	2,456	2,496	2,496
Total number of household in Rural	10,066	10,234	10,402	10,402

Sorce: BMIS, 2010

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

new buildings	2009	2010	2011	2012
Samtse	n.a	n.a	n.a	12
Sipsu	n.a	n.a	n.a	1
Gomtu	n.a	n.a	n.a	1

Source: Dzongkhag Municipal, Samtse Dzongkhag

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

Details	2009	2010	2011
Industries by type (Number)			
Agro based	17	5	3
Forestry based	12	6	3
Mineral based	31	9	5
Others	13	77	43
Industries by scale (Number)			
Large	8	1	n.a
Medium	9	7	n.a
Small	33	13	11
Cottage	13	76	43
Contract firms (Number)			
Large	1	n.a	n.a
Medium	1	1	n.a
Small	49	22	9

Source: Regional Trade Office, Samtse

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

Details	(Number)				
	2007	2008	2009	2010	2011
Trade and Industries					
Micro & retail trade licences issued	665	796	981	1,240	1,419
Micro & retail trade licences in operation	460	758	761	961	1,140
Wholesale trade licences issued	5	8	10	12	17
Wholesale trade licences in operation	3	3	3	9	14
Services licences issued	553	584	625	699	742
Services licences in operation	319	338	377	416	459
Manufacturing licences issued	52	65	73	96	107
Manufacturing licenses in operation	20	30	38	54	65

Source: Regional Trade Office, Samtse

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

Details	(Number)				
	2007	2008	2009	2010	2011
Public Service Transport					
Bus	5	5	8	9	12
Taxi	12	16	20	30	38
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	n.a	n.a	n.a	n.a	1
Bus stations	n.a	n.a	n.a	n.a	n.a

Source: RSTA Regional Office, Samtse

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

Details	(Number)				
	2007	2008	2009	2010	2011
Roads (Length in Km)					
Farm roads ¹	16.20	32.98	52.00	59.00	75.42
Feeder roads ²	54.90	51.60	51.60	51.60	51.60
Forest roads ¹	7	7	18	18	18
Highways/Dzongkhag roads	86.00	87.65	87.65	87.65	87.65
Bridges (Number)					
Suspension bridge ¹	19	19	19	19	19
Suspended ¹	n.a	n.a	n.a	n.a	n.a
Bailey bridges ²	14	14	14	14	14
Traditional bridges ¹	n.a	n.a	n.a	n.a	n.a

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

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

Telecommunications	2007	2008	2009	2010	2011	2012
Households with fixed telephone connections	1,300	1,082	1,048	970	855	781
Tashi cell users	N.A	N.A	3,000	5,000	9,000	n.a
B.mobile users	3,029	4,500	7,500	9,900	11,200	12,700
Community information centres	3	3	3	3	4	11
Gewogs accessible to mobile services	8	12	15	15	15	15
Households with internet access	135	145	257	325	355	464
Bhutan post office	4	4	4	4	4	4

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

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

Number of establishments	2009	2010	2011	2012
RICBL	1	1	1	1
BIL	n.a	n.a	n.a	n.a
BDBL	1	2	2	3
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	2	2	2	2
ATM Machine				2

Source: Financial Institutions, Samtse Dzongkhag

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

Number of facilities	Number of account holders (2010)				Number of account holders (2011)			
	Loan	savin gs	curre nt	fixed deposit	Loan	savin gs	curre nt	fixed deposit
RICBL	99	0	0	0	99	0	0	0
BIL	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
BDBL	1042	1157	20	49	1023	1574	21	49
BNBL	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	1320	9045	859	559	1423	11323	924	859

Source: Financial Institutions, Samtse Dzongkhag

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

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Drungkhags	2	2	2	2	2	2
Gewogs	15	15	15	15	15	15
Chiwogs	228	228	228	228	228	76
Villages	323	323	323	323	323	323
Households	11,634	11,634	11,634	11,634	12,219	12,720
Towns	3	3	3	3	3	3
Number of Police stations	7	7	7	7	7	7

Source: Dzongkhag Administration, Samtse Dzongkhag

Note: Number of chiwogs for 2012 is as per Election Commission

Table 71. Recreation, Tourist Visitors and Accommodation, Samtse, (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	19
Number of restaurants	n.a	n.a	n.a	n.a	n.a	100
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 visi	N.A	N.A	N.A	N.A	N.A	N.A

Source: Regional Office, MoEA, Samtse Dzongkhag

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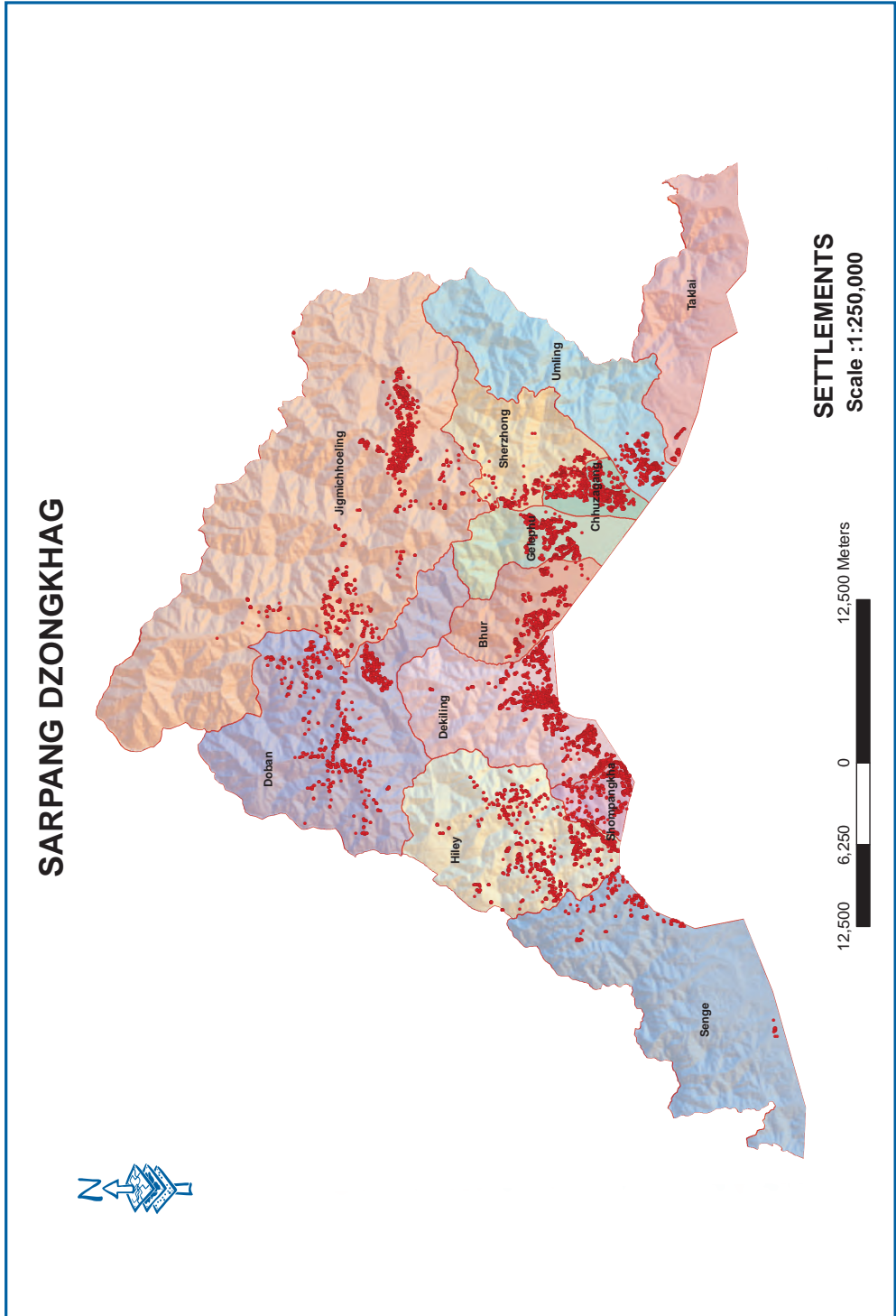
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Preface

The Annual Dzongkhag Statistics of Sarpang is the third in the series of publications. It attempts to provide comprehensive statistics of Sarpang 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, Sarpang would like to thank and acknowledge the support and corporation of all regional and 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
SARPANG**

BACKGROUND

The Sarpang Dzongkhag is situated in the central southern foothills bordering India. The area of the Dzongkhag stretches from Phipsoo wildlife sanctuary in the west to Manas National Park in the east. The Dzongkhag shares about 200 km of common border with the Indian state of Assam to the south and the Dzongkhags of Tsirang and Dagana to the west, Zhemgang to the east and Trongsa to the north. It encompasses a total geographical area of approximately 1666 Sq.km. Its topographical features have undulated terrain with an elevation ranging from 200m to 3600m above mean sea level.

The Sarpang Dzongkhag is administratively supported by a Gelephu Dungkhag and consists of 12 Gewogs. Services and administrative support for five Gewogs, Gakiling (Hilley), Dekiling, Singye, Chhudzom (Dovan) and Shompangkha are provided from Dzongkhag headquarter. While seven Gewogs namely, Gelephu, Chuzargang, Umling, Sershong, Taraythang, Jigmechoeling and Samtenling (Bhur) are provided by Gelephu Drungkhag.

The Sarpang Dzongkhag has 61chiwogs (LG Election) with 7346 households and 37191 populations (PHCB, 2005).

Paddy, maize, wheat, and millet are some of the major crops cultivated in the Dzongkhag. Orange, areca nut, cardamom and ginger are grown as principal cash crops by the farmers of the Dzongkhag.

Favourable terrain and climatic conditions combined with fertile agriculture land offer tremendous opportunity for farm mechanization and commercial horticultural development.

Abbreviation

%: Percent	Hr: Hour
< : Less than	HSS: Higher Secondary School
> : Greater than	Inst: Institute
AIDS: Acquired Immune Deficiency Syndrome	Kg: Kilogram
Avg: Average	LFS: Labor Force Survey
BHU: Basic Health Unit	LSS: Lower Secondary School
BLSS: Bhutan Living Standard Survey	Max: Maximum
Cft: Cubic Feet	Min: Minimum
CPS: Community Primary school	MSS: Middle Secondary School
DPTH: Diphtheria Parthusis Tetanus Hepatitis B	n.a: Not Available
DYT: Dzongkhag Yargye Tsogdue	N.A: Not Applicable
FYP: Five Year Plan	NFE: Non Formal Education
GDP: Gross Domestic Product	Nu: Ngultrum
GIS: (Infrastructure mapping): Geographical Infrastructure System	ORC: Outreach Clinic
Gm: Gram	PAR: Poverty Analysis Report
GYT: Gewog Yargye Tshogchung	PHCB: Population and Housing Census of Bhutan
HIV: Human Immune Virus	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, Sarpang, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	41,549	37,916	38,740	39,581	40,436	41,300	42,170	43,042
0-4	4,401	4,011	4,289	4,568	4,846	5,121	5,117	5,104
5-9	4,858	3,942	3,862	3,796	3,744	3,706	3,989	4,274
10-14	4,990	4,243	4,203	4,152	4,096	4,040	3,952	3,880
15-19	4,757	4,172	4,212	4,247	4,269	4,275	4,261	4,229
20-24	4,598	3,919	3,975	4,027	4,078	4,128	4,178	4,227
25-29	3,910	3,512	3,604	3,690	3,771	3,847	3,918	3,983
30-34	2,851	2,922	3,040	3,162	3,284	3,400	3,507	3,607
35-39	2,509	2,441	2,521	2,604	2,695	2,796	2,910	3,034
40-44	1,956	1,983	2,066	2,154	2,245	2,334	2,421	2,506
45-49	1,884	1,632	1,685	1,742	1,804	1,874	1,953	2,040
50-54	1,456	1,347	1,390	1,437	1,486	1,537	1,590	1,645
55-59	1,022	1,104	1,136	1,170	1,206	1,245	1,288	1,333
60-64	838	892	915	940	966	995	1,026	1,058
65+	1,519	1,796	1,142	1,892	1,946	2,000	2,060	2,122
Male	21,664	19,732	20,139	20,554	20,974	21,398	21,826	22,256
0-4	2,154	1,999	2,140	2,281	2,422	2,561	2,559	2,553
5-9	2,446	1,975	1,933	1,898	1,870	1,850	1,993	2,137
10-14	2,523	2,143	2,119	2,091	2,060	2,030	1,983	1,944
15-19	2,327	2,136	2,148	2,160	2,165	2,163	2,151	2,132
20-24	2,516	2,069	2,085	2,098	2,111	2,124	2,140	2,156
25-29	2,124	1,885	1,931	1,973	2,010	2,042	2,069	2,089
30-34	1,542	1,586	1,647	1,709	1,771	1,829	1,883	1,933
35-39	1,364	1,329	1,374	1,419	1,468	1,521	1,581	1,644
40-44	1,047	1,066	1,114	1,166	1,218	1,269	1,318	1,366
45-49	997	869	898	929	964	1,003	1,049	1,099
50-54	760	714	737	762	788	816	844	874
55-59	582	582	599	617	636	657	679	703
60-64	442	466	478	491	505	520	536	553
65+	840	913	936	960	987	1,013	1,041	1,072

Female	19,885	18,184	18,601	19,027	19,462	19,902	20,343	20,787
0-4	2,247	2,012	2,149	2,287	2,424	2,560	2,557	2,551
5-9	2,412	1,967	1,929	1,898	1,874	1,856	1,996	2,137
10-14	2,467	2,100	2,084	2,061	2,036	2,010	1,970	1,936
15-19	2430	2,036	2,064	2,087	2,104	2,112	2,109	2,097
20-24	2,082	1,850	1,890	1,929	1,967	2,004	2,038	2,071
25-29	1,786	1,627	1,673	1,717	1,761	1,805	1,949	1,894
30-34	1,309	1,336	1,393	1,453	1,513	1,571	1,624	1,674
35-39	1,145	1,112	1,147	1,185	1,227	1,275	1,330	1,390
40-44	909	917	952	988	1,026	1,065	1,103	1,141
45-49	887	763	787	813	841	871	904	941
50-54	696	633	653	675	698	721	746	771
55-59	440	522	537	553	570	589	609	630
60-64	396	426	437	449	462	476	490	506
65+	679	883	906	932	959	987	1,017	1,048

2

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, Sarpang, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	41,549	37,914	38,741	39,583	40,436	41,300	42,170	43,042
Sq. Km)	18	16	17	23	24	24	25	25
Population sex ratio	109	109	108	108	108	108	107	107

Source: Dzongkhag Population Projection 2006-2015

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

Age-group	2008	2009	2010	2011
Live births	737	926	612	642
Male	389	487	311	332
Female	348	439	301	310
Total deaths	95	81	95	95
Male	53	52	49	49
Female	42	29	46	46
Infant deaths	11	7	6	6
Male	3	4	4	4
Female	8	3	2	2
Marriages certificate issued	n.a	n.a	77	166
Number of divorces	n.a	n.a	4	6

Source: Dzongkhag Health Sector & Court, Sarpang Dzongkhag

ω

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

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	37.0
Total fertility rate	2.5

Source: BMIS, 2010

Table 5. Early Childbearing, Sarpang , (2010)

Details	2010
% 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.	
% of women age 15~19	7.2
Have had a live birth	0.8
Are pregnant with first child	8.0
Have begun childbearing	0
Have had a live birth before 15	141
Number of women age 15~19	18.6
% of women age 20~24 who have had a live birth before age 18	
Number of women age 20~24	173

4 Source: BMIS, 2010

Table 6. Use of Contraception, Sarpang , (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.	32.6
Not using any method	5.0
Percent of women (currently married or inunion) who are using	11.7
Female sterilization	4.7
Male sterilization	29.6
IUD	0
Injectables	9.4
Implants	6.3
Oral contraceptive Pill	0
Male condom	
Female condom	

Foam/ jelly	0
Lactational amenorrhoea method (LAM)	0
Periodic abstinence/ rhythm	0.5
Withdrawal	0.2
Other	0
Any modern method	66.8
Any traditional method	0.6
Any method	67.4
Number of women currently married or in union	651

Source: BMIS, 2010

Table 7. Antenatal Care Provider, Sarpang, (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	9.3
Nurse/ midwife	70.2
HA/ BHW	20.4
Assistant clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.0
Other/ missing	0.0
No antenatal care received	0.0
Total	100
At Least once by skilled personnel	100
Number of women who gave birth in the preceding 2 years	132

Source: BMIS, 2010

Table 8. Number of Antenatal Care Visits, Sarpang, (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	0.0
1 Visits	0.3
2 Visits	0.0
3 Visits	4.9
4 or more visits	94.9
Missing/ DK	0.0
Total	100
Number of women who gave birth in the preceding 2 years	132

Source: BMIS, 2010

Table 9. Assistance During Delivery, Sarpang, (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	37.8
Nurse / Midwife	20.7
HA/BHW	3.9
Asst. clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.0
Relative / friend	36.7
Other/missing	0.9

No attendant	0.0
Total	100
Any skilled personnel	62.3
Percent delivered by C-section	13.2
Number of women who gave birth in preceding two years	132

Source: BMIS, 2010

Table 10. Place of Delivery, Sarpang, (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	61.5
Private sector health facility	0.0
Home	37.5
Other	1.0
Total	100
Delivered in health facility [1]	61.5
Number of women who gave birth in preceding two years	132

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Number of hospitals	2	2	2	2	2
Number of BHUs	8	10	10	10	10
BHU grade I	0	0	0	0	0
BHU grade II	8	10	10	10	10
Number of ORCs	12	11	11	11	11
Number of indigenous units	0	0	1	1	1
Number of doctors	10	11	11	11	13
Number of hospital/BHU beds	70	70	90	100	103
Persons per doctor	3,522	3,598	3,676	3,755	3,244
Persons per hospital bed	42	46	48	68	368
Total morbidity attendance	100,112	101,638	119,783	127,963	160,548
Health assistants	11	12	18	25	32
Basic health workers	12	12	10	11	11
Sister and nurses	30	31	30	31	50
Technicians	30	31	30	31	60
Indigenous dungtsho	1	1	1	1	1
Indigenous compounders/Menpas				1	1
Malaria workers	10	10	10	9	12
Village health workers	62	58	55	44	60
Number of children immunized					
Polio	968	975	739	716	748
DPTH	965	973	739	716	717
Measles	844	927	736	716	680
BCG	760	877	865	815	828
Others	1035	1101	708	690	717

Source: Dzongkhag Health Sector, Sarpang Dzongkhag

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

Average admission	2007	2008	2009	2010	2011
Hospital admission					
Total	2684	3662	4208	4135	4093
Patient days	12091	14131	17853	18165	16955
Average days	4.5	3.9	4.2	4.4	4.1
BHU admission	272	249	332	260	250

Source : Annual Health Bulletin, MoH

Table 13. Number of surgeries, Sarpang, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Surgeries					
Caesarian Section	89	94	139	164	174
General Abdominal	10	23	57	68	111
General Others	202	110	261	245	53
Orthopaedic extremities	49	91	18	15	29
Orthopaedic Others	51	63	17	2	2
Gynaecology	84	121	108	142	98
ENT	12	0	15	56	49
Eye	65	94	53	60	110

Source: Annual Health Bulletin, MoH

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

Dental Services	2007	2008	2009	2010	2011
Prophylaxis	60	60	69	70	110
Scaling	15	9	4	2	33
Fillings	1665	2295	3008	3233	2793
Extractions	1740	2238	2195	2157	2857
Others	2969	5162	6073	7069	5699

Source: Annual Health Bulletin, MoH

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

Priority health problem/ Disease	2007	2008	2009	2010	2011
Diarhoea	3630	3073	4107	5,287	3,591
Conjunctivitis	3143	3157	1502	1,365	3,046
Dysentery	1453	1547	1723	1,685	814
Typhoid	59	102	82	76	0
Sexually transmitted disease, excluding HIV/AIDS	59	81	87	75	70
Diabetes	352	526	867	934	1,072
Tuberculosis	77	107	186	175	126
Early syphilis	1	11	5	1	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, Sarpang, Dzongkhag

Table 16. Child Disability, Sarpang, (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	1.9
Appears to have difficulty hearing	2.0
No understanding of instructions	1.5
stiffness	2.7
Have fits, become rigid, lose consciousness	1.1
Not learning to do things like other children his/her age	2.6
No speaking cannot be understood in words	3.5
Appears mentally backward, dull, or slow	2.2

Speech is not normal	3.5
Number of children aged 3-9 years	567
Cannot name at least one object	35.4
Number of children aged 2 years reported disability*	69
Number of children aged 2-9 years	16.6
	636

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Sarpang, (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]	10.9
Weight for age: % below -3 sd [2]	1.0
Weight for age: Mean Z-Score (SD)	-0.7
Weight for age: Number of children	347
Height for age: % below -2 sd [3]	23.2
Height for age: % below -3 sd [4]	6.4
Height for age: Mean Z-Score (SD)	-1.2
Height for age: Number of children	328
Weight for height: % below -2 sd [5]	4.4
Weight for height: % below -3 sd [6]	1.8
Weight for height: % above +2 sd	5.0
Weight for height: Mean Z-Score (SD)	0.0
Weight for height: Number of children	329

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Sarpang, (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	99.1
Percentage who were first breastfed: Within one hour of birth	66.9
Percentage who were first breastfed: Within one day of birth	95.1
Percentage who received a prelacteal feed	6.8
Number of last-born children in the two years preceding the	132

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Sarpang, (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	26.3
Exclusive breastfeeding	2.9
Predominant breastfeeding	4.2
Number of children age 0-35 months	209

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Sarpang, (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	7.7
Weighed at birth	73.7
Number of live births in the last 2 years	132

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Sarpang, (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	50.3
Percentage of women who did not receive two or more doses during last pregnancy but received	
2 doses, the last within prior 3 years	41.2
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]	92.2
Number of women with a live birth in the last 2 years	132

Source: BMIS, 2010

Table 22. Solid Fuel Use, Sarpang, (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	29.1
Liquefied Petroleum Gas (LPG)	35.9
Kerosene	1.0
Coal	0.0
Wood	34.0
Straw/Shrubs/Grass	0.0
No food cooked in household	0.0
Other	0
Total	100
Solid fuels for cooking	34.0
Number of household members	4127

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Sarpang, (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	30.1
Piped into compound	46.7
Piped to neighbor	14.3
Public outdoor tap	4.4
Protected well	0
Spring	1.2
Rainwater collection	0
Bottled water	0
Unimproved sources	
Unprotected well	0.1
Unprotected spring	1.3
Tanker-truck	0
Cart with samll tank/drum	0.1
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	
Other	1.8
Total	0.1
Percentage using improved sources of drinking water	100
Number of household members	96.7
	4127

Source: BMIS, 2010

Table 24. Household Water Treatment, Sarpang, (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	11.5
Boil	83.7
Add bleach / chlorine	0.1
Strain through a cloth	7.5
Use water filter	16.0
Solar disinfection	0.0
Let it stand and settle	0.4
Other	0.0
Don't know	0.0
Number of household members unimproved drinking water sources and using an appropriate water treatment method [1] drinking water sources	4127 80.1 136

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Sarpang, (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	93.9
Less than 30 minutes	2.6
30 minutes or more	0.2
Missing/DK	0.0
Users of unimproved drinking water sources	
Water on premises	1.1
Less than 30 minutes	0.7
30 minutes or more	1.6
Missing/DK	0.0
Total	100.0
members	4127

Source: BMIS, 2010

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

	2010
Time to Source of Drinking Water	
Type of toilet facility used by household	
Improved sanitation facility	
Flush toilet	1.1
Flush to septic tank(Without soak pit)	46.9
Flush to pit (latrine)	8.4
Flush to unknown place/not sure/DK where	0.0
Flush to septic tank (with soak pit)	7.0
Ventilated Improved Pit latrine (VIP)	0.9
Pit latrine with slab	1.0
Composing toilet	0.0
Unimproved sanitation facility	
Flush to somewhere else	0.4
Pit latrine without slab /open pit	30.6
Long drop latrine	1.0
Bucket	0.8
Other	0.0
Missing	0.0
Open defecation (no facility, bush, field)	
No facility,bush, field	
Total	100.0
Number of household members	4127

Source: BMIS, 2010

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

Details	2008										Total	
	CPs	PS	LSS	MSs	HSS	College	Pvt.	Other Inst.	NFE Centres	DayCare Centres		
Number of schools and institutions	9	n.a	4	2	2	2	n.a	2	1	38	n.a	57
Teaching staff												
Bhutanese	52	n.a	91	56	39	39	n.a	9	9	44	n.a	192
Male	42	n.a	45	32	25	25	n.a	5	8	34	n.a	182
Female	10	n.a	46	24	14	14	n.a	4	1	10	n.a	10
Non-Bhutanese	0	n.a	6	2	21	n.a	n.a	6	0	0	n.a	35
Male	0	n.a	1	2	18	n.a	n.a	4	0	0	n.a	25
Female	0	n.a	5	0	3	n.a	n.a	2	0	0	n.a	10
Temporary teachers	26	n.a	9	7	4	4	n.a	0	0	0	n.a	46
Male	14	n.a	6	5	3	3	n.a	0	0	0	n.a	28
Female	12	n.a	3	2	1	1	n.a	0	0	0	n.a	18
Number of students	1,938	n.a	2,850	2,148	1,217	n.a	650	135	1,042	n.a	10,745	
Male	1,013	n.a	1,828	1,092	664	n.a	385	79	345	n.a	5,327	
Female	925	n.a	1,022	1,056	553	n.a	265	56	697	n.a	5,418	
Student to teacher ratio	37.3	n.a	38.7	38.4	20.3	n.a	43.3	15	23.7	n.a		
2009												
Number of schools and institutions	11	n.a	4	2	2	2	n.a	2	1	37	n.a	59
Teaching staff												
Bhutanese	61	n.a	111	74	46	46	n.a	n.a	11	41	n.a	344
Male	49	n.a	56	46	31	31	n.a	n.a	10	14	n.a	206
Female	12	n.a	55	28	15	15	n.a	n.a	1	27	n.a	138
Non-Bhutanese	0	n.a	6	3	21	n.a	n.a	0	0	0	n.a	30
Male	0	n.a	1	3	18	n.a	n.a	0	0	0	n.a	22
Female	0	n.a	5	0	3	n.a	n.a	0	0	0	n.a	8
Temporary teachers	2	n.a	2	0	0	0	n.a	n.a	0	0	n.a	4
Male	1	n.a	1	0	0	0	n.a	n.a	0	0	n.a	2
Female	1	n.a	1	0	0	0	n.a	n.a	0	0	n.a	2
Number of students	2,312	n.a	4,034	2,459	1,056	n.a	n.a	133	942	n.a	10,936	
Male	1,187	n.a	1,957	1,243	563	n.a	n.a	79	290	n.a	5,319	
Female	1,125	n.a	2,077	1,216	493	n.a	n.a	54	652	n.a	5,617	
Student to teacher ratio	38	n.a	35	32	16	n.a	n.a	12	23	n.a		
2010												
Number of schools and institutions	13	n.a	4	2	2	2	na	2	1	42	n.a	66
Teaching staff												
Bhutanese	86	n.a	125	81	48	48	n.a	17	1	42	n.a	400
Male	68	n.a	77	51	30	30	n.a	15	8	14	n.a	263
Female	18	n.a	48	30	18	18	n.a	2	8	28	n.a	152
Non-Bhutanese	0	n.a	6	4	21	n.a	n.a	9	0	0	n.a	40
Male	0	n.a	5	4	18	n.a	n.a	8	0	0	n.a	35
Female	0	n.a	1	0	3	n.a	n.a	1	0	0	n.a	5

Temporary teachers	3	n.a	5	0	n.a	0	0	0	n.a	0	0	n.a	8
Male	2	n.a	2	0	n.a	0	0	0	n.a	0	0	n.a	4
Female	1	n.a	3	0	n.a	0	0	0	n.a	0	0	n.a	4
Number of students	2,522	n.a	4,203	1,181	n.a	605	90	942	n.a	11,994			
Male	1,287	n.a	2,068	1,227	n.a	315	56	290	n.a	5,870			
Female	1,235	n.a	2,135	1,224	n.a	290	34	652	n.a	6,124			
Student to teacher ratio	29	n.a	32	29	n.a	23	11	22	n.a				
2011													
Number of schools and institutions	12	n.a	5	2	n.a	1	1	54	n.a	77			
Teaching staff													
Bhutanese													
Male	75	n.a	153	84	n.a	15	16	54	n.a	445			
Female	57	n.a	79	54	n.a	10	8	21	n.a	257			
Non-Bhutanese	16	n.a	74	30	n.a	5	8	23	n.a	176			
Male	0	n.a	6	5	n.a	10	0	n.a	n.a	44			
Female	0	n.a	1	4	n.a	10	0	34	n.a	34			
Temporary teachers	0	n.a	5	1	n.a	0	0	n.a	n.a	10			
Male	9	n.a	5	2	n.a	n.a	0	n.a	n.a	16			
Female	9	n.a	2	1	n.a	n.a	0	n.a	n.a	12			
Number of students	2063	n.a	4,816	2,397	n.a	311	90	914	n.a	11,817			
Male	1032	n.a	2,385	1,188	n.a	153	56	279	n.a	5,725			
Female	1031	n.a	2,431	1,209	n.a	158	34	635	n.a	6,092			
Student to teacher ratio	24	n.a	30	26	n.a	13	11	19	n.a				
2012													
Number of schools and institutions	11	n.a	6	2	n.a	1	1	73	n.a	96			
Teaching staff													
Bhutanese													
Male	80	n.a	164	95	n.a	17	27	73	n.a	506			
Female	65	n.a	83	57	n.a	10	23	28	n.a	298			
Non-Bhutanese	15	n.a	81	38	n.a	7	4	45	n.a	208			
Male	0	n.a	7	4	n.a	9	0	0	n.a	40			
Female	0	n.a	2	3	n.a	9	0	0	n.a	31			
Temporary teachers	0	n.a	5	1	n.a	0	0	0	n.a	9			
Male	11	n.a	5	1	n.a	0	0	0	n.a	17			
Female	9	n.a	2	1	n.a	0	0	0	n.a	12			
Number of students	1,820	n.a	5,207	2,319	n.a	757	85	1,133	n.a	12,601			
Male	892	n.a	2,613	1,195	n.a	399	53	337	n.a	6,103			
Female	928	n.a	2,594	1,124	n.a	358	32	796	n.a	6,498			
Student to teacher ratio	21	n.a	28	23	n.a	29	16	16	n.a				

Source: Dzongkhag Education Sector, Sarpang Dzongkhag

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Table 28. School Enrolment by Grade and Sex, Sarpang, (2008-2011)

Class	2008	2009	2010	2011	2012
Primary level					
Total	6,579	7,065	7,282	7,112	7,150
Class PP	1,137	1,307	1,138	956	891
Class I	936	1,099	1,154	1,081	958
Class II	954	919	1,132	1,201	1,113
Class III	881	987	938	1,082	1,156
Class IV	1,011	925	1,150	998	1,163
Class V	875	959	869	975	905
Class VI	785	869	901	819	964
Male	3,300	3,513	3,599	3,548	3,571
Class PP	571	631	574	458	460
Class I	455	550	569	559	478
Class II	495	458	565	590	548
Class III	459	509	465	532	584
Class IV	512	490	550	504	568
Class V	422	465	444	507	444
Class VI	386	410	432	398	489
Female	3,279	3,552	3,583	3,564	3,591
Class PP	566	676	564	498	431
Class I	481	549	585	522	480
Class II	459	461	567	611	565
Class III	422	478	473	550	584
Class IV	499	435	500	494	595
Class V	453	494	425	468	461
Class VI	399	459	469	421	475
Secondary level					
Total	2,660	3,475	3,798	3,701	4,246
Class VII	931	750	901	911	859
Class VIII	709	747	679	840	872
Class IX	629	680	750	647	775
Class X	263	488	576	680	604
Class XI	61	445	395	273	615
Class XII	67	365	497	350	521
Male	1,412	1,766	1,935	1,836	2,109
Class VII	447	356	432	430	405
Class VIII	384	356	337	408	418
Class IX	369	360	361	318	365
Class X	135	267	308	330	294
Class XI	42	218	233	160	338
Class XII	35	209	264	190	289
Female	1,248	1,709	1,863	1,865	2,137
Class VII	484	394	469	481	454
Class VIII	325	391	342	432	454
Class IX	260	320	389	329	410
Class X	128	221	268	350	310
Class XI	19	227	162	113	277
Class XII	32	156	233	160	232

Source: Dzongkhag Education Sector, Sarpang Dzongkhag

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

Details	2008	2009	2010	2011
Students in primary school level (Class PP-VI)				
Total				
Age < 6 years	109	292	1465	3
Age 6-12 years	4842	5301	4411	1,724
Age 13 & above	1706	1704	1332	401
Male				
Age < 6 years	76	156	711	2
Age 6-12 years	2378	2580	2197	854
Age 13 & above	903	853	692	215
Female				
Age < 6 years	33	136	754	1
Age 6-12 years	2464	2721	2214	870
Age 13 & above	803	851	640	186
Student in LSS level (Class VII-VIII)				
Total				
Age < 13 years	57	77	260	3,052
Age 13-14 years	344	419	413	966
Age 15 & above	902	1004	850	816
Male				
Age < 13 years	28	27	114	1,480
Age 13-14 years	165	183	195	483
Age 15 & above	477	507	419	420
Female				
Age < 13 years	29	50	146	1,572
Age 13-14 years	179	236	218	483
Age 15 & above	425	497	431	396
Students in MSS level (Class IX-X)				
Total				
Age < 15 years	132	234	44	1,464
Age 15-16 years	647	332	184	513
Age 17 & above	356	580	655	436
Male				
Age < 15 years	67	125	20	727
Age 15-16 years	322	177	87	241
Age 17 & above	244	331	355	219
Female				
Age < 15 years	65	109	24	737
Age 15-16 years	325	155	97	272
Age 17 & above	112	249	300	217
Students in HSS level (Class XI-XII)				
Total				
Age < 17 years	157	104	117	327
Age 17-18 years	311	365	405	626
Age 19 & above	247	735	798	490
Male				
Age < 17 years	73	52	58	148
Age 17-18 years	188	168	193	307
Age 19 & above	163	442	480	300
Female				
Age < 17 years	84	52	59	179
Age 17-18 years	123	197	212	319
Age 19 & above	84	293	318	190

Source: Education Sector, Sarpang Dzongkhag

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

Literacy Among Young Women	2010
Percentage literate	61.6
Percentage not known	0.3
Number of women age 15-24 years	314

Source: BMIS, 2010

Table 31. School Readiness, Sarpang, (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	96.0

Source: BMIS, 2010

Table 32. Primary School Entry, Sarpang, (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	77.5
Number of children of primary school entry age	76.0

Source: BMIS, 2010

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

Details	2010
Percent 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)	100
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	96.4
Percent attending grade 4 last year who are attending grade 5 this year	95.2
Percent attending grade 5 last year who are attending grade 6 this year	88.8
Percent who reach grade 6 of those who enter grade 0	

Source: BMIS, 2010

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Table 34. Education Gender Parity, Sarpang, (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	96.1
Primary school adjusted net attendance ratio (NAR), boys	95.3
Gender parity index (GPI) for primary school adjusted NAR	1.01
Secondary school adjusted net attendance ratio (NAR), girls	58.5
Secondary school adjusted net attendance ratio (NAR), boys	59.3
Gender parity index (GPI) for secondary school adjusted NAR	0.99

Source: BMIS, 2010

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

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy	n.a	n.a	1
Homicide	n.a	n.a	1
Assault,battery and related offences	n.a	n.a	31
Kidnapping and related offences	n.a	n.a	0
Sexual offence	n.a	n.a	3
Offence against infant,child,mentally dissabled and incompetent person	n.a	n.a	1
Arson and related offences	n.a	n.a	2
Burglary, trespass and related offences	n.a	n.a	26
Larceny,robbery, armed robbery and related offences	n.a	n.a	25
Money laundering and smuggling	n.a	n.a	4
Embezzlement and bribery	n.a	n.a	0
Forgery and related offences	n.a	n.a	1
Defamation and related offences	n.a	n.a	2
Treason,terrorism and related offences	n.a	n.a	1
Offences against cultural and national heritage	n.a	n.a	0
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	8
Offences related to public and civic duties	n.a	n.a	0
Offences related to public order and tranquillity	n.a	n.a	6
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	24
Motor vehicle offences	n.a	n.a	13
Others	n.a	n.a	22
Total crimes	n.a	n.a	171

Source: Royal Bhutan Police, Sarpang Dzongkhag

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

Month	(Incident)		
	2009	2010	2011
January	n.a	11	4
February	n.a	9	2
March	n.a	12	7
April	n.a	7	6
May	n.a	11	6
June	n.a	9	7
July	n.a	5	6
August	n.a	4	6
September	n.a	4	15
October	n.a	6	5
November	n.a	8	17
December	n.a	7	13
Total	n.a	96	94

Source: Royal Bhutan Police, Sarpang Dzongkhag

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

Details	(Incident)		
	2009	2010	2011
Mechanical fault	10	14	4
Drunk driving	3	8	5
Bad weather	5	6	1
Without licence	3	10	2
Unknown causes	10	3	1
Other causes	3	52	81
All causes	34	96	94

Note: Unknown causes include road conditions and Other causes include Human error/careless driving and over speed.

Source:Regional RSTA Office and Royal Bhutan Police, Sarpang Dzongkhag

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

Details	2010
Percentage of women age 15-49 years who believe a husband is justified in beating his wife/partner	46.4
If goes out without telling him	65.1
If she neglects the children	29.0
If she argues with him	16.0
If she refuses sex with him	13.3
If she burns the food	70.6
For any of these reasons	
Number of women age 15-49 years	924

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Dzongkhag area (Sq. Km)	2,288	1,660.28	1,660.28	1,660.28	1666.00
Total cultivated land (Acres) ¹	n.a	n.a	14,619	14,619	16439.56
Damages caused by landslides ²					
Farmland (acres)	n.a	n.a	85.6	5.76	5.76
Houses (Number)	n.a	n.a	0	0	0
Roads (Km)	n.a	n.a	0	0	0
Damages caused by floods ²					
Farmland (acres)	n.a	n.a	15.85	2.15	2.15
Houses (Number)	n.a	n.a	0	0	0
Roads (Km)	n.a	n.a	0	0	0
Crops affected by drought (acres)	n.a	n.a	0	0	0
Crops damaged by wild animals (acres)	n.a	n.a	169.44	56.45	
Incidence of earthquake (Number of cases reported) ²	n.a	n.a	2	1	1
Houses damaged by earthquakes (Number)	n.a	n.a	5	15	63
Number of forest fires ³	n.a	n.a	3	0	2
Acreage destroyed by forest fires	n.a	n.a	11	0	15
Acreage of reforestation ³	n.a	n.a	47.5	47.50	68.5
Houses/structures damaged by fires (Number) ³	n.a	n.a	0	0	3

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

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

Month/ Temperature	2010			2011		
	(Degree Celsius)			(Degree Celsius)		
	Maximum	Minimum	Average	Maximum	Minimum	Average
January	22	12	17	17	20	11
February	23	14	19	19	23	17
March	26	19	22	22	26	20
April	26	20	23	23	27	20
May	27	21	24	24	27	22
June	28	21	25	25	28	23
July	28	23	25	25	27	23
August	29	23	26	26	28	24
September	28	22	25	25	28	22
October	28	21	25	25	29	22
November	25	19	22	22	25	18
December	23	15	19	19	23	15
Annual	26	19	23	23	26	20

Source: SYB, NSB

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

Month/ Monthly Rainfall	2010			2011		
	Station			Station		
	Surey	Bhur	Sarpang	Surey	Bhur	Sarpang
January	0.0	0.0	0.0	0.0	0.0	6.8
February	2.0	0.0	0.0	7.0	0.0	18.4
March	0.0	0.0	0.0	0.0	125.4	147.8
April	0.0	0.0	0.0	0.0	278.8	182.2
May	238.0	255.0	321.0	321.0	143.0	331.8
June	279.0	1241.0	669.0	669.0	447.0	826.0
July	702.0	1622.0	867.0	867.0	1168.8	1268.8
August	695.0	1752.0	531.0	531.0	477.8	607.2
September	554.0	825.0	445.0	445.0	459.8	509.0
October	49.0	62.0	60.0	60.0	1.4	86.6
November	5.0	21.0	12.0	12.0	6.4	57.4
December	0.0	1.0	0.0	0.0	0.0	13.4
Annual	2523.0	5779.0	2911.0	2911.0	3108.4	4055.4

Source: SYB, NSB

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

Details	2010
Forest coverage (%) ²	88.0
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, Sarpang, (2010)

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	29.1
Put / Rinsed into toilet or latrine	43.1
Put / Rinsed into drain or ditch	18.9
Thrown into garbage (solid waste)	1.2
Buried	0.0
Left in the open	5.8
Other	1.9
Total	100.0
Percentage of children whose stools were disposed of safely	72.2
Number of children age 0-2 years	209

Source: BMIS 2010

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

Details	2008	2011	2012
Local governance (Number)			
Parliamentarians	3	3	3
Male	3	3	3
Female	0	0	0
Gups	12	12	12
Male	12	12	12
Female	0	0	0
Total gewog tshogpas ¹	90	59	58
Male	90	54	53
Female	0	5	5
Total Mangmis ¹	12	12	12
Male	12	12	12
Female	0	0	0
DYT members ²	24	24	24
Male	24	24	24
Female	0	0	0
GYT members ¹	114	83	82
Male	114	78	77
Female	0	5	5
Polling stations ²	38	61	61
Eligible voters (18 years and above) ²	21,823	23,132	23,132
Male	11,086	12,216	12,216
Female	10,737	10,916	10,916
% of Voters turnout during election	n.a	n.a	n.a
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Total election staff in Dzongkhag	3	4	3
Male	2	2	2
Female	1	1	1

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

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

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

Source: Election Office, Sarpang Dzongkhag

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

Details	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	Total Expenditure 2008-2012
Sectors					
Adm & Management	0.900	12.500	3.622	46.544	63.566
Agriculture	15.300	12.500	16.885	19.663	64.348
Livestock	2.200	2.800	1.163	15.242	21.405
Forestry	0.200	0.100	0.473	7.435	8.208
Education	5.900	17.600	50.179	237.863	311.542
Health	4.400	15.900	17.770	50.874	88.944
Works & Human Settlement	23.500	24.900	7.853	412.972	469.225
Religion & Culture	6.100	3.300	4.690	5.832	19.922
Total	58.500	89.600	102.635	796.425	1,047.160

Note: Expenditure for the FY 2011-2012 is both capital and current.

Source: Planning & Finance Section, Sarpang Dzongkhag

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

Sectors	Ninth Five Year		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	94.051	16.45	n.a	15.550
Agriculture	22.043	20.403	n.a	38.800
Livestock	20.047	11.574	n.a	12.550
Forestry	3.694	4.07	n.a	5.500
Education	158.164	154.358	n.a	n.a
Health	97.434	54.51	n.a	61.000
Urban development & housing	21.802	150.125	n.a	183.330
Roads	8.737	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	61.006	0.000	n.a	n.a
Trade & industry	0.000	2.400	n.a	n.a
Total	486.978	413.890	n.a	316.730
Total plan outlay	486.978	413.890	n.a	316.730

Source: Dzongkhag Administration, Sarpang

Table 48. Dzongkhag 9th and 10th Five Year Plan Expenditures, Sarpang
(in million Nu.)

Sectors	Ninth Five Year		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, Sarpang **Dzongkhag**

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

Sectors	Ninth Five Year		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	14.501	0.000	n.a	18.450
Agriculture	0.000	21.719	n.a	95.882
Livestock	0.000	0.667	n.a	4.559
Forestry	0.000	0.471	n.a	14.460
Education	0.000	8.394	n.a	n.a
Health	0.000	2.184	n.a	20.914
Urban development & housing	0.000	2.637	n.a	16.380
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	14.501	36.072	n.a	170.645
Total plan outlay	14.501	36.072	n.a	170.645

Source: Planning Unit, Sarpang Dzongkhag

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

Sectors	Ninth Five Year		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	11.436	0.000	n.a	n.a
Agriculture	0.000	14.527	n.a	n.a
Livestock	0.000	0.737	n.a	n.a
Forestry	0.000	0.364	n.a	n.a
Education	0.000	6.641	n.a	n.a
Health	0.000	1.295	n.a	n.a
Urban development & housing	0.000	1.493	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	11.436	25.057	n.a	n.a
Total plan outlay	11.436	25.100	n.a	n.a

Source: Dzongkhag Administration, Sarpang **Dzongkhag**

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

Details	2008	2009	2010	2011	2012
Total	n.a	n.a	16200	19200	14866
Male	n.a	n.a	8900	10600	6580
Female	n.a	n.a	7300	8600	8286
Rural Total	n.a	n.a	10100	14600	11642
Male	n.a	n.a	5100	7700	4487
Female	n.a	n.a	5000	6900	7155
Urban Total	n.a	n.a	6100	4700	3224
Male	n.a	n.a	3800	3000	2093
Female	n.a	n.a	2300	1700	1131

Source: Labour Force Survey, MoLHR

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

Details	2009	2010	2011	2012
Total labour force (Number)	n.a	17,400	20,100	15,429
Total employed (%)	n.a	92.5	95.50	96.4
Male	n.a	55.3	55.21	44.3
Female	n.a	45.3	44.79	55.7
Unemployment rate	n.a	7.5	4.50	3.6
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	66.2	64.4	46.5
Male participation rate	n.a	78.8	72.8	45.6
Female participation rate	n.a	59.7	56.5	47.2

Source: Labour Force Survey, MoLHR

Table 53. Child Labour, Sarpang, (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	0.1
Working for family business	35.0
Economic activity for at least one hour	35.0
Household chores less than 28 hours	57.0
Household chores for 28 hours or more	0.0
Child labour	35.0
Number of children age 5-11	637
Percentage of children age 12-14 involved in	
Economic activity	
Working outside household	
Paid work	1.3

Unpaid work	0.7
Working for family business	49.9
Economic activity less than 14 hours	46.5
Economic activity for 14 hours or more	4.5
Household chores less than 28 hours	85.2
Household chores for 28 hours or more	0
Child labour	4.5
Number of children age 12-14	280
Total child labour [1]	25.6
Number of children age 5-14 years	917

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Sarpang, (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	25.6
Percentage of children attending school	86.9
Number of children age 5-14 years	917
Percentage of child labourers who are attending school	89.5
Number of children age 5-14 years involved in child labour	235
Percentage of children attending school who are involved in child labour	26.4
Number of children age 5-14 years attending school	797

Source: BMIS, 2010

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

Details	2007	2008	2009	2010
Paddy				
Area (Acres)	8305	1776	5108	5,185.41
Production (MT)	6238000	7197000	4157000	4,512.19
Price per Kg(Nu.)	n.a	n.a	40	45
Maize				
Area (Acres)	7886	2681	5527	4,238.87
Production (MT)	4991000	7057000	3403000	2,612.29
Price per Kg(Nu.)	n.a	n.a	15	18
Wheat				
Area (Acres)	483	19	22	7.95
Production (MT)	184000	36000	4000	3.26
Price per Kg(Nu.)	n.a	n.a	20	18
Barley				
Area (Acres)	n.a	5	7	6.85
Production (MT)	n.a	9540	5000	2.12
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Buckwheat				
Area (Acres)	1004	132	310	50.58
Production (MT)	268000	217000	82000	26.59
Price per Kg(Nu.)			15	16
Millet				
Area (Acres)	3415	572	1666	897.57
Production (MT)	1680000	862540	803000	595.12
Price per Kg(Nu.)	n.a	n.a	14	15
Fruits				
Apples				
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

Oranges/ Mandarin						
Number of fruit bearing trees	352005	1531910	193100	169332		
Production (Kg)	12746000	6161900	8430000	7173000		
Price per Kg(Nu.)	n.a	n.a	30	45		
Banana						
Number of fruit bearing trees	50313	27260	38761	33540		
Production (Kg)	780000	467900	588000	511000		
Price per Dozen(Nu.)	n.a	n.a	25	30		
Pear						
Number of fruit bearing trees	2552	8800	933	970		
Production (Kg)	51000	244300	95000	65000		
Price per Kg(Nu.)	n.a	n.a	n.a	20		
Plum						
Number of fruit bearing trees	2032	2200	276	284		
Production (Kg)	140000	112000	6000	9000		
Price per Kg(Nu.)	n.a	n.a	20	20		
Areca Nut						
Production (Pon)	1489	1288	1708	2103		
Production (Nu.)	n.a	n.a	n.a	n.a		
Price per 80 Piece/ Pon(Nu.)	n.a	n.a	180	210		
Vegetables and Spices						
Potato						
Production (kg)	233000	823550	101000	21000		
Production (Nu.)			2020000	420000		
Price per Kg(Nu.)	n.a	n.a	20	20		
Chili						
Production (kg)	187000	188350	35000	51000		
Production (Nu.)			2275000	3570000		
Price per Kg(Nu.)	n.a	n.a	65	70		
Onion						
Production (kg)	n.a	56790	10000	9000		
Production (Nu.)			300000	270000		
Price per Kg(Nu.)	n.a	n.a	30	30		

Cabbage						
Production (kg)	75000	34730	19000	29000		
Production (Nu.)			380000	870000		
Price per Kg(Nu.)	n.a	n.a	20	30		
Cauliflower						
Production (kg)	51000	17800	11000	10000		
Production (Nu.)			440000	400000		
Price per Kg(Nu.)	n.a	n.a	40	50		
Asparagus						
Production (Bundles)	n.a	n.a	n.a	0.19		
Production (Nu.)	n.a	n.a	n.a	n.a		
Price per bundle (Nu.)	n.a	n.a	n.a	n.a		
Tomato						
Production (Kg)	180000	71260	34000	21000		
Production (Nu.)			1020000	840000		
Price per Kg(Nu.)	n.a	n.a	30	40		
Carrot						
Production (Kg)	1000	9300	4000	5000		
Production (Nu.)	n.a	n.a	n.a	250000		
Price per Kg(Nu.)	n.a	n.a	n.a	50		
Egg Plant (Brinjal)						
Production (Kg)	98000	na	14000	8000		
Production (Nu.)			280000	160000		
Price per Kg(Nu.)	n.a	n.a	20	20		
Raddish						
Production (Kg)	247000	300620	154000	85000		
Production (Nu.)			3080000	1700000		
Price per Kg(Nu.)	n.a	n.a	20	20		
Ginger						
Production (Kg)	707000	347680	513180	390000		
Production (Nu.)			20527200	15600000		
Price per Kg(Nu.)	n.a	n.a	40	40		

Cardamom						
Production (Kg)	n.a	342600	2150	9000		
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)	31000	304300	9000	4000		
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	4000	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)	386000	290940	115000	91000		
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)	107000	173220	53000	45000		
Production (Nu.)			2120000	1800000		
Price per Kg(Nu.)	n.a	n.a	40	40		

Source: Agriculture Sector, Sarpang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Irrigation for agriculture					
Number of irrigation channels	n.a	n.a	282	282	282
Functional	n.a	n.a	256	256	256
Non-Functional	n.a	n.a	26	26	26
Total length of channels (Km)	n.a	n.a	380.70	380.70	380.70
Area covered by irrigation	n.a	n.a	6844.2	6844.2	6,844
Number of households benefitted	n.a	n.a	3005	3005	3,005
Number of food processing units	n.a	n.a	n.a	n.a	n.a
Number of agriculture mills ¹	n.a	n.a	60	82	85
Number of livestock product processing units	n.a	n.a	2	2	2
Number of farmer association/groups	n.a	n.a	44	32	32
Agriculture	n.a	n.a	17	7	7
Livestock	n.a	n.a	14	10	15
Forestry	n.a	n.a	13	15	16
Number of power tillers	n.a	n.a	34	44	44

Source: Agriculture Sector, Sarpang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle					
Local breed	15,908	16,005	15,756	17,596	15,982
Male	6,283	6,272	6,859	7,618	6,922
Female	9,625	9,733	8,897	9,978	9,060
Improved breed	3,587	3,115	4,203	4,670	4,529
Male	1,604	822	1,503	1,159	1,040
Female	1,983	2,293	2,700	3,511	3,489
Mithun	1,087	1,444	1,432	10	14
Bufallo	237	204	149	124	50
Male	63	76	37	41	14
Female	174	128	112	83	36
Horse	308	286	385	407	472
Local breed	304	130	370	398	462
Improved breed	4	156	15	9	10
Yak					
Male	N.A	N.A	N.A	N.A	N.A
Female	N.A	N.A	N.A	N.A	N.A
Sheep	600	714	704	780	582
Local breed	600	714	704	780	582
Improved breed	0	0	0	0	0
Pig	1,679	1,177	967	1,033	940
Local breed	805	934	771	721	686
Improved breed	874	243	196	312	254
Poultry	27,041	22,969	31,307	55,371	76,684
Local breed	16,805	13,441	16,925	20,287	20,666
Improved breed	10,236	9,528	14,382	35,084	56,018
Goat	3,046	3,269	4,469	5,022	4,948

Note: Bamin, Jatsa & Jatsam is included in local cattle

Source: Livestock Sector, Sarpang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	891,015	995,491	2,042,979	1,438,714.5	1,466,035
Price per liter (Nu.)	25	30	30	32	32
Butter (Kg)	35,542	36,240	84,911	48,745.5	39,131.3
Price per Kg (Nu.)	250	250	280	300	300
Fresh Cheese (Kg)	17,678	178,076	117,579.4	96,087.8	65,727.9
Price per Kg (Nu.)	250	250	250	300	300
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)	104,797	157,025	178,259	399,001.6	846,893.9
Price per piece (Nu.)	7	8	10	10	9
Fish (Kg)	5,551	7,218	3,543	5,708	7,486
Price per Kg (Nu.)	120	120	120	130	130
Beef (Kg)	39,006	154,647	3,007	20,700	3,280
Price per Kg (Nu.)	85	85	85	85	95
Pork (Kg)	62,101	31,577	12,399	24,294	27,540
Price per Kg (Nu.)	120	120	120	120	130
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)	20,055	18,861	7,250	10,819	11,549
Price per Kg (Nu.)	200	200	250	250	250
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)	37,174	29,554	18,399	25,888.5	136,922
Price per Kg (Nu.)	120	140	140	140	140

Source: Livestock Sector, Sarpang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Wood Forest Product¹					
Log Form (Cft)	n.a	116,419	90,479	22,311	68,737
Price per Cft(Nu.)		18	18	18	18
Fire wood (Cubic metres)	n.a	4,261	4,904	768	1,535
Price per Cubic metre(Nu.)		22.5	22.5	22.5	22.5
Flag Poles (Number of trees)	n.a	163	322	1,342	1,222
Price per tree(Nu.)		40	40	40	40
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
Cham (Number of trees)	n.a	20	34	n.a	5
Price per tree(Nu.)		30	30	n.a	30
Tsim (Number of trees)	n.a	1,729	1,460	20	30
Price per tree(Nu.)		12	12	12	12
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
Price per Kg (Nu.)		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
Sand (Truck load)	n.a	4,462	6,552	4,755	7,850
Price per cft(Nu.)		40	40	40	40
Stones (Truck load)	n.a	7,058	8,075	4,895	5,986
Price per cft(Nu.)		40	40	40	40
Bamboo (Number)	n.a	5,503	4,611	7,391	8,507
Price per piece (Nu.)		2	2	2	2
Cane (Bundle)	n.a	107	15	n.a	18

Price per piece (Nu.)		4	4	4
Lemon grass (liter)	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	1	1	1
Quarry Sites	n.a	0	0	1
Municipal Waste Disposal Sites	n.a	1	1	1
Environmental Clearance Issued	n.a	15	20	25

Note: All rate are Government rates.

Source: ¹Divisional Forest, Sarpang

Table 60. Electricity Generating Stations and Capacities, Sarpang, (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)
Surey						
Diesel generation stations	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
	Dicommissioned					

Source: Department of Energy, MoEA, Sarpang

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

Details	2009	2010	2011	2012
Total number of household in Urban	2,590	2,645	2,701	2758
Total number of household in Rural	5,397	5,512	5,628	5745

Note: Households is calculated based on ratio method
Source: Dzongkhag Statistics Unit, Sarpang

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

new buildings	2009	2010	2011	2012
Gelephu	n.a	n.a	n.a	n.a
Sarpang	n.a	n.a	n.a	n.a

Source: Dzongkhag Municipal, Sarpang Dzongkhag

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

Details	2009	2010	2011
Industries by type (Number)			
Agro based	1	1	1
Forestry based	4	2	1
Mineral based	0	0	0
Others	115	113	142
Industries by scale (Number)			
Large	1	1	2
Medium	0	1	0
Small	8	3	22
Cottage	91	64	76
Contract firms (Number)			
Large	0	1	2
Medium	1	2	5
Small	22	44	46

Source: Regional Trade Office, Sarpang

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

Details	2007	2008	2009	2010	2011
Trade and Industries					
Micro trade licenses issued	n.a	n.a	250	245	220
Micro trade licenses in operation	n.a	n.a	221	235	213
Retail trade licenses in operation	n.a	n.a	23	32	48
Retail trade licenses in operation	n.a	n.a	21	28	45
Wholesale trade licenses issued	n.a	n.a	3	5	9
Wholesale trade licenses in operation	n.a	n.a	1	3	8
Services licenses issued	n.a	n.a	116	113	142
Services licenses in operation	n.a	n.a	102	106	138
Manufacturing licenses issued	n.a	n.a	5	3	11
Manufacturing licenses in operation	n.a	n.a	5	3	11

Source: Regional Trade Office, Sarpang

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

Details	2007	2008	2009	2010	2011
Public Service Transport					
Bus	4	5	5	6	8
Taxi	30	55	60	97	115
Motor vehicle registration					
Heavy	162	163	169	223	246
Medium	7	11	19	55	66
Small	572	671	776	957	1,028
Two wheeler	795	812	850	916	928
Auto Mobile workshop ³	4	5	6	6	6
Bus stations	1	1	1	1	1

Source: RSTA Regional Office, Sarpang

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

Details	2007	2008	2009	2010	2011
Roads (Length in Km)					
Farm roads ¹	54.75	78.4	79.9	96.13	222.58
Feeder roads ²	38.5	38.5	38.5	38.5	38.5
Forest roads ¹	93.3	93.3	93.3	93.3	93.3
Highways/Dzongkhag roads	123.4	123.4	123.4	123.4	123.4
Bridges (Number)					
Suspension bridge ¹	18	21	24	24	20
Suspended ¹	2	2	2	2	5
Bailey bridges ²	3	3	3	3	3
Traditional bridges ¹	0	0	0	0	0

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

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

Telecommunications	2007	2008	2009	2010	2011	2012
Households with fixed telephone connections	n.a	n.a	1,141	1,121	1,199	1,246
Tashi cell users	n.a	n.a	n.a	n.a	n.a	14,000
B.mobile users	n.a	n.a	n.a	n.a	28,000	34,000
Community information centres	1	1	2	5	8	8
Gewogs accessible to mobile services	7	9	11	12	12	12
Households with internet access	n.a	n.a	n.a	n.a	648	712
Bhutan post office	2	2	2	2	2	2

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

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

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

Source: Financial Institutions, Sarpang Dzongkhag

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

Number of facilities	Number of account holders (2010)				Number of account holders (2011)				
	savin curre		recurring		savin curre		recurring		
	Loan	gs nt	fixed	deposit	Loan	gs nt	fixed	deposit	
RICBL	181	0	0	0	0	129	0	0	0
BIL	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
BDBL	1175	1119	3	23	47	607	372	0	1
ENBL	1429	3461	57	133	0	1474	4402	72	258
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	480	2269	237	n.a	255	504	2424	258	232

Note: BOBL data is from Sarpang branch and fixed and recurring deposit clubed together.

Source: Financial Institutions, Sarpang Dzongkhag

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

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Drungkhags	1	1	1	1	1	1
Gewogs	12	12	12	12	12	12
Chiwogs	90	90	90	90	61	61
Villages	172	172	172	172	172	172
Households	7,651	7,817	7,986	8,157	8,329	8,503
Towns	2	2	2	2	2	2
Number of Police stations	2	2	2	2	2	2

Note: Households is estimated based on ratio method.

Source: Dzongkhag Administration, Election, Sarpang Dzongkhag

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

Details	2007	2008	2009	2010	2011	2012
Number of children park	1	1	1	2	2	2
Number of hotels	n.a	n.a	n.a	n.a	n.a	67
Number of restaurants	n.a	n.a	n.a	n.a	n.a	15
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, Sarpang Dzongkhag



**Annual Dzongkhag Statistics
2012**



**Dzongkhag Administration
thimphu**

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Preface

The Annual Dzongkhag Statistics of Thimphu is the third in the series of publications. It attempts to provide comprehensive statistics of Thimphu 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, Thimphu 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
Thimphu**

Background

Thimphu is the capital city of Bhutan. It lies in the Western part of Bhutan bordering with Gasa and Punakha Dzongkhags in the east, Chukha and Dagana in the south, Paro Dzongkhag in the west and Tibet (China) in the north.

The Dzongkhag Administration unit comprises of 1 Dungkhags i.e. Lingzhi and has 8 Gewogs viz; Chang, Dagala, Geneykha, Kawang, Mewang, Lingzhi, Naro, Soe. The 3 Gewogs viz; Lingzhi, Soe, Naro falls under Lingzhi Dungkhag Administration. It has many important historical, cultural and religious heritage sites.

Thimphu Dzongkhag is also considered as one of the developed Dzongkhags in the country. The lower part of Dzongkhags has as easy access to National Referral hospital, national research centre, central ministries, agriculture related corporations and the financial institutions. With the capital being located in the Dzongkhag, it is predominant economic and trading hub for the western region. Therefore, it provides large domestic market for the agricultural and livestock products.

An extension services such as agriculture, livestock and forestry are available in all gewogs. The Dzongkhag had reduced agricultural land use due to urbanization. Rapid growth rates in rural-urban migration has resulted the increase in unemployment and population of the Thimphu City.

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
DPHT: Diphtheria Parthosis 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, Thimphu, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	98,676	95,107	97,326	99,587	101,880	104,217	106,568	108,933
0-4	9,463	10,040	10,755	11,472	12,189	12,900	12,911	12,898
5-9	9,424	9,870	9,684	9,535	9,419	9,337	10,065	10,800
10-14	10,805	10,629	10,544	10,430	10,305	10,181	9,975	9,805
15-19	11,470	10,456	10,572	10,675	10,746	10,775	10,755	10,690
20-24	15,121	9,836	9,990	10,135	10,275	10,414	10,554	10,692
25-29	11,208	8,824	9,069	9,297	9,513	9,719	9,911	10,087
30-34	7,802	7,345	7,652	7,973	8,290	8,594	8,877	9,143
35-39	6,764	6,136	6,349	6,567	6,805	7,072	7,372	7,696
40-44	4,528	4,981	5,199	5,431	5,667	5,903	6,132	6,359
45-49	3,575	4,099	4,238	4,386	4,551	4,736	4,944	5,173
50-54	2,485	3,381	3,496	3,618	3,747	3,883	4,022	4,168
55-59	1,647	2,772	2,855	2,945	3,041	3,145	3,257	3,378
60-64	1,423	2,237	2,299	2,365	2,436	2,512	2,593	2,680
65+	2,961	4,501	4,624	4,758	4,899	5,046	5,200	5,364
Male	53,496	51,632	52,761	53,899	55,058	56,249	57,454	58,677
0-4	4,823	5,230	5,606	5,981	6,357	6,731	6,737	6,731
5-9	4,730	5,168	5,063	4,977	4,910	4,863	5,246	5,634
10-14	5,236	5,607	5,552	5,482	5,408	5,336	5,220	5,125
15-19	5,518	5,589	5,628	5,663	5,684	5,685	5,663	5,620
20-24	8,935	5,413	5,463	5,503	5,541	5,584	5,633	5,685
25-29	6,469	4,933	5,060	5,174	5,277	5,369	5,446	5,509
30-34	4,459	4,151	4,314	4,483	4,649	4,808	4,956	5,096
35-39	4,019	3,478	3,600	3,722	3,853	3,999	4,161	4,335
40-44	2,640	2,788	2,919	3,058	3,198	3,337	3,470	3,601
45-49	2,111	2,274	2,352	2,435	2,529	2,637	2,760	2,898
50-54	1,497	1,868	1,931	1,998	2,069	2,144	2,222	2,304
55-59	891	1,523	1,568	1,617	1,669	1,726	1,787	1,854
60-64	727	1,219	1,252	1,287	1,325	1,366	1,410	1,457
65+	1,441	2,391	2,453	2,519	2,589	2,664	2,743	2,828

Female	45,180	43,475	44,565	45,688	46,822	47,968	49,114	50,256
0-4	4,640	4,810	5,149	5,491	5,832	6,169	6,174	6,167
5-9	4,694	4,702	4,621	4,558	4,509	4,474	4,819	5,166
10-14	5,569	5,022	4,992	4,948	4,897	4,845	4,755	4,680
15-19	5,952	4,867	4,944	5,012	5,062	5,090	5,092	5,070
20-24	6,186	4,423	4,527	4,632	4,734	4,830	4,921	5,007
25-29	4,739	3,891	4,009	4,123	4,236	4,350	4,465	4,578
30-34	3,343	3,194	3,338	3,490	3,641	3,786	3,921	4,047
35-39	2,745	2,658	2,749	2,845	2,952	3,073	3,211	3,361
40-44	1,888	2,193	2,280	2,373	2,469	2,566	2,662	2,758
45-49	1,464	1,825	1,886	1,951	2,022	2,099	2,184	2,275
50-54	988	1,513	1,565	1,620	1,678	1,739	1,800	1,864
55-59	756	1,249	1,287	1,328	1,372	1,419	1,470	1,524
60-64	696	1,018	1,047	1,078	1,111	1,146	1,183	1,223
65+	1,520	2,110	2,171	2,239	2,307	2,382	2,457	2,536

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, Thimphu, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	98,676	95,107	97,326	99,587	101,880	104,217	106,568	108,933
Population density (Persons per Sq. Km)	48	46	47	48	49	50	52	53
Population sex ratio	118	119	118	118	118	117	117	117

Source: Dzongkhag Population Projection 2006-2015

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

Age-group	2008	2009	2010	2011
Live births	327	218	317	290
Male	154	107	149	n.a
Female	173	111	168	n.a
Total deaths	60	26	40	54
Male	34	12	24	33
Female	26	14	16	21
Infant deaths	3	0	2	2
Male	3	0	2	1
Female	2	0	0	1
Marriages certificate issued	n.a	n.a	n.a	n.a
Number of divorces	n.a	n.a	n.a	n.a

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Source: Dzongkhag Health Sector & Court, Thimphu Dzongkhag

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

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	34
Total fertility rate	2.2

Source: BMIS, 2010

Table 5. Early Childbearing, Thimphu, (2010)

Details	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.	
% of women age 15~19	
Have had a live birth	2.9
Are pregnant with first child	0.7
Have begun childbearing	3.6
Have had a live birth before 15	0.5
Number of women age 15~19	357
% of women age 20~24 who have had a live birth before age 18	8.8
Number of women age 20~24	407

Source: BMIS, 2010

Table 6. Use of Contraception, Thimphu, (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	33.4
Percent of women (currently married or inunion) who are using	
Female sterilization	11
Male sterilization	7
IUD	7.3
Injectables	23.2
Implants	0
Oral contraceptive Pill	7.1
Male condom	10.4
Female condom	0
Foam/ jelly	0
Lactational amenorrhoea method (LAM)	0
Periodic abstinence/ rhythm	0
Withdrawal	0
Other	0.1
Any modern method	66.4
Any traditional method	66.6
Any method	
Number of women currently married or in union	1327.0

Source: BMIS, 2010

Table 7. Antenatal Care Provider, Thimphu, (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		42
Nurse/ midwife		55.8
HA/ BHW		0.6
Assistant clinical officer (ACO)		0
Traditional birth attendant		0
Village health worker		0
Other/ missing		0
No antenatal care received		1.6
Total		100
At least once by skilled personnel		98.4
Number of women who gave birth in the preceding 2 years		298

Source: BMIS, 2010

Table 8. Number of Antenatal Care Visits, Thimphu, (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		1.6
1 Visits		2.3
2 Visits		3.7
3 Visits		8.2
4 or more visits		83.6
Missing/ DK		0.6
Total		100
Number of women who gave birth in the preceding 2 years		161

Source: BMIS, 2010

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

Details	2010
Person assisting at delivery	
Doctor	42.5
Nurse / Midwife	50.8
HA/BHW	1.1
Asst. clinical officer (ACO)	0
Traditional birth attendant	0
Village health worker	0
Relative / friend	5
Other/missing	0.5
No attendant	0
Total	100
Any skilled personnel	94.4
Percent delivered by C-section	16
Number of women who gave birth in preceding two years	298

Source: BMIS, 2010

Table 10. Place of Delivery, Thimphu, (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	94.4
Private sector health facility	0
Home	5.6
Other	0
Total	100
Delivered in health facility [1]	94.4
Number of women who gave birth in preceding two years	298

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Number of hospitals	4	4	5	5	5*
Number of BHUs	7	7	9	9	10
BHU grade I	0	0	1	1	1
BHU grade II	7	7	8	8	9**
Number of ORCs	19	19	16	16	18
Number of indigenous units	0	0	0	0	1
Number of doctors	57	57	1	2	2
Number of hospital/BHU beds	310	310	n.a	n.a	40
Persons per doctor	1,707	1,747	n.a	n.a	53,284
Persons per hospital bed	314	321	n.a	n.a	2,664
Total morbidity attendance	n.a	n.a	97,491	130,375	118,993
Health assistants	n.a	n.a	15	17	20
Basic health workers	11	11	1	2	1
Sister and nurses	5	5	2	2	9
Technicians	n.a	n.a	7	7	10
Indigenous dungtsho	n.a	n.a	10	10	1
Indigenous compounders/Menpas	n.a	n.a	n.a	n.a	1
Malaria workers	n.a	n.a	n.a	n.a	0
Village health workers	21	23	32	34	50
Number of children immunized					
Polio	4,696	5,352	6,183	5,957	7,186
DPTH	1,883	2,100	2,414	2,410	7,196
Measles	2,931	2,045	2,378	2,592	2,337
BCG	2,883	3,232	3,736	3,569	3,663
Others	n.a	n.a	n.a	n.a	n.a

Note: From 2009 onward figures excludes JDWNRH & Military hospital *Including Indigenous Hospital **In cluding Satellite Clinic

Source: Dzongkhag Health Sector, Thimphu Dzongkhag

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

	2007	2008	2009	2010	2011
Average admission					
Hospital admission					
Total	11,029	11,772	12,522	14,532	15,538
Patient days	80,699	67,506	88,269	113,358	103,965
Average days	7.3	5.7	7.0	7.8	6.7
BHU admission	108	11	8	12	7

Source : Annual Health Bulletin, MoH

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

Details	2007	2008	2009	2010	2011
Surgeries					
Caesarian Section	642	630	721	895	960
General Abdominal	952	997	933	1669	1556
General Others	42	377	657	3522	2759
Orthopaedic extremities	866	821	657	785	1071
Orthopaedic Others	0	25	0	803	1144
Gynaecology	772	871	740	758	699
ENT	376	285	265	325	409
Eye	395	711	785	791	2135

Source: Annual Health Bulletin, MoH

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

	2007	2008	2009	2010	2011
Dental Services					
Prophylaxis	350	538	1160	1551	1208
Scaling	157	240	455	347	345
Fillings	8047	7434	7702	11221	10536
Extractions	95636	9739	11281	11835	27273
Others	13829	13811	15524	20009	7213

Source: Annual Health Bulletin, MoH

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

Priority health problem/ Disease	2007	2008	2009	2010	2011
Diarrhoea	7,193	5,116	4,251	5,469	6,443
Conjunctivitis	2,344	1,930	2,300	3,089	2,534
Dysentery	2,665	1,879	1,491	2,019	1,768
Typhoid	31	39	0	0	0
Sexually transmitted disease, excluding HIV/AIDS	157	97	158	62	76
Diabetes	123	151	685	1,136	1,276
Tuberculosis	238	234	177	239	335
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, Thimphu, Dzongkhag

Table 16. Child Disability, Thimphu, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	1.1
Difficulty seeing, either in the daytime or at night	1.1
Appears to have difficulty hearing	0.4
No understanding of instructions	1.1
stiffness	1
Have fits, become rigid, lose consciousness	16.9
Not learning to do things like other children his/her age	1.3
No speaking cannot be understood in words	1.4
Appears mentally backward, dull, or slow	0.8
Speech is not normal	2
Number of children aged 3-9 years	1170
Cannot name at least one object	12.6
Number of children aged 2 years	189
reported disability*	24.7
Number of children aged 2-9 years	1359

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Thimphu, (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]	11.9
Weight for age: % below -3 sd [2]	4.7
Weight for age: Mean Z-Score (SD)	-0.8
Weight for age: Number of children	785
Height for age: % below -2 sd [3]	37.8
Height for age: % below -3 sd [4]	23.2
Height for age: Mean Z-Score (SD)	-1.7
Height for age: Number of children	722
Weight for height: % below -2 sd [5]	6.2
Weight for height: % below -3 sd [6]	2.9
Weight for height: % above +2 sd	15.5
Weight for height: Mean Z-Score (SD)	0.3
Weight for height: Number of children	718

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Thimphu, (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	70.5
Percentage who were first breastfed: Within one day of birth	97.3
Percentage who received a prelacteal feed	4.8
Number of last-born children in the two years preceding the	298

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Thimphu, (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	22.6
Exclusive breastfeeding	3.4
Predominant breastfeeding	4.2
Number of children age 0-35 months	515

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Thimphu, (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	8.2
Weighed at birth	99.4
Number of live births in the last 2 years	298

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Thimphu, (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	55.3
3 doses, the last within prior 5 years	16
4 doses, the last within prior 10 years	0
5 or more doses during lifetime	0
Protected against tetanus [1]	92.2
Number of women with a live birth in the last 2 years	132

Source: BMIS, 2010

Table 22. Solid Fuel Use, Thimphu, (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	47.1
Liquefied Petroleum Gas (LPG)	52.1
Kerosene	0
Coal	0
Wood	0.6
Straw/Shrubs/Grass	0
No food cooked in household	0
Other	0.2
Total	100
Solid fuels for cooking	0.6
Number of household members	8372

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Thimphu, (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	72.4
Piped into compound	26.3
Piped to neighbor	0.9
Public outdoor tap	0.3
Protected well	0
Spring	0
Rainwater collection	0
Bottled water	0.2
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	8372

Source: BMIS, 2010

Table 24. Household Water Treatment, Thimphu, (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	1.8
Boil	95.2
Add bleach / chlorine	0.3
Strain through a cloth	1.1
Use water filter	60.1
Solar disinfection	0
Let it stand and settle	1.1
Other	0
Don't know	0
Number of household members unimproved drinking water sources and using an appropriate drinking water sources	8372
	0
	0

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Thimphu, (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	99.9
Less than 30 minutes	0.1
30 minutes or more	0
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	100
members	8372

Source: BMIS, 2010

Table 26. Types of sanitation Facilities, Thimphu, (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	19.5
Flush to septic tank (Without soak pit)	42.7
Flush to pit (latrine)	4.0
Flush to unknown place/not sure/DK where	0.0
Flush to septic tank (with soak pit)	16.5
Ventilated Improved Pit latrine (VIP)	2.8
Pit latrine with slab	5.5
Composing toilet	0
Unimproved sanitation facility	0
Flush to somewhere else	0
Pit latrine without slab /open pit	0
Long drop latrine	7.9
Bucket	0.1
Other	0.1
Missing	0.4
Open defecation (no facility, bush, field)	0
No facility, bush, field	0.5
Total	100
Number of household members	8372

Source: BMIS, 2010

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

Details	2008										2009										2010										Total
	CPS	PS	LSS	MSS	HSS	College	Pvt.	Other Inst.	NPE Centres	Daycare Centres	CPS	PS	LSS	MSS	HSS	College	Pvt.	Other Inst.	NPE Centres	Daycare Centres	CPS	PS	LSS	MSS	HSS	College	Pvt.	Other Inst.	NPE Centres	Daycare Centres	
Number of schools and institutions	6	6	6	9	4	2	0	12	n.a	6	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	6	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	45
Teaching staff	60	179	266	266	182	121	n.a	234	n.a	60	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	6	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	1,048
Bhutanese	60	177	253	253	142	71	n.a	177	n.a	26	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	6	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	886
Male	26	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	34	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	3	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	29
Female	34	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	n.a	n.a	3	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	37
Non-Bhutanese	0	2	13	13	40	50	n.a	57	n.a	0	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	n.a	n.a	n.a	n.a	n.a	n.a	162	
Male	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	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	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	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	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	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	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	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	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	n.a	n.a	n.a	n.a	n.a
Number of students	877	4,835	6,755	3,523	2,438	2,438	n.a	4,174	n.a	446	2,403	3,327	1,656	1,045	2,042	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	n.a	22,602	
Male	446	2,403	3,327	1,656	1,045	2,042	n.a	2,042	n.a	446	2,403	3,327	1,656	1,045	2,042	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	n.a	10,919	
Female	431	2,432	3,428	1,867	1,393	2,132	n.a	2,132	n.a	431	2,432	3,428	1,867	1,393	2,132	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	n.a	11,683	
Student to teacher ratio	14.62	27.01	25.39	19.36	20.15	n.a	n.a	18	n.a	14.62	27.01	25.39	19.36	20.15	n.a	n.a	n.a	n.a	n.a	n.a	14.62	27.01	25.39	19.36	20.15	n.a	n.a	n.a	n.a	124.37	
Number of schools and institutions	7	6	6	9	4	2	1	13	n.a	7	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	7	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	49	
Teaching staff	48	196	291	291	187	123	n.a	269	n.a	48	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	7	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	1,121	
Bhutanese	48	194	277	277	151	77	n.a	221	n.a	28	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	7	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	975	
Male	28	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	28	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	3	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	31	
Female	20	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	n.a	n.a	4	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	24	
Non-Bhutanese	0	2	14	14	36	46	n.a	48	n.a	0	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	n.a	n.a	n.a	n.a	n.a	n.a	146	
Male	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	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	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	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	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	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	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	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	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	n.a	n.a	n.a	n.a	n.a
Number of students	914	4,772	6,998	4,121	2,601	2,601	n.a	4,403	n.a	472	2,328	3,459	1,984	1,128	2,172	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	n.a	23,809	
Male	472	2,328	3,459	1,984	1,128	2,172	n.a	2,172	n.a	472	2,328	3,459	1,984	1,128	2,172	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	n.a	11,543	
Female	442	2,444	3,539	2,137	1,473	2,231	n.a	2,231	n.a	442	2,444	3,539	2,137	1,473	2,231	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	n.a	12,266	
Student to teacher ratio	19.04	24.35	24.05	22.04	21.15	n.a	n.a	16	n.a	19.04	24.35	24.05	22.04	21.15	n.a	n.a	n.a	n.a	n.a	n.a	19.04	24.35	24.05	22.04	21.15	n.a	n.a	n.a	n.a	126.99	
Number of schools and institutions	7	6	6	9	4	2	1	13	n.a	7	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	38	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	80	
Teaching staff	36	194	282	282	186	113	n.a	291	n.a	36	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	n.a	n.a	n.a	n.a	n.a	n.a	1,102	
Bhutanese	36	192	274	274	151	59	n.a	209	n.a	36	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	n.a	n.a	n.a	n.a	n.a	n.a	921	
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	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	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	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	n.a	n.a	n.a	n.a	n.a

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Non-Bhutanese	0	2	8	35	54	n.a	82	n.a	n.a	n.a	181
Male	0	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Female	0	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
Male	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
Number of students	638	4,897	7,022	4,241	2,706	n.a	5,145	n.a	n.a	n.a	24,644
Male	338	2,418	3,415	2,046	1,197	n.a	2,548	n.a	n.a	n.a	11,962
Female	295	2,479	3,607	2,195	1,509	n.a	2,597	n.a	n.a	n.a	12,682
Student to teacher ratio	17.58	25.24	24.90	22.80	23.95	n.a	18	n.a	n.a	n.a	132.15
2011											
Number of schools and institutions	5	6	8	6	2	1	12	3	28	5	76
Teaching staff	36	185	254	254	120	n.a	325	9	56	n.a	1,239
Bhutanese	34	183	247	222	82	n.a	263	9	56	n.a	1,096
Male	21	40	62	79	38	n.a	122	6	n.a	n.a	368
Female	13	143	185	143	44	n.a	141	3	n.a	n.a	672
Non-Bhutanese	n.a	2	7	32	38	n.a	62	n.a	n.a	n.a	141
Male	n.a	1	4	22	27	n.a	41	n.a	n.a	n.a	95
Female	n.a	1	3	10	11	n.a	21	n.a	n.a	n.a	46
Temporary teachers	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
Female	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	1,351	5,000	6,530	7,183	2,715	n.a	5,230	154	837	n.a	29,000
Male	696	2,615	3,172	3,503	1,265	n.a	2,611	90	n.a	n.a	13,952
Female	655	2,385	3,358	3,680	1,450	n.a	2,619	64	n.a	n.a	14,211
Student to teacher ratio	37.53	27.03	25.71	28.28	22.63	n.a	16.09	17.11	14.95	n.a	189.32
2012											
Number of schools and institutions	n.a	13	8	6	2	n.a	12	1	n.a	n.a	42
Teaching staff	n.a	256	363	359	167	n.a	545	10	n.a	n.a	1,700
Bhutanese	n.a	254	354	327	131	n.a	490	10	n.a	n.a	1,566
Male	n.a	71	88	105	67	n.a	240	7	n.a	n.a	578
Female	n.a	183	266	222	64	n.a	250	3	n.a	n.a	988
Non-Bhutanese	n.a	n.a	5	31	36	n.a	55	n.a	n.a	n.a	127
Male	n.a	n.a	2	21	25	n.a	43	n.a	n.a	n.a	91
Female	n.a	n.a	3	10	11	n.a	12	n.a	n.a	n.a	36
Temporary teachers	n.a	2	4	1	n.a	n.a	n.a	n.a	n.a	n.a	7
Male	n.a	n.a	3	1	n.a	n.a	n.a	n.a	n.a	n.a	4
Female	n.a	2	1	n.a	n.a	n.a	n.a	n.a	n.a	n.a	3
Number of students	n.a	5,398	5,107	6,969	1,833	n.a	5,853	148	n.a	n.a	25,308
Male	n.a	2,682	2,469	3,390	1,199	n.a	2,892	84	n.a	n.a	12,716
Female	n.a	2,716	2,638	3,579	634	n.a	2,961	64	n.a	n.a	12,592
Student to teacher ratio	n.a	21.09	14.07	19.41	10.98	n.a	11.94	14.80	n.a	n.a	92

Source: Dzongkhag & Thromde Education Sector, Thimphu Dzongkhag

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

Class	2008	2009	2010	2011	2012
Primary level					
Total	14,012	14,198	14,618	14,842	14,361
Class PP	2,198	2,121	2,296	1,986	1,940
Class I	2,041	2,162	2,172	2,261	1,961
Class II	2,121	2,103	2,175	2,171	2,225
Class III	1,979	2,045	2,058	2,154	2,025
Class IV	1,982	2,097	2,134	2,191	2,161
Class V	1,838	1,921	1,942	2,110	2,065
Class VI	1,853	1,749	1,841	1,969	1,984
Male					
Total	7,017	7,079	7,344	7,596	7,178
Class PP	1,109	1,054	1,190	1,014	977
Class I	1,038	1,073	1,108	1,217	995
Class II	1,064	1,057	1,101	1,108	1,145
Class III	1,040	1,017	1,023	1,109	1,038
Class IV	955	1,094	1,066	1,097	1,062
Class V	907	943	1,007	1,059	1,001
Class VI	904	841	849	992	960
Female					
Total	6,995	7,119	7,274	7,246	7,183
Class PP	1,089	1,067	1,106	972	963
Class I	1,003	1,089	1,064	1,044	966
Class II	1,057	1,046	1,074	1,063	1,080
Class III	939	1,028	1,035	1,045	987
Class IV	1,027	1,003	1,068	1,094	1,099
Class V	931	978	935	1,051	1,064
Class VI	949	908	992	977	1,024
Secondary level					
Total	8,855	9,500	10,361	10,625	11,737
Class VII	1,654	1,777	1,768	1,894	2,033
Class VIII	1,347	1,578	1,832	1,692	1,804
Class IX	1,552	1,556	1,587	1,783	1,780
Class X	1,159	1,408	1,438	1,469	1,561
Class XI	1,549	1,688	1,962	1,846	2,527
Class XII	1,594	1,493	1,774	1,941	2,032
Male					
Total	4,067	4,392	4,792	4,989	5,514
Class VII	796	841	837	875	979
Class VIII	631	719	875	774	816
Class IX	707	718	727	866	842
Class X	501	645	662	663	723
Class XI	698	766	868	884	1,204
Class XII	734	703	823	927	950
Female					
Total	4,788	5,108	5,569	5,636	6,223
Class VII	858	936	931	1,019	1,054
Class VIII	716	859	957	918	988
Class IX	845	838	860	917	938
Class X	658	763	776	806	838
Class XI	851	922	1,094	962	1,323
Class XII	860	790	951	1,014	1,082

Source: Dzongkhag & Thromde Education Sector, Thimphu Dzongkhag

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

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total	14,012	14,198	14,618	14,832	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
Male	7,017	7,079	7,344	7,586	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	6,995	7,119	7,274	7,246	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)					
Total	3,001	3,355	3,600	3,586	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	1,427	1,560	1,712	1,649	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	1,574	1,795	1,888	1,937	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)					
Total	2,711	2,964	3,025	3,252	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	1,208	1,363	1,389	1,529	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	1,503	1,601	1,636	1,723	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)					
Total	3,143	3,181	3,736	3,787	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	1,432	1,469	1,691	1,811	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	1,711	1,712	2,045	1,976	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: Dzongkhag & Thromde Education Sector, Thimphu Dzongkhag

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

Literacy Among Young Women	2010
Percentage literate	79.5
Percentage not known	0
Number of women age 15-24 years	763

Source: BMIS, 2010

Table 31. School Readiness, Thimphu, (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	1.5
Number of children attending first grade of primary school	180

Source: BMIS, 2010

Table 32. Primary School Entry, Thimphu, (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	68.5
Number of children of primary school entry age	196

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Thimphu, (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	98.5
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	97.6
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	94.8

Source: BMIS, 2010

Table 34. Education Gender Parity, Thimphu, (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	94.9
Primary school adjusted net attendance ratio (NAR), boys	94.7
Gender parity index (GPI) for primary school adjusted NAR	1
Secondary school adjusted net attendance ratio (NAR), girls	73.5
Secondary school adjusted net attendance ratio (NAR), boys	79.5
Gender parity index (GPI) for secondary school adjusted NAR	0.92

Source: BMIS, 2010

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

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy	n.a	n.a	14
Homicide	n.a	n.a	4
Assault, battery and related offences	n.a	n.a	545
Kidnapping and related offences	n.a	n.a	2
Sexual offence	n.a	n.a	17
Offence against infant, child, mentally disabled and incompetent person	n.a	n.a	1
Arson and related offences	n.a	n.a	5
Burglary, trespass and related offences	n.a	n.a	217
Larceny, robbery, armed robbery and related offences	n.a	n.a	506
Money laundering and smuggling	n.a	n.a	
Embezzlement and bribery	n.a	n.a	4
Forgery and related offences	n.a	n.a	19
Defamation and related offences	n.a	n.a	4
Treason, terrorism and related offences	n.a	n.a	
Offences against cultural and national heritage	n.a	n.a	3
Offences against judicial authority	n.a	n.a	
Prostitution and related offences	n.a	n.a	
Offences against the public welfare	n.a	n.a	99
Offences related to public and civic duties	n.a	n.a	2
Offences related to public order and tranquillity	n.a	n.a	52
Offences against privacy	n.a	n.a	
Computer offences	n.a	n.a	

Offences related to firearms and weapons	n.a	n.a	7
Offences related to protected species, controlled and other harmful substances	n.a	n.a	
Motor vehicle offences	n.a	n.a	166
Others	n.a	n.a	988
Total crimes	n.a	n.a	51
			2706

Source: Royal Bhutan Police, Thimphu Dzongkhag

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

Month	(Incident)		
	2009	2010	2011
January	n.a	5	67
February	n.a	7	66
March	n.a	11	68
April	n.a	8	82
May	n.a	6	90
June	n.a	12	77
July	n.a	9	90
August	n.a	97	112
September	n.a	133	88
October	n.a	92	99
November	n.a	78	75
December	n.a	89	74
Total	n.a	547	988

Source: Royal Bhutan Police, Thimphu Dzongkhag

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

Details	(Incident)		
	2009	2010	2011
Mechanical fault	n.a	8	10
Drunk driving	n.a	64	176
Bad weather	n.a	15	22
Without licence	n.a	42	126
Unknown causes	n.a	0	0
Other causes	n.a	323	949
All causes	n.a	452	1283

Source: Royal Bhutan Police, Thimphu Dzongkhag

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Table 38. Attitudes Toward Domestic Violence, Thimphu, (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	34.4
If she neglects the children	35.6
If she argues with him	24.9
If she refuses sex with him	11.8
If she burns the food	8.8
For any of these reasons	46.2
Number of women age 15-49 years	2054

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Dzongkhag area (Sq. Km)	2,067	2,067	2,067	2,067	2,067
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	1	n.a	1
Houses damaged by earthquakes (Number)	n.a	n.a	n.a	n.a	n.a
Number of forest fires ³	n.a	7	n.a	9	4
Acreage destroyed by forest fires	n.a	3,535	n.a	3	632.2
Acreage 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, ³Thimphu Forest division, Thimphu Dzongkhag

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

Month/ Temperature	2010			2011		
	(Degree Celsius)			(Degree Celsius)		
	Maximum	Minimum	Average	Maximum	Minimum	Average
January	17.50	-2	8	15	-2	7
February	18.20	1	9	17	2	9
March	21.50	5	13	20	4	12
April	23.70	9	16	22	8	15
May	23.30	12	17	24	12	18
June	25.80	16	21	26	15	20
July	25.40	17	21	25	17	21
August	25.80	17	21	26	16	21
September	24.50	15	20	24	14	19
October	22.70	10	16	23	9	16
November	19.10	6	13	18	3	11
December	18.80	-2	8	16	1	9
Annual	266.30	103	184	255	98	177

Source: SYB, NSB

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

Month/ Monthly Rainfall	2010				2011			
	Station		Station		Station		Station	
	Gidakom	Simtokha	MOEA Complex	Dochula	Gidakom	Simtokha	MOEA Complex	Dochula
January	0	0	0	0	2	0	1	0
February	1	1	2	0	22	27	35	0
March	14	15	25	0	3	12	6	0
April	37	7	15	0	6	6	5	0
May	59	56	74	0	3	20	27	0
June	123	129	135	0	64	137	23	0
July	215	184	211	0	64	100	107	0
August	97	91	90	0	108	131	122	0
September	68	66	74	0	86	111	138	0
October	27	34	34	0	20	25	1	0
November	3	0	1	0	2	2	4	0
December	0	0	3	0	0	0	0	0
Annual	644	584	665	0	378	572	469	0

Source: SYB, NSB

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

Details	2010
Forest coverage (%) ²	66.2
Number of snow fall at Dzongkhag headquarter	2
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, Thimphu, (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	26.4
Put / Rinsed into toilet or latrine	59.3
Put / Rinsed into drain or ditch	10.4
Thrown into garbage (solid waste)	3.2
Buried	0.5
Left in the open	0
Other	0.3
Total	100
Percentage of children whose stools were disposed of safely	85.6
Number of children age 0-2 years	515

Source: BMIS 2010

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

Details	2008	2011
Local governance (Number)		
Parliamentarians	3	3
Male	2	2
Female	1	1
Gups	8	1
Male	8	8
Female	0	0
Total gewog tshogpas ¹	51	35
Male	48	29
Female	3	6
Total Mangmis ¹	8	8
Male	8	8
Female	0	0
DYT members ²	16	16
Male	16	16
Female	n.a	n.a
GYT members ¹	64	51
Male	61	45
Female	3	6
Polling stations ²	27	40
Eligible voters (18 years and above) ²	n.a	4,971
Male	n.a	n.a
Female	n.a	n.a
% of Voters turnout during election	n.a	51
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, Thimphu Dzongkhag.

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

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

Source: Election Office, Thimphu Dzongkhag

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

Details	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	Total Expenditure 2008-2012
Sectors					
Adm & Management	45.73	53.968	57.639	78.353	235.688
Agriculture	5.69	12.290	17.645	15.679	51.304
Livestock	10.26	16.100	14.961	12.068	53.389
Forestry	5.24	10.640	7.719	6.854	30.453
Education	54.36	69.320	76.093	100.992	300.765
Health	6.35	8.930	6.942	39.844	62.066
Works & Human Settlement	6.33	9.380	10.490	11.461	37.661
Religion & Culture	n.a	n.a	2.460	20.912	23.372
Total	133.96	180.628	193.949	286.163	794.698

Source: Planning & Finance Section, Thimphu Dzongkhag

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

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	56.9	31.7	n.a	71.1
Agriculture	11.2	5.7	n.a	13.2
Livestock	6.7	3.1	n.a	18.6
Forestry	3.3	3.3	n.a	8.7
Education	7.9	42.8	n.a	59.9
Health	10.7	8.5	n.a	9.9
Urban development & housing	n.a	4.3	n.a	n.a
Roads	3.4	0.6	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	100.0	100.0	-	181.3
Total plan outlay	100.0	100.0	-	181.3

Source: Dzongkhag Administration, Thimphu

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

Sectors	(in million Nu.)			
	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	4,191.0	66.4	n.a	37.9
Agriculture	7.1	1.7	n.a	9.7
Livestock	11.5	6.5	n.a	11.4
Forestry	3.9	2.0	n.a	6.3
Education	21.3	20.0	n.a	39.9
Health	5.6	3.1	n.a	6.9
Urban development & housing	n.a	n.a	n.a	n.a
Roads	8.4	0.3	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	4,248.8	100.0	-	112.2
Total plan expenditure	4,248.8	100.0	-	112.2

Source: Dzongkhag Administration, Thimphu Dzongkhag

(In million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	104.9	63.8	n.a	24.7
Agriculture	20.6	11.5	n.a	23.0
Livestock	12.3	6.3	n.a	3.9
Forestry	6.1	6.7	n.a	2.5
Education	14.6	85.9	n.a	n.a
Health	19.7	17.0	n.a	6.1
Urban development & housing	n.a	8.7	n.a	n.a
Roads	6.3	1.2	n.a	4.5
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	184.4	200.9	-	64.7
Total plan outlay	184.4	200.9	-	64.7

Source: Planning Unit, Thimphu Dzongkhag

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

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	144.2	194.4	n.a	13.8
Agriculture	24.5	5.4	n.a	12.3
Livestock	39.6	20.6	n.a	2.7
Forestry	13.5	6.5	n.a	2.3
Education	73.2	63.7	n.a	n.a
Health	20.4	9.9	n.a	3.6
Urban development & housing	n.a	n.a	n.a	n.a
Roads & bridges	28.9	0.8	n.a	3.0
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	344.1	301.2	-	37.7
Total plan outlay	344.1	301.2	-	37.7

Source: Dzongkhag Administration, Thimphu Dzongkhag

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

Details	(Number)					
	2008	2009	2010	2011	2012	
Total	n.a	n.a	43600	39400	46046	
Male	n.a	n.a	24600	23900	25924	
Female	n.a	n.a	19000	15500	20122	
Rural Total	n.a	n.a	7000	4800	7232	
Male	n.a	n.a	3700	3200	3596	
Female	n.a	n.a	3300	1600	3636	
Urban Total	n.a	n.a	36600	34600	38814	
Male	n.a	n.a	20900	20700	22328	
Female	n.a	n.a	15700	13900	16486	

Source: Labour Force Survey, MoLHR

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

Details	2009	2010	2011	2012
Total labour force (Number)	n.a	46,100	42,400	48,108
Total employed (%)	n.a	94.4	93.2	95.7
Male	n.a	53.1	56.6	53.9
Female	n.a	42.2	36.6	41.8
Unemployment rate	n.a	5.6	6.8	4.3
Total employed in Agriculture (%)	n.a	7.9	1.8	15.4
Male	n.a	3.9	0.8	1.4
Female	n.a	4.0	1.0	14.0
Total employed in Industries (%)	n.a	38.8	39.5	38.4
Male	n.a	17.7	18.7	20.8
Female	n.a	21.1	20.8	17.6
Total employed in Services (%)	n.a	54.1	58.5	46.2
Male	n.a	35.2	40.8	34.1
Female	n.a	18.9	17.7	12.1
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
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	65.5	56.1
Male participation rate	n.a	76.2	68.0
Female participation rate	n.a	56.1	45.0

Source: Labour Force Survey, MoLHR

Table 53. Child Labour, Thimphu, (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
Working for family business	7.4
Economic activity for at least one hour	7.4
Household chores less than 28 hours	36.1
Household chores for 28 hours or more	0
Child labour	7.4
Number of children age 5-11	1199
Percentage of children age 12-14 involved in	n.a
Economic activity	n.a

Working outside household	n.a
Paid work	0.7
Unpaid work	0
Working for family business	9.4
Economic activity less than 14 hours	9.8
Economic activity for 14 hours or more	0.3
Household chores less than 28 hours	80.6
Household chores for 28 hours or more	0
Child labour	0.3
Number of children age 12-14	671
Total child labour [1]	4.9
Number of children age 5-14 years	1870

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Thimphu, (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	4.9
Percentage of children attending school	88.9
Number of children age 5-14 years	1870
Percentage of child labourers who are attending school	78.6
Number of children age 5-14 years involved in child labour	91
Percentage of children attending school who are involved in child labour	4.3
Number of children age 5-14 years attending school	1663

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Paddy					
Area (Acres)	730	n.a	650	2,171	n.a
Production (MT)	1,193	n.a	1,054	1,499	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Maize					
Area (Acres)	n.a	n.a	5	32	n.a
Production (MT)	n.a	n.a	4	8	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Wheat					
Area (Acres)	n.a	n.a	176	582	n.a
Production (MT)	n.a	n.a	112	121	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Barley					
Area (Acres)	n.a	n.a	29	14	n.a
Production (MT)	n.a	n.a	7	5	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	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
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								n.a
Apples								n.a
Number of fruit bearing trees	54,839	177,050	119,009	179,080				n.a
Production (Kg)	2,099,000	2,581,500	1,648,000	3,585,000				n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a				n.a
Oranges/ Mandarin								n.a
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								n.a
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								n.a
Number of fruit bearing trees	1,917	121	133	136				n.a
Production (Kg)	58,000	2,710	3,400	3,433				n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a				n.a
Plum								n.a
Number of fruit bearing trees	n.a	n.a	1,297	n.a				n.a
Production (Kg)	n.a	8,000	10,000	n.a				n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a				n.a
Areca Nut								n.a
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

Carrot												n.a
Production (Kg)	n.a	n.a	20,000	24,796								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
Egg Plant (Brinjal)												n.a
Production (Kg)	n.a	n.a	2,000	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
Raddish												n.a
Production (Kg)	256,000	173,830	163,000	165,762								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
Ginger												n.a
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.)	n.a	n.a	n.a	n.a								n.a
Cardamom												n.a
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.)	N.A	N.A	N.A	N.A								n.a
Garlic												n.a
Production (Kg)	4,000	9,850	1,000	n.a								n.a
Production (Nu.)	1,000,000	n.a	n.a	n.a								n.a
Price per Kg(Nu.)	250	n.a	n.a	n.a								n.a
Oil seeds and legumes												n.a
Lentils												n.a
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.)	N.A	N.A	N.A	N.A								n.a

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

Details	2007	2008	2009	2010	2011
Irrigation for agriculture					
Number of irrigation channels	39	39	39	40	40
Functional	38	38	39	40	40
Non-Functional	1	1	0	0	0
Total length of channels (Km)	131	131	130	132	132
Area covered by irrigation (Acres)	1,924	1,924	1,924	1,944	1,944
Number of households benefitted	2,044	2,044	1,044	1,064	1,064
Number of food processing units	1	1	1	1	1
Number of agriculture mills ¹	n.a	n.a	n.a	156	156
Number of livestock product processing units	0	0	0	0	0
Number of farmer association/groups	4	5	19	25	30
Agriculture	1	2	2	2	3
Livestock	47	4	8	10	12
Forestry	0	0	9	13	15
Number of power tillers	n.a	80	na	68	n.a

Note: ¹Including two traditional mills

Source: Agriculture Sector, Thimphu Dzongkhag

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

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle					
Local breed	4,764	1,095	1,563	2,067	1,111
Male	3,493	795	650	n.a	n.a
Female	1,271	300	913	n.a	n.a
Improved breed	2,261	1,736	1,808	1,180	1,765
Male	617	476	439	n.a	n.a
Female	1,644	1,260	1,369	n.a	n.a
Mithun	276	410	1,272	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	1,314	1,200	801	1,131	1,171
Local breed	992	898	743	n.a	n.a
Improved breed	322	302	58	n.a	n.a
Yak	10,088	11,073	10,395	10,119	11,023
Male	4,507	4,594	4,399	n.a	n.a
Female	5,581	6,479	5,996	n.a	n.a
Sheep	29	18	3	13	10
Local breed	29	18	3	n.a	n.a
Improved breed	n.a	n.a	n.a	n.a	n.a
Pig	1,071	997	743	665	77
Local breed	240	92	58	n.a	n.a
Improved breed	831	905	685	n.a	n.a
Poultry	3,097	2,105	1,158	3,924	10,288
Local breed	1,051	847	636	n.a	n.a
Improved breed	2,046	1,258	522	n.a	n.a
Goat	46	30	31	31	30

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Thimphu Dzongkhag

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

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	1,702,000	687,000	1,128,000	1,151,618	1,080,272
Price per liter (Nu.)	30	30	35	35	40
Butter (Kg)	93,230	26,350	30,880	33,122	43,165
Price per Kg (Nu.)	200	250	300	350	380
Fresh Cheese (Kg)	295,220	32,140	58,670	31,916	28,358
Price per Kg (Nu.)	200	200	250	250	260
Processed cheese (kg)	n.a	n.a	36,731	40,149	46,021
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Eggs (dozen)	10,190	6,208	29,549	30,585	1,751,400
Price per piece (Nu.)	8	8	9	10	12
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)	13,710	5,010	32,190	n.a	n.a
Price per Kg (Nu.)				n.a	n.a
Pork (Kg)	34,570	19,660	10,910	2,840	60
Price per Kg (Nu.)	120	120	130	130	150
Yak Meat (Kg)	12,210	18,600	38,480	5,450	52,650
Price per Kg (Nu.)					
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)	1,500	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, Thimphu Dzongkhag

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

Details	2007	2008	2009	2010	2011
Wood Forest Product ¹					
Log Form (Cft)	275,648	260,590	293,676	13,273	254,620
Price per Cft(Nu.)	n.a	n.a	n.a	n.a	n.a
Fire wood (Cubic metres)	4,609	6,170	6,589	2,278	5,292
Price per Cubic metre(Nu.)	n.a	n.a	n.a	n.a	130
Flag Poles (Number of trees)	6,968	6,490	6,185	6,937	14,600
Price per tree(Nu.)	n.a	n.a	n.a	n.a	4
Shinglap (Number of trees)	43	35	109	21	32
Price per tree(Nu.)	n.a	n.a	n.a	n.a	40
Cham (Number of trees)	5,912	7,947	5,159	2,476	2,438
Price per tree(Nu.)	n.a	n.a	n.a	n.a	30
Tsim (Number of trees)	4,565	7,601	4,357	1,561	1,353
Price per tree(Nu.)	n.a	n.a	n.a	n.a	12
Non-Wood Forest Product					
Mushroom (Kg)	4,493	4,603	5,639	415	268
Mushroom (Nu.)	n.a	n.a	n.a	n.a	4
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)	2,741	3,995	3,205	3,289	24
Price per cft(Nu.)	n.a	n.a	n.a	n.a	40
Stones (Truck load)	983	467	363	74	165
Price per cft(Nu.)	n.a	n.a	n.a	n.a	40
Bamboo (Number)	9,117	5,365	5,100	2,375	5,350
Price per piece (Nu.)	n.a	n.a	n.a	n.a	8
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

	n.a	n.a	n.a	n.a	n.a	n.a
Price per liter (Nu.)						
Mining Sites (Number)	2	1	1	1	1	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	17	28	40	40	n.a	24

Note: Cordyceps amount collected only for auction royalty charges.

Source: ¹Divisional Forest, Thimphu

Table 60. Electricity Generating Stations and Capacities, Thimphu, (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)
Thimphu Mini Hydel	0.304	0.304	0.24	0.304	0.304	0.336	0.36
Gidakom Mini Hydel	n.a	n.a	n.a	n.a	n.a	n.a	1.25
Diesel generation stations							
Diesel Power house (Changzamtog)	3.068	2.568	2.03	2.568	2.313	4.647	2.568
DG set at Thimphu Mini Hydel (Samtenling)	n.a	n.a	n.a	n.a	n.a	n.a	0.304
Other diesel stations							
Mobile DG set	0.1	0.1	0.08	0.1	0.1	0.121	0.108
							0.108
							0.176
							0.304
							0.108
							0.108
							0.013

Source: Distribution & Customer Services Department, BPC, Thimphu

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

Details	2009	2010	2011	2012
Total number of household in Urban	n.a	n.a	n.a	n.a
Total number of household in Rural	n.a	n.a	n.a	n.a

Soruce: BMIS, 2010

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

new buildings	2009	2010	2011
Motithang	15	26	22
Changangkha	4	10	9
Norzin	4	4	18
Changbangdu-Olakha	7	28	163
Jungshina-Kawangjangsa	3	11	41
Dechencholing-Taba	13	33	43
Babesa	15	52	44

Source: Dzongkhag Municipal, Thimphu Dzongkhag

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

Details	2009	2010	2011
Industries by type (Number)			
Agro based	7	10	2
Forestry based	4	12	7
Mineral based	3	4	4
Others	37	81	42
Industries by scale (Number)	705	1,287	645
Large	3	7	5
Medium	10	18	7
Small	166	348	218
Cottage	526	914	415
Contract firms (Number)	155	307	179
Large	n.a	n.a	n.a
Medium	n.a	n.a	n.a
Small	n.a	n.a	n.a

Source: Regional Trade Office, Thimphu

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

Details	(Number)				
	2007	2008	2009	2010	2011
Trade and Industries	10,922	12,818	14,468	18,853	21,337
Micro & retail trade licences issued	2,749	n.a	4,638	6,027	6,620
Micro & retail trade licences in operation	n.a	3,470	n.a	1,329	1,904
Wholesale trade licences issued	87	n.a	139	162	186
Wholesale trade licences in operation	n.a	100	n.a	21	45
Services licences issued	4,946	5,550	6,206	6,927	7,517
Services licences in operation	2,486	2,973	2,722	3,422	3,990
Manufacturing licences issued	449	485	539	640	695
Manufacturing licences in operation	205	240	224	325	380

Source: Regional Trade Office, Thimphu

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

Details	2007	2008	2009	2010	2011
Public Service Transport					
Bus	n.a	75	75	76	81
Taxi	1,575	1,748	1,983	2,522	3,305
Motor vehicle registration					
Heavy	1,837	1,867	1,905	2,318	2,615
Medium	53	89	120	195	273
Small	13,063	15,242	17,101	19,502	21,995
Two wheeler	3,601	3,714	3,787	3,953	4,083
Auto Mobile workshop ³	2	3	7	10	16
Bus stations	1	1	1	1	1

Source: RSTA, ³Regional Trade Office, Thimphu**Table 66: Number of Roads and Bridges, Thimphu, (2007~2011)**

Details	2007	2008	2009	2010	2011
Roads (Length in Km)					
Farm roads ¹	28	25	24	22.18	33.68
Feeder roads ²	42.9	46.3	44.8	n.a	n.a
Forest roads ¹	104	104	n.a	n.a	n.a
Highways/Dzongkhag roads	117	117	n.a	117.2	117.2
Bridges (Number)	24	24	22	22	24
Suspension bridge ¹	11	11	9	9	11
Suspended ¹	n.a	n.a	n.a	n.a	n.a
Bailey bridges ²	13	13	13	13	13
Traditional bridges ¹	n.a	n.a	n.a	n.a	n.a

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

Table 67. Telecommunications, Thimphu, (2007 ~ 2011)

Telecommunications	(Number)				
	2007	2008	2009	2010	2011
Households with fixed telephone connections	n.a	n.a	n.a	n.a	n.a
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	0	0	0	0	2
Gewogs accessible to mobile services	7	5	5	5	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, Thimphu Dzongkhag.

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

Number of establishments	(number)			
	2009	2010	2011	2012
RICBL	1	2	2	n.a
BIL	1	1	1	n.a
BDBL	2	2	2	n.a
BNBL	1	1	1	n.a
DPNBL	1	1	2*	n.a
T-Bank	1	1	1	n.a
BOBL	1	1	1	n.a
ATM Machine	n.a	n.a	21	n.a

Note: *Corporate office & Thimphu branch

Source: Financial Institutions, Thimphu Dzongkhag

Table 69. Number of account holders in Banks, Thimphu, (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	1,885	N.A	N.A	N.A	N.A	1,835	N.A	N.A	N.A	N.A
BIL	599	N.A	N.A	N.A	N.A	246	N.A	N.A	N.A	N.A
BDBL	6,510	1,810	305	128	234	28,895	39,860	197	2,275	2,197
ENBL	9,504	44,460	3,553	2,961	18	8,211	47,006	3,039	2,806	185
DPNBL	633	11,802	294	370	849	1,968	18,972	485	1,066	1,893
T-Bank	1,388	2,912	120	78	112	1,811	2,921	79	124	171
BOBL	4,673	38,053	3,058	5,337	7,051	n.a	n.a	n.a	n.a	n.a

Source: Financial Institutions, Thimphu Dzongkhag

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

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Drungkhags	1	1	1	1	1	1
Gewogs	10	8	8	8	8	8
Chiwogs	68	44	44	44	40	40
Villages	n.a	120	120	120	225	225
Households	n.a	n.a	n.a	n.a	n.a	n.a
Towns	1	1	1	1	1	1
Number of Police stations	1	1	1	1	1	1

Source: Dzongkhag Administration, Thimphu Dzongkhag

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

Details	2007	2008	2009	2010	2011
Number of children park	2	2	2	2	2
Number of hotels	11	11	16	19	24
Number of restaurants	130	140	160	132	161
Number of drayang*	n.a	n.a	14	14	14
Number of discotheques*	n.a	n.a	2	3	7
Number of foreign tourist visi	n.a	n.a	n.a	n.a	n.a

Source: *BICMA, Regional Office, MoEA, Thimphu Dzongkhag



**Annual Dzongkhag Statistics
2012**



**Dzongkhag Administration
trASHigAng**

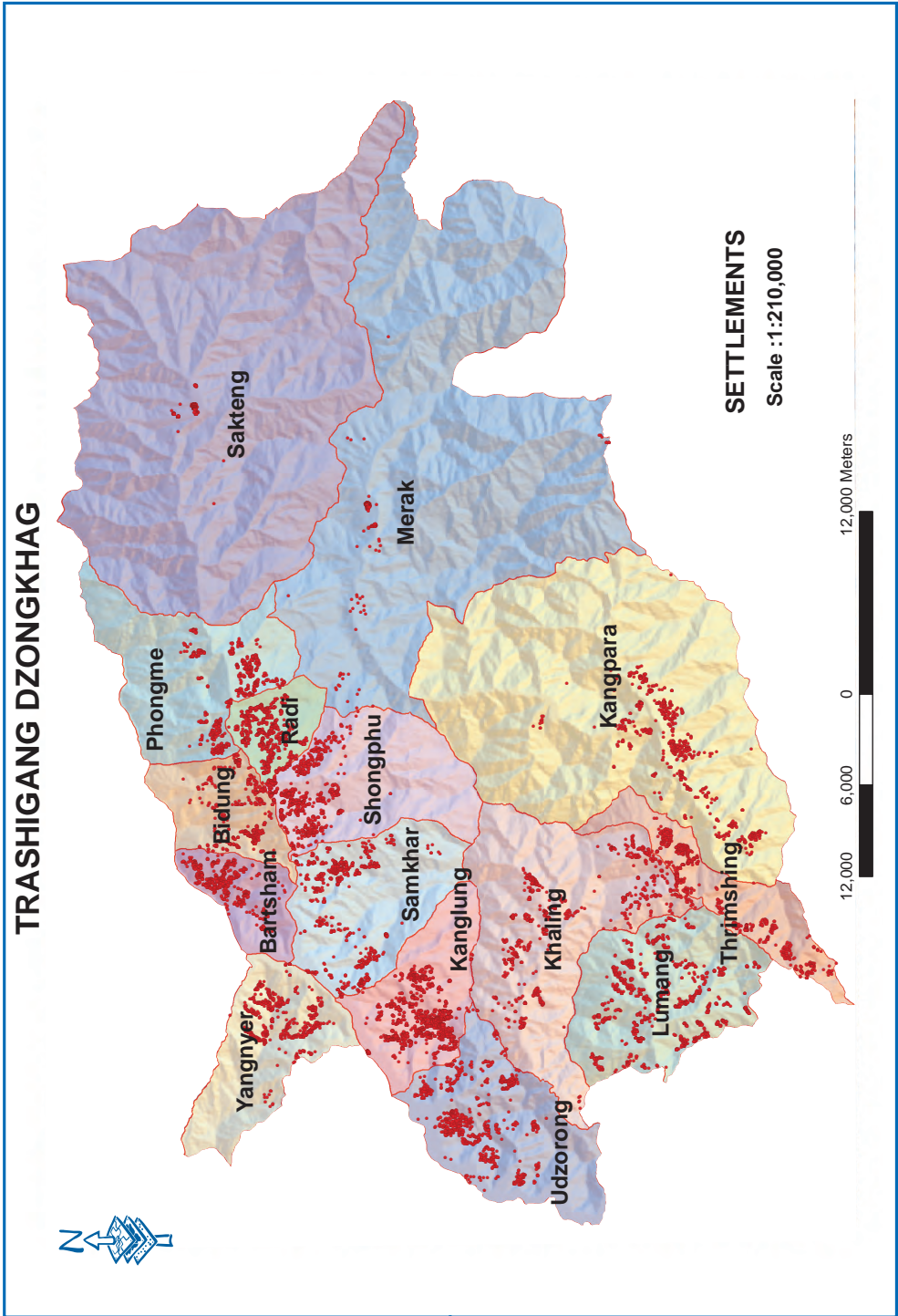
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Preface

The Annual Dzongkhag Statistics of Trashigang is the third in the series of publications. It attempts to provide comprehensive statistics of Trashigang 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, Trashigang 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
Trashigang**

Background

Trashigang Dzongkhag has bordered by Mongar Dzongkhag in the west, Samdrup Jongkhar and Pemagatshel Dzongkhag in the South, Trashhi Yangtse Dzongkhag in the north and Indian state of Aranchal Pradesh in the east. Trashigang is one of the largest Dzongkhag in the Kingdom with total area about 2204 Sq. Km (Land Mapping & Classification Project 2010). In 2012 the projected population for the Dzongkhag is 54,036. Dangme chu, which is one of the largest river in the country passes through the Dzongkhag. The elevation ranges from 600 m to over 4500 m above sea level. The climate is mainly temperate with an annual rainfall between 1000 mm and 2000 mm.

Trashigang Dzongkhag has three Drungkhags (namely Sagteng, Wamrong and Thrimshing) and fifteen geogs, namely; Bartsham, Bidoong, Kanglung, Kangpar, Khaling, Lumang, Merag, Phongmed, Radhi, Sagteng, Samkhar, Shongphoog, Thrimshing, Udzorong and Yangnyer.

The Dzongkhag has 10 Early Child Care & Development Centres, 9 Extended Classroom, 31 Community Pry Schools, 10 Primary Schools, 10 Lower Secondary Schools, 5 Middle Secondary Schools, 4 Higher Secondary Schools with total students of 12,615 in 2012 and 1 National Institute for the Visually Impaired, 1 Rangjung Institute of Electrical Engineering, 1 Draksho Vocational Training Centre and 1 tertiary education center (Sherubtse College) which sum up to 83 schools/institutes. There are 3 hospitals (including IMTART, RBA), 24 Basic Health Unit (both grade I & II), 3 sub posts and 57 out reach clinics rendering public health and 95.38 % of the population has access to safe drinking water supply. The 5 satellite towns and 458 villages of all 15 Gewogs has an access to electricity with the electricity coverage of 95.19% of which total consumer of 10,469 and 87 households with solar light. The Rural Telecom Coverage of 98.39% with B-mobile & T-Cell connecting all Gewogs. The totals length of 812.54 Km with road network coverage of 72.61 % (1 hour walking distance from nearest access road) of which 111.0 Km national highways, 161.48 Km district roads, 8.9 Km urban roads, 492.76 Km farms roads and power tiller tracks, 8.5 Km forest roads and 29.9 Km of access (approach) roads.

Trashigang dzong was built in 1659 by Trongsa Penlop, Chogyel Minjur Tempa (1659-1676 AD, the 3rd Deb of Bhutan). The dzong was then named as Trashigang, "the Fortress of the Auspicious Mountain". The dzong was expended by Tenzin Rabgye, 4th Desi of Bhutan (1680-1694) and restored it around 1950 by Dasho Dopola,

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Trashigang Dzongpon. During 1960s and 1970s late Lyonpo Tamzhing Jagar (then the Nyerchen of Trashigang), Dasho Kuenzang Tangbi, then Dzongdag of Trashigang carried out some repairs and changed the shingle roofing with asbestos sheet .

The dzong has 8 different Lhakhangs and these are Lam Lhakang in the central tower which is dedicated to Shabdrung Rimpochhe, the Tshechu Lhakang with Guru Tshengye, the Goenkhang dedicated to deities Mahakala and Mahakali, the Dupthob Lhakang for Dupthob Thangthong Gyalpo and other great Buddhist saints, the Kuenray Lhakang, the Tshokshing Lhakang which has the lineage of Drukpa, Karmapa, Nyingmapa and Zogchen displayed and the Dema Lhakang with 21 kinds of Demas.

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, Trashigang, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	48,783	49,523	50,271	51,024	51,780	52,536	53,293	54,036
0-4	4,843	5,243	5,570	5,893	6,211	6,519	6,472	6,413
5-9	5,797	5,153	5,015	4,898	4,799	4,719	5,045	5,370
10-14	6,356	5,546	5,457	5,355	5,248	5,144	4,999	4,875
15-19	6,521	5,451	5,468	5,477	5,470	5,441	5,388	5,312
20-24	4,665	5,117	5,157	5,191	5,223	5,252	5,282	5,309
25-29	3,400	4,585	4,674	4,754	4,825	4,891	4,949	4,998
30-34	2,765	3,813	3,940	4,073	4,202	4,320	4,428	4,523
35-39	2,705	3,185	3,268	3,353	3,446	3,553	3,674	3,805
40-44	2,217	2,588	2,678	2,774	2,871	2,965	3,055	3,142
45-49	2,179	2,132	2,186	2,243	2,309	2,382	2,466	2,558
50-54	1,805	1,758	1,803	1,851	1,901	1,954	2,008	2,064
55-59	1,515	1,442	1,473	1,507	1,544	1,584	1,627	1,673
60-64	1,356	1,165	1,187	1,211	1,237	1,265	1,296	1,328
65+	2,659	2,345	2,395	2,444	2,494	2,547	2,604	2,665
Male	24,912	25,234	25,565	25,902	26,242	26,582	26,925	27,263
0-4	2,431	2,556	2,716	2,874	3,030	3,181	3,157	3,128
5-9	2,924	2,526	2,453	2,392	2,340	2,298	2,458	2,618
10-14	3,260	2,740	2,690	2,634	2,577	2,522	2,446	2,381
15-19	3,431	2,732	2,727	2,721	2,709	2,687	2,654	2,611
20-24	2,528	2,646	2,647	2,644	2,641	2,639	2,640	2,642
25-29	1,664	2,411	2,452	2,487	2,515	2,537	2,552	2,560
30-34	1,340	2,029	2,090	2,154	2,216	2,272	2,323	2,368
35-39	1,335	1,700	1,744	1,789	1,836	1,890	1,950	2,014
40-44	1,098	1,363	1,414	1,469	1,524	1,577	1,626	1,673
45-49	1,101	1,112	1,140	1,170	1,206	1,246	1,294	1,346
50-54	913	913	936	960	986	1,013	1,041	1,071
55-59	803	744	760	777	796	816	838	861
60-64	719	596	607	618	631	645	661	677
65+	1,365	1,166	1,189	1,213	1,235	1,259	1,285	1,314

Female	23,871	24,289	24,706	25,122	25,538	25,954	26,368	26,773
0-4	2,412	2,687	2,854	3,019	3,181	3,338	3,315	3,285
5-9	2,873	2,627	2,562	2,506	2,459	2,421	2,587	2,752
10-14	3,096	2,806	2,767	2,721	2,671	2,622	2,553	2,493
15-19	3,090	2,719	2,741	2,756	2,761	2,754	2,734	2,701
20-24	2,137	2,471	2,510	2,547	2,582	2,613	2,642	2,667
25-29	1,736	2,174	2,222	2,267	2,310	2,354	2,397	2,439
30-34	1,425	1,784	1,850	1,919	1,986	2,048	2,105	2,156
35-39	1,370	1,485	1,524	1,564	1,610	1,663	1,724	1,790
40-44	1,119	1,225	1,264	1,305	1,347	1,388	1,429	1,469
45-49	1,078	1,020	1,046	1,073	1,103	1,136	1,172	1,212
50-54	892	845	867	891	915	941	967	993
55-59	712	698	713	730	748	768	789	812
60-64	637	569	580	593	606	620	635	651
65+	1,294	1,179	1,206	1,231	1,259	1,288	1,319	1,351

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, Trashigang, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	48,783	49,523	50,271	51,024	51,780	52,536	53,293	54,036
Population density (Persons per Sq. Km)	16	16	16	17	17	24	24	25
Population sex ratio	104	104	103	103	103	102	102	102

Source: Dzongkhag Population Projection 2006-2015
 Note: Latest Land Classification Mapping Project 2012 the Dzongkhag area is 2204 sq.km

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

Age-group	2008	2009	2010	2011
Live births	n.a	n.a	n.a	884
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a
Total deaths	n.a	n.a	n.a	229
Male	n.a	n.a	n.a	123
Female	n.a	n.a	n.a	106
Infant deaths	n.a	n.a	n.a	12
Male	n.a	n.a	n.a	8
Female	n.a	n.a	n.a	4
Marriages certificate issued	n.a	n.a	n.a	n.a
Number of divorces	n.a	n.a	n.a	n.a

ω Source: Dzongkhag Health Sector & Court, Trashigang Dzongkhag

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

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	86
Total fertility rate	2.9

Source : BMIS, 2010

Table 5. Early Childbearing, Trashigang, (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	26.8
Have had a live birth	9.7
Are pregnant with first child	3.7
Have begun childbearing	13.4
Have had a live birth before 15	0.0
Number of women age 15~19	91.0
% of women age 20~24 who have had a live birth before age 18	21.6
Number of women age 20~24	139.0

Source : BMIS, 2010

Table 6. Use of Contraception, Trashigang, (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	35.8
Percent of women (currently married or inunion) who are using	
Female sterilization	3.6
Male sterilization	12.7
IUD	2.6
Injectables	38.2
Implants	0.0
Oral contraceptive Pill	6.0
Male condom	1.1
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	64.2
Any traditional method	0.0
Any method	64.2
Number of women currently married or in union	772

Source : BMIS, 2010

Table 7. Antenatal Care Provider, Trashigang, (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	20.2
Nurse/ midwife	18.8
HA/ BHW	54.8
Assistant clinical officer (ACO)	0.8
Traditional birth attendant	0.0
Village health worker	1.3
Other/ missing	0.0
No antenatal care received	4.1
Total	100.0
At least once by skilled personnel	94.7
Number of women who gave birth in the preceding 2 years	161
Source : BMIS, 2010	

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Table 8. Number of Antenatal Care Visits, Trashigang, (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	4.1
1 Visits	5.2
2 Visits	3.5
3 Visits	16.9
4 or more visits	69.3
Missing/ DK	1.1
Total	100.0
Number of women who gave birth in the preceding 2 years	161
Source : BMIS, 2010	

Table 9. Assistance During Delivery, Trashigang, (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		17.9
Nurse / Midwife		8.9
HA/BHW		12.5
Asst. clinical officer (ACO)		0.0
Traditional birth attendant		0.0
Village health worker		0.0
Relative / friend		49.0
Other/missing		11.1
No attendant		0.5
Total		100.0
Any skilled personnel		39.3
Percent delivered by C-section		10.1
Number of women who gave birth in preceding two years		161
Source : BMIS, 2010		

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Table 10. Place of Delivery, Trashigang, (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		35.9
Private sector health facility		0.6
Home		63.5
Other		0.0
Total		100.0
Delivered in health facility [1]		36.5
Number of women who gave birth in preceding two years		161
Source : BMIS, 2010		

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

Details	2007	2008	2009	2010	2011
Number of hospitals	3	3	3	3	3
Number of BHUs	22	22	22	23	23
BHU grade I	2	2	2	2	2
BHU grade II	20	20	20	21	21
Number of ORCs	57	53	57	54	54
Number of indigenous units	3	4	4	4	4
Number of doctors	5	8	7	7	8
Number of hospital/BHU beds	n.a	107	n.a	40	40
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	143,008	n.a	137,448	122454
Health assistants	15	29	34	27	32
Basic health workers	16	16	17	17	16
Sister and nurses	39	15	24	25	28
Technicians	24	25	28	28	33
Indigenous dungtsho	2	2	2	2	2
Indigenous compounders/Menpas	4	4	4	4	4
Malaria workers	n.a	n.a	n.a	0	0
Village health workers	80	55	65	54	54
Number of children immunized	n.a	257	n.a	847	870
Polio	n.a	959	n.a	341	887
DPTH	n.a	896	n.a	2,686	887
Measles	n.a	840	n.a	847	870
BCG	n.a	n.a	n.a	924	838
Others	n.a	1,695	n.a	795	n.a

Source: Dzongkhag Health Sector, Trashigang Dzongkhag

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

Average admission	2007	2008	2009	2010	2011
Hospital admission					
Total	n.a	2,989	3,524	3,508	3,373
Patient days	n.a	13,508	15,232	15,257	14,514
Average days	n.a	4.5	4.3	4.3	4
BHU admission	n.a	515	508	316	300

Source : Annual Health Bulletin, Ministry of Health, Thimphu

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

Details	2007	2008	2009	2010	2011
Surgeries					
Caesarian Section	n.a	77	89	99	49
General Abdominal	n.a	17	24	61	0
General Others	n.a	136	128	214	37
Orthopaedic extremities	n.a	0	7	0	0
Orthopaedic Others	n.a	0	4	8	0
Gynaecology	n.a	17	37	55	31
ENT	n.a	0	0	0	0
Eye	n.a	10	12	84	28

Source : Annual Health Bulletin, Ministry of Health, Thimphu

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

Dental Services	2007	2008	2009	2010	2011
Prophylaxis	n.a	52	38	50	90
Scaling	n.a	79	33	24	23
Fillings	n.a	1,293	1,191	1,189	1,976
Extractions	n.a	2,043	2,214	2,321	2,083
Others	n.a	1,264	1,732	2,146	2,712

Source : Annual Health Bulletin, Ministry of Health, Thimphu

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

Priority health problem/ Diseases	2007	2008	2009	2010	2011
Diarrhoea	n.a	n.a	n.a	4,651	4835
Conjunctivitis	n.a	n.a	n.a	7,072	4936
Dysentery	n.a	n.a	n.a	2,142	2157
Typhoid	n.a	n.a	n.a	n.a	n.a
Sexually transmitted disease, excluding HIV/AIDS	n.a	n.a	n.a	71	100
Diabetes	n.a	n.a	n.a	381	319
Tuberculosis	n.a	n.a	n.a	76	46
Early syphilis	n.a	n.a	n.a	n.a	n.a
Cholera	n.a	n.a	n.a	n.a	n.a
Tetanus	n.a	n.a	n.a	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, Dzongkhag Administration, Trashigang

Table 16. Child Disability, Trashigang, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	2.9
Difficulty seeing, either in the daytime or at night	1.0
Appears to have difficulty hearing	4.7
No understanding of instructions	4.1
stiffness	3.6
Have fits, become rigid, lose consciousness	3.5
Not learning to do things like other children his/her age	3.8
No speaking cannot be understood in words	11.3
Appears mentally backward, dull, or slow	2.7
Speech is not normal	8.6
Number of children aged 3-9 years	879.0
Cannot name at least one object	13.5
Number of children aged 2 years	108.0
reported disability*	29.8
Number of children aged 2-9 years	987

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Trashigang, (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]	6.0
Weight for age: Mean Z-Score (SD)	(0.8)
Weight for age: Number of children	453.6
Height for age: % below -2 sd [3]	47.2
Height for age: % below -3 sd [4]	27.0
Height for age: Mean Z-Score (SD)	(1.9)
Height for age: Number of children	423.8
Weight for height: % below -2 sd [5]	8.8
Weight for height: % below -3 sd [6]	2.9
Weight for height: % above +2 sd	15.6
Weight for height: Mean Z-Score (SD)	0.4
Weight for height: Number of children	452

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Trashigang, (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	97.4
Percentage who were first breastfed: Within one hour of birth	51.6
Percentage who were first breastfed: Within one day of birth	92.4
Percentage who received a prelacteal feed	8.1
Number of last-born children in the two years preceding the	161

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Trashigang, (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	25.9
Exclusive breastfeeding	1.4
Predominant breastfeeding	6.2
Number of children age 0-35 months	273

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Trashigang, (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	9.0
Number of live births in the last 2 years	47.0
	161

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Trashigang, (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	40.5
3 doses, the last within prior 5 years	15.5
4 doses, the last within prior 10 years	0.0
5 or more doses during lifetime	0.0
Protected against tetanus [1]	56.0
Number of women with a live birth in the last 2 years	161

Source: BMIS, 2010

Table 22. Solid Fuel Use, Trashigang, (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	65.6
Liquefied Petroleum Gas (LPG)	2.5
Kerosene	0.0
Coal	0.0
Wood	31.9
Straw/Shrubs/Grass	0.0
No food cooked in household	0.0
Other	0.0
Total	100.0
Solid fuels for cooking	31.9
Number of household members	5,266

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Trashigang, (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	98.6
Piped into dwelling	8.6
Piped into compound	70.7
Piped to neighbor	4.0
Public outdoor tap	9.9
Protected well	2.5
Spring	2.8
Rainwater collection	0.0
Bottled water	0.0
Unimproved sources	1.4
Unprotected well	0.4
Unprotected spring	0.5
Tanker-truck	0.0
Cart with small tank/drum	0.0
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	0.6
Other	0.0
Total	100.0
Percentage using improved sources of drinking water	98.6
Number of household members	5,266

Source: BMIS, 2010

Table 24. Household Water Treatment, Trashigang, (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	20.5
Boil	67.5
Add bleach / chlorine	0.0
Strain through a cloth	0.7
Use water filter	9.5
Solar disinfection	0.0
Let it stand and settle	18.4
Other	0.0
Don't know	0.0
Number of household members unimproved drinking water sources and using an appropriate drinking water sources	5,266 (57.3)
	76

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Trashigang, (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	98.6
Water on premises	86.2
Less than 30 minutes	9.9
30 minutes or more	2.5
Missing/DK	0.0
Users of unimproved drinking water sources	1.4
Water on premises	0.1
Less than 30 minutes	1.2
30 minutes or more	0.1
Missing/DK	0.0
Total	100.0
members	5,266

Source: BMIS, 2010

Table 26. Types of sanitation Facilities, Trashigang, (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	54.5
Flush toilet	0.1
Flush to septic tank(Without soak pit)	7.3
Flush to pit (latrine)	1.5
Flush to unknown place/not sure/DK where	0.0
Flush to septic tank (with soak pit)	11.9
Ventilated Improved Pit latrine (VIP)	0.0
Pit latrine with slab	33.8
Composing toilet	0.0
Unimproved sanitation facility	40.7
Flush to somewhere else	1.0
Pit latrine without slab /open pit	39.4
Long drop latrine	0.0
Bucket	0.1
Other	0.2
Missing	0.0
Open defecation (no facility, bush, field)	4.8
No facility,bush, field	4.8
Total	100.0
Number of household members	5,266

Source: BMIS, 2010

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

Details	CPS	PS	LS	MSS	HSS	Pvt.	Other Inst.	NFE Centres	ECR	Total
2008										
Number of schools and institutions	35	11	10	2	3	n.a	2	n.a	n.a	64
Teaching staff										
Bhutanese	152	84	148	47	74	n.a	25	n.a	n.a	574
Male	123	54	104	26	61	n.a	21	n.a	n.a	422
Female	29	30	44	21	13	n.a	4	n.a	n.a	152
Non-Bhutanese	n.a	n.a	n.a	n.a	n.a	n.a	2	n.a	n.a	42
Male	n.a	n.a	n.a	n.a	n.a	n.a	2	n.a	n.a	35
Female	n.a	n.a	n.a	n.a	n.a	n.a	0	n.a	n.a	7
Temporary teachers	0	0	0	0	0	n.a	0	n.a	n.a	0
Male	0	0	0	0	0	n.a	0	n.a	n.a	0
Female	0	0	0	0	0	n.a	0	n.a	n.a	0
Number of students	3,252	1,025	4,021	650	1,833	n.a	220	n.a	n.a	11,761
Male	1,697		2,040		1,091	n.a	152	n.a	n.a	5,484
Female	1,555	1,025	1,981	650	742	n.a	68	n.a	n.a	6,277
Student to teacher ratio	21.4	12.2	27.2	13.8	24.8	n.a	8.1	n.a	n.a	19.1
2009										
Number of schools and institutions	35	12	9	4	3	n.a	2	n.a	n.a	66
Teaching staff										
Bhutanese	163	87	118	74	46	n.a	29	n.a	n.a	581
Male	n.a	n.a	n.a	n.a	n.a	n.a	24	n.a	n.a	68
Female	n.a	n.a	n.a	n.a	n.a	n.a	5	n.a	n.a	25
Non-Bhutanese	1	1	13	8	35	n.a	3	n.a	n.a	99
Male	n.a	n.a	n.a	n.a	n.a	n.a	3	n.a	n.a	37
Female	n.a	n.a	n.a	n.a	n.a	n.a	0	n.a	n.a	4
Temporary teachers	0	0	0	0	0	n.a	0	n.a	n.a	0
Male	0	0	0	0	0	n.a	0	n.a	n.a	0
Female	0	0	0	0	0	n.a	0	n.a	n.a	0
Number of students	3,251	2,359	3,312	1,830	1,891	n.a	227	n.a	n.a	13,806
Male	1,699	1,221	1,669	868	1,100	n.a	137	n.a	n.a	7,292
Female	1,552	1,138	1,643	962	791	n.a	90	n.a	n.a	6,514
Student to teacher ratio	19.82	26.81	25.28	22.32	23.35	n.a	7.09	n.a	n.a	20.3

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2010	35	12	8	5	3	n.a	2	n.a	n.a	66
Number of schools and institutions										
Teaching staff										
Bhutanese	169	98	108	91	55	n.a	29	n.a	n.a	619
Male	133	69	72	57	44	n.a	24	n.a	n.a	447
Female	36	29	36	34	11	n.a	5	n.a	n.a	172
Non-Bhutanese	0	2	11	8	28	n.a	3	n.a	n.a	86
Male	0	2	8	6	20	n.a	3	n.a	n.a	68
Female	0	0	3	2	8	n.a	0	n.a	n.a	18
Temporary teachers	0	0	0	0	0	n.a	0	n.a	n.a	0
Male	0	0	0	0	0	n.a	0	n.a	n.a	0
Female	0	0	0	0	0	n.a	0	n.a	n.a	0
Number of students	3,155	3,062	2,849	2,396	1,603	n.a	243	n.a	n.a	14,379
Male	1,634	1,180	1,426	1,202	894	n.a	145	n.a	n.a	7,124
Female	1,582	1,142	1,414	1,191	715	n.a	98	n.a	n.a	6,570
Student to teacher ratio	18.7	30.6	23.9	24.2	19.3	n.a	7.6	n.a	n.a	20.4
2011*										
Number of schools and institutions	31	10	10	5	4		3	n.a	11	74
Teaching staff										
Bhutanese	170	69	135	102	106	n.a	17	n.a	12	611
Male	132	63	115	85	66	n.a	14	n.a	11	486
Female	106	41	78	57	53	n.a	11	n.a	10	356
Non-Bhutanese	26	22	37	28	13	n.a	3	n.a	1	130
Male	0	4	11	15	31	n.a	2	n.a	0	63
Female	0	2	7	11	21	n.a	0	n.a	0	41
Temporary teachers	38	2	4	4	10	n.a	2	n.a	0	22
Male	22	1	5	1	6	n.a	1	n.a	1	62
Female	16	1	4	1	3	n.a	0	n.a	0	36
Number of students	2,713	1,626	3,282	2,267	2,079	n.a	49	n.a	180	12,196
Male	1,362	809	1,666	1,112	1,126	n.a	26	n.a	93	6,194
Female	1,351	817	1,616	1,155	953	n.a	23	n.a	87	6,002
Student to teacher ratio	16.0	23.6	24.3	22.2	19.6	n.a	2.9	n.a	15.0	19.96

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

Class	2008	2009	2010	2011	2012
Primary level					
Total	6,244	8,163	8,201	7,427	7,913
Class PP	1,005	1,187	1,229	976	882
Class I	934	1,185	1,221	1,109	1,074
Class II	965	1,231	1,204	1,132	1,235
Class III	847	1,203	1,177	1,051	1,210
Class IV	895	1,203	1,253	1,162	1,235
Class V	848	1,110	1,086	1,069	1,192
Class VI	750	1,044	1,031	928	1,085
Male					
Class PP	497	571	622	492	450
Class I	468	582	581	566	529
Class II	516	648	605	565	616
Class III	439	631	606	528	587
Class IV	449	621	662	599	627
Class V	421	561	543	534	604
Class VI	375	541	522	467	544
Female					
Class PP	508	616	607	484	432
Class I	466	603	640	543	545
Class II	449	583	599	567	619
Class III	408	572	571	523	623
Class IV	446	582	591	563	608
Class V	427	549	543	535	588
Class VI	375	503	509	461	541
Secondary level					
Total	2,315	4,461	4,308	3,903	4,702
Class VII	679	1,015	1,054	829	1,019
Class VIII	613	890	904	766	1,031
Class IX	451	906	892	804	943
Class X	336	786	676	723	840
Class XI	118	372	407	404	460
Class XII	118	492	375	377	409
Male					
Class VII	331	515	527	413	506
Class VIII	297	434	481	357	520
Class IX	219	470	439	417	457
Class X	168	412	353	364	444
Class XI	51	241	228	255	288
Class XII	57	307	233	208	251
Female					
Class VII	348	500	527	416	513
Class VIII	316	456	423	409	511
Class IX	232	436	453	387	486
Class X	168	374	323	359	396
Class XI	67	131	179	149	172
Class XII	61	185	142	169	158

Source: EMIS 2012, PPD, MOE, Thimphu & Education Sector, Trashigang Dzongkhag

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

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total	6,062	8,163	8,166	7,551	7,913
Age < 6 years	143	183	209	150	94
Age 6-12 years	4,898	6,637	6,597	6,149	6,511
Age 13 & above	1,021	1,343	1,360	1,252	1,308
Male	3,080	4,155	4,125	3,808	3,957
Age < 6 years	75	82	98	65	48
Age 6-12 years	2,485	3,346	3,294	3,071	3,226
Age 13 & above	520	727	733	672	683
Female	2,982	4,008	4,041	3,743	3,956
Age < 6 years	68	101	111	85	46
Age 6-12 years	2,413	3,291	3,303	3,078	3,285
Age 13 & above	501	616	627	580	625
Student in LSS level (Class VII-VIII)					
Total	1,292	1,905	1,958	1,940	2,049
Age < 13 years	41	79	59	57	54
Age 13-14 years	470	694	749	923	867
Age 15 & above	781	1,132	1,150	960	1,128
Male	628	949	1,008	951	1,026
Age < 13 years	20	38	28	27	18
Age 13-14 years	227	341	370	450	413
Age 15 & above	381	570	610	474	595
Female	664	956	950	989	1,023
Age < 13 years	21	41	31	30	36
Age 13-14 years	243	353	379	473	454
Age 15 & above	400	562	540	486	533
Students in MSS level (Class IX-X)					
Total	787	1,692	1,681	1,741	1,783
Age < 15 years	6	36	45	49	50
Age 15-16 years	321	606	570	620	716
Age 17 & above	460	1,050	1,066	1,072	1,017
Male	387	882	860	888	901
Age < 15 years	2	16	24	22	27
Age 15-16 years	151	309	280	308	349
Age 17 & above	234	557	556	558	525
Female	400	810	821	853	882
Age < 15 years	4	20	21	27	23
Age 15-16 years	170	297	290	312	367
Age 17 & above	226	493	510	514	492
Students in HSS level (Class XI-XII)					
Total	236	864	782	781	869
Age < 17 years	-	132	61	24	30
Age 17-18 years	78	288	292	329	357
Age 19 & above	158	444	429	428	482
Male	108	548	461	463	539
Age < 17 years	0	64	30	11	23
Age 17-18 years	30	172	166	187	200
Age 19 & above	78	312	265	265	316
Female	128	316	321	318	330
Age < 17 years	0	68	31	13	7
Age 17-18 years	48	116	126	142	157
Age 19 & above	80	132	164	163	166

Source: EMIS 2012, PPD, MOE, Thimphu & Education Sector, Trashigang Dzongkhag

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

Literacy Among Young Women	2010
Percentage literate	40.3
Percentage not known	0.0
Number of women age 15-24 years	230

Source: BMIS, 2010

Table 31. School Readiness, Trashigang, (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	135

Source: BMIS, 2010

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

Percentage of Children of Primary School Entry Age Entering Grade 1 (net intake Primary School Entry

Percentage of children of primary school entry age entering grade 1	2010
Number of children of primary school entry age	65.1
	163

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Trashigang, (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	99.0
Percent attending grade 3 last year who are attending grade 4 this year	99.2
Percent attending grade 4 last year who are attending grade 5 this year	99.0
Percent attending grade 5 last year who are attending grade 6 this year	99.0
Percent who reach grade 6 of those who enter grade 0	98.0

Source: BMIS, 2010

Table 34. Education Gender Parity, Trashigang, (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	91.8
Primary school adjusted net attendance ratio (NAR), boys	92.4
Gender parity index (GPI) for primary school adjusted NAR	1.0
Secondary school adjusted net attendance ratio (NAR), girls	39.3
Secondary school adjusted net attendance ratio (NAR), boys	38.6
Gender parity index (GPI) for secondary school adjusted NAR	1.0

Source: BMIS, 2010

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

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy	n.a	n.a	2
Homicide	n.a	n.a	3
Assault,battery and related offences	n.a	n.a	20
Kidnapping and related offences	n.a	n.a	0
Sexual offence	n.a	n.a	1
Offence against infant,child,mentally disabled and incompetent person	n.a	n.a	0
Arson and related offences	n.a	n.a	2
Burglary, trespass and related offences	n.a	n.a	9
Larceny,robbery, armed robbery and related offences	n.a	n.a	6
Money laundering and smuggling	n.a	n.a	1
Embezzlement and bribery	n.a	n.a	0
Forgery and related offences	n.a	n.a	2
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	43
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	2
Offences related to public and civic duties	n.a	n.a	1
Offences related to public order and tranquillity	n.a	n.a	2

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	3
Motor vehicle offences	n.a	n.a	3
Others	n.a	n.a	3
Total crimes	n.a	n.a	103

Source: Royal Bhutan Police, Thimphu

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

Month	(Incident)		
	2009	2010	2011
January	n.a	n.a	1
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	1
July	n.a	n.a	0
August	n.a	n.a	0
September	n.a	n.a	1
October	n.a	n.a	0
November	n.a	n.a	0
December	n.a	n.a	0
Total	n.a	n.a	3

Source: Royal Bhutan Police, Thimphu

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

Details	(Incident)		
	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	1
All causes	n.a	n.a	0

Source: Royal Bhutan Police, Thimphu

Table 38. Attitudes Toward Domestic Violence, Trashigang, (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	37.2
If she neglects the children	59.1
If she argues with him	39.4
If she refuses sex with him	28.0
If she burns the food	28.9
For any of these reasons	70.8
Number of women age 15-49 years	940

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Dzongkhag area (Sq. Km)	3,066.9	3,066.9	3,066.9	3,066.9	2,204.4
Total cultivated land (Acres) ¹	12,101	n.a	9,489	n.a	n.a
Damages caused by landslides ²					
Farmland (acres)	n.a	n.a	0.38	n.a	n.a
Houses (Number)	n.a	n.a	na	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	12.25	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	12.25	n.a	n.a
Crops damaged by wild animals (acres)	n.a	n.a	55.77	489.0	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	324	n.a	n.a
Number of forest fires ³	16	6	9	15	10
Acreege destroyed by forest fires	564.6	3,596.0	1,204.2	3570.9	4,021.1
Acreege of reforestation ³	291.6	159.7	318.8		30.6

Houses/structures damaged by fires (Number) ³	n.a	n.a	n.a	n.a	n.a
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Note: Dzongkhag area is based on LMCP 2010

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

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

Month/ Temperature	2010			2011		
	(Degree Celsius)			(Degree Celsius)		
	Maximum	Minimum	Average	Maximum	Minimum	Average
January	18.5	6.4	12.5	15.0	4.5	9.8
February	19.0	6.8	12.9	19.3	7.2	13.3
March	22.0	10.8	16.4	21.7	9.9	15.8
April	23.9	13.5	18.7	23.9	11.7	17.8
May	25.1	14.7	19.9	25.9	15.0	20.5
June	26.2	16.6	21.4	27.8	17.3	22.6
July	25.5	17.9	21.7	26.3	17.9	22.1
August	27.1	18.1	22.6	26.4	17.5	22.0
September	26.0	16.8	21.4	26.7	16.9	21.8
October	23.6	13.7	18.7	25.8	13.2	19.5
November	20.5	10.4	15.5	21.4	9.3	15.4
December	17.7	6.6	12.2	18.1	7.2	12.7
Annual	22.9	12.7	17.8	23.2	12.3	17.7

Source: SYB, NSB

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

Month/ Monthly Rainfall	2010						2011					
	Stations			Stations			Stations			Stations		
	Chazam	Kanglung	Khaling	Radhi	Thrimshing	Wamrong	Chazam	Kanglung	Khaling	Radhi	Thrimshing	Wamrong
January	0	1.2	0	0	0	1	18	8.8	4	0	0	-
February	0	5.6	0	0	5	2	3.5	20.4	18	0	0	-
March	92.8	78.4	67	127.1	78.4	90.2	76.3	65.6	32	0	20.8	-
April	128	96.6	147	72.2	286.9	281.2	281.2	79	91	29.4	41	122.2
May	70	110.4	80	164.8	206.6	175.1	175.1	92.6	103	98	52	289.6
June	186.2	279.4	114	-	283.8	322	322	0	169.6	49	205	62.7
July	256.4	257.4	168	-	392.8	393.8	393.8	137.2	116	142.2	206.7	1057.5
August	91.8	134	131	-	229.2	471.2	471.2	227.6	76	237.9	94.7	239
September	48.6	101.8	131	-	78.2	61	61	113.8	75.6	0	157.7	100.3
October	66.4	72	42	-	45.2	22.7	22.7	2.6	0	0	45.2	10
November	15.3	12.6	23	-	0.8	21.9	21.9	10.8	21	18.8	12.2	38
December	0	0	0	1	0	0	1	0	0	0	0	5.2
Annual total rainfall	955.5	1149.4	903	370.1	1616.7	1847.7	1847.7	928	591.6	731.3	698.2	2145.6

Source: SYB, NSB

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

Details	2010
Forest coverage (%) ²	81.65
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, ²LCMP 2010

Table 43. Disposal of Childs Faeces, Trashigang, (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	13.3
Put / Rinsed into toilet or latrine	18.5
Put / Rinsed into drain or ditch	49.6
Thrown into garbage (solid waste)	3.1
Buried	1.7
Left in the open	13.0
Other	0.7
Total	100.0
Percentage of children whose stools were disposed of safely	31.8
Number of children age 0-2 years	271

Source: BMIS 2010

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

Details	2008	2011
Local governance (Number)		
Parliamentarians	6	6
Male	5	5
Female	1	1
Gups	15	15
Male	15	15
Female	0	0
Total gewog tshogpas ¹	131	78
Male	121	74
Female	10	4
Total Mangmis ¹	15	15
Male	15	15
Female	0	0
DYT members ²	31	31
Male	31	31
Female	0	0
GYT members ¹	161	108
Male	151	104
Female	10	4
Polling stations ²	88	78
Eligible voters (18 years and above) ²	65,011	37,955
Male	32,881	18,416
Female	32,130	19,539
% of Voters turnout during election	n.a	3809.2
Male	n.a	36.6
Female	n.a	39.5
Total election staff in Dzongkhag	3	5
Male	2	4
Female	1	1

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

Table 45. Parliamentarians and Local Government Election Expenditures, Trashigang, (2008 & 2011)

Details	Amount (Nu. In million)
2008	
Parliamentarians (Number)	n.a
National council	n.a
National assembly	n.a
2011	
Local government	10.713
Gup	n.a
Mangmi	n.a
Tsogpa	n.a

Source: Election Office, Trashigang Dzongkhag

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

Details	2008-2009			2009-2010			2010-2011			2011-2012		
	Current	Capital	Total	Current	Capital	Total	Current	Capital	Total	Current	Capital	Total
Sectors												
Civil	29,518	13,941	43,459	37,081	26,424	63,505	42,979	51,947	94,925	42,979	51,947	94,925
Agriculture	7,429	16,247	23,676	10,297	23,041	33,338	11,407	24,617	36,024	11,407	24,617	36,024
Livestock	8,806	5,476	14,282	10,733	26,155	36,888	10,770	45,114	55,884	10,770	45,114	55,884
Forestry	5,939	4,914	10,853	6,655	1,405	8,060	7,474	3,825	11,299	7,474	3,825	11,299
Education	160,313	39,928	200,241	236,071	88,556	324,627	264,289	147,222	411,511	264,289	147,222	411,511
Health	37,542	28,573	66,115	48,924	28,580	77,504	54,558	26,758	81,316	54,558	26,758	81,316
Urban Development & Housing	15,242	4,739	19,981	22,461	3,683	26,144	22,196	41,920	64,116	22,196	41,920	64,116
Religious & Culture	1,364	7,426	8,790	1,070	17,696	18,766	1,635	17,339	18,974	1,635	17,339	18,974
Roads	n.a	n.a	n.a	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	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	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	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	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	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	n.a	n.a	n.a

Source: Planning Unit, Dzongkhag Administration, Trashigang

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

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	101.508	56.175	n.a	174.750
Agriculture	20.370	6.286	n.a	43.200
Livestock	21.789	48.443	n.a	76.180
Forestry	6.621	3.200	n.a	5.250
Education	417.962	324.488	n.a	n.a
Health	75.822	46.791	n.a	221.860
Urban development & housing	6.982	81.510	n.a	165.320
Roads	14.535	0.000	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	0.000	1.000	n.a	n.a
Total	665.589	567.893	n.a	686.560
Total plan outlay	665.589	567.893	n.a	686.560

Source: Dzongkhag Administration, Trashigang

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

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, Trashigang Dzongkhag

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

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	5.920	18.200	n.a	47.770
Agriculture	0.000	99.619	n.a	209.522
Livestock	0.000	13.181	n.a	32.310
Forestry	0.000	12.494	n.a	33.730
Education	0.000	36.719	n.a	n.a
Health	0.000	18.869	n.a	91.363
Urban development & housing	0.000	14.304	n.a	27.484
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	5.920	213.386	n.a	442.179
Total plan outlay	5.920	213.386	n.a	442.179

Source: Planning Unit, Trashigang Dzongkhag

Table 50. Gewog 9th and 10th Five Year Plan by Expenditures, Trashigang
(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, Trashigang Dzongkhag

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

Details	(Number)					
	2008	2009	2010	2011	2012	
Total	n.a	n.a	n.a	21600	15584	
Male	n.a	n.a	n.a	10600	7626	
Female	n.a	n.a	n.a	11000	7958	
Rural Total	n.a	n.a	n.a	20100	13745	
Male	n.a	n.a	n.a	9800	6587	
Female	n.a	n.a	n.a	10300	7158	
Urban Total	n.a	n.a	n.a	1500	1839	
Male	n.a	n.a	n.a	800	1039	
Female	n.a	n.a	n.a	700	800	

Source: Labour Force Survey, MoLHR

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

Details	2009	2010	2011	2012
Total labour force (Number)	n.a	n.a	22,100	15,840
Total employed (%)	n.a	n.a	97.7	98.6
Male	n.a	n.a	97.2	98.2
Female	n.a	n.a	98.3	98.4
Unemployment rate	n.a	n.a	2.3	1.6
Total employed in Agriculture (%)	n.a	n.a	72.2	149.0
Male	n.a	n.a	65.1	256.0
Female	n.a	n.a	79.1	n.a
Total employed in Industries (%)	n.a	n.a	16.2	n.a
Male	n.a	n.a	17.0	n.a
Female	n.a	n.a	15.5	n.a
Total employed in Services (%)	n.a	n.a	11.1	n.a
Male	n.a	n.a	17.0	n.a
Female	n.a	n.a	5.5	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 (%)	n.a	n.a	n.a	66.6
Male participation rate	n.a	n.a	n.a	67.4
Female participation rate	n.a	n.a	n.a	65.8

Source: Labour Force Survey, MoLHR

Table 53. Child Labour, Trashigang, (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	27.4
Working outside household	0.3
Paid work	0.0
Unpaid work	0.3
Working for family business	27.1
Economic activity for at least one hour	27.1
Household chores less than 28 hours	24.8
Household chores for 28 hours or more	0.8
Child labour	27.3
Number of children age 5-11	916
Percentage of children age 12-14 involved in	
Economic activity	54.5
Working outside household	7.8
Paid work	5.7
Unpaid work	2.1
Working for family business	46.7
Economic activity less than 14 hours	46.0
Economic activity for 14 hours or more	2.1
Household chores less than 28 hours	55.4
Household chores for 28 hours or more	1.2
Child labour	3.3

Number of children age 12-14	437
Total child labour [1]	19.6
Number of children age 5-14 years	1353

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Trashigang, (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	19.6
Percentage of children attending school	85.4
Number of children age 5-14 years	1353
Percentage of child labourers who are attending school	90.7
Number of children age 5-14 years involved in child labour	265
Percentage of children attending school who are involved in child labour	20.8
Number of children age 5-14 years attending school	1156

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Paddy					
Area (Acres)	2,552	n.a	2,208	1,845	n.a
Production (MT)	283	n.a	314	2,533	n.a
Price per Kg (Nu.)	n.a	n.a	25	n.a	n.a
Maize					
Area (Acres)	5,401	n.a	6,239	5,247	n.a
Production (MT)	705	n.a	707	6,908	n.a
Price per Kg (Nu.)	na	n.a	10	n.a	n.a
Wheat					
Area (Acres)	771	n.a	79	230	n.a
Production (MT)	25	n.a	8	255	n.a
Price per Kg (Nu.)	na	n.a	n.a	n.a	n.a
Barley					
Area (Acres)	1,365	n.a	228	251	n.a
Production (MT)	70	n.a	23	225	n.a
Price per Kg (Nu.)	na	n.a	n.a	n.a	n.a
Buckwheat					
Area (Acres)	1,767	n.a	629	799	n.a
Production (MT)	50	n.a	24	326	n.a
Price per Kg (Nu.)	na	n.a	n.a	n.a	n.a
Millet					
Area (Acres)	245	n.a	106	164	n.a
Production (MT)	10	n.a	4	99	n.a
Price per Kg (Nu.)		n.a	n.a	n.a	n.a

Fruits							
Apples							
Number of fruit bearing trees	8,343	n.a	452	819	n.a		
Production (Kg)	50,378	n.a	8,639	20	n.a		
Price per Kg(Nu.)	na	n.a	n.a	n.a	n.a		
Oranges/ Mandarin							
Number of fruit bearing trees	20,380	n.a	15,177	14,240	n.a		
Production (Kg)	516,411	n.a	450,384	561	n.a		
Price per Kg(Nu.)	na	n.a	n.a	n.a	n.a		
Banana							
Number of fruit bearing trees	12,900	n.a	3,961	5,223	n.a		
Production (Kg)	125,388	n.a	32,678	48	n.a		
Price per Dozen(Nu.)	na	n.a	n.a	n.a	n.a		
Pear							
Number of fruit bearing trees	5,477	n.a	2,161	2,233	n.a		
Production (Kg)	159,834	n.a	58,522	66	n.a		
Price per Kg(Nu.)	na	n.a	n.a	n.a	n.a		
Plum							
Number of fruit bearing trees	3,041	n.a	1,613	1,701	n.a		
Production (Kg)	84,278	n.a	56,162	55	n.a		
Price per Kg(Nu.)	na	n.a	n.a	n.a	n.a		
Areca Nut							
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)	6,777,067	n.a	3,964,731	3,795	n.a
Production (Nu.)	20,892,002	18,172,567	51,137,958	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Chili					
Production (kg)	825,147	n.a	921,080	688	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
Onion					
Production (kg)	n.a	n.a	31,892	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
Cabbage					
Production (kg)	337,225	n.a	100,084	130	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
Cauliflower					
Production (kg)	47,124	n.a	32,707	26	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
Asparagus					
Production (Bundles)	n.a	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a
Price per bunddle (Nu.)	n.a	n.a	n.a	n.a	n.a
Tomato					
Production (Kg)	47,738	n.a	29,008	16	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

Carrot									
Production (Kg)	n.a	n.a	6,665	8	n.a				n.a
Production (Nu.)	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
Egg Plant (Brinjal)									
Production (Kg)	20,290	n.a	10,736	10	n.a				n.a
Production (Nu.)	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
Raddish									
Production (Kg)	637,555	n.a	458,680	418	n.a				n.a
Production (Nu.)	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
Ginger									
Production (Kg)	63,259	n.a	13,284	12	n.a				n.a
Production (Nu.)	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
Cardamom									
Production (Kg)	n.a	n.a	n.a	na	n.a				n.a
Production (Nu.)	n.a	n.a	n.a	na	n.a				n.a
Price per Kg(Nu.)	n.a	n.a	n.a	na	n.a				n.a
Garlic									
Production (Kg)	n.a	n.a	n.a	120	n.a				n.a
Production (Nu.)	n.a	n.a	n.a	na	n.a				n.a
Price per Kg(Nu.)	n.a	n.a	n.a	na	n.a				n.a
Oil seeds and legumes									
Lentils									
Production (Kg)	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
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a				n.a

Mustards						
Production (Kg)	n.a	n.a	n.a	n.a	244	n.a
Production (Nu.)	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
Beans						
Production (Kg)	n.a	n.a	n.a	n.a	151	n.a
Production (Nu.)	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

Note: data not available with Agriculture sector
Source: Agriculture Sector, Trashigang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Irrigation for agriculture					
Number of irrigation channels	n.a	n.a	46	64	61
Functional	n.a	n.a	41	54	50
Non-Functional	n.a	n.a	5	10	11
Total length of channels (Km)	n.a	n.a	113	160	145.55
Area covered by irrigation	n.a	n.a	5,920	1,435	5,731.17
Number of households benefitted	n.a	n.a	1,863	3,276	3,276
Number of food processing units	n.a	n.a	n.a	18	n.a
Number of agriculture mills ¹	n.a	n.a	n.a	574	n.a
Number of livestock product	n.a	n.a	n.a	2	2
Number of farmer association/groups	n.a	n.a	53	116	n.a
Agriculture	n.a	n.a	3	31	n.a
Livestock	n.a	n.a	21	55	n.a
Forestry	n.a	n.a	29	30	n.a
Number of power tillers	n.a	n.a	7	53	n.a

Note: ¹Including two traditional mills

Source: Agriculture Sector, Trashigang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle	21,730	23,319	26,645	20,640	19,061
Local breed	15,806	15,669	21,652	13,750	13,866
Male	4,261	4,491	6,795	3,123	n.a
Female	11,545	11,178	14,857	10,627	n.a
Improved breed	5,924	7,650	4,993	6,890	5,195
Male	955	968	830	824	n.a
Female	4,969	6,682	4,163	6,066	n.a
Mithun	6,800	7,343	41	36	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	4,296	6,067	3,595	2,193	2,841
Local breed	4,217	5,796	3,584	2,185	2,781
Improved breed	79	271	11	8	60
Yak	11,813	11,093	5,971	12,804	12,011
Male	3,915	2,976	2,059	4,544	n.a
Female	7,898	8,117	3,912	8,260	n.a
Sheep	2,866	2,049	2,227	1,333	2,262
Local breed	2,866	2,049	2,227	1,333	2,262
Improved breed	n.a	n.a	n.a	n.a	n.a
Pig	1,700	1,242	858	560	2,862
Local breed	1,060	848	476	421	1,527
Improved breed	640	394	382	139	1,335
Poultry	11,802	16,384	12,009	14,851	18,715
Local breed	9,531	14,314	10,090	6,796	8,613
Improved breed	2,271	2,070	1,919	8,055	10,102
Goat	129	-	85	72	187

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Trashigang Dzongkhag

Table 58: Livestock Productions, Trashigang, (2007-2011)

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	2,713,980	2,171,780	2,949,590	2,324,591	3,523,000
Price per liter (Nu.)	n.a	n.a	n.a	n.a	30
Butter (Kg)	179,690	155,730	215,640	128,395	99,000
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	240
Fresh Cheese (Kg)	351,350	277,750	347,741	244,240	182,000
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	180
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)	161,849	54,906	49,583	1,000,616	205,690
Price per piece (Nu.)	n.a	n.a	n.a	n.a	120
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)	69,240	88,980	49,231	29,283	37,400
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Pork (Kg)	39,090	17,710	5,984	2,945	9,800
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	150
Yak Meat (Kg)	14,840	13,570	1,939	1,885	3,000
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	200
Mutton (Kg)	50	140	204	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, Trashigang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Wood Forest Product ¹					
Log Form (Cft)	n.a	n.a	n.a	50,088	6,818
Price per Cft(Nu.)	n.a	n.a	n.a	n.a	n.a
Fire wood (Cubic metres)	3,148	5,208	907	5,211	8,057
Price per Cubic metre(Nu.)	n.a	n.a	n.a	n.a	n.a
Flag Poles (Number of trees)	764	560	900	655	3,772
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Shinglap (Number of trees)	41	32	6	11	n.a
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Cham (Number of trees)	243	978	757	1,579	1,536
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Tsim (Number of trees)	745	417	485	386	452
Price per tree(Nu.)	n.a	n.a	n.a	n.a	n.a
Non-Wood Forest Product ²					
Mushroom (Kg)	0	0	1,800	0	n.a
Mushroom (Nu.)	n.a	n.a	n.a	n.a	n.a
Medicinal and Aromatic plants (Kg)	0	0	0	0	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)	744	650	151	347	455
Price per cft(Nu.)	n.a	n.a	n.a	n.a	n.a
Stones (Truck load)	432	1,907	847	1,511	2,085
Price per cft(Nu.)	n.a	n.a	n.a	n.a	n.a
Bamboo (Number)	83,495	62,956	48,396	33,516	38,232

Price per piece (Nu.)	n.a	n.a	n.a	n.a
Cane (Piece)	0	10	0	0
Price per piece (Nu.)	n.a	n.a	n.a	n.a
Lemon grass (liter)	n.a	n.a	n.a	0
Price per liter (Nu.)	n.a	n.a	n.a	n.a
Mining Sites (Number)	n.a	n.a	n.a	0
Quarry Sites	n.a	n.a	n.a	0
Municipal Waste Disposal Sites	2	2	2	2
Environmental Clearance Issued	n.a	26	37	n.a
				30

Source: Divisional Forest Office , Trashigang

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

Stations	2009		2010		2011	
	Installed capacity (no.x MW)	2.2	1.1	2.2	1.1	2.2
Peak generation (MU)	1	1	1	1	1	1
Installed capacity (no.x MW)	2.2	1.1	2.2	1.1	2.2	1.1
Peak generation (MU)	1	1	1	1	1	1

Source : Rangjung Hydro Power, Bhutan Power Corporation, Trashigang

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

Details	2009	2010	2011	2012
Total number of household in Urban	1,195	1,213	1,230	1,248
Total number of household in Rural	9,717	9,859	10,001	10,147

Note: Above households figure is projected by using ratio estimate method based on PHCB 2005
 Source: Population & Housing Census of Bhutan, 2005

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

new buildings	2009	2010	2011	2012
Trashigang	4	6	5	n.a
Kanglung	1	0	0	n.a
Khaling	0	0	0	n.a
Wamrong	0	0	8	n.a
Rangjung	2	3	2	n.a

Source: Dzongkhag Municipal, Trashigang Dzongkhag

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

Details	2009	2010	2011	2012
Industries by type (Number)				
Agro based	2	1	0	0
Forestry based	3	5	4	6
Mineral based	36	0	0	1
Others	n.a	4	5	6
Industries by scale (Number)				
Large	n.a	0	1	0
Medium	n.a	0	0	1
Small	3	5	6	6
Cottage	36	41	25	39
Contract firms (Number)				
Large	n.a	0	0	0
Medium	n.a	2	1	0
Small	n.a	20	18	10

Source: Regional Trade Office, Mongar

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

Details	(Number)					
	2007	2008	2009	2010	2011	2012
Trade and Industries						
Micro & retail trade licences issued	82	73	74	75	96	48
Micro & retail trade licences in operation	71	61	69	74	95	410
Wholesale trade licences issued	n.a	1	1	2	1	-
Wholesale trade licences in operation	n.a	1	1	1	1	6
Services licences issued	36	23	33	46	32	33
Services licences in operation	18	17	30	45	30	449
Manufacturing licences issued	1	8	8	10	9	13
Manufacturing licences in operation	1	4	8	10	9	63

Source: Regional Trade Office, Mongar

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

Details	(Number)				
	2007	2008	2009	2010	2011
Public Service Transport					
Bus	n.a	n.a	n.a	n.a	10
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	3	3	3	3	3
Bus stations	1	1	1	1	1

Source: RSTA Base Office, Trashigang

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

Details	2007	2008	2009	2010	2011
Roads (Length in Km)	n.a	451.1	451.1	721	812.54
Farm roads ¹	n.a	118	118	423	492.76
Feeder roads ²	n.a	118.3	118.3	118.1	-
Forest roads ¹	n.a	8.5	8.5	8.5	8.5
Highways/Dzongkhag roads	n.a	126	126	126	271.48
Bridges (Number)	34	35	35	37	37
Suspension bridge ¹	7	7	7	8	8
Suspended ¹	14	15	15	15	15
Bailey bridges ²	11	11	11	12	12
Traditional bridges ¹	2	2	2	2	2

Note: Feeder roads were called as Dzongkhag roads

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

Table 67. Telecommunications, Trashigang, (2007 ~ 2011)

Telecommunications	(Number)				
	2007	2008	2009	2010	2011
Households with fixed telephone connections	13,181	13,273	11,552	623	971
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	1.0	-	1	6	9
Gewogs accessible to mobile services	13.0	13.0	13	15	15
Households with internet access	50	120	450	255	534
Bhutan post office	4	4	4	4	4

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

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

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

Source: Financial Institutions, Trashigang Dzongkhag

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

Number of facilities	Number of account holders (2010)				Number of account holders (2011)			
	Loan	savings	current fixed	recurring cdeposit	Loan	savings	current fixed	recurring dedeposit
RICBL	32	-	-	-	n.a	n.a	n.a	n.a
BIL	NA	NA	NA	NA	n.a	n.a	n.a	n.a
BDBL	1,800	1,729	5	110	n.a	n.a	n.a	n.a
BNBL	283	659	12	2	364	2,032	28	259
DPNBL	NA	NA	NA	NA	NA	NA	NA	NA
T-Bank	NA	NA	NA	NA	NA	NA	NA	NA
BOBL	1156	11200	320	1220	1133	6357	270	687

Source: Financial Institutions, Trashigang Dzongkhag

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

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Drungkhags	3	3	3	3	3	3
Gewogs	15	15	15	15	15	15
Chiwogs	252	252	252	252	78	78
Villages	252	252	252	252	252	252
Households ¹	10,595	10,753	10,913	11,076	11,241	11,408
Towns	6	6	6	6	6	6
Number of Police stations	4	4	4	4	4	4

Note: ¹ - projected figure is based on ratio estimates of PHCB 2005

Source: Dzongkhag Administration, Trashigang Dzongkhag

Table 71. Recreation, Tourist Visitors and Accommodation, Trashigang, (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 visi	n.a	n.a	n.a	n.a	n.a	n.a



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2012**



**Dzongkhag Administration
trASHi YAngtSe**

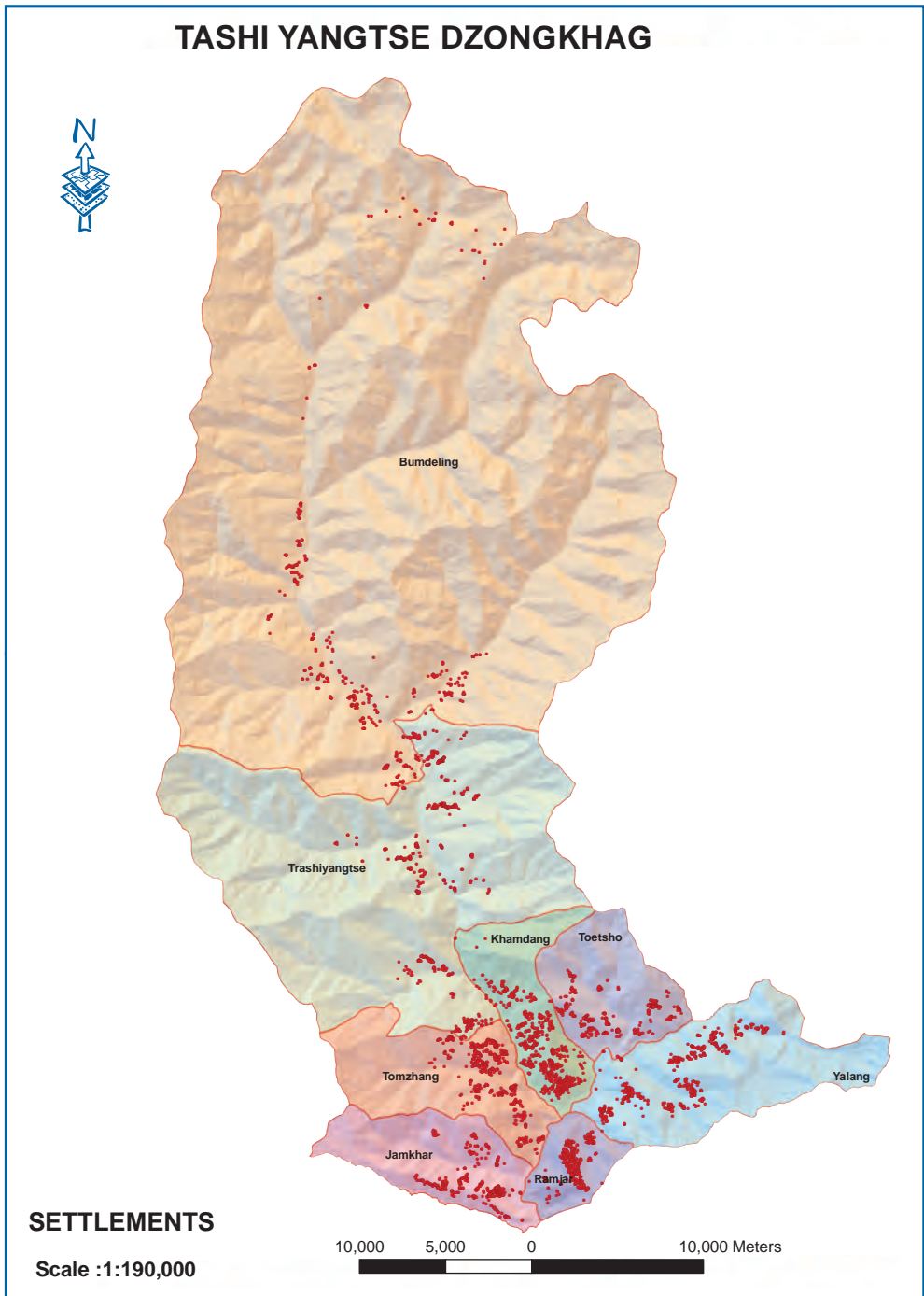
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Preface

The Annual Dzongkhag Statistics of Trashiyangtse is the third in the series of publications. It attempts to provide comprehensive statistics of Trashiyangtse 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, Trashiyangtse 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
Trashhi Yangtse**

Background

Trashiyangtse Dzongkhag was created in year 1992, coinciding with the geggining of the seventh Five Year Plan from Trashigang Dzongkhag. It has a total area of 1437.8 Sq.Km with an altitude ranging from 500-5400 meters above the sea level, has Eight Gewogs, namely Bumdeling, Jamkhar, Khamdang, Ramjar, Toetsho, Tongzhang, Yalang and yangtse. The Dzongkhag has borders with Trashigang and Mongar Dzongkhag in the south, Lhuntse Dzongkhag in the west, the India state of Arunachal Pradesh in the east, and Tibetan Autonomous Region of China in North.

As per the PHCB 2005, Trashiyangtse has 3490 households and a total population of 19951 out of which 14722 live in the rural areas. The projected population for 2011 based on PHCB 2005, is 19951.

Trashiyangtse is known for traditional handcraft like wooden bowl ("Dapa") and Daphne ("Desho") production which is the main source of income for quite a large number of people in Yangtse and Bumdeling Geog. Near the border with china, Trashiyangtse is endowed with Cordcepts (Chinese Caterpillar) at the pastoral areas which fetches very high price through export.

Agriculture farming integrated with livestock production is the main source of livelihood for majority of population although some pastoral settlements exist in the north of Bumdeling geog. Rice, Maize, Millet, Buckwheat and Wheat are the major cereal crops grown in the dzongkhag. In-fact, Trashiyangtse produces early chili. Of late dairy cooperatives, backyard Poultry farms and Piggery farms, and Vegetable growers groups are established to supply these products to Schools and public

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market. Cornflake, rice and maize machines and oil-expeller are introduced to ease process the produce and generate their rural income.

Trashiyangtse has a total road network of 154.531 Km including 44 Km of National Highway from Chazam to Yangtse. It has a total of 30 Schools, out of which 21 are Community Primary Schools, 7 Lower Secondary Schools, 1 Middle Secondary Schools and 1 Higher Secondary Schools with a total of 5617 students and 227 teachers as of October, 2011. It also has 21 NFE Centres and over 359 NFE Learners and 17 NFE Instructors. One Zorig chusum with over 122 trainees and 17 teachers as of October 2011, are also located in Yangtse. It has one hospital and four BHUs.

As of 2012, a total of 184 households have access to direct fixed telephone line and 8700 mobile subscribers.

It has scared monument like chorten Kora in Yangtse, which was built by Lam Ngawang Loday of Rigsum Goenpa to subdue the local Demons and Gomphu Kora. Yangtse Dzong accommodates Dzongkhag staff and Drangthrim office while the old Dzong accommodates Dratshang.

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, Trashhi Yangtse, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	17,740	18,049	18,360	18,673	18,884	19,314	19,633	19,951
0-4	1,939	1,913	2,036	2,159	2,280	1,399	2,386	2,369
5-9	2,201	1,880	1,833	1,794	1,762	1,736	1,860	1,984
10-14	2,301	2,023	1,995	1,961	1,926	1,892	1,843	1,801
15-19	2,176	1,987	1,998	2,005	2,008	2,001	1,986	1,962
20-24	1,436	1,864	1,883	1,900	1,916	1,931	1,946	1,961
25-29	1,212	1,670	1,705	1,739	1,769	1,797	1,823	1,845
30-34	955	1,388	1,438	1,489	1,540	1,587	1,630	1,669
35-39	916	1,159	1,193	1,226	1,263	1,305	1,352	1,403
40-44	817	943	978	1,015	1,052	1,089	1,124	1,159
45-49	831	776	797	820	846	875	908	944
50-54	773	641	658	677	697	718	739	762
55-59	633	525	538	551	566	582	599	617
60-64	592	424	434	444	454	465	477	490
65+	958	856	874	893	915	937	960	984
Male	8,861	8,997	9,139	9,282	9,564	9,577	9,722	9,867
0-4	970	912	971	1,030	1,191	1,146	1,140	1,131
5-9	1,090	901	877	857	921	828	888	947
10-14	1,166	977	962	944	1,000	908	883	862
15-19	1,091	974	975	975	1,034	968	958	945
20-24	763	943	946	948	967	951	953	956
25-29	552	860	876	891	865	914	922	926
30-34	465	723	747	772	744	819	839	857
35-39	462	606	624	641	603	681	704	729
40-44	398	486	506	527	504	568	587	605
45-49	416	396	407	419	413	449	467	487
50-54	385	326	334	344	343	365	376	388
55-59	310	265	272	278	280	294	302	312
60-64	301	212	217	222	227	233	239	245
65+	492	416	425	434	472	453	464	475

Female	8,879	9,052	9,221	9,391	9,564	9,737	9,913	1,084
0-4	969	1,001	1,065	1,129	1,191	1,252	1,246	1,237
5-9	1,111	979	956	937	921	908	973	1,037
10-14	1,135	1,046	1,033	1,017	1,000	984	960	939
15-19	1,065	1,013	1,023	1,030	1,034	1,033	1,028	1,017
20-24	673	921	937	952	967	980	993	1,005
25-29	660	810	829	848	865	883	901	919
30-34	490	665	691	717	744	768	791	812
35-39	454	553	569	585	603	624	648	674
40-44	419	457	472	488	504	521	537	553
45-49	415	380	390	401	413	426	441	456
50-54	388	315	324	333	343	353	363	374
55-59	323	260	266	273	280	288	297	306
60-64	291	212	217	222	227	233	239	245
65+	466	440	449	459	472	483	496	509

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, Trashig Yangtse, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	17,740	18,048	18,361	18,676	18,994	19,314	19,633	19,951
Population density (Persons per Sq. Km)	12	12	12	12	13	13	14	14
Population sex ratio	100	99	99	98	98	98.0	98.0	98.0

Source: Dzongkhag Population Projection 2006-2015

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

Age-group	2008	2009	2010	2011
Live births	378	376	413	383
Male	175	178	205	190
Female	203	198	100	193
Total deaths	127	91	47	95
Male	72	51	53	61
Female	52	40	15	34
Infant deaths	11	4	15	5
Male	6	1	4	2
Female	5	3	11	3
Marriages certificate issued	7,288	8,686	7,104	n.a
Number of divorces	129	147	209	237

Source: Dzongkhag Health Sector & Court, Trashi Yangtse Dzongkhag

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

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	54
Total fertility rate	3.3

Source: BMIS, 2010

Table 5. Early Childbearing, Trashhi Yangtse, (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	5.7
Are pregnant with first child	11.4
Have begun childbearing	0.0
Have had a live birth before 15	35
Number of women age 15~19	
% of women age 20~24 who have had a live birth before age 18	7.8
Number of women age 20~24	50

Source: BMIS, 2010

Table 6. Use of Contraception, Trashhi Yangtse, (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.	46.8
Not using any method	6.1
Percent of women (currently married or inunion) who are using	10.1
Female sterilization	5.0
Male sterilization	25.0
IUD	0.0
Injectables	2.8
Implants	3.4
Oral contraceptive Pill	0.0
Male condom	0.0
Female condom	0.0
Foam/ jelly	0.0
Lactational amenorrhoea method (LAM)	0.2
Periodic abstinence/ rhythm	0.0
Withdrawal	0.2
Other	52.8
Any modern method	0.5
Any traditional method	53.2
Any method	219.0
Number of women currently married or in union	

Source: BMIS, 2010

Table 7. Antenatal Care Provider, Trashhi Yangtse, (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	11.9
Nurse/ midwife	48.1
HA/ BHW	34.8
Assistant clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.0
Other/ missing	0.0
No antenatal care received	5.2
Total	100.0
At Least once by skilled personnel	94.8
Number of women who gave birth in the preceding 2 years	60.0

6

Source: BMIS, 2010

Table 8. Number of Antenatal Care Visits, Trashhi Yangtse, (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	5.2
1 Visits	0.0
2 Visits	8.6
3 Visits	14.7
4 or more visits	70.5
Missing/ DK	0.9
Total	100.0
Number of women who gave birth in the preceding 2 years	60.0

Source: BMIS, 2010

Table 9. Assistance During Delivery, Trashhi Yangtse, (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	18.2
Nurse / Midwife	20.9
HA/BHW	7.5
Asst. clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.0
Relative / friend	51.7
Other/missing	1.7
No attendant	0.0
Total	100.0
Any skilled personnel	46.6
Percent delivered by C-section	14.5
Number of women who gave birth in preceding two years	60

Source: BMIS, 2010

Table 10. Place of Delivery, Trashhi Yangtse, (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	40.8
Private sector health facility	0
Home	59.2
Other	0
Total	100
Delivered in health facility [1]	40.8
Number of women who gave birth in preceding two years	60

Source: BMIS, 2010

Table 11. Health Infrastructures, Facilities and Personnel, Trashhi Yangtse, (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	7	7	7	7	7
Number of ORCs	23	26	26	27	27
Number of indigenous units	1	1	1	1	1
Number of doctors	1	1	1	1	2
Number of hospital/BHU beds	48	48	55	55	55
Persons per doctor	18,360	18,673	18,994	19,314	12,257
Persons per hospital bed	383	389	345	351	219
Total morbidity attendance					
Health assistants	4	5	5	3	7
Basic health workers	10	10	9	9	8
Sister and nurses	13	14	14	15	13
Technicians	3	4	4	7	8
Indigenous dungtsho	1	1	1	1	1
Indigenous compounders/Menpas	1	1	1	1	0
Malaria workers	0	0	0	0	0
Village health workers	46	46	46	46	46
Number of children immunized					
Polio	324	385	378	405	387
DPTH	353	389	378	364	419
Measles	470	416	390	388	478
BCG	366	373	331	377	313
Others	0	0	0	0	0

Source: Dzongkhag Health Sector, Trashhi Yangtse Dzongkhag

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

	2007	2008	2009	2010	2011
Average admission					
Hospital admission					
Total	648	806	664	699	657
Patient days	3037	4735	3572	3319	2452
Average days	4.7	5.9	5.4	4.7	3.7
BHU admission	122	173	202	187	181

Source : Annual Health Bulletin, MoH

Table 13. Number of Surgeries, Trashhi Yangtse, (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	0	0	0	0
Orthopaedic extremities	0	0	0	0	0
Orthopaedic Others	0	0	0	0	0
Gynaecology	0	0	0	0	0
ENT	0	0	0	0	0
Eye	7	25	10	48	19

Source: Annual Health Bulletin, MoH

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

Dental Services	2007	2008	2009	2010	2011
Prophylaxis	82	82	11	50	109
Scaling	5	0	0	0	1
Fillings	84	186	263	271	227
Extractions	163	348	471	314	286
Others	83	400	465	493	422

Source: Annual Health Bulletin, MoH

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

Priority health problem/ Disease	2007	2008	2009	2010	2011
Diarrhoea	2,013	2,283	2,178	2,269	1,210
Conjunctivitis	1,279	1,005	1,168	1,170	916
Dysentery	892	919	832	860	442
Typhoid	91	167	64	0	0
Sexually transmitted disease, excluding HIV/AIDS	8	43	80	14	22
Diabetes	6	3	5	6	12
Tuberculosis	7	18	5	4	10
Early syphilis	3	3	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, Trashhi Yangtse, Dzongkhag

Table 16. Child Disability, Trashhi Yangtse, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	1.8
Difficulty seeing, either in the daytime or at night	1.9
Appears to have difficulty hearing	3.4
No understanding of instructions	6.4
stiffness	2.5
Have fits, become rigid, lose consciousness	1.3
Not learning to do things like other children his/her age	9.2
No speaking cannot be understood in words	7.4
Appears mentally backward, dull, or slow	1.7
Speech is not normal	5.3
Number of children aged 3-9 years	281
Cannot name at least one object	31.6
Number of children aged 2 years	34
reported disability*	28.7
Number of children aged 2-9 years	316

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Trashhi Yangtse, (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]	13.6
Weight for age: % below -3 sd [2]	1.2
Weight for age: Mean Z-Score (SD)	-0.8
Weight for age: Number of children	164
Height for age: % below -2 sd [3]	40.3
Height for age: % below -3 sd [4]	15.8
Height for age: Mean Z-Score (SD)	-1.4
Height for age: Number of children	155
Weight for height: % below -2 sd [5]	4.8
Weight for height: % below -3 sd [6]	2.8
Weight for height: % above +2 sd	7.8
Weight for height: Mean Z-Score (SD)	0.1
Weight for height: Number of children	161

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Trashhi Yangtse, (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	97.9
Percentage who were first breastfed: Within one hour of birth	81.9
Percentage who were first breastfed: Within one day of birth	9.5
Percentage who received a prelacteal feed	10.9
Number of last-born children in the two years preceding the	60

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Trashhi Yangtse, (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	21.7
Exclusive breastfeeding	1
Predominant breastfeeding	2.7
Number of children age 0-35 months	105

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Trashhi Yangtse, (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	10.5
Number of live births in the last 2 years	59.1
	60

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Trashhi Yangtse, (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	52.1
3 doses, the last within prior 5 years	27.1
4 doses, the last within prior 10 years	0.0
5 or more doses during lifetime	0.0
Protected against tetanus [1]	0.7
Number of women with a live birth in the last 2 years	80
	60

Source: BMIS, 2010

Table 22. Solid Fuel Use, Trashhi Yangtse, (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	48.9
Liquefied Petroleum Gas (LPG)	11.5
Kerosene	0
Coal	0.4
Wood	39.2
Straw/Shrubs/Grass	0
No food cooked in household	0.0
Other	0.0
Total	100
Solid fuels for cooking	39.5
Number of household members	1711

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Trashhi Yangtse, (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	13.4
Piped into compound	76.8
Piped to neighbor	5.8
Public outdoor tap	0.5
Protected well	0
Spring	0.9
Rainwater collection	0
Bottled water	0
Unimproved sources	
Unprotected well	0.5
Unprotected spring	1.3
Tanker-truck	0.0
Cart with small tank/drum	0.0
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	0.8
Other	0.0
Total	100
Percentage using improved sources of drinking water	97.4
Number of household members	1711

Source: BMIS, 2010

Table 24. Household Water Treatment, Trashhi Yangtse, (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	33.2
Boil	63.4
Add bleach / chlorine	0.1
Strain through a cloth	0.7
Use water filter	11.9
Solar disinfection	0.0
Let it stand and settle	2.8
Other	0.0
Don't know	0.0
Number of household members	1711
unimproved drinking water sources and using an appropriate drinking water sources	66.3
	45

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Trashhi Yangtse, (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	97.2
Less than 30 minutes	0.2
30 minutes or more	0.0
Missing/DK	0.0
Users of unimproved drinking water sources	
Water on premises	0.6
Less than 30 minutes	0.9
30 minutes or more	1.1
Missing/DK	0.0
Total	100
members	1711

Source: BMIS, 2010

Table 26. Types of Sanitation Facilities, Trashhi Yangtse, (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	0.0
Flush to septic tank(Without soak pit)	14.3
Flush to pit (latrine)	21.2
Flush to unknown place/not sure/DK where	0.0
Flush to septic tank (with soak pit)	1.9
Ventilated Improved Pit latrine (VIP)	0.0
Pit latrine with slab	32.1
Composing toilet	0.0
Unimproved sanitation facility	
Flush to somewhere else	0.0
Pit latrine without slab /open pit	24.8
Long drop latrine	0.2
Bucket	0.0
Other	0.0
Missing	0.0
Open defecation (no facility, bush, field)	
No facility,bush, field	
Total	5.4
Number of household members	100
	1711

Source: BMIS, 2010

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

Details	2008										Total	
	CPS/PS	LSS	MSS	HSS	College	Pvt.	Other Inst.	NFE Centres	Daycare Centres			
2008												
Number of schools and institutions	23	5	1	1	1	0	0	1	17	0		48
Teaching staff												
Bhutanese	8	57	25	14	14			15	17			198
Male	57	44	15	12	12			12	8			148
Female	13	13	10	1	1			3	9			19
Non-Bhutanese												
Male			1	9	9							10
Female			1	8	8							9
Temporary teachers			0	1	1							1
Male	14	10										25
Female	14	8										23
Number of students												
Male	2,040	1,996	653	513	513			105	286			5,593
Female	1,026	988	362	291	291			56	79			2,802
Student to teacher ratio	1,014	1,008	291	222	222			49	207			2,791
2009	24	30	26	34	34			7	17			
2009												
Number of schools and institutions	23	5	1	1	1			1	19			50
Teaching staff												
Bhutanese	84	67	24	18	18			15	19			227
Male	69	44	14	16	16			12	9			164
Female	15	23	10	2	2			3	10			63
Non-Bhutanese												
Male		1	1	9	9							11
Female		1	1	8	8							10
Female												1

Number of students	1,624	2,406	714	529	101	442	5,816
Male	804	1,187	363	287	58	108	2,807
Female	820	1,219	351	242	43	334	3,009
Student to teacher ratio	18	26	26	29	12	15	
2012							
Number of schools and institutions	21	7	1	1	1	21	4
Teaching staff					15		
Bhutanese	92	110	29	19	12	19	281
Male	72	75	20	15	3		185
Female	20	26	9	4	0		59
Non-Bhutanese			4	4	0		8
Male			4	4	0		8
Female			0	0	0		0
Temporary teachers	26	7		1	0		34
Male	21	6		1	0		28
Female	5	1		0	0		6
Number of students	1469	2486	707	495	101	359	5617
Male	708	1237	365	269	58	84	2721
Female	761	1249	342	226	43	275	2896
Student to teacher ratio	16	23	24	26	12	17	118

Source: Dzongkhag Education Sector, Trashhi Yangtse Dzongkhag

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

Class	2008	2009	2010	2011	2012
Primary level					
Total	3653	3693	3576	3454	3279
Class PP	552	573	513	464	341
Class I	538	511	502	486	455
Class II	489	546	529	479	498
Class III	577	495	534	500	492
Class IV	562	597	525	551	538
Class V	515	502	524	472	502
Class VI	420	469	449	502	453
Male	1,840	1,845	1,790	1,733	1,633
Class PP	266	279	255	231	168
Class I	286	246	247	237	210
Class II	266	284	259	241	246
Class III	290	267	270	247	246
Class IV	277	303	288	288	267
Class V	253	244	257	248	262
Class VI	202	222	214	241	234
Female	1,813	1,848	1,786	1,738	1,645
Class PP	286	294	258	233	173
Class I	252	265	255	249	245
Class II	223	262	270	256	252
Class III	287	228	264	252	246
Class IV	285	294	237	263	270
Class V	262	258	267	224	240
Class VI	218	247	235	261	219

Secondary level	1,549	1,619	1,741	1,800	1,878
Total	1,549	1,619	1,741	1,800	1,878
Class VII	387	404	462	462	547
Class VIII	315	369	350	376	410
Class IX	280	279	358	349	354
Class X	258	257	246	329	328
Class XI	157	155	170	119	128
Class XII	152	158	155	165	111
Male	827	861	891	907	945
Class VII	167	198	213	220	258
Class VIII	163	168	175	174	197
Class IX	146	140	164	178	169
Class X	133	136	135	156	172
Class XI	112	106	101	81	72
Class XII	106	114	103	98	77
Female	722	761	850	893	932
Class VII	220	206	249	242	289
Class VIII	152	201	175	202	213
Class IX	134	139	194	171	184
Class X	125	121	111	173	156
Class XI	45	49	69	38	56
Class XII	46	47	52	67	34

Source: Dzongkhag Education Sector, Trashi Yangtse Dzongkhag

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

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total	3,653	3,693	3,576	4,472	3,279
Age < 6 years	57	78	89	82	46
Age 6-12 years	2,843	2,847	2,824	3,778	2,744
Age 13 & above	753	768	663	612	489
Male	1,840	1,812	1,788	1,734	1,621
Age < 6 years	30	32	43	42	5
Age 6-12 years	1,425	1,442	1,411	1,370	1,341
Age 13 & above	385	371	334	322	275
Female	1,813	1,881	1,788	1,738	1,656
Age < 6 years	27	46	46	40	21
Age 6-12 years	1,418	1,405	1,413	1,408	1,403
Age 13 & above	368	397	329	290	232
Student in ISS level (Class VII-VIII)					
Total	701	1,271	825	837	955
Age < 13 years	16	17	26	33	52
Age 13-14 years	186	220	259	318	340
Age 15 & above	499	1,034	540	486	563
Male	309	370	394	394	456
Age < 13 years	5	10	12	16	26
Age 13-14 years	65	97	111	131	159
Age 15 & above	239	263	271	247	271
Female	299	400	431	445	499
Age < 13 years	11	7	14	19	26
Age 13-14 years	28	119	148	187	181
Age 15 & above	260	274	269	239	292

Students in MSS level (Class IX-X)						
Total	539	536	604	678	682	
Age < 15 years	13	13	16	10	46	
Age 15-16 years	160	159	194	221	270	
Age 17 & above	366	364	394	447	366	
Male	281	276	301	334	341	
Age < 15 years	6	8	6	6	17	
Age 15-16 years	93	81	89	104	124	
Age 17 & above	182	187	206	224	200	
Female	258	260	303	344	335	
Age < 15 years	7	5	10	4	29	
Age 15-16 years	67	78	105	117	146	
Age 17 & above	184	177	188	223	160	
Students in HSS level (Class XI-XII)						
Total	309	697	325	284	239	
Age < 17 years	5	2	18	9	14	
Age 17-18 years	83	93	132	111	101	
Age 19 & above	221	602	175	164	124	
Male	218	220	203	179	149	
Age < 17 years	3	1	13	1	7	
Age 17-18 years	52	60	100	66	51	
Age 19 & above	163	159	90	112	91	
Female	158	190	122	105	90	
Age < 17 years	69	95	5	8	7	
Age 17-18 years	31	93	32	45	50	
Age 19 & above	58	2	85	52	33	

Source: Education Sector, Trashhi Yangtse Dzongkhag

Table 30. Literacy Among Young Women, Trashhi Yangtse, (2010)

Literacy Among Young Women	2010
Percentage literate	33.0
Percentage not known	0.0
Number of women age 15-24 years	85

Source: BMIS, 2010

Table 31. School Readiness, Trashhi Yangtse, (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	46

Source: BMIS, 2010

Table 32. Primary School Entry, Trashhi Yangtse, (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	52
Number of children of primary school entry age	38

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Trashhi Yangtse, (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)	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	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	96.7
Percent who reach grade 6 of those who enter grade 0	95.9

Source: BMIS, 2010

Table 34. Education Gender Parity, Trashhi Yangtse, (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	92.2
Primary school adjusted net attendance ratio (NAR), boys	93.5
Gender parity index (GPI) for primary school adjusted NAR	0.99
Secondary school adjusted net attendance ratio (NAR), girls	33.9
Secondary school adjusted net attendance ratio (NAR), boys	32
Gender parity index (GPI) for secondary school adjusted NAR	1.06

Source: BMIS, 2010

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

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy			
Homicide	0	0	1
Assault,battery and related offences	26	24	21
Kidnapping and related offences	0	0	0
Sexual offence	0	2	1
Offence against infant,child,mentally dissabled and incompetent person	0	0	1
Arson and related offences	1	0	0
Burglary, trespass and related offences	2	4	5
Larceny,robbery, armed robbery and related offences	11	10	6
Money laundering and smuggling	0	1	0
Embezzlement and bribery	0	0	0
Forgery and related offences	1	1	0
Defamation and related offences	0	0	0
Treason,terrorism and related offences	0	0	0
Offences against cultural and national heritage	7	6	3
Offences against judicial authority	0	0	0
Prostitution and related offences	0	0	0
Offences against the public welfare	0	3	2
Offences related to public and civic duties	0	3	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	2	0	1

Offences related to protected species, controlled and other harmful substances	0	1	1
Motor vehicle offences	6	11	4
Others	12	1	1
Total crimes	67	67	46

Source: Royal Bhutan Police, Trashhi Yangtse Dzongkhag

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

Month	(Incident)		
	2009	2010	2011
January	0	0	1
February	1	1	0
March	1	0	2
April	2	2	1
May	0	0	0
June	0	1	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	1	0
December	2	5	0
Total	6	11	4

Source: Royal Bhutan Police, Trashhi Yangtse Dzongkhag

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

Details	(Incident)		
	2009	2010	2011
Mechanical fault	1	1	0
Drunk driving	0	0	0
Bad weather	0	0	0
Without licence	1	5	4
Unknown causes	0	0	0
Other causes	0	0	0
All causes	0	0	0

Source: Royal Bhutan Police, Trashhi Yangtse Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Trashhi Yangtse, (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	51.3
If she neglects the children	65.8
If she argues with him	67.5
If she refuses sex with him	44.3
If she burns the food	15.7
For any of these reasons	85.6
Number of women age 15-49 years	301

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Dzongkhag area (Sq. Km)	1,438	1,438	1,438	1,438	1,438
Total cultivated land (Acres) ¹	na	na	na	7,658.3	n.a
Damages caused by landslides ²					
Farmland (acres)	na	na	5.16	0	n.a
Houses (Number)	na	na	na	0	n.a
Roads (Km)	na	na	na		n.a
Damages caused by floods ²					
Farmland (acres)	na	na	na	0	n.a
Houses (Number)	na	na	na	0	n.a
Roads (Km)	na	na	na	0	n.a
Crops affected by drought (acres)	na	4.6	4.6	86.11	n.a
Crops damaged by wild animals (acres)	na	72.46	72.46	32.294	n.a
Incidence of earthquake (Number of cases reported) ²	na	na	2	2	n.a
Houses damaged by earthquakes (Number)	na	na	1,166	76	n.a
Number of forest fires ³	na	1	3	4	n.a
Acreege destroyed by forest fires	na	2	453	1,252.50	n.a
Acreege of reforestation ³	na	8.32	6.74	0	n.a
Houses/structures damaged by fires (Number) ³	na	na	3	1	n.a

Source: 1Agriculture Sector, 2Environment Sector, 3 Forest Sector, Trashhi Yangtse Dzongkhag

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

Month/ Temperature	2010			2011		
	(Degree Celsius)			(Degree Celsius)		
	Maximum	Minimum	Average	Maximum	Minimum	Average
January	12.5	3.7	8.1	14.0	-0.5	6.8
February	14.8	5.8	10.3	18.5	2.7	10.6
March	17.1	8.0	12.6	21.9	5.8	13.9
April	19.9	10.9	15.4	23.3	7.2	15.3
May	22.2	14.0	18.1	24.9	11.0	18.0
June	23.2	16.9	20.1	26.8	15.3	21.1
July	23.8	18.3	21.0	25.6	16.7	21.2
August	23.6	17.8	20.7	25.7	16.0	20.9
September	22.7	16.4	19.5	26.8	15.3	21.1
October	20.2	12.2	16.2	24.2	9.4	16.8
November	16.8	7.6	12.2	18.3	4.6	11.5
December	13.6	4.3	9.0	15.7	2.5	9.1
Annual						

Source: SYB, NSB

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

Month/ Monthly Rainfall	2010		2011	
	Station		Station	
	Trashhi Yangtse	Yalang	Trashhi Yangtse	Yalang
January	0	0	4.4	na
February	2	4	0.4	na
March	69	258	33.2	na
April	89	157	84.8	na
May	137	142	82.5	na
June	224	139	155.7	na
July	249	102	178.9	na
August	192	213	183.2	na
September	124	110	143.1	na
October	115	93	27.6	na
November	24	18	9.3	na
December	0	2	0	na
Annual	1224	1236	903.1	na

Source: SYB, NSB

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

Details	2010
Forest coverage (%) ²	76.0
Number of snow fall at Dzongkhag headquarter	0
Number of Protected spring water sources ¹	1
Number of Lakes ¹	0

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

Table 43. Disposal of Childs Faeces, Trashhi Yangtse, (2010)

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	11.1
Put / Rinsed into toilet or latrine	22.7
Put / Rinsed into drain or ditch	60.6
Thrown into garbage (solid waste)	3.1
Buried	0.0
Left in the open	1.1
Other	1.0
Total	100.0
Percentage of children whose stools were disposed of safely	33.8
Number of children age 0-2 years	105.0

Source: BMIS 2010

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

Details	2008	2011
Local governance (Number)		
Parliamentarians	3	3
Male	3	3
Female	0	0
Gups	8	8
Male	8	8
Female	0	0
Total gewog tshogpas ¹	56	23
Male	55	22
Female	1	1
Total Mangmis ¹	8	8
Male	8	8
Female	0	0
DYT members ²		
Male	17	17
Female	0	0
GYT members ¹		
Male	55	22
Female	1	1
Polling stations ²	37	44
Eligible voters (18 years and above) ²		
Male	7,168	7,303
Female	6,581	7,978
% of Voters turnout during election		
Male	64.6	37
Female	77	43
Total election staff in Dzongkhag	3	4
Male	2	2
Female	1	2

Source: 1Gewog Administration, 2Election Sector, Trashhi Yangtse Dzongkhag.

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

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

Source: Election Office, Trashi Yangtse Dzongkhag

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

Details	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	Total Expenditure 2008-2012
Sectors					
Adm & Management	28.026	33.705	37.504	n.a	n.a
Agriculture	17.458	17.086	57.449	n.a	n.a
Livestock	6.698	9.527	12.042	n.a	n.a
Forestry	9.619	8.161	9.034	n.a	n.a
Education	102.269	142.730	177.291	n.a	n.a
Health	14.371	12.440	31.897	n.a	n.a
Works & Human Settlement	13.830	12.160	16.704	n.a	n.a
Religion & Culture				n.a	n.a
Total	164.245	202.104	304.417	n.a	n.a

Source: Planning & Finance Section, Trashhi Yangtse Dzongkhag

Table 47. Dzongkhag 9th and 10th Five Year Plan Outlays, Trashhi Yangtse Dzongkhag, 2012

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	56.7	49.0	0.000	27.900
Agriculture	20.4	1.9	7	11.700
Livestock	21.8	3.2	15	17.500
Forestry	3.4	2.9	19	21.700
Education	140.2	91.8	2	441.100
Health	40.4	14.3	91	93.500
Urban development & housing	4.0	72.1	51.5	53.1
Roads	na	na	na	na
Bhutan post	na	na	na	na
Telecommunication	na	na	na	na
Power	na	na	na	na
Trade & industry	na	na	na	na
Total				
Total plan outlay				

Source: Dzongkhag Administration, Trashhi Yangtse, 2012

Table 48. Dzongkhag 9th and 10th Five Year Plan Expenditures, Trashhi Yangtse Dzongkhag, 2012

Sectors	(in million Nu.)			
	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	78.4	82.9	36.7	16.0
Agriculture	17.4	16.6	9.4	23.0
Livestock	25.5	8.3	10.2	12.9
Forestry	10.3	2.7	4.9	6.0
Education	222.4	71.1	174.3	70.7
Health	56.8	8.5	25.3	1.5
Urban development & housing	32.6	62.8	8.3	18.3
Roads	na	na	na	na
Bhutan post	na	na	na	na
Telecommunication	na	na	na	na
Power	na	na	na	na
Trade & industry	na	na	na	na
Total	na	na	na	na
Total plan expenditure	na	na	na	na

Source: Dzongkhag Administration, Trashhi Yangtse , 2012

Table 49. Gewog 9th and 10th Five Year Plan Outlays, Trashhi Yangtse Dzongkhag, 2012

(In million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	na	na	20.1	23.275
Agriculture	na	na	0	67.894
Livestock	na	na	0	21.248
Forestry	na	na	0	13.900
Education	na	na	0	383.360
Health	na	na	0	15.851
Urban development & housing	na	na	0	9.349
Roads	na	na	na	na
Bhutan post	na	na	na	na
Telecommunication	na	na	na	na
Power	na	na	na	na
Trade & industry	na	na	na	na
Total	na	na	na	na
Total plan outlay	na	na	na	na

Source: Planning Unit, Trashhi Yangtse Dzongkhag, 2012

Table 50. Gewog 9th and 10th Five Year Plan by Expenditures, Trashhi Yangtse Dzongkhag, 2012

(In million Nu.)

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	na	na	8.277	4.896
Agriculture	na	na	0.000	36.868
Livestock	na	na	0.000	1.058
Forestry	na	na	0.000	1.405
Education	na	na	0.000	6.505
Health	na	na	0.000	1.763
Urban development & housing	na	na	0.000	1.763
Roads & bridges	na	na	0.000	na
Religion & cultural	na	na	0.000	13.572
Telecommunication	na	na	na	na
Power	na	na	na	na
Trade & Industry	na	na	na	na
Total	na	na	na	na
Total plan outlay	na	na	na	na

Source: Dzongkhag Administration, Trashhi Yangtse Dzongkhag, 2012

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

Details	(Number)					
	2008	2009	2010	2011	2012	
Total	n.a	n.a	n.a	6800	8983	
Male	n.a	n.a	n.a	3400	4226	
Female	n.a	n.a	n.a	3500	4757	
Rural Total	n.a	n.a	n.a	6100	7102	
Male	n.a	n.a	n.a	2900	3183	
Female	n.a	n.a	n.a	3200	3919	
Urban Total	n.a	n.a	n.a	700	1881	
Male	n.a	n.a	n.a	400	1043	
Female	n.a	n.a	n.a	300	838	

Source: Labour Force Survey, MoLHR

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

Details	2009	2010	2011	2012
Total labour force (Number)	11,299	11,299	11,299	9,087
Total employed (%)	98.4	98.4	98.4	98.8
Male	55.18	55.18	55.18	99.10
Female	44.82	44.82	44.82	98.6
Unemployment rate	1.6	1.6	1.6	1.2
Total employed in Agriculture (%)	67.1	67.1	67.1	68.1
Male	44.01	44.01	44.01	44.01
Female	55.99	55.99	55.99	55.99
Total employed in Industries (%)	9.4	9.4	9.4	10.4
Male	75.46	75.46	75.46	75.46
Female	24.54	24.54	24.54	24.54
Total employed in Services (%)	9.9	9.9	9.9	10.9
Male	79.83	79.83	79.83	79.83
Female	20.17	20.17	20.17	20.17
Total unemployed by area (%)				
Urban	1.6	1.6	1.6	1.6
Rural	98.4	98.4	98.4	98.4
Total un-employed by education (%)				
Total unemployed grade XII and above	na	na	na	na
Total unemployed below grade XII	na	na	na	na
Total under employed (%)	na	na	na	na
Employed by age-group (%)				
15-17 years	5.89	6.89	7.89	8.89
18-24 years	19.7	20.7	21.7	22.7
25-64 years	72.43	72.43	72.43	72.43
65 years and above	2.01	2.01	2.01	2.01
Unemployed by age-group (%)				

15-17 years	30.77	30.77	30.77	30.77	30.77
18-24 years	38.46	38.46	38.46	38.46	38.46
25-64 years	30.77	30.77	30.77	30.77	30.77
65 years and above	0	0	0	0	0
Labor force participation rate (%)	57.6	57.6	57.6	57.6	72.1
Male participation rate	64.0	64.0	64.0	64.0	73.0
Female participation rate	51.3	51.3	51.3	51.3	71.3

Source: Labour Force Survey, MoLHR

Table 53. Child Labour, Trashhi Yangtse, (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	n.a
Working outside household	n.a
Paid work	0.0
Unpaid work	0.0
Working for family business	19.1
Economic activity for at least one hour	19.1
Household chores less than 28 hours	29.5
Household chores for 28 hours or more	0.0
Child labour	19.1
Number of children age 5-11	300.0
Percentage of children age 12-14 involved in	n.a
Economic activity	n.a
Working outside household	n.a
Paid work	0.0
Unpaid work	1.7
Working for family business	40.9
Economic activity less than 14 hours	38.8
Economic activity for 14 hours or more	2.1
Household chores less than 28 hours	75.9
Household chores for 28 hours or more	0.0
Child labour	2.1
Number of children age 12-14	122.0
Total child labour [1]	14.2
Number of children age 5-14 years	423.0

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Trashhi Yangtse, (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	14.2
Percentage of children attending school	83.9
Number of children age 5-14 years	423
Percentage of child labourers who are attending school	96.2
Number of children age 5-14 years involved in child labour	60
Percentage of children attending school who are involved in child labour	16.2
Number of children age 5-14 years attending school	355

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Paddy					
Area (Acres)	1,377	2,041	1,477	931	2,550
Production (MT)	1,814	2,570	1,656	1,443	3,258
Price per Kg (Nu.)					50
Maize					
Area (Acres)	5,772	137	1,930	1,571	2,218
Production (MT)	3,827	1,590	2,236	2,112	2,899
Price per Kg (Nu.)					15
Wheat					
Area (Acres)	151	332	39	0	16
Production (MT)	91	131	210	0	15
Price per Kg (Nu.)					0
Barley					
Area (Acres)	25	291	32	0	55
Production (MT)	22	289	17	0	30
Price per Kg (Nu.)					0
Buckwheat					
Area (Acres)	35	582	37	0	25
Production (MT)	16	367	21	0	18
Price per Kg (Nu.)					0
Millet					
Area (Acres)	296	800	454	210	387
Production (MT)	170	484	393	109	209
Price per Kg (Nu.)				10	12

Fruits						
Apples						
Number of fruit bearing trees	100	504	477	194	354	
Production (Kg)	3,000	9,000	9,000	2,590	16	
Price per Kg(Nu.)				50	100	
Oranges/ Mandarin						
Number of fruit bearing trees	13,832	12,566	9,691	8,460	11,395	
Production (Kg)	258,000	420,000	433,000	287,920	512	
Price per Kg(Nu.)				20	30	
Banana						
Number of fruit bearing trees	1,082	11,588	3,137	4,049	560	
Production (Kg)	43,000	121,000	24,000	59,108	25	
Price per Dozen(Nu.)				24	25	
Pear						
Number of fruit bearing trees	421	904	329	298	443	
Production (Kg)	8,000	25,000	15,000	7,462	11	
Price per Kg(Nu.)				20	20	
Plum						
Number of fruit bearing trees	220	2,894	294	400	697	
Production (Kg)	12,000	78,000	20,000	9,848	24	
Price per Kg(Nu.)				20	20	
Areca Nut						
Production (Pon)	0	0	0	na	na	
Production (Nu.)	0	0	0	na	na	
Price per 80 Piece/Pon(Nu.)	na	na	na	na	na	

Vegetables and Spices						
Potato						
Production (kg)	10,150,000	62,000	1,260,000	590,980	638	
Production (Nu.)	na	na	na	133	2,301	
Price per Kg(Nu.)	na	15	15	15	20	
Chili						
Production (kg)	820,000	754,000	494,000	421,760	365	
Production (Nu.)	na	na	na	430	301	
Price per Kg(Nu.)	na	40	45	50-100	100	
Onion						
Production (kg)	12,000	0	19,000	15,778	32	
Production (Nu.)	na	na	na	47	19	
Price per Kg(Nu.)	na	30	45	35	55	
Cabbage						
Production (kg)	104,000	242,000	104,000	118,780	150	
Production (Nu.)	na	na	na	81	165	
Price per Kg(Nu.)	na	20	20	15	15	
Cauliflower						
Production (kg)	15,000	113,000	46,000	42,720	39	
Production (Nu.)	na	na	na	49	47	
Price per Kg(Nu.)	na	25	30	25	25	
Asparagus						
Production (Bundles)	22,000	27,000	4,000	2,943	21	
Production (Nu.)	na	na	na	10.52	8	
Price per bunddle (Nu.)	na	40	45	30	100	
Tomato						
Production (Kg)	0	9,000	34,000	9,680	28	
Production (Nu.)	na	na	na	10.60	29	
Price per Kg(Nu.)	na	30	35	30	30	

Carrot									
Production (Kg)	0	9,000	5,000	4,695	12				
Production (Nu.)	na	na	na	8	16				
Price per Kg(Nu.)	na	30	35	20	25				
Egg Plant (Brinjal)									
Production (Kg)	0	63,000	37,000	10,507	na				
Production (Nu.)	na	na	na	28	na				
Price per Kg(Nu.)	na	20	25	20	na				
Raddish									
Production (Kg)	164,000	170,000	163,000	104,470	103,275				
Production (Nu.)	na	na	na	131	125				
Price per Kg(Nu.)	10	10	10	10	10				
Ginger									
Production (Kg)	5000	0	8000	8360	31				
Production (Nu.)	na	na	na	18.50	25				
Price per Kg(Nu.)	na	na	na	40	50				
Cardamom									
Production (Kg)	0	0	0	0	0				
Production (Nu.)	0	0	0	0	0				
Price per Kg(Nu.)	0	0	0	0	0				
Garlic									
Production (Kg)	60000	75000	65000	54820	100				
Production (Nu.)	na	na	na	121	43				
Price per Kg(Nu.)	45	45	50	50-100	100				
Oil seeds and legumes									
Lentils									
Production (Kg)	0	0	0	0	0				
Production (Nu.)	0	0	0	0	0				
Price per Kg(Nu.)	0	0	0	0	0				

Mustards					
Production (Kg)	9000	240000	11000	0	
Production (Nu.)	na	na	na	0	6
Price per Kg (Nu.)	60	60	65	0	
Beans					
Production (Kg)	58000	111000	50176000	41181	79
Production (Nu.)	na	na	na	95	25
Price per Kg (Nu.)	30	30	35	25	45

Source: Agriculture Sector, Trashhi Yangtse Dzongkhag

	2007	2008	2009	2010	2011
Table 56. Agriculture Infrastructures and Other Facilities , Trashhi Yangtse, (2007 ~ 2011)					
Details					
Irrigation for agriculture					
Number of irrigation channels	na	na	1	2	61
Functional	na	na	1	2	52
Non-Functional	na	na	0	0	9
Total length of channels (Km)	na	na	2	2.17	153.755
Area covered by irrigation	121.5	184.8	15	36	6,742.03
Number of households benefitted	183	162	13	87	3,370
Number of food processing units	1	1	0	10	68
Number of agriculture mills ¹	6	7	8	7	281
Number of livestock product	0	0	1	1	1
Number of farmer association/groups					
Agriculture	1	3	1	5	5
Livestock	3	3	3	13	13
Forestry	1	3	6	12	12
Number of power tillers	0	5	6	6	21

Note: ¹Including two traditional mills

Source: Agriculture Sector, Trashhi Yangtse Dzongkhag

Table 57: Livestock Population by Types, Trashhi Yangtse, (2007-2011)

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle					
Local breed	7,232	9,415	11,120	7,048	7,641
Male	1,827	4,274	5,800	2,021	1,528
Female	5,405	5,141	5,320	5,027	5,348
Improved breed	2,075	1,905	2,220	2,274	2,117
Male	386	396	420	505	635
Female	1,689	1,509	1,800	1,769	1,482
Mithun	2,338	1,869	1,789	1,655	1,570
Bufallo	0	0	0	0	0
Male	0	0	0	0	0
Female	0	0	0	0	0
Horse	1,289	1,308	1,005	1,165	1,195
Local breed	1,227	1,263	976	1,130	1,164
Improved breed	62	45	29	35	31
Yak	430	622	578	588	591
Male	200	256	228	195	177
Female	230	366	350	393	411
Sheep	42	34	27	22	22
Local breed	42	34	27	22	22
Improved breed	0	0	0	0	0
Pig	1,228	886	895	685	545
Local breed	588	434	385	197	211
Improved breed	640	452	510	488	334
Poultry	2,932	2,236	2,590	6,225	12,614
Local breed	1,856	1,621	1,513	1,127	1,238
Improved breed	1,076	615	1,077	5,098	11,376
Goat	173	89	170	144	110

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Trashhi Yangtse Dzongkhag

Table 58: Livestock Productions, Trashhi Yangtse, (2007~2011)

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	670,994	973,601	1,129,320	911,136	752,311
Price per liter (Nu.)					25
Butter (Kg)	54,279	59,563	72,000	45,400	40,700
Price per Kg (Nu.)					220
Fresh Cheese (Kg)	91,750	95,000	107,020	83,924	61,180
Price per Kg (Nu.)					130
Processed cheese (kg)	0	0	0	0	0
Price per Kg (Nu.)					
Eggs (dozen)	12,261	4,179	7,589	26,338	171,001
Price per piece (Nu.)					8
Fish (Kg)	0	0	0	0	0
Price per Kg (Nu.)					
Beef (Kg)	26,415	49,787	35,000	13,350	16,970
Price per Kg (Nu.)					220
Pork (Kg)	21,120	15,543	10,535	7,430	15,308
Price per Kg (Nu.)					170
Yak Meat (Kg)	300	2,750	3,500	0	0
Price per Kg (Nu.)					
Mutton (Kg)	250	157	108	0	0
Price per Kg (Nu.)					
Honey (Liters)	0	0	0	0	0
Price per liter (Nu.)					
Chicken (Kg)	16	24	120	0	0
Price per Kg (Nu.)					

Source: Livestock Sector, Trashhi Yangtse Dzongkhag

Table 59. Forestry Productions, Trashhi Yangtse, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Wood Forest Product ¹					
Log Form (Cft)	104,180.08	90,988.32	163,930.75	9,529.00	30,968.07
Price per Cft(Nu.)	314.50	895.27	2,105.20	1,525.00	1,029
Fire wood (Cubic metres)					
Price per Cubic metre(Nu.)	2,775.00	1,280.00	4,486.00	264.00	984
Flag Poles (Number of trees)					
Price per tree(Nu.)	1.00	7.00	13.00	53.00	0
Shinglap (Number of trees)					
Price per tree(Nu.)	240.00	563.00	1,947.00	2,240.00	4,815
Cham (Number of trees)					
Price per tree(Nu.)	259	318	637	2,611	794
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)	0	0	0	0	0
Mushroom (Nu.)	0	0	0	0	0
Medicinal and Aromatic plants (Kg)					
Price per Kg (Nu.)	11,983	27,443	7,631	2,460	
Cordyceps (Kg)	83,881	192,101	49,076	17,248	
Price per Kg(Nu.)	380	292	202	46	3
Sand (Truck load)					
Price per cft(Nu.)	415	200	166	108	82
Stones (Truck load)					
Price per cft(Nu.)	11,569	6,773	12,532	21,250	2,470
Bamboo (Number)					

Price per piece (Nu.)	20	10	6	4	0
Cane (Piece)					
Price per piece (Nu.)	0	0	0	0	0
Lemon grass (liter)					
Price per liter (Nu.)	0	0	0	0	0
Mining Sites (Number)	0	0	0	0	0
Quarry Sites	0	0	0	0	1
Municipal Waste Disposal Sites	1	1	1	1	1
Environmental Clearance Issued	7	5	8	22	

Note: Cordyceps amount collected only for auction royalty charges.
Source: IDivisional Forest, Bumdeling National Park, Trashhi Yangtse

Table 60. Electricity Generating Stations and Capacities, Trashhi Yangtse, (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)
Diesel generation stations							
Diesel generator plant, Trashhi Yangtse	1x380kw	250kw	250kw	1x380kw	250kw	250kw	1x380kw
Other diesel stations	0	0	0	0	0	0	0

Source: Department of Energy, MoEA, Trashhi Yangtse

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

Details	2009	2010	2011	2012
Total number of household in Urban	64	70	74	78
Total number of household in Rural	3430	3420	3416	3416

Sorce: BMIS, 2010

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

new buildings	2009	2010	2011	2012
Trahiyangtse(Main town)	6	4	2	4
Trashhi Yangtse(Rigney & Hospital area)	1	1	0	0
Trashhi Yangtse(Bayling area)	2	1	0	0
Trashhi Yangtse(Dzong area)	0	0	2	0
Trashhi Yangtse(Baychen)	0	0	0	0

Source: Dzongkhag Municipal, Trashhi Yangtse Dzongkhag

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

Details	2009	2010	2011
Industries by type (Number)			
Agro based	1	0	0
Forestry based	11	9	8
Mineral based	0	1	0
Others	15	0	0
Industries by scale (Number)			
Large	0	0	0
Medium	0	0	0
Small	0	0	0
Cottage	27	11	14
Contract firms (Number)			
Large	0	0	0
Medium	36	0	0
Small	171	4	5

Source: Regional Trade Office, Trashhi Yangtse

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

Details	(Number)				
	2007	2008	2009	2010	2011
Trade and Industries					
Micro & retail trade licences issued	15	14	20	16	33
Micro & retail trade licences in operation	15	14	20	16	32
Wholesale trade licences issued	0	1	1	0	1
Wholesale trade licences in operation	1	1	1	1	2
Services licences issued	6	7	15	13	19
Services licences in operation	5	5	7	13	19
Manufacturing licences issued	8	7	12	10	8
Manufacturing licences in operation	4	5	7	10	8

Source: Regional Trade Office, Trashhi Yangtse

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

Details	(Number)				
	2007	2008	2009	2010	2011
Public Service Transport					
Bus	2	2	2	2	4
Taxi	22	26	29	25	36
Motor vehicle registration					
Heavy	14	20	18	29	42
Medium	10	8	11	25	20
Small	114	129	136	196	308
Two wheeler	103	97	110	100	108
Auto Mobile workshop ³	1	1	2	2	2
Bus stations	1	1	1	1	1

Source: RSTA Regional Office, Trashhi Yangtse

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

Details	(Number)				
	2007	2008	2009	2010	2011
Roads (Length in Km)					
Farm roads ¹	na	42	60.2	73.531	73.531
Feeder roads ²	na	23.5	27	27	27
Forest roads ¹	10.1	10.1	10.1	10.1	10.1
Highways/Dzongkhag roads	44	44	44	44	44
Bridges (Number)	13	13	13	13	13
Suspension bridge ¹	4	4	4	4	4
Suspended ¹	0	0	0	0	0
Bailey bridges ²	0	0	0	0	0
Traditional bridges ¹	0	0	0	0	0

Source: 1Dzongkhag Engineering Section, 2Department of Roads, Trashhi Yangtse

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

Telecommunications	(Number)					
	2007	2008	2009	2010	2011	2012
Households with fixed telephone connections	125	251	247	150	155	155
Tashi cell users	0	0	0	0	0	1,800
B.mobile users	0	0	0	5,500	8,300	8,550
Community information centres	2	2	2	2	2	8
Gewogs accessible to mobile services	8	8	8	8	8	8
Households with internet access	25	51	62	50	65	82
Bhutan post office	2	2	2	2	2	2

Source: Gewog Administration Office & Regional Office, Trashi Yangtse Dzongkhag.

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

Number of establishments	(number)			
	2009	2010	2011	2012
RICBL	0	1	1	1
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	1	1	1	1
ATM Machine	0	0	0	0

Source: Financial Institutions, Trashhi Yangtse Dzongkhag

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Table 69. Number of account holders in Banks, Trashhi Yangtse, (2010-2011)

Number of facilities	Number of account holders (2010)				Number of account holders (2011)				
	savin gs		recurring		savin gs		recurring		
	nt	fixed deposit	nt	fixed deposit	nt	fixed deposit	nt	fixed deposit	
RICBL	2	0	0	0	0	16	0	0	0
BIL	0	0	0	0	0	0	0	0	0
BDBL	1070	972	1	46	49	1168	44	127	88
BNBL	0	0	0	0	0	0	0	0	0
DPNBL	0	0	0	0	0	0	0	0	0
T-Bank	0	0	0	0	0	0	0	0	0
BOBL	365	2144	85	210	250	404	2694	102	200
									285

Source: Financial Institutions, Trashhi Yangtse Dzongkhag

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

Details	2007	2008	2009	2010	2011	2012
Administration (Number)	1	1	1	1	1	1
Drungkhags	0	0	0	0	0	0
Gewogs	8	8	8	8	8	8
Chiwogs	76	76	76	76		
Villages	117	117	117	117	117	117
Households	3,764	3,490	3,490	3,490	3,490	3,490
Towns	1	1	1	1	1	1
Number of Police stations	4	4	4	4	4	4

Source: Dzongkhag Administration, Trashhi Yangtse Dzongkhag

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

Details	2007	2008	2009	2010	2011	2012
Number of children park	0	0	0	0	0	0
Number of hotels	3	3	3	3	3	3
Number of restaurants	3	3	3	3	3	3
Number of drayangs	0	0	0	0	0	0
Number of discotheques	0	0	0	0	0	0
Number of foreign tourist visitors	0	0	0	0	0	0

Source: Regional Office, MoEA, Trashhi Yangtse Dzongkhag



**Annual Dzongkhag Statistics
2012**



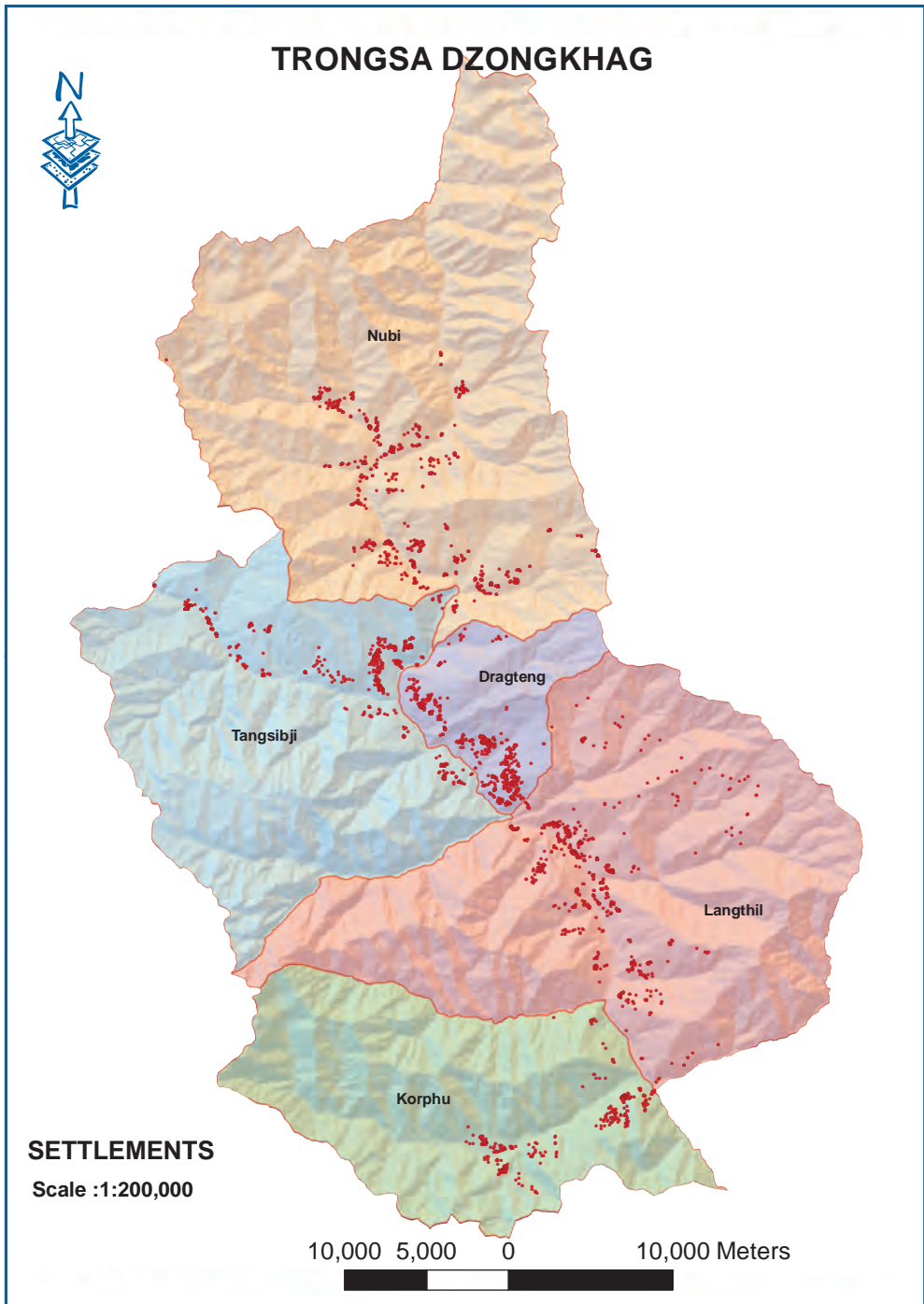
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Preface

The Annual Dzongkhag Statistics of Trongsa is the second in the series of publications. It attempts to provide comprehensive statistics of Trongsa 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, Trongsa 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
Trongsa**

Background

Yongzin Ngagi Wangchuk who was guided, in a vision, by the guardian deity, Palden Lhamo, to visit a place in the central Bhutan which resembled a bow and which was in food grains (mang-dru) where the name Mangdue has its origin, arrived in Trongsa in 1541 where he took residence in the village of Yueli. One night while Yongzin Ngagi Wangchuk was meditating, his attention was drawn by a flicker of light, resembling that of butter lamp burning in the open air, at the spot where the present day Goenkhang of the Trongsa Dzong is located. In 1543, he established a small Tshamkhang (meditation quarter) in the sacred spot and meditated there. He soon attracted a number of disciples who built their own meditation unit around the main Tshamkhang. The cluster of newly built meditation quarters appeared to the people of Yueli above like a new village and hence they called it "Trongsa" meaning "new village".

Trongsa dzongkhag is located in the heart of the country. It covers an area of about 1807 km², with elevation ranging from 800 meters to 4,800 meters above sea level with a total population of about 15,240(estimated) in 2012 with the growth rate of 1.4%. As per the PHCB 2005, Trongsa has 2,739 households and a total population of 13,419 out of which 10,724 live in the rural areas. It shares boundaries with Bumthang dzongkhag to the northeast, Wangdiphodrang dzongkhag to the west and Zhemgang dzongkhag to the south.

Despite formidable rugged terrain in most part of the dzongkhag, the blacked topped East-West highway and the Trongsa-Gelephu highway passes through the dzongkhag connecting almost all the gewogs, which serves as the main economic artery.

Though the East-West and Trongsa-Gelephu highway passes through the dzongkhag, most settlements are still remote due to lack of feeder roads. This combined with the rugged terrain makes delivery of services difficult and costly. Still, every Gewog in the dzongkhag have a BHU, RNR centers and a School each providing basic services, where it is further supplemented by Community Primary Schools and Out Reach Clinic.

Trongsa dzongkhag consists of five geogs namely, (i). Drakteng (ii). Korphu (iii). Nubi (iv). Langthil and (v). Tangsibji. Nubi geog is the most densely populated geog of the dzongkhag. With the political change in the country the dzongkhag is further divided in two Constituencies. 1) Nubi Tangsibji and 2) Drakteng Langthil.

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Agriculture farming is the main source of income for majority of the population and farmers grow almost all kinds of crops.

Trongsa is one of the, historically and ecologically extremely important and fragile dzongkhag in the Kingdom. Trongsa Dzong was headquartering eastern region and have been the seat of Trongsa Penlop. Even today, every Crown Prince of Bhutan has to be formally investiture as a Trongsa Penlop before becoming the hereditary King of Bhutan.

There are many sacred monuments like tapering rock in Nubji lakhang, Kubra, Ugen Drak and Phumzur lhakhang, which are all believed that Guru Padmasambhava have visited and meditated in this sacred sites on his way back from Bumthang to India in 8th century. Very few people excluding the local people visit these sacred sites because of inadequate road facilities. The other sacred spots in Trongsa are Ta-Dzong, and Trongsa Dzong that lulls immense attraction of tourist.

Jigme Singye Wangchuck National Park that covers an area of 1730 km² is a home for many globally endangered rare floras and fauna of the country, and it's a habitual place for one of the most globally endangered species Golden Langur. The National Park was established in 1995 in order to protect large area of virtually untouched ecosystem ranging from mixed conifer in the north to chirepine / broadleaf forest in the south.

Opening of Eco-tourism foot trail from Langthil to Korphu through Jangbi village have open door to tourist which is an additional source of income for the people of Langthil and Korphu geog.

The Monpas, who are believed to be the true native, resides on the lower parts of the Langthil and Korphu gewog which falls under the Jigme Singye Wangchuck National Park. Monkha is their native dialect and they depend upon forest resource for their daily needs. The monpa of Wangling, Jangbi and Phumzur are homogenous and close community. They live and work in groups. Joint family system of living is still prevalent in these villages.

The Mangduechhu River flows through the heart of the dzongkhag dividing the Dzongkhag almost into two half's. This dzongkhag enjoys a mixed climate, that is, warm humid and warm temperate with soil type sandy loam and clayey loam. The topography is rugged with deep gorges to the north and steep slope in the south.

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, Trongsa Dzongkhag, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	13,419	13,671	13,927	14,187	14,448	14,712	14,977	15,240
0-4	1,326	1,447	1,543	1,638	1,733	1,825	1,818	1,808
5-9	1,579	1,422	1,389	1,362	1,339	1,321	1,418	1,514
10-14	1,679	1,531	1,512	1,489	1,464	1,440	1,405	1,375
15-19	1,552	1,505	1,515	1,523	1,526	1,523	1,514	1,498
20-24	1,232	1,413	1,429	1,443	1,457	1,471	1,484	1,497
25-29	1,082	1,266	1,295	1,322	1,347	1,370	1,391	1,410
30-34	816	1,053	1,092	1,133	1,173	1,210	1,245	1,276
35-39	767	879	906	932	962	995	1,033	1,073
40-44	585	715	742	772	801	831	859	886
45-49	549	588	605	624	644	667	693	722
50-54	569	485	500	515	531	547	564	582
55-59	355	398	408	419	431	443	457	472
60-64	408	321	329	337	345	354	364	375
65+	920	648	663	679	695	714	732	751
Male	6,869	6,988	7,108	7,235	7,360	7,485	7,609	7,731
0-4	677	708	755	803	850	896	892	887
5-9	804	699	682	668	656	647	695	742
10-14	843	759	748	736	723	710	691	675
15-19	795	756	759	760	760	757	750	741
20-24	692	733	736	739	741	743	746	749
25-29	552	668	682	695	705	714	721	726
30-34	427	562	581	602	621	640	656	671
35-39	396	471	485	500	515	532	551	571
40-44	290	377	393	410	428	444	460	474
45-49	275	308	317	327	338	351	366	382
50-54	280	253	260	268	277	285	294	304
55-59	176	206	211	217	223	230	237	244
60-64	191	165	169	173	177	182	187	192
65+	471	323	330	337	346	354	363	373

Female	6,550	6,683	6,819	6,952	7,088	7,227	7,367	7,509
0-4	649	739	788	835	883	929	926	921
5-9	775	723	707	693	683	674	723	772
10-14	836	772	764	753	741	730	713	699
15-19	757	748	756	763	766	767	764	757
20-24	540	680	693	705	717	728	738	748
25-29	530	598	613	627	641	655	670	684
30-34	389	491	511	531	551	570	588	605
35-39	371	409	420	433	447	463	482	502
40-44	295	337	349	361	374	387	399	412
45-49	274	281	289	297	306	316	328	340
50-54	289	233	239	247	254	262	270	279
55-59	179	192	197	202	208	214	220	228
60-64	217	156	160	164	168	173	178	183
65+	449	324	333	341	349	359	368	379

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, Trongsa Dzongkhag, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	13,419	13,671	13,927	14,187	14,448	14,712	14,977	15,240
Population density (Persons per Sq. Km)	7	8	8	8	8	8	8	8
Population sex ratio	105	105	104	104	104	104	103	103

Source : Dzongkhag Population Projection 2006-2015

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

Age-group	2008	2009	2010	2011
Live births	n.a	n.a	205	226
Male	n.a	n.a	102	135
Female	n.a	n.a	103	89
Total deaths	n.a	n.a	47	60
Male	n.a	n.a	21	30
Female	n.a	n.a	26	30
Infant deaths	n.a	n.a	1	2
Male	n.a	n.a	1	1
Female	n.a	n.a	0	1
Marriage certificate issued	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
Divorces	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

Source: Dzongkhag Health Sector & Court, Trongsa Dzongkhag

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

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	95
Total fertility rate	3

Source : BMIS, 2010

Table 5. Early Childbearing, Trongsa Dzongkhag, (2010)

Details	2010
% of women age 15~19	
Have had a live birth	8.7
Are pregnant with first child	5.4
Have begun childbearing	14.1
Have had a live birth before 15	0
Number of women age 15~19	35
% of women age 20~24 who have had a live birth before age 18	18.7
Number of women age 20~24	80

Source : BMIS, 2010

Table 6. Use of Contraception, Trongsa Dzongkhag, (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	
Percent of women (currently married or inunion) who are using	
Female sterilization	5.5
Male sterilization	13.4
IUD	3.6
Injectables	32.4
Implants	0.9
Oral contraceptive Pill	5.0
Male condom	7.5
Female condom	0.0
Foam/ jelly	0.0

Lactational amenorrhoea method (LAM)	0.0
Periodic abstinence/ rhythm	0.0
Withdrawal	0.0
Other	0.2
Any modern method	68.3
Any traditional method	0.2
Any method	68.4
Number of women currently married or in union	209.0

Source : BMIS, 2010

Table 7. Antenatal Care Provider, Trongsa Dzongkhag, (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	32.9
Nurse/ midwife	26.7
HA/ BHW	37.9
Assistant clinical officer (ACO)	0
Traditional birth attendant	0
Village health worker	1
Other/ missing	0
No antenatal care received	1.4
Total	100
At least once by skilled personnel	99.3
Number of women who gave birth in the preceding 2 years	62

Source : BMIS, 2010

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

Details	2010
Percent of women who had No antenatal care visits	1.4
1 Visits	3.6
2 Visits	4
3 Visits	17.8
4 or more visits	73.2
Missing/ DK	0
Total	100
Number of women who gave birth in the preceding 2 years	50

Source : BMIS, 2010

Table 9. Assistance During Delivery, Trongsa Dzongkhag, (2010)

Details	2010
Person assisting at delivery	
Doctor	28.5
Nurse / Midwife	16.5
HA/BHW	3.0
Asst. clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	1.0
Relative / friend	48.3
Other/missing	2.0
No attendant	0.7
Total	100.0

Any skilled personnel	48.0
Percent delivered by C-section	7.5
Number of women who gave birth in preceding two years	50.0

Source : BMIS, 2010

Table 10. Place of Delivery, Trongsa Dzongkhag, (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	45.5
Private sector health facility	0
Home	53.8
Other	0.7
Total	100
Delivered in health facility [1]	45.5
Number of women who gave birth in preceding two years	50

Source : BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Number of hospitals	1	1	1	1	1
Number of BHUs	6	6	6	6	6
BHU grade I	0	0	0	0	0
BHU grade II	6	6	6	6	6
Number of ORCs	21	21	21	22	21
Number of indigenous units	2	2	2	3	3
Number of doctors	2	2	2	2	1
Number of hospital/BHU beds	20	20	20	20	20
Persons per doctor	6,964	7,094	7,224	7,356	14,977
Persons per hospital bed	696	709	722	3,365	n.a
Total morbidity attendance	16,885	13,849	18,547	18,797	n.a
Health assistants	7	6	7	11	11
Basic health workers	5	5	5	4	4
Sister and nurses	6	5	4	7	9
Technicians	8	8	9	9	12
Indigenous dungtsho	1	1	1	1	1
Indigenous compounders/Menpas	2	2	2	3	1
Malaria workers	0	0	0	0	0
Village health workers	37	36	39	38	40
Number of children immunized					
Polio	379	420	527	266	263
DPTH	347	396	503	266	263
Measles	326	299	291	251	280
BCG	n.a	n.a	n.a	213	170
Others	n.a	n.a	n.a	448	n.a

Source: Dzongkhag Health Sector, Trongsa Dzongkhag Dzongkhag

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

Average admission	2007	2008	2009	2010	2011
Hospital admission					
Total	230	408	526	541	626
Patient days	1092	762	1728	1768	2070
Average days	4.7	1.9	3.3	n.a	3.3
BHU admission	62	49	44	58	70

Source : Annual Health Bulletin 2008,2009,2010 MoH

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

Details	2007	2008	2009	2010	2011
Surgeries					
Caesarian Section	0	0	0	0	0
General Abdominal	0	0	0	1	0
General Others	0	2	65	0	0
Orthopaedic extremities	0	0	0	0	0
Orthopaedic Others	0	0	0	0	0
Gynaecology	1	2	1	0	0
ENT	0	0	0	0	0
Eye	0	0	12	0	0

Source : Annual Health Bulletin 2008,2009,2010 MoH

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

Dental Services	2007	2008	2009	2010	2011
Prophylaxis	34	36	56	48	41
Scaling	0	0	4	8	0
Fillings	372	258	248	230	276
Extractions	424	408	381	406	410
Others	532	566	534	690	401

Source : Annual Health Bulletin 2008,2009,2010 MoH

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

Priority health problem/ Disease	2007	2008	2009	2010	2011
Diarrhoea	1,524	1,064	1,489	1,268	1073
Conjunctivitis	1,381	1,334	1,126	1,156	650
Dysentery	893	776	778	570	445
Typhoid	18	26	29	0	0
Sexually transmitted disease, excluding HIV/AIDS	17	10	14	6	20
Diabetes	7	5	8	5	6
Tuberculosis	10	6	7	12	6
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, Trongsa Dzongkhag Dzongkhag

Table 16. Child Disability, Trongsa Dzongkhag, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	3.8
Difficulty seeing, either in the daytime or at night	.5
Appears to have difficulty hearing	2.5
No understanding of instructions	6.0
Difficulty in walking moving, moving arms, weakness or stiffness	4.1
Have fits, become rigid, lose consciousness	4.8
Not learning to do things like other children his/her age	10.0
No speaking cannot be understood in words	12.0
Appears mentally backward, dull, or slow	2.3
Speech is not normal	10.5
Number of children aged 3-9 years	230
Cannot name at least one object	19.4
Number of children aged 2 years	28
Percentage of children 2-9 years of age with at least one reported disability*	33.8
Number of children aged 2-9 years	259

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Trongsa Dzongkhag, (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]	10.3
Weight for age: % below -3 sd [2]	2.9
Weight for age: Mean Z-Score (SD)	-0.6
Weight for age: Number of children	129.8
Height for age: % below -2 sd [3]	27.2
Height for age: % below -3 sd [4]	9.5
Height for age: Mean Z-Score (SD)	-1.1
Height for age: Number of children	128.8
Weight for height: % below -2 sd [5]	2.6
Weight for height: % below -3 sd [6]	0.7
Weight for height: % above +2 sd	1.9
Weight for height: Mean Z-Score (SD)	0.0
Weight for height: Number of children	130.4

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Trongsa Dzongkhag, (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	99.3
Percentage who were first breastfed: Within one hour of birth	54.9
Percentage who were first breastfed: Within one day of birth	90.1
Percentage who received a prelacteal feed	11.7
Number of last-born children in the two years preceding the survey	50

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Trongsa Dzongkhag, (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	27.9
Exclusive breastfeeding	0.7
Predominant breastfeeding	2.2
Number of children age 0-35 months	80

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Trongsa Dzongkhag, (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	7.8
Number of live births in the last 2 years	67.4
	50

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Trongsa Dzongkhag, (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	41.7
Percentage of women who did not receive two or more doses during last pregnancy but received	
2 doses, the last within prior 3 years	31.4
3 doses, the last within prior 5 years	1.0
4 doses, the last within prior 10 years	0.0
5 or more doses during lifetime	0.0
Protected against tetanus [1]	74.1
Number of women with a live birth in the last 2 years	49.7

Source: BMIS, 2010

Table 22. Solid Fuel Use, Trongsa Dzongkhag, (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	23.6
Liquefied Petroleum Gas (LPG)	21.8
Kerosene	0.1
Coal	0.3
Wood	54.2
Straw/Shrubs/Grass	0
No food cooked in household	0
Other	0
Total	100
Solid fuels for cooking	54.5
Number of household members	1510

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Trongsa Dzongkhag, (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	17.1
Piped into dwelling	42.8
Piped into compound	4.8
Piped to neighbor	29.3
Public outdoor tap	0.3
Protected well	0.5
Spring	0.0
Rainwater collection	0.0
Bottled water	0.0
Unimproved sources	
Unprotected well	0.1
Unprotected spring	1.3
Tanker-truck	0.0
Cart with small tank/drum	0.0
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	3.7
Other	0.1
Total	100.0
Percentage using improved sources of drinking water	94.8
Number of household members	1510

Source: BMIS, 2010

Table 24. Household Water Treatment, Trongsa Dzongkhag, (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	29.3
Boil	45.3
Add bleach / chlorine	0.1
Strain through a cloth	2.5
Use water filter	18.1
Solar disinfection	0.2
Let it stand and settle	36.7
Other	0.0
Don't know	0.0
Number of household members	1509.8
sources and using an appropriate water treatment method [1]	32.7
sources	79

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Trongsa Dzongkhag, (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	80.4
Less than 30 minutes	12.9
30 minutes or more	1.5
Missing/DK	0.0
Users of unimproved drinking water sources	
Water on premises	1.1
Less than 30 minutes	2.3
30 minutes or more	1.8
Missing/DK	0.0
Total members	100.0
	1510

Source: BMIS, 2010

Table 26. Types of sanitation Facilities, Trongsa Dzongkhag, (2010)

Percent Distribution of Household Population According to Type of Toilet Facility Used by the Household	2010
Types of sanitation facilities	
Type of toilet facility used by household	
Improved sanitation facility	
Flush toilet	0.8
Flush to septic tank(Without soak pit)	14.9
Flush to pit (latrine)	9.7
Flush to unknown place/not sure/DK where	0.0
Flush to septic tank (with soak pit)	4.5
Ventilated Improved Pit latrine (VIP)	0.0
Pit latrine with slab	28.8
Composing toilet	0.0
Unimproved sanitation facility	
Flush to somewhere else	0.3
Pit latrine without slab /open pit	35.6
Long drop latrine	0.4
Bucket	0.0
Other	0.1
Missing	0.0
Open defecation (no facility, bush, field)	
No facility,bush, field	5.0
Total	100.0
Number of household members	1510

Source: BMIS, 2010

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

Details	CP	PS	LS	MSS	HSS	College	Pvt.	Other Inst.	NFE Centres	Daycare Centres	Total
2008											
Number of schools and institutions	15	3	3	1	1	0	0	0	24	0	47
Teaching staff											
Bhutanese	50	32	35	16	15	0	0	0	26	0	174
Male	39	15	22	13	11	0	0	0	10	0	110
Female	11	17	13	3	4	0	0	0	16	0	64
Non-Bhutanese	0	0	1	1	4	0	0	0	0	0	6
Male	0	0	1	0	4	0	0	0	0	0	5
Female	0	0	0	1	0	0	0	0	0	0	1
Temporary teachers	20	2	8	1	2	0	0	0	0	0	33
Male	11	2	4	1	2	0	0	0	0	0	20
Female	9	0	4	0	0	0	0	0	0	0	13
Number of students	1,198	771	764	389	428	0	0	0	366	0	3,916
Male	611	390	337	202	227	0	0	0	107	0	1,874
Female	587	381	427	187	201	0	0	0	259	0	2,042
Student to teacher ratio	17.11	22.68	17.36	21.61	20.38	0	0	0	14.08	0	18
2009											
Number of schools and institutions	15	4	3	1	1	0	0	0	21	0	45
Teaching staff											
Bhutanese	58	41	32	18	19	0	0	0	22	0	190
Male	45	20	20	14	12	0	0	0	6	0	117
Female	13	21	12	4	7	0	0	0	16	0	73
Non-Bhutanese	0	0	1	1	4	0	0	0	0	0	6
Male	0	0	1	0	4	0	0	0	0	0	5
Female	0	0	0	1	0	0	0	0	0	0	1
Temporary teachers	15	3	8	1	1	0	0	0	0	0	28
Male	10	1	4	1	1	0	0	0	0	0	17
Female	5	2	4	0	0	0	0	0	0	0	11
Number of students	1,194	844	703	379	469	0	0	0	366	0	3,955
Male	603	441	325	210	246	0	0	0	107	0	1,932
Female	591	403	378	169	223	0	0	0	259	0	2,023
Student to teacher ratio	16.36	19.18	17.15	18.95	19.54	0	0	0	16.64	0	17.7

2010	Number of schools and institutions	15	4	3	1	1	0	0	0	20	0	44
	Teaching staff											
	Bhutanese	57	41	37	18	23	0	0	0	22	0	198
	Male	44	21	24	13	16	0	0	0	6	0	124
	Female	13	20	13	5	7	0	0	0	16	0	74
	Non-Bhutanese	0	0	2	1	4	0	0	0	0	0	7
	Male	0	0	1	1	4	0	0	0	0	0	6
	Female	0	0	1	0	0	0	0	0	0	0	1
	Temporary teachers	25	3	6	2	1	0	0	0	0	0	37
	Male	19	2	4	2	1	0	0	0	0	0	28
	Female	6	1	2	0	0	0	0	0	0	0	9
	Number of students	1,163	785	678	354	476	0	0	0	366	0	3,822
	Male	577	392	317	192	249	0	0	0	107	0	1,834
	Female	586	393	361	162	227	0	0	0	259	0	1,988
	Student to teacher ratio	14.18	17.84	15.07	16.86	17.00	0	0	0	16.64	0	15.79
2011	Number of schools and institutions	15	4	3	1	1	0	0	1	46	1	72
	Teaching staff	78	45	49	19	24	0	0	n.a	46	n.a	261
	Bhutanese	61	41	41	17	20	0	0	0	46	0	226
	Male	45	22	27	10	12	0	0	n.a	n.a	n.a	116
	Female	16	19	14	7	8	0	0	n.a	n.a	n.a	64
	Non-Bhutanese	0	0	2	0	4	0	0	0	0	0	6
	Male	0	0	2	0	3	0	0	n.a	0	0	5
	Female	0	0	0	0	1	0	0	n.a	0	0	1
	Temporary teachers	17	4	6	2	0	0	0	0	0	0	29
	Male	15	2	4	2	0	0	0	n.a	0	0	23
	Female	2	2	2	0	0	0	0	n.a	0	0	6
	Number of students	1,314	642	871	343	428	0	0	0	463	n.a	4,061
	Male	680	319	515	193	213	0	0	n.a	117	n.a	2,037
	Female	634	323	356	150	215	0	0	n.a	346	n.a	2,024
	Student to teacher ratio	17	14	18	18	18	0	0	n.a	10	n.a	16
2012	Number of schools and institutions	19	2	2	1	0	0	0	39	1	64	
	Teaching staff	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	
	Male	61	23	19	16	0	0	0	n.a	n.a	n.a	
	Female	37	11	14	7	0	0	0	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	
	Male	0	1	0	2	0	0	0	n.a	n.a	n.a	

Female	0	0	1	0	0	0	0	0	0	n.a	n.a	n.a
Temporary teachers/NCT/CET	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	16	1	1	0	0	0	0	0	0	n.a	n.a	n.a
Female	6	0	0	0	0	0	0	0	0	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
Male	903	269	264	235	0	0	0	0	0	n.a	n.a	n.a
Female	888	291	259	211	0	0	0	0	0	n.a	n.a	n.a
Student to teacher ratio	15	16	15	18	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Source: Dzongkhag Education Sector, Trongsa Dzongkhag

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

Class V	168	153	154	152
Class VI	127	155	115	162
Female	1,244	1,200	1,173	#VALUE!
Class PP	159	170	168	(228)
Class I	196	161	182	#VALUE!
Class II	214	204	160	(16)
Class III	179	182	181	-
Class IV	177	177	184	#VALUE!
Class V	159	161	153	(152)
Class VI	160	145	145	(162)
Secondary level				
Total	1,078	1,150	1,132	1,058
Class VII	306	311	276	282
Class VIII	286	266	275	233
Class IX	192	262	227	255
Class X	173	176	241	203
Class XI	58	74	48	56
Class XII	63	61	65	29
Male	539	586	576	530
Class VII	135	138	132	117
Class VIII	135	132	134	118
Class IX	96	131	114	133
Class X	90	92	122	106
Class XI	47	43	35	36
Class XII	36	50	39	20
Female	539	564	556	528
Class VII	171	173	144	165
Class VIII	151	134	141	115
Class IX	96	131	113	122
Class X	83	84	119	97
Class XI	11	31	13	20
Class XII	27	11	26	9

Source: Dzongkhag Education Sector, Trongsa Dzongkhag

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

Details	2008	2009	2010	2011
Students in primary school level (Class PP-VI)				
Total	2,472	2,439	2,323	2,347
Age < 6 years	47	61	103	94
Age 6-12 years	2,008	1,932	1,846	1,884
Age 13 & above	417	446	374	369
Male	1,228	1,239	1,143	1,197
Age < 6 years	19	30	53	49
Age 6-12 years	1,002	975	912	945
Age 13 & above	207	234	178	203

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Female	1,244	1,200	1,180	1,150
Age < 6 years	28	31	50	45
Age 6-12 years	1,006	957	934	939
Age 13 & above	210	212	196	166
<hr/>				
Student in LSS level (Class VII-VIII)				
Total	592	577	551	530
Age < 13 years	10	9	18	16
Age 13-14 years	161	177	201	187
Age 15 & above	421	391	332	327
Male	270	270	266	250
Age < 13 years	5	5	10	7
Age 13-14 years	68	69	97	81
Age 15 & above	197	196	159	162
Female	322	307	285	280
Age < 13 years	5	4	8	9
Age 13-14 years	93	108	104	106
Age 15 & above	224	195	173	165
<hr/>				
IX-X)				
Total	365	438	468	443
Age < 15 years	12	13	6	6
Age 15-16 years	101	113	159	144
Age 17 & above	252	312	303	293
Male	186	223	236	224
Age < 15 years	6	5	1	3
Age 15-16 years	51	59	70	57
Age 17 & above	129	159	165	164
Female	179	215	232	219
Age < 15 years	6	8	5	3
Age 15-16 years	50	54	89	87
Age 17 & above	123	153	138	129
<hr/>				
Students in HSS level (Class XI-XII)				
Total	121	135	113	85
Age < 17 years	5	3	9	3
Age 17-18 years	37	58	45	28
Age 19 & above	79	74	59	54
Male	83	93	74	56
Age < 17 years	1	2	6	1
Age 17-18 years	30	31	27	15
Age 19 & above	52	60	41	40
Female	38	42	39	29
Age < 17 years	4	1	3	2
Age 17-18 years	7	27	18	13
Age 19 & above	27	14	18	14

Source : Education Sector, Trongsa Dzongkhag Dzongkhag

Table 30. Literacy Among Young Women, Trongsa Dzongkhag, (2010)

Literacy Among Young Women	2010
Percentage literate	53.7
Percentage not known	0
Number of women age 15-24 years	81

Source: BMIS, 2010

Table 31. School Readiness, Trongsa Dzongkhag, (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	0.8
Number of children attending first grade of primary school	41

Source: BMIS, 2010

Table 32. Primary School Entry, Trongsa Dzongkhag, (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	76.2
Number of children of primary school entry age	33

Source: BMIS, 2010

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

Details	2010
Percent attending grade 1 last year who are in grade 2 this year	99.3
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	100.0
Percent attending grade 4 last year who are attending grade 5 this year	99.0
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	97.2

Source: BMIS, 2010

Table 34. Education Gender Parity, Trongsa Dzongkhag, (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	96.8
Primary school adjusted net attendance ratio (NAR), boys	92.5
Gender parity index (GPI) for primary school adjusted NAR	1.1
Secondary school adjusted net attendance ratio (NAR), girls	58.8
Secondary school adjusted net attendance ratio (NAR), boys	42.0
Gender parity index (GPI) for secondary school adjusted NAR	1.4

Source: BMIS, 2010

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

Nature of Crime	(Incident)		
	2009	2010	2011
	0	0	0
Attempt, aiding and abetting, solicitation and criminal conspiracy			
Homicide	1	1	1
Assault, battery and related offences	12	16	8
Kidnapping and related offences	0	0	0
Sexual offence	5	2	0
Offence against infant, child, mentally disabled and incompetent person	0	0	0
Arson and related offences	0	0	0
Burglary, trespass and related offences	5	8	1
Larceny, robbery, armed robbery and related offences	7	6	10
Money laundering and smuggling	0	0	0
Embezzlement and bribery	0	0	0
Forgery and related offences	0	2	0
Defamation and related offences	0	0	0
Treason, terrorism and related offences	0	0	0
Offences against cultural and national heritage	4	4	0
Offences against judicial authority	0	0	0
Prostitution and related offences	0	0	0
Offences against the public welfare	1	3	3
Offences related to public and civic duties	0	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	0	0	0
Offences related to protected species, controlled and other harmful substances	0	2	0
Motor vehicle offences	4	3	16
Others	1	1	3
Total crimes	40	50	42

Source: Royal Bhutan Police, Trongsa Dzongkhag

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

Month	2009	2010	2011
January	0	0	0
February	0	0	0
March	1	2	0
April	0	0	0
May	0	0	0
June	0	0	10
July	1	0	6
August	0	0	0
September	0	1	0
October	2	0	0
November	0	0	0
December	0	0	0
Total	4	3	16

Source: Royal Bhutan Police, Trongsa Dzongkhag

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

Details	2009	2010	2011
Mechanical fault	2	0	0
Drunk driving	0	0	0
Bad weather	0	1	11
Without licence	0	0	0
Unknown causes	0	0	0
Other causes	2	2	5
All causes	4	3	16

Source: Royal Bhutan Police, Trongsa Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Trongsa Dzongkhag, (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	54
If she neglects the children	63.9
If she argues with him	45.3
If she refuses sex with him	38.1
If she burns the food	47.3
For any of these reasons	83.3
Number of women age 15-49 years	294

Source: BMIS, 2010

Table 39. Land Area and Damages Caused by Types, Trongsa Dzongkhag, (2007 ~ 2010)

Details	2007	2008	2009	2010
Dzongkhag area (Sq. Km)				
Total cultivated land (Acres) ¹	n.a	n.a	n.a	2,287.2
Damages caused by landslides ²				
Farmland (acres)	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a
Damages caused by floods ²				
Farmland (acres)	n.a	n.a	11	n.a
Houses (Number)	n.a	n.a	4	n.a
Roads (Km)	n.a	n.a	2.13	n.a
Crops affected by drought (acres)	n.a	n.a	n.a	n.a
Crops damaged by wild animals (acres)	n.a	n.a	n.a	n.a
Incidence of earthquake (Number of cases reported) ²	n.a	n.a	n.a	n.a
Houses damaged by earthquakes (Number)	n.a	n.a	n.a	n.a
Number of forest fires ³	3	1	3	1
Acreage destroyed by forest fires	20.13	5.40	17.00	13.00
Acreage of reforestation ³	0	0	0	10.00
Houses/structures damaged by fires (Number) ³	0	0	0	0

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

Table 40. Average Monthly Temperature (Degree Centigrade), Trongsa Dzongkhag, (2010)

Month/ Temperature	(Degree Celsius)		
	Maximum	Minimum	Average
January	16.5	0.9	8.7
February	16.1	2.9	9.5
March	18.8	7.8	13.3
April	21	9.9	15.45
May	21.3	12	16.65
June	22.3	15.1	18.7
July	22.7	16.5	19.6
August	23.7	16.6	20.15
September	22.1	14.9	18.5
October	20.8	11.4	16.1
November	17	7.6	12.3
December	16.5	1.5	9
Annual	20	10	15

Source: SYB, NSB

Table 41. Average Monthly Rainfall, Trongsa Dzongkhag, (2010)

Month/ Monthly Rainfall	(Millimeter)				
	Bjizam	Kuengarabten	Langthel	Chendebeji	Trongsa
January	0	5	0	0	0
February	26	22	3	7	0
March	36	50	31	42	61
April	140	150	54	64	239
May	131	25	69	77	135
June	232	64	265	222	297
July	267	79	277	388	428
August	114	101	216	271	233
September	123	34	165	188	113
October	126	55	82	16	81
November	10	44	2	0	8
December	0	19	0	1	0
Annual	100	54	97	106	133

Source: SYB, NSB

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

Details	2010	2011
Forest coverage (%) ²	84.13	84.13
Number of snow fall at Dzongkhag headquarter	1	0
Number of Protected spring water sources ¹	n.a	1
Number of Lakes ¹	n.a	0

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

Table 43. Disposal of Childs Faeces, Trongsa Dzongkhag, (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	16.9
Put / Rinsed into toilet or latrine	17.7
Put / Rinsed into drain or ditch	56.4
Thrown into garbage (solid waste)	2.5
Buried	0
Left in the open	4.9
Other	1.6
Total	100
Percentage of children whose stools were disposed of safely	34.6
Number of children age 0-2 years	80

Source: BMIS 2010

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

Details	2008	2011
Local governance (Number)		
Parliamentarians	3	3
Male	3	3
Female	0	0
Gups	5	5
Male	5	5
Female	0	0
Total gewog tshogpas ¹	55	25
Male	52	23
Female	3	2
Total Mangmis ¹	5	5
Male	5	5
Female	0	0
DYT members ²	11	11
Male	11	11
Female	0	0
GYT members ¹	60	35
Male	52	33
Female	3	2
Polling stations ²	21	27
Eligible voters (18 years and above) ²	6,677	8,123
Male	n.a	3,847
Female	n.a	4,276
% of Voters turnout during election	n.a	100
Male	n.a	43.3
Female	n.a	56.6
Total election staff in Dzongkhag	3	4
Male	3	3
Female	0	1

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

Note: Voters turnout is for only the first round of LG Election of 2011.

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

Details	Amount (Nu)
2008	
Parliamentarians (Number)	n.a
National council	n.a
National assembly	n.a
2011	
Local government	2,586,457.0
Gup	n.a
Mangmi	n.a
Tsogpa	n.a

Source: Election Office, Trongsa Dzongkhag.

Note : The total expenditure includes only the expenditure of the first round of IG election 2011.

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

Details	2008-2009			2009-2010			2010-2011		
	Current	Expenditures Capital	Total	Current	Expenditures Capital	Total	Current	Expenditures Capital	Total
Civil	1431999.9	4407702.18	5839702.08	19699682.52	2416241.8	22115924.32	20683678.67	4377114	25060792.7
Agriculture	3724866.3	4976213.16	8701079.46	4152642.1	8621194.69	12773836.79	4211228.17	5898684	10109912.2
Livestock	4620645.71	2713670.14	7334315.85	5123062.33	2705387.85	7828450.18	5438148.6	2665213	8103361.6
Forestry	2431435.62	3520253.3	5951688.92	3082111.6	3711297.32	6793408.92	3254895	609538	3864433
Education	59297893.24	13675981.87	72973875.11	77663523.94	33889565.91	1115533089.9	91079038.83	59085868.46	150164907
Health	11732797.9	1497723.08	13230520.98	0	409999.5	409999.5	16966616.99	500000	17466617
Urban Development & Housing	8378049.84	5571671.34	13949721.18	9079005.48	11888730.22	20967735.7	10123994.32	17072589.38	27196583.7
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	91617688.51	36363215.07	127980903.6	1188800028	63642417.29	182442445.3	151757600.6	90209006.84	2419666607
Total plan outlay	95285498.17	41287371.87	136572870	133053539.6	69065009.17	202118548.7	157333605.1	109283275.5	266616881

Source: Dzongkhag Administration, Trongsa Dzongkhag.

Note: In the total outlay Religion and Culture, Election and Survey and Land Record sectors are not included.

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

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	50.1	95.3	n.a	22.3
Agriculture	18.4	4.7	n.a	16.9
Livestock	23.1	4.1	n.a	6.7
Forestry	6.2	2.7	n.a	10.5
Education	100.9	52.4	n.a	n.a
Health	38.4	11.6	n.a	35.3
Urban development & housing	7.3	43.5	n.a	35.0
Roads	3.9	-	n.a	n.a
Bhutan post	n.a	-	n.a	n.a
Telecommunication	n.a	-	n.a	n.a
Power	n.a	-	n.a	n.a
Trade & industry	n.a	12.0	n.a	n.a
Total	248.4	226.4	n.a	126.7
Total plan outlay	248.4	226.4	n.a	126.7

Source: Dzongkhag Administration, Trongsa Dzongkhag.

Table 48. Dzongkhag 9th and 10th Five Year Plan Expenditure, Trongsa Dzongkhag.

Sectors	(in million Nu.)			
	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	227.9	n.a	n.a
Agriculture	n.a	44.5	n.a	n.a
Livestock	n.a	31.8	n.a	n.a
Forestry	n.a	11.6	n.a	n.a
Education	n.a	119.5	n.a	n.a
Health	n.a	53.1	n.a	n.a
Urban development & housing	n.a	59.6	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	547.9	n.a	n.a
Total plan expenditure	n.a	547.9	n.a	n.a

Source: Dzongkhag Administration, Trongsa Dzongkhag.

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

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Gewog Administration	n.a	18.0	n.a	11.3
Agriculture	n.a	37.8	n.a	54.9
Livestock	n.a	3.6	n.a	1.8
Forestry	n.a	6.0	n.a	10.8
Education	n.a	8.4	n.a	n.a
Health	n.a	3.0	n.a	9.5
Bridges and Mule Tracks	n.a	6.2	n.a	3.2
Total	n.a	83.0	n.a	91.5
Total plan out lay	n.a	83.0	n.a	91.5

Source: Planning Unit, Trongsa Dzongkhag Dzongkhag

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

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Gewog Administration	n.a	15.6	n.a	n.a
Agriculture	n.a	54.5	n.a	n.a
Livestock	n.a	2.6	n.a	n.a
Forestry	n.a	3.0	n.a	n.a
Education	n.a	11.3	n.a	n.a
Health	n.a	2.6	n.a	n.a
Bridges and Mule Tracks	n.a	5.6	n.a	n.a
Total	n.a	95.2	n.a	n.a
Total plan Expenditure	n.a	95.2	n.a	n.a

Source: Dzongkhag Administration, Trongsa Dzongkhag.

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

Details	(Number)				
	2008	2009	2010	2011	2012
Total	n.a	n.a	6700	8500	5996
Male	n.a	n.a	3400	4600	2418
Female	n.a	n.a	3300	3900	3578
Rural Total	n.a	n.a	5900	1100	5056
Male	n.a	n.a	3000	700	1800
Female	n.a	n.a	3000	400	3256
Urban Total	n.a	n.a	800	7400	940
Male	n.a	n.a	400	3900	618
Female	n.a	n.a	400	3400	322

Source : Labour Force Survey, MoLHR

Table 52. Employment by Industries, Age Group and Sex, Trongsa Dzongkhag, (2009 ~ 2011)

Details	2009			2010			2011		
	Total labour force (Number)	n.a			6,700			8,900	
Total employed (%)	n.a			100.0			95.5		
Male	n.a			50.7			51.7		
Female	n.a			49.3			43.8		
Unemployment rate	n.a			0.0			3.4		
Total employed in Agriculture (%)	n.a			68.7			80.0		
Male	n.a			32.8			40.0		
Female	n.a			35.8			40.0		

Total employed in Industries (%)	n.a	11.9	8.2
Male	n.a	6.0	4.7
Female	n.a	6.0	3.5
Total employed in Services (%)	n.a	17.9	11.8
Male	n.a	10.4	9.4
Female	n.a	7.5	2.4
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	61.5	74.8
Male participation rate	n.a	70.8	79.7
Female participation rate	n.a	53.2	69.5

Source : Labour Force Survey, MOLHR

Table 53. Child Labour, Trongsa Dzongkhag, (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	n.a
Working outside household	n.a
Paid work	0.3
Unpaid work	0.4
Working for family business	41.8
Economic activity for at least one hour	41.8
Household chores less than 28 hours	34.1
Household chores for 28 hours or more	0.2
Child labour	42
Number of children age 5-11	242
Percentage of children age 12-14 involved in	
Economic activity	n.a
Working outside household	n.a
Paid work	2.4
Unpaid work	0
Working for family business	56.2
Economic activity less than 14 hours	49.7
Economic activity for 14 hours or more	6.5
Household chores less than 28 hours	61.7
Household chores for 28 hours or more	0
Child labour	6.5
Number of children age 12-14	116
Total child labour [1]	60.4
Number of children age 5-14 years	359

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Trongsa Dzongkhag, (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	
Percentage of children attending school	
Number of children age 5-14 years	
Percentage of child labourers who are attending school	
Number of children age 5-14 years involved in child labour	
Percentage of children attending school who are involved in child labour	
Number of children age 5-14 years attending school	

Source: BMIS, 2010

Table 55. Agriculture Production and Average Prices by Commodities, Trongsa Dzongkhag, (2007 ~ 2010)

Details	2007	2008	2009	2010
Paddy				
Area (Acres)	1,550.00	1,511.23	2,135.00	1,577.25
Production (MT)	1,726.64	1,544.74	2,176.00	1,806.95
Price per Kg (Nu.)	n.a	n.a	45.00	n.a
Maize				
Area (Acres)	1,182.00	1,162.21	2,169.00	1,381.22
Production (MT)	1,208.10	985.07	1,860.00	1,291.36
Price per Kg (Nu.)	n.a	n.a	n.a	n.a
Wheat				
Area (Acres)	280.00	606.72	635.00	420.26
Production (MT)	379.73	274.41	361.00	330.12
Price per Kg (Nu.)	n.a	n.a	n.a	n.a
Barley				
Area (Acres)	n.a	n.a	324.00	101.72
Production (MT)	n.a	n.a	172.00	45.80
Price per Kg (Nu.)	n.a	n.a	n.a	n.a
Buckwheat				
Area (Acres)	882.00	350.44	436.00	887.69
Production (MT)	341.02	133.81	251.00	385.56
Price per Kg (Nu.)	n.a	n.a	n.a	n.a
Millet				
Area (Acres)	n.a	16.00	45.00	77.75
Production (MT)	n.a	5.92	9.00	16.24
Price per Kg (Nu.)	n.a	n.a	n.a	n.a

Fruits					
Apples					
Number of fruit bearing trees	n.a	16.00	30.00	n.a	n.a
Production (Kg)	n.a	2,365.00	1,000.00	3,080.00	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Oranges/ Mandarin					
Number of fruit bearing trees	4,615.00	3,564.00	2,856.00	n.a	n.a
Production (Kg)	257,698.00	10,019.00	112,000.00	179,320.00	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Banana					
Number of fruit bearing trees	3,618	4,015	283	n.a	n.a
Production (Kg)	54,411.00	63,212.00	2,000.00	75,329.00	n.a
Price per Dozen(Nu.)	n.a	n.a	n.a	n.a	n.a
Pear					
Number of fruit bearing trees	695.00	541.00	156.00	n.a	n.a
Production (Kg)	41,927.00	40,271.00	11,000.00	3,579.00	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Plum					
Number of fruit bearing trees	687.00	327.00	265.00	n.a	n.a
Production (Kg)	28,775.00	23,641.00	12,000.00	7,815.00	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a

Areca Nut					
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)	1,021,242.00	42,238.00	254,000.00	1,954,030.00	
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
Chili					
Production (kg)	318,804.00	426,431.00	393,000.00	282,830.00	
Production (Nu.)	n.a	17,057,240.00	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Onion					
Production (kg)	n.a	n.a	3,000.00	8,582.00	
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
Cabbage					
Production (kg)	161,203.00	25,421.00	90,000.00	106,970.00	
Production (Nu.)	n.a	2,033,680.00	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Cauliflower					
Production (kg)	48,201.00	50,241.00	17,000.00	45,860.00	
Production (Nu.)	n.a	602,892.00	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a

Asparagus									
Production (Bundles)	n.a	70.00	n.a	n.a	877.00				
Production (Nu.)	n.a	3,500.00	n.a	n.a	n.a				
Price per bundle (Nu.)	n.a	n.a	n.a	n.a	n.a				
Tomato									
Production (Kg)	5,271.00	n.a	n.a	n.a	n.a				
Production (Nu.)	n.a	n.a	n.a	n.a	4,200.00				
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a				
Carrot									
Production (Kg)	22,514.00	27,124.00	11,000.00	n.a	n.a				
Production (Nu.)	n.a	406,860.00	n.a	n.a	n.a				
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a				
Egg Plant (Brinjal)									
Production (Kg)	3,556.00	44,423.00	44,000.00	n.a	13,375.00				
Production (Nu.)	n.a	8,884,601.00	n.a	n.a	n.a				
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a				
Raddish									
Production (Kg)	448,875.00	562,177.00	9,000.00	n.a	n.a				
Production (Nu.)	n.a	6,746,124.00	n.a	n.a	n.a				
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a				
Ginger									
Production (Kg)	8,442.00	n.a	1,000.00	n.a	12,570.00				
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				
Cardamom									
Production (Kg)	n.a	n.a	2,000.00	n.a	7,250.00				
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				

Garlic						
Production (Kg)	21,016.00	n.a	17,000.00	n.a	12,570.00	
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)	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.)	n.a	n.a	n.a	n.a	n.a	
Mustards						
Production (Kg)	84,385.00	186,822.00	50,000.00	62,120.00		
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	31,000.00	24,907.00		
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, Trongsa Dzongkhag and CountrySTAT

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

Details	2007	2008	2009	2010	2011
Irrigation for agriculture					
Number of irrigation channels	84	85	85	87	80
Functional	84	85	85	85	76
Non-Functional	0	0	0	2	4
Total length of channels (Km)	254	260	260	266	280
Area covered by irrigation (Acres)	4,330	4,357	4,357	4,367	5,088
Number of households benefitted	n.a	n.a	n.a	n.a	1,930
Number of food processing units	0	0	0	0	1
Number of agriculture mills ¹	n.a	n.a	na	171	184
Number of livestock product processing units	1	1	1	2	2
Number of farmer association/groups	14	20	25	29	n.a
Agriculture	2	4	6	9	10
Livestock	7	11	13	9	n.a
Forestry	5	5	6	11	n.a
Number of power tillers	n.a	n.a	na	84	80

Note:¹includes rice mill and oil mill.

Source:Agriculture Sector, Trongsa Dzongkhag

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

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle					
Local breed	7,938	9,652	9,812	11,359	10,332
Male	5,648	6,961	6,957	8,852	7,817
Female	2,189	2,941	n.a	3,590	3,217
Improved breed	3,459	4,020	n.a	5,262	4,600
Male	2,290	2,691	2,855	2,507	2,515
Female	747	908	n.a	603	634
Mithun	1,543	1,783	n.a	1,904	1,881
Male	24	20	28	8	14
Female	N.A	N.A	N.A	N.A	N.A
Buffallo	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	439	436	400	349	348
Local breed	397	393	372	319	299
Improved breed	42	43	28	30	49
Yak	72	195	72	58	73
Male	20	40	n.a	23	36
Female	52	155	n.a	35	37
Sheep	781	756	467	384	306
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	493	424	154	96	7,937
Local breed	184	174	80	9	1,622
Improved breed	309	250	74	87	6,315
Poultry					
Local breed	3,585	3,253	2,614	2,872	7,937
Improved breed	2,023	2,001	1,939	1,667	1,622
Improved fish	1,562	1,252	675	1,205	6,315
Goat	0	0	0	0	1,452
	16	0	15	27	5

Note: Mithun includes only pure Bamin.

Source: Livestock Sector, Trongsa Dzongkhag

Table 58: Livestock Productions, Trongsa Dzongkhag, (2007~2011)

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	961,494	1,105,237	1,222,520	1,027,794	136,130.5
Butter (Kg)	59,591	50,598	51,440	44,033.5	56,492.2
Fresh Cheese (Kg)	167,198	71,765	105,660	125,515.85	156,533.01
Processed cheese (kg)	n.a	0	0	440	n.a
Eggs (Dozen)	11,465	13,920	12,194	96,781	180,771
Fish (Kg)	N.A	N.A	N.A	N.A	n.a
Beef (Kg)	106,315	99,782	70,760	91,238	77,405
Pork (Kg)	5,759	9,388	7,680	2,287	1,355
Yak Meat (Kg)	1,250	980	0	0	0
Mutton (Kg)	430	300	0	0	0
Honey (Gm)	N.A	N.A	N.A	N.A	N.A
Chicken (Kg)	49	31	0	0	22

Source: Livestock Sector, Trongsa Dzongkhag

Table 59. Forestry Production, Trongsa Dzongkhag, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Wood Forest Product ¹					
Log Form (Cft)	n.a	n.a	n.a	259*	1110.32
Fire wood (Cubic metres)	4	456	816	2730*	1260
Flag Poles (Number)	295	1,183	476	1,133	320
Shinglap (Number of trees)	n.a	n.a	n.a	n.a	0
Cham (Number of trees)	200	1,260	603	741	480
Tsim (Number of trees)	30	235	308	612	240
Non-Wood Forest Product ²					
Mushroom (Kg)	n.a	n.a	n.a	n.a	0
Mushroom (Nu.)	n.a	n.a	n.a	n.a	0
Medicinal and Aromatic plants (Kg)	n.a	n.a	n.a	1,640	0
Cordyceps (Kg)	n.a	n.a	n.a	n.a	0
Cordyceps (Nu.)	n.a	n.a	n.a	n.a	0
Sand (Truck load)	833	932	898	244	1405
Stones (Truck load)	737	1,066	2,132	1,421	3761
Bamboo (Number)	2,735	5,172	2,473	6,640	9053
Cane (Bundles)	na	8	na	8	8
Lemon grass (Kg)	N.A	N.A	N.A	N.A	N.A
Mining Sites (Number)	0	0	0	0	0
Quarry Sites	0	1	1	2	3**
Municipal Waste Disposal Sites	1	1	1	1	1
Environmental Clearance Issued	11	9	16	30	11

Note: Cordyceps amount collected only for auction royalty charges.

* The figures are in numbers.

** Quarry sites includes both stone and sand quarry

Source: ¹Divisional Forest, ²Thromsingla National Park, Trongsa Dzongkhag

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

Stations	2009		2010		2011	
	Installed generating capacity (MW)	Peak generation (MU)	Installed capacity (MW)	Peak generation (MU)	Installed capacity (MW)	Peak generation (MU)
Kingarabten Micro Hydel	30	30 105780	30	30 99840	0.03	0.03 0.48789
Sherabling Micro Hydel	50	33 54924	50	22 56040	0.05	0.025 0.0808
Tangsibji Micro Hydel	30	20 415232	30	20 41904	0.03	0.023 0.051206
Diesel generation stations						

Source : BPC, Trongsa Dzongkhag.

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

Details	2009	2010	2011
Total number of household in Urban	568	579	589
Total number of household in Rural	2381	2424	2468

Note: Household size calculated using ratio method taking the proportion of 2005 actual households.

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

	2009	2010	2011	2012
new buildings	6	2	9	4
Trongsa Twon				

Source: Dzongkhag Municipal, Trongsa Dzongkhag Dzongkhag

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

Details	2009	2010	2011	2012
Industries by type (Number)	6	6	9	13
Agro based	2	3	4	4
Forestry based	4	3	4	6
Mineral based	0	0	1	3
Others	0	0	0	0
Industries by scale (Number)	6	6	9	13
Large	0	0	0	0
Medium	0	0	0	0
Small	0	0	1	3
Cottage	6	6	8	10
Contract firms (Number)	57	64	69	79
Large	0	0	0	0
Medium	0	0	0	9
Small	57	64	69	70

Source: Regional Trade Office, Trongsa Dzongkhag.

Note: Contract firms C and D are put under Small Contract firms.

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

Details	(Number)					
	2007	2008	2009	2011	2011	2012
Trade and Industries						
Micro & retail trade licences issued	40	59	54	510	570	647
Micro & retail trade licences in operation	145	171	231	249	309	307
Wholesale trade licences issued	0	0	3	15	15	16
Wholesale trade licences in operation	1	1	4	3	3	2
Services licences issued	12	15	95	423	441	474
Services licences in operation	184	165	268	207	225	295
Manufacturing licences issued	0	1	1	14	17	22
Manufacturing licences in operation	4	4	5	6	9	13

Source: Regional Trade Office, Trongsa Dzongkhag.

Note : The license operation are in cumulative.

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

Details	(Number)				
	2007	2008	2009	2010	2011
Public Service Transport					
Bus	1	1	3	3	3
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	2	2	2	3	4
Bus stations	1	1	1	1	1

Source: RSTA Regional Office, Trongsa Dzongkhag

Table 66: Roads and Bridges, Trongsa Dzongkhag, (2007~2011)

Details	(Number)				
	2007	2008	2009	2010	2011
Roads (Length in Km)	217.1	243.0	283.1	286.52	311.02
Farm roads ¹	29	55	95	98.32	122.82
Feeder roads ²	24.2	24.0	24.2	24.2	24.2
Forest roads ¹	0	0	0	0	0
Highways/Dzongkhag roads	164	164	164	164	164
Bridges (Number)	27	27	27	27	27
Suspension bridge ¹	4	4	4	4	4
Suspended ¹	7	7	7	7	7
Bailey bridges ²	15	15	15	15	15
Traditional bridges ¹	1	1	1	1	1

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

Note: Farm road length is as of June 2011.

Table 67. Telecommunications, Trongsa Dzongkhag, (2007 ~ 2011)

Telecommunications	(Number)				
	2007	2008	2009	2010	2011
Households with fixed telephone connections	480	577	505	578	621
Tashi cell users	n.a	n.a	n.a	n.a	n.a
B.mobile users	n.a	n.a	n.a	2,322	2,425
Community information centres	0	0	1	2	2
Gewogs accessible to mobile services	5	5	5	5	5
Households with internet access	49	81	98	112	141
Bhutan post office	1	1	1	1	1

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

Note: B.mobile users is that of sim card sold.

Table 68. Number of Establishment in Bnking and Finance, Trongsa Dzongkhag, (2009 ~ 2012)

Number of establishments	(number)			
	2009	2010	2011	2012
RICBL	0	1	1	1
BDBL	1	1	1	1
BNB	0	0	0	1
Druk PNB	0	0	0	0
T Bank	0	0	0	0
Bhutan insurance limited	0	0	0	0
BOB	1	1	1	1

Source: Financial Institutions, Trongsa Dzongkhag

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

Number of facilities	Number of account holders (2010)			
	Loan	savings	current	recurring deposit
RICB	42	0	0	0
BDFCL	733	517	2	79
BNB	0	0	0	0
PNB	0	0	0	0
T Bank	0	0	0	0
Bhutan insurance limited	0	0	0	0
BOB	482	2472	137	256
<hr/>				
Number of account holders as of September, 2012.				
Number of facilities	Number of account holders (2012)			
	Loan	savings	current	recurring deposit
RICB(as of Sept. 2012)	51	0	0	0
BDBL(as of June, 2012)	1082	1649	1	169
BNB (as f Sept. 2012)	0	83	3	10
PNB	0	0	0	0
T Bank	0	0	0	0
Bhutan insurance limited	0	0	0	0
BOB(as of August, 2012)	507	7127	267	481

Source: Financial Institutions, Trongsa Dzongkhag

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

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Drungkhags	0	0	0	0	0	0
Gewogs	5	5	5	5	5	5
Chiwogs	51	51	51	51	21	25
Villages	56	56	56	56	56	56
Households	2,843	2,896	2,949	3003	3057	
Towns	1	1	1	1	1	1
Number of Police stations	1	1	1	1	1	1

Note: Household size calculated using the ratio method by taking the proportion of household of PHCB 2005 and the respective year projected population.

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

Details	2007	2008	2009	2010	2011	2012
Number of children park	0	0	0	0	0	0
Number of hotels	10	10	10	10	10	11
Number of restaurants	3	3	8	8	8	8
Number of drayang	0	0	1	1	1	0
Number of discotheques	0	0	0	0	0	1
Number of foreign tourist visitors	n.a	n.a	n.a	n.a	n.a	n.a

Source: Administration Office, Trongsa Dzongkhag



**Annual Dzongkhag Statistics
2012**



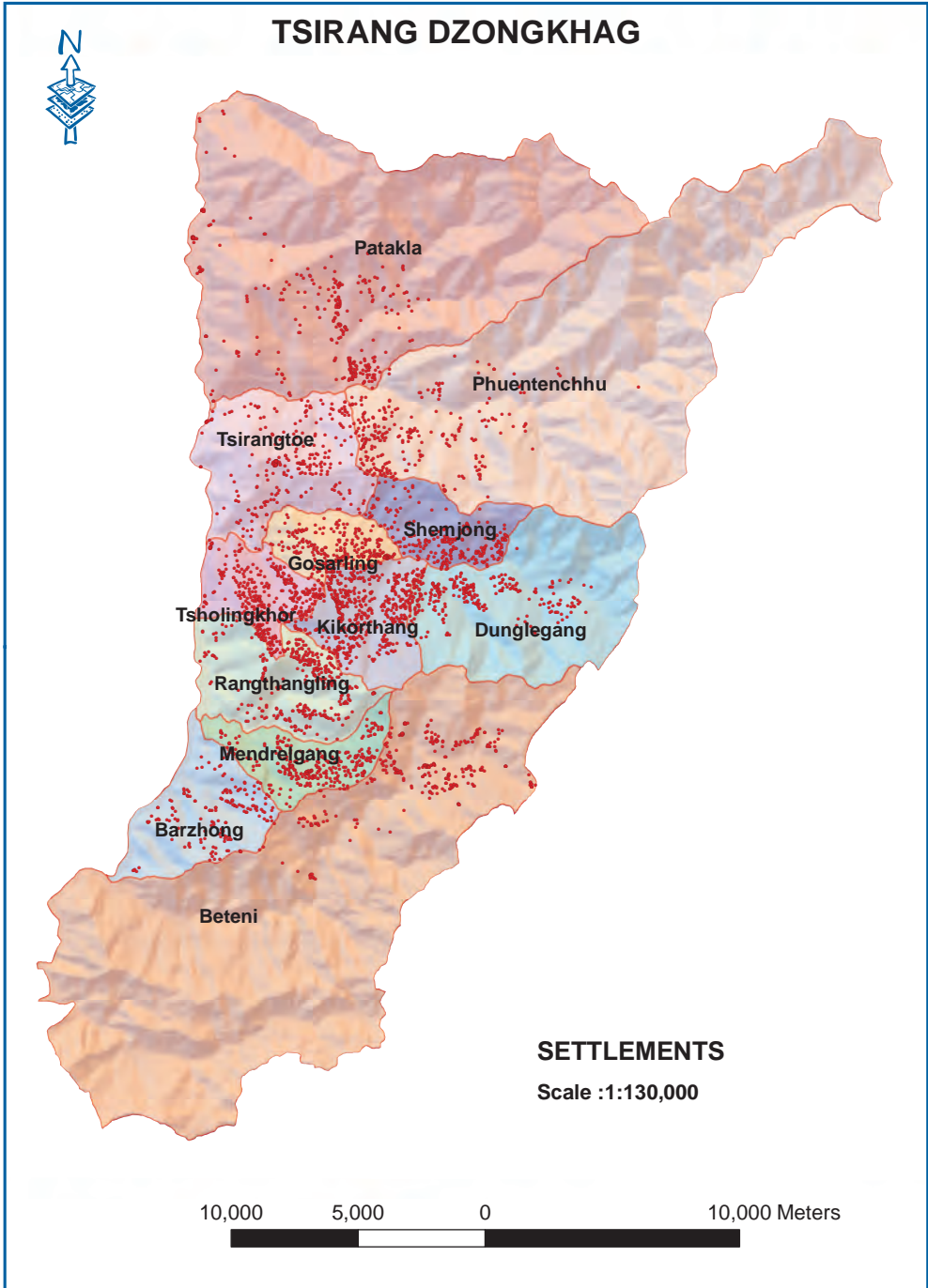
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Preface

The Annual Dzongkhag Statistics of Tsirang is the third in the series of publications. It attempts to provide comprehensive statistics of Tsirang 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, Tsirang 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
Tsirang**

Background

Tsirang Dzongkhag, encompassing a total area of 638.8 Sq.Km with an altitude ranging from 400-3600 meters above the sea level, has twelve Gewogs, namely Barshong, Patshaling, Dunlagang, Gosaling, Kikorthang, Mendrelgang, Sergithang, Phuentenchu, Rangthangling, Semjong, Tsholingkhar and Tsirangtoe. It is located along the Wangdue Phodrang - Sarpang National High way, making it easy access to business opportunities. All twelve gewogs are connected with road network.

As per the PHCB 2005, Tsirang has 3,651 households and a total population of 18,667 out of which, 17,001 live in the rural areas. The projected population for 2012, based on PHCB 2005, is 20,894.

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

The main source of income for the people of Tsirang are from citrus, poultry products, livestock farms, and more recently the organic-farming has become very popular with suitable climate and through the initiatives of RNR sectors. Vegetables are being sold to nearby districts; Sarpang and Thimphu.

All the gewogs are connected with electricity and Mobile services, changing the lifestyles of rural people, which may have very good impact on rural urban migration. Seven gewogs already have community information centres built and soon rest of the gewogs will have the community information centers in their gewogs, making the lives of rural people easy access for information and communication technology.

Indeed, the Dzongkhag is moving in line with its Vision, "An Economically Vibrant, Culturally Rich, Organic Dzongkhag with Peaceful and Knowledgeable Society Co-existing in Perpetual Harmony with the Pristine Environment".

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, Tsirang, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	18,667	18,979	19,294	19,612	19,933	20,254	20,576	20,894
0-4	1,944	2,010	2,138	2,265	2,391	2,513	2,499	2,480
5-9	1,986	1,975	1,925	1,883	1,847	1,819	1,948	2,076
10-14	2,413	2,126	2,095	2,058	2,020	1,983	1,930	1,885
15-19	2,220	2,089	2,099	2,105	2,106	2,098	2,080	2,054
20-24	1,812	1,961	1,979	1,995	2,010	2,025	2,039	2,053
25-29	1,471	1,757	1,794	1,827	1,858	1,886	1,911	1,933
30-34	1,098	1,461	1,512	1,566	1,618	1,666	1,710	1,749
35-39	1,041	1,221	1,254	1,289	1,327	1,370	1,418	1,471
40-44	915	992	1,028	1,066	1,105	1,143	1,180	1,215
45-49	890	817	839	862	889	918	952	989
50-54	726	674	692	712	732	753	775	798
55-59	602	553	565	579	594	611	628	647
60-64	520	446	455	466	476	488	500	514
65+	1,029	899	919	938	960	982	1,006	1,030
Male	9,517	9,660	9,807	9,956	10,107	10,261	10,413	10,565
0-4	1,014	979	1,042	1,105	1,167	1,228	1,221	1,212
5-9	1,009	967	941	919	901	887	951	1,014
10-14	1,187	1,049	1,032	1,013	993	973	946	923
15-19	1,103	1,046	1,046	1,046	1,043	1,037	1,026	1,012
20-24	955	1,013	1,015	1,016	1,017	1,019	1,021	1,024
25-29	749	923	940	956	969	979	987	992
30-34	571	777	802	828	853	877	898	918
35-39	519	651	669	687	707	729	754	781
40-44	397	522	543	565	587	609	629	648
45-49	451	426	437	450	464	481	500	522
50-54	369	349	359	369	380	391	403	415
55-59	338	285	291	299	306	315	324	334
60-64	283	228	233	238	243	249	256	262
65+	572	447	456	465	475	486	497	510

Female	9,150	9,318	9,487	9,656	9,825	9,993	10,162	10,329
0-4	930	1,031	1,096	1,160	1,224	1,285	1,278	1,268
5-9	977	1,008	984	963	946	932	997	1,062
10-14	1,226	1,076	1,063	1,046	1,028	1,009	984	962
15-19	1,117	1,043	1,052	1,059	1,062	1,060	1,054	1,042
20-24	857	948	964	979	993	1,006	1,018	1,029
25-29	722	834	853	871	889	906	924	941
30-34	527	685	711	738	764	789	811	832
35-39	522	570	585	601	619	640	664	691
40-44	518	470	485	502	518	535	551	567
45-49	439	391	402	412	424	437	452	468
50-54	357	324	333	342	352	362	373	383
55-59	264	268	274	281	288	296	304	313
60-64	237	218	223	228	233	239	245	251
65+	457	453	463	473	485	496	509	521

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, Tsirang, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	18,667	18,979	19,294	19,612	19,933	20,254	20,576	20,894
Population density (Persons per Sq. Km)	29	30	30	31	31	32	32	33
Population sex ratio	100	100	100	100	100	100	100	100

Source: Dzongkhag Population Projection 2006-2015

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

Age-group	2008	2009	2010	2011
Live births	348	296	297	313
Male	174	151	149	139
Female	174	145	148	173
Total deaths	58	40	56	53
Male	29	20	28	27
Female	21	11	19	26
Infant deaths	5	3	1	1
Male	2	2	0	0
Female	3	1	1	1
Marriages certificate issued	199	436	374	138
Number of divorces	n.a	101	215	n.a

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Source: Dzongkhag Health Sector & Court, Tsirang Dzongkhag

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

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	60
Total fertility rate	2

Source: BMIS, 2010

Table 5. Early Childbearing, Tsirang, (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	8.9
Are pregnant with first child	4.5
Have begun childbearing	13.4
Have had a live birth before 15	0
Number of women age 15~19	89
% of women age 20~24 who have had a live birth before age 18	17.2
Number of women age 20~24	80

4 Source: BMIS, 2010

Table 6. Use of Contraception, Tsirang, (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	27.2
Percent of women (currently married or inunion) who are using	
Female sterilization	3.7
Male sterilization	13.8
IUD	2.4
Injectables	36.9
Implants	0.2
Oral contraceptive Pill	13.3
Male condom	2.4
Female condom	0.0
Foam/ jelly	0.0
Lactational amenorrhoea method (LAM)	0.0
Periodic abstinence/ rhythm	0.1
Withdrawal	0.0
Other	0.0
Any modern method	72.6
Any traditional method	0.1
Any method	72.8
Number of women currently married or in union	333

Source: BMIS, 2010

Table 7. Antenatal Care Provider, Tsirang, (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	4.2
Nurse/ midwife	58.3
HA/ BHW	35.1
Assistant clinical officer (ACO)	1.7
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	62

Source: BMIS, 2010

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Table 8. Number of Antenatal Care Visits, Tsirang, (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	2
2 Visits	3.3
3 Visits	12.5
4 or more visits	79.8
Missing/ DK	1.8
Total	100
Number of women who gave birth in the preceding 2 years	62

Source: BMIS, 2010

Table 9. Assistance During Delivery, Tsirang, (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		18.5
Nurse / Midwife		31.6
HA/BHW		20.3
Asst. clinical officer (ACO)		2.7
Traditional birth attendant		0
Village health worker		0
Relative / friend		26.8
Other/missing		0
No attendant		0
Total		100
Any skilled personnel		73.2
Percent delivered by C-section		5.8
Number of women who gave birth in preceding two years		62

Source: BMIS, 2010

Table 10. Place of Delivery, Tsirang, (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	73.1
Private sector health facility	0
Home	26.9
Other	0
Total	100
Delivered in health facility [1]	73.1
Number of women who gave birth in preceding two years	62

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Number of hospitals	1	1	1	1	1
Number of BHUs	4	4	4	4	6
BHU grade I	0	0	0	0	6
BHU grade II	4	4	5	5	0
Number of ORCs	17	17	16	16	17
Number of indigenous units	1	1	1	1	1
Number of doctors	1	1	1	1	1
Number of hospital/BHU beds	20	20	20	20	40
Persons per doctor	17,949	18,460	18,207	18,462	18,822
Persons per hospital bed	897	923	910	923	471
Total morbidity attendance	0	0	0	0	61,554
Health assistants	5	5	8	8	15
Basic health workers	5	5	4	4	5

Sister and nurses	n.a	n.a	8	10	14
Technicians	n.a	n.a	7	13	12
Indigenous dungtsho	1	1	1	1	1
Indigenous compounders/Menpas	1	1	1	1	1
Malaria workers	2	2	2	2	2
Village health workers	39	39	39	39	45
Number of children immunized					
Polio	442	377	373	333	n.a
DPTH	442	377	373	329	360
Measles	666	382	403	330	393
BCG	326	291	288	291	287
Others	n.a	n.a	n.a	344	n.a

Source: Dzongkhag Health Sector, Tsirang Dzongkhag

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

Average admission	2007	2008	2009	2010	2011
Hospital admission					
Total	n.a	n.a	873	1021	1177
Patient days	n.a	n.a	2,434	2016	3715
Average days	n.a	n.a	2.8	2	4
BHU admission	n.a	n.a	155	255	142

Source : Annual Health Bulletin, MoH

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

Details	2007	2008	2009	2010	2011
Surgeries					
Caesarian Section	n.a	n.a	0	0	0
General Abdominal	n.a	n.a	0	0	0
General Others	n.a	n.a	0	0	0
Orthopaedic extremities	n.a	n.a	0	0	0
Orthopaedic Others	n.a	n.a	0	0	0
Gynaecology	n.a	n.a	0	0	0
ENT	n.a	n.a	0	0	0
Eye	n.a	n.a	0	0	0

Source: Annual Health Bulletin, MoH

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

Dental Services	2007	2008	2009	2010	2011
Dental Services					
Prophylaxis	68	47	37	101	34
Scaling	4	4	2	0	0
Fillings	347	1393	956	596	491
Extractions	645	625	660	663	828
Others	871	1073	1,093	1,045	1648

Source: Annual Health Bulletin, MoH

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

Priority health problem/ Diseases	2007	2008	2009	2010	2011
Diarrhoea	2,203	3,685	1,202	1,194	1,028
Conjunctivitis	1,618	2,051	1,888	1,963	n.a
Dysentery	950	1,489	n.a	259	n.a
Typhoid	101	249	n.a	7	n.a
Sexually transmitted disease, excluding HIV/AIDS	18	26	n.a	27	n.a
Diabetes	388	599	n.a	n.a	n.a
Tuberculosis	16	3	6	11	n.a
Early syphilis	1	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, Tsirang Dzongkhag

Table 16. Child Disability, Tsirang, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	2
Delay in sitting standing or walking	1.4
Difficulty seeing, either in the daytime or at night	1.5
Appears to have difficulty hearing	1.9
No understanding of instructions	2.5
stiffness	2.5
Have fits, become rigid, lose consciousness	2.5
Not learning to do things like other children his/her age	5.5
No speaking cannot be understood in words	4.1
Appears mentally backward, dull, or slow	3.8
Speech is not normal	6.9
Number of children aged 3-9 years	304
Cannot name at least one object	34.4
Number of children aged 2 years	48
reported disability*	23.7
Number of children aged 2-9 years	352

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Tsirang, (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]	12.9
Weight for age: % below -3 sd [2]	3.3
Weight for age: Mean Z-Score (SD)	0.9
Weight for age: Number of children	178
Height for age: % below -2 sd [3]	28.4
Height for age: % below -3 sd [4]	7.2
Height for age: Mean Z-Score (SD)	-1.3
Height for age: Number of children	175
Weight for height: % below -2 sd [5]	5.3
Weight for height: % below -3 sd [6]	2.3
Weight for height: % above +2 sd	3.1
Weight for height: Mean Z-Score (SD)	-0.2
Weight for height: Number of children	181

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Tsirang, (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	71.4
Percentage who were first breastfed: Within one day of birth	94.7
Percentage who received a prelacteal feed	4.1
Number of last-born children in the two years preceding the	62

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Tsirang, (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	31.1
Exclusive breastfeeding	1.6
Predominant breastfeeding	5
Number of children age 0-35 months	116

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Tsirang, (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	10.2
Number of live births in the last 2 years	91.3
	62

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Tsirang, (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	63.2
3 doses, the last within prior 5 years	3.8
4 doses, the last within prior 10 years	0
5 or more doses during lifetime	0
Protected against tetanus [1]	67
Number of women with a live birth in the last 2 years	62

Source: BMIS, 2010

Table 22. Solid Fuel Use, Tsirang, (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	6.3
Liquefied Petroleum Gas (LPG)	15.4
Kerosene	0
Coal	1.4
Wood	76.9
Straw/Shrubs/Grass	0
No food cooked in household	0
Other	0
Total	100
Solid fuels for cooking	78.3
Number of household members	2208

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Tsirang, (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	10.9
Piped into compound	80.4
Piped to neighbor	4.2
Public outdoor tap	0.2
Protected well	0
Spring	0
Rainwater collection	0
Bottled water	0
Unimproved sources	
Unprotected well	0.1
Unprotected spring	1.7
Tanker-truck	0
Cart with small tank/drum	0.2
Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	2
Other	0.1
Total	100
Percentage using improved sources of drinking water	95.8
Number of household members	2208

Source: BMIS, 2010

Table 24. Household Water Treatment, Tsirang, (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	5.5
Boil	93.5
Add bleach / chlorine	0
Strain through a cloth	0.2
Use water filter	9.2
Solar disinfection	0
Let it stand and settle	0.6
Other	0
Don't know	0
Number of household members	2208
unimproved drinking water sources and using an appropriate drinking water sources	86.1
	93

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Tsirang, (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	95.6
Less than 30 minutes	0.1
30 minutes or more	0
Missing/DK	0.1
Users of unimproved drinking water sources	
Water on premises	1.9
Less than 30 minutes	1.3
30 minutes or more	1
Missing/DK	0
Total	100
members	2208

Source: BMIS, 2010

Table 26. Types of Sanitation Facilities, Tsirang, (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	0.1
Flush to septic tank(Without soak pit)	19.6
Flush to pit (latrine)	41.7
Flush to unknown place/not sure/DK where	0
Flush to septic tank (with soak pit)	3.9
Ventilated Improved Pit latrine (VIP)	0
Pit latrine with slab	1.9
Composing toilet	0.1
Unimproved sanitation facility	
Flush to somewhere else	0.1
Pit latrine without slab /open pit	28.7
Long drop latrine	0
Bucket	0
Other	0
Missing	0.1
Open defecation (no facility, bush, field)	
No facility,bush, field	3.7
Total	100
Number of household members	2,208

Source: BMIS, 2010

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

Details	2008										Total	
	CS	PS	TS	MS	HS	College	Pvt.	Other Inst.	NFE Centres	Daycare Centres		
Number of schools and institutions	7	3	2	1	1	1	0	0	0	36	0	50
Teaching staff												n.a
Bhutanese	134	n.a	n.a	n.a	n.a	N.A	N.A	N.A	n.a	n.a	n.a	n.a
Male	80	n.a	n.a	n.a	n.a	N.A	N.A	N.A	n.a	n.a	n.a	n.a
Female	54	n.a	n.a	n.a	n.a	N.A	N.A	N.A	n.a	n.a	n.a	n.a
Non-Bhutanese												
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
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
Temporary teachers												
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
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
Number of students												
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
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
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	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	n.a	n.a	n.a	N.A	N.A	N.A	n.a	n.a	n.a	n.a
2009												
Number of schools and institutions	7	3	2	1	1	1	0	0	0	37	1	52
Teaching staff												
Bhutanese	176	28	n.a	n.a	n.a	n.a	N.A	N.A	N.A	n.a	n.a	n.a
Male	108	20	n.a	n.a	n.a	n.a	N.A	N.A	N.A	n.a	n.a	n.a
Female	68	8	n.a	n.a	n.a	n.a	N.A	N.A	N.A	n.a	n.a	n.a
Non-Bhutanese	8	0	n.a	n.a	n.a	n.a	N.A	N.A	N.A	n.a	n.a	n.a
Male	7	0	n.a	31	21	N.A	N.A	N.A	N.A	n.a	n.a	n.a
Female	1	0	n.a	29	9	N.A	N.A	N.A	N.A	n.a	n.a	n.a
Temporary teachers												
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
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
Number of students	4,900	n.a	n.a	n.a	n.a	n.a	N.A	N.A	N.A	n.a	n.a	n.a
Male	2,463	n.a	n.a	n.a	n.a	n.a	N.A	N.A	N.A	n.a	n.a	n.a
Female	2,437	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

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2012	10	3	2	1	1	1	N.A	N.A	N.A	n.a	3	n.a
Number of schools and institutions												
Teaching staff												
Bhutanese	90	8	65	28	21		N.A	N.A	N.A	n.a	n.a	n.a
Male	71	6	34	16	14		N.A	N.A	N.A	n.a	n.a	n.a
Female	19	2	31	12	7		N.A	N.A	N.A	n.a	n.a	n.a
Non-Bhutanese	n.a	n.a	n.a	4	3		N.A	N.A	N.A	n.a	n.a	n.a
Male	n.a	n.a	n.a	2	3		N.A	N.A	N.A	n.a	n.a	n.a
Female	n.a	n.a	n.a	2	0		N.A	N.A	N.A	n.a	n.a	n.a
Temporary teachers												
Male	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
Number of students												
Male	2,385	147	1,884	800	n.a		N.A	N.A	N.A	n.a	n.a	n.a
Female	1,229	80	958	412	n.a		N.A	N.A	N.A	n.a	n.a	n.a
Student to teacher ratio	1,156	67	926	388	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

Source: Dzongkhag Education Sector, Tsirang Dzongkhag

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

Class	2008	2009	2010	2011	2012
Primary level					
Total	3231	3547	3716	3,884	3,827
Class PP	423	616	600	527	466
Class I	461	486	609	609	550
Class II	561	485	525	628	592
Class III	475	583	510	576	610
Class IV	483	476	571	563	589
Class V	464	453	489	527	535
Class VI	364	448	412	454	485
Male					
Class PP	193	320	358	268	233
Class I	207	245	571	326	283
Class II	285	248	477	330	217
Class III	237	306	562	293	321
Class IV	251	242	571	288	308
Class V	222	224	489	285	262
Class VI	182	224	412	221	260
Female					
Class PP	210	296	471	259	233
Class I	216	241	369	283	267
Class II	244	237	386	298	375
Class III	238	247	290	283	289
Class IV	247	234	119	275	281
Class V	233	229	156	242	273
Class VI	182	224	na	233	225
Secondary level					
Total	1563	1708	1755	2,008	2,201
Class VII	388	448	471	487	675
Class VIII	355	388	369	454	447
Class IX	320	355	394	404	450
Class X	243	320	290	414	357
Class XI	126	243	118	124	156
Class XII	131	131	113	125	116
Male					
Class VII	na	197	233	261	222
Class VIII	na	167	187	227	217
Class IX	na	170	181	201	219
Class X	na	120	146	193	188
Class XI	na	84	68	88	91
Class XII	na	88	100	72	77
Female					
Class VII	na	191	238	226	226
Class VIII	na	188	182	227	230
Class IX	na	170	205	203	231
Class X	na	115	144	221	169
Class XI	na	42	51	36	65
Class XII	na	43	56	53	39

Source: Dzongkhag Education Sector, Tsirang Dzongkhag

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

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total					
Age < 6 years	na	na	4	n.a	n.a
Age 6-12 years	na	na	2727	n.a	n.a
Age 13 & above	na	na	966	n.a	n.a
Male					
Age < 6 years	na	na	2	n.a	n.a
Age 6-12 years	na	na	1403	n.a	n.a
Age 13 & above	na	na	496	n.a	n.a
Female					
Age < 6 years	na	na	2	n.a	n.a
Age 6-12 years	na	na	1352	n.a	n.a
Age 13 & above	na	na	466	n.a	n.a
Student in LSS level (Class VII-VIII)					
Total					
Age < 13 years	na	na	40	n.a	n.a
Age 13-14 years	na	na	108	n.a	n.a
Age 15 & above	na	na	515	n.a	n.a
Male					
Age < 13 years	na	na	2	n.a	n.a
Age 13-14 years	na	na	28	n.a	n.a
Age 15 & above	na	na	235	n.a	n.a
Female					
Age < 13 years	na	na	0	n.a	n.a
Age 13-14 years	na	na	19	n.a	n.a
Age 15 & above	na	na	248	n.a	n.a
Students in MSS level (Class IX-X)					
Total					
Age < 15 years	na	na	15	n.a	n.a
Age 15-16 years	na	na	125	n.a	n.a
Age 17 & above	na	na	544	n.a	n.a
Male					
Age < 15 years	na	na	1	n.a	n.a
Age 15-16 years	na	na	6	n.a	n.a
Age 17 & above	na	na	221	n.a	n.a
Female					
Age < 15 years	na	na	0	n.a	n.a
Age 15-16 years	na	na	16	n.a	n.a
Age 17 & above	na	na	247	n.a	n.a
Students in HSS level (Class XI-XII)					
Total					
Age < 17 years	na	na	7	n.a	n.a
Age 17-18 years	na	na	68	n.a	n.a
Age 19 & above	na	na	176	n.a	n.a
Male					
Age < 17 years	na	na	4	n.a	n.a
Age 17-18 years	na	na	32	n.a	n.a
Age 19 & above	na	na	119	n.a	n.a
Female					
Age < 17 years	na	na	3	n.a	n.a
Age 17-18 years	na	na	36	n.a	n.a
Age 19 & above	na	na	57	n.a	n.a

Source: Education Sector, Tsirang Dzongkhag

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

Literacy Among Young Women	2010
Percentage literate	50.2
Percentage not known	0
Number of women age 15-24 years	169

Source: BMIS, 2010

Table 31. School Readiness, Tsirang, (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	2.1
Number of children attending first grade of primary school	63

Source: BMIS, 2010

Table 32. Primary School Entry, Tsirang, (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	73.3
Number of children of primary school entry age	51

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Tsirang, (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	99.1
Percent attending grade 2 last year who are attending grade 3 this year	97
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	95.9

Source: BMIS, 2010

Table 34. Education Gender Parity, Tsirang, (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	92.1
Primary school adjusted net attendance ratio (NAR), boys	92.9
Gender parity index (GPI) for primary school adjusted NAR	0.99
Secondary school adjusted net attendance ratio (NAR), girls	49.1
Secondary school adjusted net attendance ratio (NAR), boys	48.8
Gender parity index (GPI) for secondary school adjusted NAR	1.01

Source: BMIS, 2010

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

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy	1	1	1
Homicide	n.a	n.a	1
Assault,battery and related offences	23	48	23
Kidnapping and related offences	n.a	n.a	0
Sexual offence	n.a	n.a	2
Offence against infant,child,mentally dissabled and incompetent person	2	4	1
Arson and related offences	n.a	n.a	1
Burglary, trespass and related offences	1	8	3
Larceny,robbery, armed robbery and related offences	7	7	3
Money laundering and smuggling	0	0	0
Embezzlement and bribery	n.a	n.a	0
Forgery and related offences	n.a	n.a	0
Defamation and related offences	2	0	0
Treason,terrorism and related offences	0	0	0
Offences against cultural and national heritage	2	0	0
Offences against judicial authority	0	0	0
Prostitution and related offences	0	0	0
Offences against the public welfare	6	3	0
Offences related to public and civic duties	0	0	0
Offences related to public order and tranquillity	1	5	7
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	3	1	1
Motor vehicle offences	1	1	1
Others	0	0	8
Total crimes	49	78	52

Source: Royal Bhutan Police, Tsirang Dzongkhag

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

Month	(Incident)		
	2009	2010	2011
January	0	0	6
February	0	2	5
March	0	1	5
April	1	4	5
May	0	2	2
June	0	1	10
July	0	6	0
August	1	0	3
September	0	5	8
October	0	3	5
November	0	3	3
December	4	6	9
Total	6	33	61

Source: Royal Bhutan Police, Tsirang Dzongkhag

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

Details	(Incident)		
	2009	2010	2011
Mechanical fault	3	0	7
Drunk driving	0	9	9
Bad weather	0	9	15
Without licence	0	0	4
Unknown causes	0	0	1
Other causes	3	15	25
All causes	6	33	61

Source: Royal Bhutan Police, Tsirang Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Tsirang, (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	66.8
If she neglects the children	73.5
If she argues with him	17.7
If she refuses sex with him	11.4
If she burns the food	6
For any of these reasons	77.3
Number of women age 15-49 years	463

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Dzongkhag area (Sq. Km)	638.80	638.80	638.80	638.80	638.80
Total cultivated land (Acres) ¹	n.a	n.a	n.a	11635.9	n.a
Damages caused by landslides ²					
Farmland (acres)					
Houses (Number)	n.a	n.a	1	1	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	0	0	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	1	1	n.a
Houses damaged by earthquakes (Number)	n.a	n.a	n.a	26	n.a
Number of forest fires ³	n.a	n.a	5	2	n.a
Acreege destroyed by forest fires	n.a	n.a	1,917	1100	n.a
Acreege of reforestation ³	n.a	n.a	n.a	800	n.a
Houses/structures damaged by fires (Number) ³	n.a	n.a	4	2	n.a

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

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

Month/ Temperature	2010			2011		
	(Degree Celsius)			(Degree Celsius)		
	Maximum	Minimum	Average	Maximum	Minimum	Average
January	16	6	11	12.9	3.7	8.3
February	16	6	11	16.3	7.2	11.8
March	20	12	16	18.9	10.5	14.7
April	22	16	19	20.9	13.4	17.2
May	23	17	20	22.6	17.4	20
June	23	19	21	23.6	19.5	21.6
July	23	20	22	22.9	20	21.5
August	24	20	22	23.7	19.8	21.8
September	23	19	21	23.4	18.9	21.2
October	22	16	19	21.9	14.5	18.2
November	19	12	15	18.2	9.8	14
December	17	7	12	15.7	6.9	11.3
Annual	21	14	17	20.1	13.5	16.8

Source: SYB, NSB

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

Month/ Monthly Rainfall	2010		2011	
	Station		Station	
	Tsirang (A)		Tsirang (A)	
January	0		5.2	
February	3		11.2	
March	18		52.6	
April	54		54	
May	81		54.7	
June	522		240	
July	697		358.7	
August	249		246.2	
September	155		463.6	
October	58		29.6	
November	2		6.8	
December	0		0	
Annual	1838		1522.6	

Source: SYB, NSB

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

Details	2010
Forest coverage (%) ²	87.3
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, Tsirang, (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	4.7
Put / Rinsed into toilet or latrine	42.2
Put / Rinsed into drain or ditch	44.9
Thrown into garbage (solid waste)	4.5
Buried	0
Left in the open	3
Other	0.7
Total	100
Percentage of children whose stools were disposed of safely	46.9
Number of children age 0-2 years	116

Source: BMIS 2010

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

Details	2008	2011
Local governance (Number)		
Parliamentarians		
Male	2	2
Female	0	0
Gups		
Male	12	12
Female	0	0
Total gewog tshogpas ¹		
Male	n.a	39
Female	n.a	3
Total Mangmis ¹		
Male	12	12
Female	0	0
DYT members ²		
Male	n.a	23
Female	n.a	1
GYT members ¹		
Male	n.a	62
Female	n.a	4
Polling stations ²	n.a	60
Eligible voters (18 years and above) ²		
Male	n.a	9751
Female	n.a	9239
% of Voters turnout during election		
Male	n.a	6046
Female	n.a	5346
Total election staff in Dzongkhag		
Male	3	2
Female	0	1

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

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

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

Source: Election Office, Tsirang Dzongkhag

Table 46. Royal Government Finances Expenditures at Dzonkhag Level, Tsirang, (2008~2012)

Details	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	Total Expenditure 2008-2012	Total Expenditure 2008-2012
Sectors	n.a	n.a	n.a	n.a	n.a	n.a
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, Tsirang Dzongkhag

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

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	65.665
Agriculture	n.a	n.a	n.a	88.832
Livestock	n.a	n.a	n.a	12.27
Forestry	n.a	n.a	n.a	15.39
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	90.571
Urban development & housing	n.a	n.a	n.a	45.269
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	317.997

Source: Dzongkhag Administration, Tsirang

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

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, Tsirang Dzongkhag.

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

Sectors	(In million Nu.)			
	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	36.665
Agriculture	n.a	n.a	n.a	56.757
Livestock	n.a	n.a	n.a	5.216
Forestry	n.a	n.a	n.a	5.325
Education	n.a	n.a	n.a	
Health	n.a	n.a	n.a	11.135
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, Tsirang Dzongkhag

Table 50. Gewog 9th and 10th Five Year Plan by Expenditures, Tsirang
(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, Tsirang Dzongkhag

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

Details	(Number)					
	2008	2009	2010	2011	2012	
Total	n.a	n.a	n.a	13700	8704	
Male	n.a	n.a	n.a	6800	4521	
Female	n.a	n.a	n.a	6900	4183	
Rural Total	n.a	n.a	n.a	12900	7618	
Male	n.a	n.a	n.a	6400	3890	
Female	n.a	n.a	n.a	6600	3728	
Urban Total	n.a	n.a	n.a	800	1086	
Male	n.a	n.a	n.a	500	631	
Female	n.a	n.a	n.a	300	455	

Source: Labour Force Survey, MoLHR

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

Details	2009	2010	2011	2012
Total labour force (Number)	n.a	n.a	13,700	8,706
Total employed (%)	n.a	n.a	66.6	n.a
Male	n.a	n.a	6800	4522
Female	n.a	n.a	6900	4184
Unemployment rate	n.a	n.a	2.1	3.4
Total employed in Agriculture (%)	n.a	n.a	85.4	n.a
Male	n.a	n.a	5600	3057
Female	n.a	n.a	6100	3246
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	0	n.a
Total unemployed below grade XII	n.a	n.a	100.0	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	97.9	64.5
Male participation rate	n.a	n.a	79.9	66.9
Female participation rate	n.a	n.a	83.5	62.1

Source: Labour Force Survey, MoLHR

Table 53. Child Labour, Tsirang, (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	0.6
Unpaid work	1.1
Working for family business	32.2
Economic activity for at least one hour	33.3
Household chores less than 28 hours	47.7
Household chores for 28 hours or more	0
Child labour	
Number of children age 5-11	
Percentage of children age 12-14 involved in Economic activity	
Working outside household	
Paid work	1.9
Unpaid work	2.3
Working for family business	46.5
Economic activity less than 14 hours	44.7
Economic activity for 14 hours or more	4.1
Household chores less than 28 hours	66.3
Household chores for 28 hours or more	0.8
Child labour	
Number of children age 12-14	131
Total child labour [1]	25.2
Number of children age 5-14 years	464

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Tsirang, (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	25.2
Percentage of children attending school	83.3
Number of children age 5-14 years	464
Percentage of child labourers who are attending school	87.9
Number of children age 5-14 years involved in child labour	117
Percentage of children attending school who are involved in child labour	26.7
Number of children age 5-14 years attending school	386

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Paddy					
Area (Acres)	4,976	3,229	3,607.50	n.a	n.a
Production (MT)	4602	2631	5,708	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Maize					
Area (Acres)	6428	n.a	5464.8	n.a	n.a
Production (MT)	4607	n.a	5,734.15	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Wheat					
Area (Acres)	315	n.a	132.5	n.a	n.a
Production (MT)	90	n.a	86	n.a	n.a
Price per Kg(Nu.)					
Barley					
Area (Acres)	n.a	334	17.92	n.a	n.a
Production (MT)	n.a	141	7.17	n.a	n.a
Price per Kg(Nu.)			16.35		
Buckwheat					
Area (Acres)	524	n.a	245	n.a	n.a
Production (MT)	158	n.a	175	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Millet					
Area (Acres)	1752	na	700.8	n.a	n.a
Production (MT)	547	na	390.59	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	n.a	n.a	0	n.a	n.a	n.a	n.a	n.a
Production (Kg)	n.a	n.a	3.8	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
Oranges/ Mandarin								
Number of fruit bearing trees	111288	124902	1,19,000	n.a	n.a	n.a	n.a	n.a
Production (Kg)	13062	7803	6059.3	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
Banana								
Number of fruit bearing trees	27504	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Production (Kg)	513	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Price per Dozen(Nu.)	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Pear								
Number of fruit bearing trees	5095	n.a	3,000	n.a	n.a	n.a	n.a	n.a
Production (Kg)	224	n.a	240.1	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
Plum								
Number of fruit bearing trees	n.a	n.a	1000	n.a	n.a	n.a	n.a	n.a
Production (Kg)	2965	n.a	65.5	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	146	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Areca Nut								
Production (Pon)	n.a	n.a	0	n.a	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	0	n.a	n.a	n.a	n.a	n.a
Price per 80 Piece/ Pon(Nu.)								

Vegetables and Spices						
Potato						
Production (kg)	237	n.a	1,381.67	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)						
Chili						
Production (kg)	373	n.a	320.29	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)						
Onion						
Production (kg)	n.a	n.a	98.59	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)						
Cabbage						
Production (kg)	161	n.a	45.78	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)						
Cauliflower						
Production (kg)	91	n.a	23.26	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)						
Asparagus						
Production (Bundles)	12	n.a	3.53	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Price per bundle (Nu.)						
Tomato						
Production (Kg)	48	na	69.52	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a	n.a
Price per Kg(Nu.)						

Carrot								
Production (Kg)	34	na	12.79	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.)								
Egg Plant (Brinjal)								
Production (Kg)	24	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.)								
Raddish								
Production (Kg)	552	na	337.98	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.)								
Ginger								
Production (Kg)	458	na	170.87	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.)								
Cardamom								
Production (Kg)	57	na	11.64	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.)								
Garlic								
Production (Kg)	37	n.a	57.67	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
Oil seeds and legumes								
Lentils								
Production (Kg)	251	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

Mustards								
Production (Kg)	253	n.a	246.85	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
Beans								
Production (Kg)	373	n.a	226.12	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

Source: Agriculture Sector, Tsirang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Irrigation for agriculture					
Number of irrigation channels	n.a	220	n.a	n.a	n.a
Functional	n.a	171	n.a	n.a	n.a
Non-Functional	n.a	49.0	n.a	n.a	n.a
Total length of channels (Km)					
Area covered by irrigation	n.a	317.3	n.a	359.5	n.a
Number of households benefitted					
Number of food processing units	0	1	n.a	n.a	n.a
Number of agriculture mills ¹	54	55	n.a	n.a	n.a
Number of livestock product	0	0	n.a	n.a	n.a
Number of farmer association/groups					
Agriculture	0	0	n.a	7	n.a
Livestock	0	0	n.a	8	n.a
Forestry	0	13	n.a	23	n.a
Number of power tillers	42	56	n.a	n.a	n.a

Note: ¹Including two traditional mills

Source: Agriculture Sector, Tsirang Dzongkhag

Table 57: Livestock Population by Types, Tsirang, (2007-2011)

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle					
Local breed	7,261	7,548	8,333	8,382	n.a
Male	3,852	3,968	4,328	4,643	n.a
Female	3,409	3,580	4,005	3,739	n.a
Improved breed	4,350	4,831	4,669	4,800	n.a
Male	1,360	1,530	1,434	1,410	n.a
Female	2,990	3,301	3,235	3,390	n.a
Mithun	77	96	43	2	n.a
Bufallo	184	261	245	221	n.a
Male	45	67	62	51	n.a
Female	139	194	183	170	n.a
Horse	212	238	231	253	n.a
Local breed	210	234	227	251	n.a
Improved breed	2	4	4	2	n.a
Yak	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
Sheep	723	693	663	668	n.a
Local breed	n.a	n.a	n.a	303	n.a
Improved breed	n.a	n.a	n.a	365	n.a
Pig	1,382	1,721	1,994	815	n.a
Local breed	988	1,207	1,546	509	n.a
Improved breed	394	514	448	306	n.a
Poultry	15,195	21,443	34,713	57,204	n.a
Local breed	9,589	12,391	10,256	9,837	n.a
Improved breed	5,606	9,052	24,457	47,367	n.a
Goat	4,936	5,644	5,711	5,885	n.a

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Tsirang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	925,340	922,400	835,280	890,050	n.a
Price per liter (Nu.)	n.a	n.a	n.a	30	n.a
Butter (Kg)	25,780	31,950	31,000	16,800	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	300	n.a
Fresh Cheese (Kg)	208,760	303,100	120,160	157,730	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	25	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)	160,691	73,173	98,633	457,572	n.a
Price per piece (Nu.)	n.a	n.a	n.a	8	n.a
Fish (Kg)	n.a	1,600	1,630	4,210	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	120	n.a
Beef (Kg)	30,770	51,200	45,400	54,400	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	125	n.a
Pork (Kg)	32,260	32,400	33,380	26,700	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	160	n.a
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)	10,850	11,700	11,760	11,730	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)	47,250	34,460	16,580	60,150	n.a
Price per Kg (Nu.)	n.a	n.a	n.a	150	n.a

Source: Livestock Sector, Tsirang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Wood Forest Product¹					
Log Form (Cft)	n.a	n.a	n.a	n.a	16165.22
Price per Cft(Nu.)	n.a	n.a	n.a	n.a	0.80
Fire wood (Cubic metres)	5,031.61	6,456.06	n.a	n.a	n.a
Price per Cubic metre(Nu.)	119	745	n.a	n.a	767.00
Flag Poles (Number of trees)	n.a	n.a	n.a	n.a	2.00
Price per tree(Nu.)	2	2	n.a	n.a	n.a
Shinglap (Number of trees)	n.a	n.a	n.a	n.a	n.a
Price per tree(Nu.)	1,774	2,492	430	n.a	810.00
Cham (Number of trees)	n.a	n.a	n.a	n.a	30.00
Price per tree(Nu.)	2,145	2,122	5,135	n.a	1660.00
Tsim (Number of trees)	n.a	n.a	n.a	n.a	12.00
Price per tree(Nu.)					
Non-Wood Forest Product²					
Mushroom (Kg)	n.a	60	n.a	n.a	n.a
Mushroom (Nu.)	n.a	n.a	n.a	n.a	n.a
Medicinal and Aromatic plants (Kg)					
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)	654	430.5	589	n.a	162.00
Price per cft(Nu.)	n.a	n.a	n.a	n.a	40.00
Stones (Truck load)	765	912.5	1,012	n.a	1795.00
Price per cft(Nu.)	n.a	n.a	n.a	n.a	40.00
Bamboo (Number)	5,394	1,955	4,625	n.a	4016.00
Price per piece (Nu.)	n.a	n.a	n.a	n.a	1.60

Cane (Piece)	4	27	171	n.a	282.00
Price per piece (Nu.)	n.a	n.a	n.a	n.a	4.00
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	1	1	2	2	2
Municipal Waste Disposal Sites	1	1	1	1	1
Environmental Clearance Issued	3	8	27	8	29

Note: Cordyceps amount collected only for auction royalty charges.

Source: ¹Divisional Forest, ²Thromsingla National Park, Tsirang.

Table 60. Electricity Generating Stations and Capacities, Tsirang, (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)
Chanchey Micro Hydel	0.2x2	0.07	5	0.2	0.05	4
Diesel generation stations						
Other diesel stations	n.a	n.a	n.a	n.a	n.a	n.a

Source: Department of Energy, MoEA, Tsirang.

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

Details	2009	2010	2011	2012
Total number of household in Urban	398	405	411	418
Total number of household in Rural	3500	3557	3613	3670

Sorce: BMIS, 2010

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

	2009	2010	2011	2012
new buildings				
Damphu	1	0	0	2

Source: Dzongkhag Municipal, Tsirang Dzongkhag.

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

Details	2009	2010	2011
Industries by type (Number)			
Agro based	0	0	0
Forestry based	1	1	2
Mineral based	2	2	0
Others	0	0	1
Industries by scale (Number)			
Large	0	0	0
Medium	0	0	0
Small	4	4	4
Cottage	24	47	57
Contract firms (Number)			
Large	n.a	0	0
Medium	n.a	0	0
Small	n.a	10	13

Source: Regional Trade Office, Gelephu.

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

Details	(Number)				
	2007	2008	2009	2010	2011
Trade and Industries					
Micro & retail trade licences issued	55	73	172	183	262
Micro & retail trade licences in operation	54	69	172	181	260
Wholesale trade licences issued	0	0	1	0	3
Wholesale trade licences in operation	0	0	1	0	3
Services licences issued	14	26	25	34	10
Services licences in operation	13	21	25	34	10
Manufacturing licences issued	2	2	3	0	3
Manufacturing licenses in operation	2	2	3	0	3

Source: Regional Trade Office, Gelephu.

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

Details	(Number)				
	2007	2008	2009	2010	2011
Public Service Transport					
Bus	3	3	5	13	n.a
Taxi	n.a	n.a	n.a	45	n.a
Motor vehicle registration					
Heavy	n.a	n.a	n.a	28	n.a
Medium	n.a	n.a	n.a	32	n.a
Small	n.a	n.a	n.a	355	n.a
Two wheeler	n.a	n.a	n.a	64	n.a
Auto Mobile workshop ³	1	1	1	2	3
Bus stations	1	1	1	1	1

Source: RSTA Regional Office, Tsirang.

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

Details	(Number)				
	2007	2008	2009	2010	2011
Roads (Length in Km)	n.a	180.4	216.4	220.20	246.50
Farm roads ¹	n.a	68.9	104.8	108.7	135
Feeder roads ²	n.a	25	25	25	25
Forest roads ¹	n.a	6.5	6.5	6.5	6.5
Highways/Dzongkhag roads	n.a	80	80	80	80
Bridges (Number)					
Suspension bridge ¹	10	11	12	12	12
Suspended ¹	6	7	7	7	7
Bailey bridges ²	n.a	1	1	1	2
Traditional bridges ¹	0	0	0	0	0

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

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

Telecommunications	(Number)					
	2007	2008	2009	2010	2011	2012
Households with fixed telephone connections	n.a	n.a	672	636	515	369
Tashi cell users	n.a	n.a	n.a	2,743	2,150	2,256
B.mobile users	n.a	n.a	n.a	n.a	16,123	18,955
Community information centres	0	0	0	0	7	7
Gewogs accessible to mobile services	0	0	12	12	12	12
Households with internet access	0	n.a	n.a	139	229	n.a
Bhutan post office	1	1	1	1	1	1

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

note:figures for B-mobile users are number of sim card distributed and T-cell users are approximate.

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

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

Source: Financial Institutions, Tsirang Dzongkhag

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

Number of facilities	Number of account holders (2010)				Number of account holders (2011)			
	Loan	savin gs	curre nt	recurring deposit	Loan	savin gs	curre nt	recurring deposit
RICBL	52	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
BDBL	1067	1313	2	31	33	1806	3	60
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	543	3365	218	n.a	567	3862	211	187

Source: Financial Institutions, Tsirang Dzongkhag

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

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Dzongkhags	N.A	N.A	N.A	N.A	N.A	N.A
Gewogs	12	12	12	12	12	12
Chiwogs	63	63	63	63	60	60
Villages	n.a	96	96	96	96	96
Households	n.a	n.a	3,898	3962	4024	4088
Towns	1	1	1	1	1	1
Number of Police stations	1	1	1	1	1	1

Source: Dzongkhag Administration, Tsirang Dzongkhag

Note: Number of chiwogs are based as per final delimitation order issued by Election Commission.

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

Details	2007	2008	2009	2010	2011	2012
Number of children park	0	1	1	1	1	1
Number of hotels	n.a	n.a	n.a	n.a	13	15
Number of restaurants	n.a	n.a	n.a	n.a	16	18
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, Tsirang Dzongkhag



**Annual Dzongkhag Statistics
2012**



**Dzongkhag Administration
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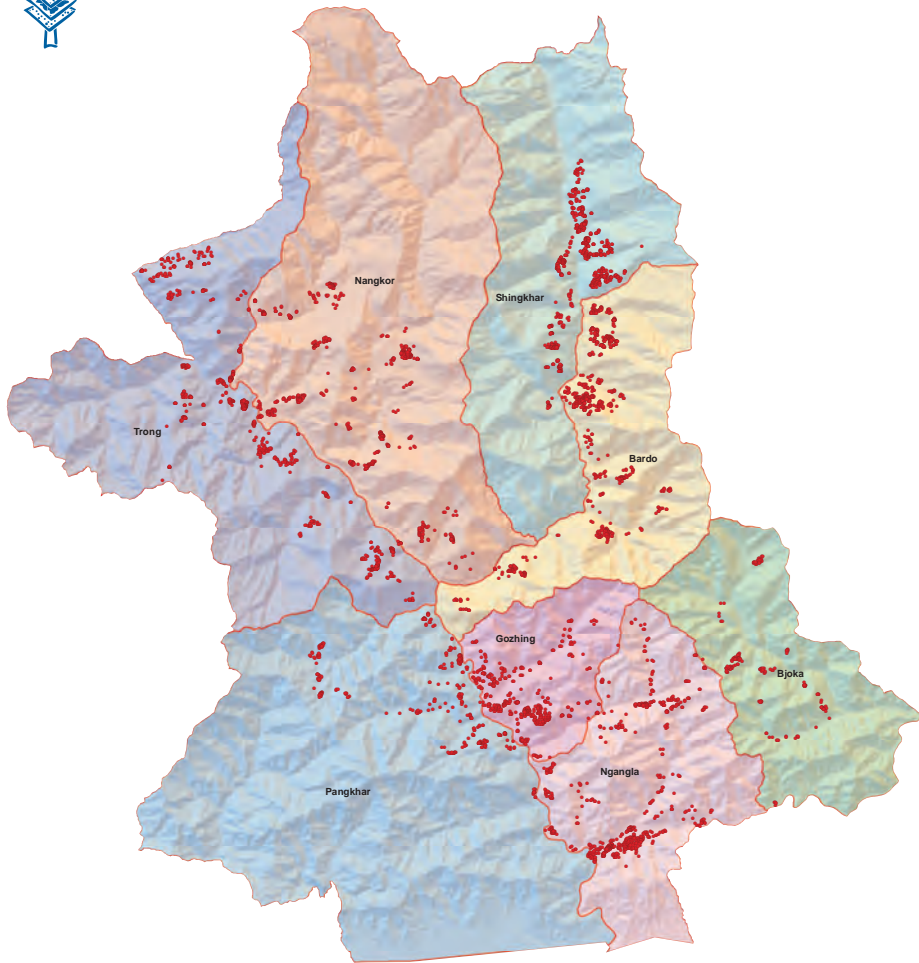
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ZHEMGANG DZONGKHAG



SETTLEMENTS

Scale:1:250,000

12,000 6,000 0 12,000 Meters



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Preface

The Annual Dzongkhag Statistics of Zhemgang is the third in the series of publications. It attempts to provide comprehensive statistics of Zhemgang 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, Zhemgang 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
Zhemgang**

Background

Zhemgang Dzongkhag has a total land area of 2421.74 km² with one Drungkhag viz. Panbang and eight Gewogs namely; Bardo, Bjoka, Goshing, Nangkor, Ngangla, Phangkhar, Shingkhari and Trong. For administrative convenience, the Drungkhag administration at Panbang looks after the four southern Gewogs viz; Bjoka, Goshing, Ngangla and Phangkhar.

Zhemgang is considered as one of the least developed Dzongkhags in the country. Most of its Gewogs are still not connected with the road network. Dzongkhag is divided into three ecological zones namely Upper Kheng, Middle Kheng and Lower Kheng. The livelihood for the people of the Kheng depends on agriculture and livestock farming. In recent years, mandarin cultivation in Lower Kheng as a source of cash income has been quite encouraging. However, the transportation has been the biggest hurdle for any business or developmental activities to be undertaken.

The forest covers 86 percent of the total area of the Dzongkhag. Zhemgang is also known for Royal Manas Park, which has been declared as one of the ten internationally recognized "Hot Spot" areas. The Dzongkhag shares the boundaries with Royal Manas Park and other protected areas under Jigme Singye Wangchuck and Thrimshingla National Parks.

The existence problems such as levels of illiteracy, infant and maternal mortality, shortage of skilled and unskilled manpower, limited arable land, limited accessibility to market and out-migration of youth and educated population exacerbated the situation.

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, Zhemgang, (2005 ~ 2012)

Age-group	2005	2006	2007	2008	2009	2010	2011	2012
Total	18,636	18,924	19,213	19,503	19,798	20,090	20,380	20,672
0-4	1,813	2,003	2,130	2,253	2,375	2,493	2,476	2,453
5-9	2,164	1,969	1,917	1,872	1,835	1,805	1,930	2,054
10-14	2,615	2,119	2,086	2,047	2,006	1,967	1,912	1,865
15-19	2,543	2,083	2,090	2,094	2,092	2,080	2,060	2,033
20-24	1,645	1,955	1,971	1,985	1,997	2,009	2,020	2,031
25-29	1,244	1,752	1,786	1,817	1,845	1,870	1,892	1,912
30-34	1,007	1,457	1,506	1,557	1,606	1,652	1,693	1,731
35-39	964	1,217	1,249	1,281	1,318	1,358	1,405	1,456
40-44	747	988	1,023	1,060	1,098	1,134	1,168	1,202
45-49	815	815	835	857	883	911	943	978
50-54	788	672	689	707	727	748	768	789
55-59	555	551	563	576	591	605	622	640
60-64	516	445	453	463	473	484	495	508
65+	1,220	898	915	934	952	974	996	1,020
Male	9,492	9,618	9,747	9,878	10,013	10,143	10,282	10,417
0-4	863	974	1,036	1,096	1,156	1,214	1,206	1,195
5-9	1,099	963	935	912	893	877	939	1,000
10-14	1,349	1,044	1,026	1,005	983	962	934	910
15-19	1,318	1,041	1,040	1,038	1,034	1,025	1,013	998
20-24	881	1,008	1,009	1,009	1,008	1,007	1,008	1,009
25-29	643	919	935	948	960	968	974	978
30-34	512	773	797	822	845	867	887	905
35-39	500	648	665	682	701	721	745	770
40-44	361	519	539	560	582	602	621	639
45-49	393	424	434	446	460	476	494	514
50-54	391	348	357	366	376	387	398	409
55-59	298	284	290	296	304	311	320	329
60-64	276	227	231	236	241	246	252	259
65+	608	446	453	462	470	480	491	502

Female	9,144	9,306	9,466	9,625	9,785	9,947	10,098	10,255
0-4	950	1,029	1,094	1,157	1,219	1,279	1,270	1,258
5-9	1065	1,006	982	960	942	928	991	1,054
10-14	1266	1,075	1,060	1,042	1,023	1,005	978	955
15-19	1225	1,042	1,050	1,056	1,058	1,055	1,047	1,035
20-24	764	947	962	976	989	1,002	1,012	1,022
25-29	601	833	851	869	885	902	918	934
30-34	495	684	709	735	761	785	806	826
35-39	464	569	584	599	617	637	660	686
40-44	386	469	484	500	516	532	547	563
45-49	422	391	401	411	423	435	449	464
50-54	397	324	332	341	351	361	370	380
55-59	257	267	273	280	287	294	302	311
60-64	240	218	222	227	232	238	243	249
65+	612	452	462	472	482	494	505	518

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, Zhemgang, (2005 ~ 2012)

Details	2005	2006	2007	2008	2009	2010	2011	2012
Population (Number)	18,636	18,924	19,213	19,503	19,798	20,090	20,380	20,672
Population density (Persons per Sq. Km)	9	9	9	9	9	9	10	10
Population sex ratio	1.04	1.03	1.03	1.03	1.02	1.02	1.02	1.02

Source: Dzongkhag Population Projection 2006-2015

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

Age-group	2008	2009	2010	2011
Live births	368	371	329	n.a
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a
Total deaths	71	99	114	n.a
Male	n.a	n.a	n.a	n.a
Female	n.a	n.a	n.a	n.a
Infant deaths	4	4	7	n.a
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

ω

Source: Dzongkhag Health Sector & Court, Zhemgang Dzongkhag

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

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	150
Total fertility rate	4.1

Source: BMIS, 2010

Table 5. Early Childbearing, Zhemgang, (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.		2010
Details		
% of women age 15~19		
Have had a live birth		25.2
Are pregnant with first child		7.6
Have begun childbearing		32.8
Have had a live birth before 15		2.7
Number of women age 15~19		42
% of women age 20~24 who have had a live birth before age 18		20.8
Number of women age 20~24		63

Source: BMIS, 2010

Table 6. Use of Contraception, Zhemgang, (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	39.3
Percent of women (currently married or inunion) who are using	
Female sterilization	1.9
Male sterilization	7.3
IUD	2.4
Injectables	41.2
Implants	-
Oral contraceptive Pill	5.4
Male condom	2.2
Female condom	.0
Foam/ jelly	.0
Lactational amenorrhoea method (LAM)	.0
Periodic abstinence/ rhythm	.0
Withdrawal	.0
Other	0.2
Any modern method	60.4
Any traditional method	0.2
Any method	60.7
Number of women currently married or in union	262

Source: BMIS, 2010

Table 7. Antenatal Care Provider, Zhemgang, (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	13.5
Nurse/ midwife	49.1
HA/ BHW	29.2
Assistant clinical officer (ACO)	.0
Traditional birth attendant	0.6
Village health worker	.0
Other/ missing	.0
No antenatal care received	7.6
Total	100
At Least once by skilled personnel	91.9
Number of women who gave birth in the preceding 2 years	82

0

Source: BMIS, 2010

Table 8. Number of Antenatal Care Visits, Zhemgang, (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	7.6
1 Visits	4.5
2 Visits	9.4
3 Visits	20.4
4 or more visits	58.2
Missing/ DK	.0
Total	100
Number of women who gave birth in the preceding 2 years	82

Source: BMIS, 2010

Table 9. Assistance During Delivery, Zhemgang, (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	16.7
Nurse / Midwife	15.4
HA/BHW	4.7
Asst. clinical officer (ACO)	0.9
Traditional birth attendant	0.0
Village health worker	.0
Relative / friend	48.6
Other/missing	12.6
No attendant	1.14
Total	100
Any skilled personnel	37.7
Percent delivered by C-section	3.7
Number of women who gave birth in preceding two years	82

Source: BMIS, 2010

Table 10. Place of Delivery, Zhemgang, (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	36.9
Private sector health facility	.0
Home	62.7
Other	0.5
Total	100
Delivered in health facility [1]	36.9
Number of women who gave birth in preceding two years	82

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Number of hospitals	1	1	1	1	1
Number of BHUs	14	14	14	14	14
BHU grade I	2	2	2	2	2
BHU grade II	12	12	12	12	12
Number of ORCs	28	28	28	28	28
Number of indigenous units	1	1	3	3	3
Number of doctors	2	2	2	3	3
Number of hospital/BHU beds	54	54	54	54	54
Persons per doctor	9,607	9,752	9,899	6,697	6,793
Persons per hospital bed	356	361	367	372	377
Total morbidity attendance	48,711	49,135	51,759	60,891	
Health assistants	15	19	20	26	26
Basic health workers	6	6	5	5	5
Sister and nurses	9	9	13	11	11
Technicians	9	11	15	14	14
Indigenous dungtsho	1	1	1	1	1
Indigenous compounders/Menpas	1	1	13	4	4
Malaria workers	1	1	1	-	-
Village health workers	45	51	51	51	51
Number of children immunized					
Polio	415	388	379	381	n.a
DPTH	416	385	375	384	n.a
Measles	377	447	381	386	n.a
BCG	366	325	286	262	n.a
Others	n.a	n.a	n.a	n.a	n.a

Source: Dzongkhag Health Sector, Zhemgang Dzongkhag

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

Average admission	2007	2008	2009	2010	2011
Hospital admission					
Total	1017	1190	1350	1269	n.a
Patient days	4803	4885	5273	4443	n.a
Average days	4.7	4.1	3.9	3.5	n.a
BHU admission	99	116	108	152	n.a

Source : Annual Health Bulletin, MoH

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

Details	2007	2008	2009	2010	2011
Surgeries					
Caesarian Section	1	0	0	0	n.a
General Abdominal	0	0	4	0	n.a
General Others	56	25	48	10	n.a
Orthopaedic extremities	5	1	11	6	n.a
Orthopaedic Others	14	12	7	0	n.a
Gynaecology	8	7	2	0	n.a
ENT	11	0	0	2	n.a
Eye	11	20	0	0	n.a

Source: Annual Health Bulletin, MoH

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

Dental Services	2007	2008	2009	2010	2011
Prophylaxis	16	28	12	41	n.a
Scaling	9	9	2	9	n.a
Fillings	149	173	66	248	n.a
Extractions	181	242	83	317	n.a
Others	269	240	83	500	n.a

Source: Annual Health Bulletin, MoH

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

Priority health problem/ Disease	2007	2008	2009	2010	2011
Diarrhoea	2,713	2,577	2,695	2,099	n.a
Conjunctivitis	2,836	1,977	1,549	3,506	n.a
Dysentery	980	534	718	353	n.a
Typhoid	25	104	169	-	n.a
Sexually transmitted disease, excluding HIV/AIDS	94	57	99	8	n.a
Diabetes	12	15	14	24	n.a
Tuberculosis	14	8	9	21	n.a
Early syphilis	n.a	6	5	n.a	n.a
Cholera	n.a	n.a	n.a	n.a	n.a
Tetanus	n.a	n.a	n.a	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, Zhemgang, Dzongkhag

Table 16. Child Disability, Zhemgang, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	1.9
Difficulty seeing, either in the daytime or at night	11.3
Appears to have difficulty hearing	10.3
No understanding of instructions	2.7
stiffness	2
Have fits, become rigid, lose consciousness	2.4
Not learning to do things like other children his/her age	3.4
No speaking cannot be understood in words	4.2
Appears mentally backward, dull, or slow	1.4
Speech is not normal	6.2
Number of children aged 3-9 years	253
Cannot name at least one object	18.9
Number of children aged 2 years	45
reported disability*	25.1
Number of children aged 2-9 years	298

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Zhemgang, (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]	15.9
Weight for age:	% below -3 sd [2]	6.1
Weight for age:	Mean Z-Score (SD)	-0.8
Weight for age:	Number of children	165
Height for age:	% below -2 sd [3]	42.8
Height for age:	% below -3 sd [4]	18.6
Height for age:	Mean Z-Score (SD)	-1.7
Height for age:	Number of children	158
Weight for height:	% below -2 sd [5]	8.8
Weight for height:	% below -3 sd [6]	3.3
Weight for height:	% above +2 sd	11.4
Weight for height:	Mean Z-Score (SD)	0.2
Weight for height:	Number of children	156

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Zhemgang, (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		99.5
Percentage who were first breastfed: Within one hour of birth		81.0
Percentage who were first breastfed: Within one day of birth		95.1
Percentage who received a prelacteal feed		1.9
Number of last-born children in the two years preceding the		82

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Zhemgang, (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	26.7
Exclusive breastfeeding	1.5
Predominant breastfeeding	4.4
Number of children age 0-35 months	119

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Zhemgang, (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	8.1
Number of live births in the last 2 years	44.6
	82

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Zhemgang, (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	39.7
3 doses, the last within prior 5 years	37.6
4 doses, the last within prior 10 years	0.5
5 or more doses during lifetime	1.5
Protected against tetanus [1]	.0
Number of women with a live birth in the last 2 years	79.2
	82

Source: BMIS, 2010

Table 22. Solid Fuel Use, Zhemgang, (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	29.1
Liquefied Petroleum Gas (LPG)	7.0
Kerosene	0.1
Coal	0.5
Wood	63.3
Straw/Shrubs/Grass	0.0
No food cooked in household	0.0
Other	0.0
Total	100
Solid fuels for cooking	63.7
Number of household members	1800

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Zhemgang, (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	10.1
Piped into compound	41.1
Piped to neighbor	21.0
Public outdoor tap	18.6
Protected well	0.1
Spring	0.2
Rainwater collection	0.0
Bottled water	0.0
Unimproved sources	
Unprotected well	0.0
Unprotected spring	1.2
Tanker-truck	0.0
Cart with samll tank/drum	0.0
Surface water (river, stream, dam, lake,pond,canal,irrigatio n channel)	7.8
Other	0.0
Total	100.0
Percentage using improved sources of drinking water	91.0
Number of household members	1800

Source: BMIS, 2010

Table 24. Household Water Treatment, Zhemgang, (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	55.5
Boil	42.6
Add bleach / chlorine	0.0
Strain through a cloth	0.8
Use water filter	11.6
Solar disinfection	0.0
Let it stand and settle	2.0
Other	0.0
Don't know	0.0
Number of household members unimproved drinking water sources and using an appropriate drinking water sources	1800.0 7.6 163

Source: BMIS, 2010

Table 25. Time to Source of Drinking Water, Zhemgang, (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	88.8
Water on premises	1.2
Less than 30 minutes	0.8
30 minutes or more	0.1
Missing/DK	
Users of unimproved drinking water sources	3.0
Water on premises	3.4
Less than 30 minutes	2.6
30 minutes or more	0.0
Missing/DK	100.0
Total members	1800

Source: BMIS, 2010

Table 26. Types of Sanitation Facilities, Zhemgang, (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	0.1
Flush to septic tank(Without soak pit)	27.2
Flush to pit (latrine)	4.1
Flush to unknown place/not sure/DK where	0.0
Flush to septic tank (with soak pit)	1.1
Ventilated Improved Pit latrine (VIP)	0.1
Pit latrine with slab	10.4
Composing toilet	0.4
Unimproved sanitation facility	
Flush to somewhere else	0.2
Pit latrine without slab /open pit	47.0
Long drop latrine	3.7
Bucket	0.0
Other	0.0
Missing	0.0
Open defecation (no facility, bush, field)	
No facility,bush, field	5.8
Total	100.0
Number of household members	1800

Source: BMIS, 2010

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

Details	CS	PS	LS	MS	HS	College	Pvt.	Other Inst.	NFE Centres	Daycare Centres	Total	
2008												
Number of schools and institutions				4	1	1	0	1	0	n.a	0	31
Teaching staff	9	15	74	72	21	26	-	7	-	-	-	221
Bhutanese	21	74	64	20	17	17	N.A	2	N.A	n.a	N.A	198
Male	19	63	43	17	14	14	N.A	2	N.A	n.a	N.A	158
Female	2	11	21	3	3	3	N.A	-	N.A	n.a	N.A	40
Non-Bhutanese	-	-	-	8	1	9	N.A	5	N.A	n.a	N.A	23
Male	-	-	-	5	1	6	N.A	5	N.A	n.a	N.A	17
Female	-	-	-	3	-	3	N.A	-	N.A	n.a	N.A	6
Temporary teachers	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	-
Female	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	408	1,938	1,824	447	754	415	N.A	36	N.A	n.a	N.A	5,407
Male	190	1,009	958	246	415	17	N.A	17	N.A	n.a	N.A	2,835
Female	218	929	866	201	339	19	N.A	19	N.A	n.a	N.A	2,572
Student to teacher ratio	19	26	25	25	21	29	N.A	5	N.A	n.a	N.A	52
2009												
Number of schools and institutions	7	18	3	3	2	1	0	1	0	20	0	52
Teaching staff	17	82	53	48	37	20	N.A	9	N.A	20	N.A	257
Bhutanese	17	81	48	37	31	14	N.A	2	N.A	20	N.A	225
Male	14	70	30	31	14	14	N.A	2	N.A	n.a	N.A	161
Female	3	11	18	6	6	6	N.A	-	N.A	n.a	N.A	44
Non-Bhutanese	-	1	5	11	11	8	N.A	7	N.A	-	N.A	32
Male	-	1	2	4	4	5	N.A	7	N.A	-	N.A	19
Female	-	-	3	7	7	3	N.A	-	N.A	-	N.A	13
Temporary teachers	n.a	n.a	n.a	n.a	n.a	n.a	N.A	n.a	N.A	n.a	N.A	0
Male	n.a	n.a	n.a	n.a	n.a	n.a	N.A	n.a	N.A	n.a	N.A	0
Female	n.a	n.a	n.a	n.a	n.a	n.a	N.A	n.a	N.A	n.a	N.A	0
Number of students	354	2,217	1,217	800	719	342	N.A	119	N.A	342	N.A	5,850
Male	163	1,153	621	454	392	97	N.A	67	N.A	97	N.A	2,947
Female	191	1,146	596	346	327	245	N.A	52	N.A	245	N.A	2,903
Student to teacher ratio	21	28	23	23	17	26	N.A	13	N.A	17	N.A	52
2010												
Number of schools and institutions	7	17	3	3	1	0	0	1	0	n.a	0	32
Teaching staff	19	81	52	56	27	18	N.A	9	N.A	0	N.A	244
Bhutanese	19	80	47	49	18	14	N.A	2	N.A	-	N.A	215
Male	17	65	29	37	14	14	N.A	2	N.A	-	N.A	164
Female	2	15	18	12	4	4	N.A	-	N.A	-	N.A	51

Non-Bhutanese	-	1	5	7	9	9	N.A	7	N.A	-	N.A	N.A	29
Male	-	1	2	4	6	6	N.A	7	N.A	-	N.A	N.A	20
Female	-	-	3	3	3	3	N.A	-	N.A	-	N.A	N.A	9
Temporary teachers	-	-	-	-	-	-	N.A	-	N.A	-	N.A	N.A	0
Male	n.a	n.a	n.a	n.a	n.a	n.a	N.A	n.a	N.A	-	N.A	N.A	0
Female	n.a	n.a	n.a	n.a	n.a	n.a	N.A	n.a	N.A	-	N.A	N.A	0
Number of students	329	2,071	1,157	1,183	668	1,183	N.A	128	N.A	-	N.A	N.A	5,536
Male	150	1,000	592	619	360	619	N.A	70	N.A	-	N.A	N.A	2,791
Female	179	1,071	565	564	308	564	N.A	58	N.A	-	N.A	N.A	2,745
Student to teacher ratio	17	26	22	21	25	25	N.A	14	N.A	-	N.A	N.A	
2011													
Number of schools and institutions	10	15	3	3	1	1	N.A	1	N.A	32	N.A	n.a	65
Teaching staff	27	98	53	58	27	27	N.A	13	N.A	32	N.A	n.a	308
Bhutanese	14	75	46	43	17	17	N.A	n.a	N.A	32	N.A	n.a	227
Male	12	65	28	32	13	13	N.A	n.a	N.A	10	N.A	n.a	160
Female	2	10	18	11	4	4	N.A	n.a	N.A	22	N.A	n.a	67
Non-Bhutanese	-	-	3	9	9	9	N.A	n.a	N.A	-	N.A	n.a	21
Male	-	-	1	6	4	4	N.A	n.a	N.A	-	N.A	n.a	11
Female	-	-	2	3	5	5	N.A	n.a	N.A	-	N.A	n.a	10
Temporary teachers	13	23	4	6	1	1	N.A	n.a	N.A	-	N.A	n.a	47
Male	8	18	1	5	1	1	N.A	n.a	N.A	-	N.A	n.a	33
Female	5	5	3	1	-	-	N.A	n.a	N.A	-	N.A	n.a	14
Number of students	483	1,859	1,168	1,314	552	552	N.A	117	N.A	455	N.A	n.a	5,948
Male	242	891	602	684	312	312	N.A	59	N.A	137	N.A	n.a	2,927
Female	241	968	566	630	240	240	N.A	58	N.A	318	N.A	n.a	3,021
Student to teacher ratio	18	19	22	23	20	20	N.A	9	N.A	14	N.A	n.a	
2012													
Number of schools and institutions		23	3	3	1	1	0	1	0	25	0	2	58
Teaching staff		124	51,00	64,00	25	25	N.A	10	N.A	25	N.A	4	303
Bhutanese		n.a	n.a	n.a	25	25	N.A	10	N.A	25	N.A	4	64
Male		n.a	n.a	n.a	n.a	n.a	N.A	n.a	N.A	12	N.A	-	12
Female		n.a	n.a	n.a	n.a	n.a	N.A	n.a	N.A	13	N.A	4	17
Non-Bhutanese		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	-	-
Female		n.a	n.a	n.a	n.a	n.a	N.A	n.a	N.A	-	N.A	-	-
Temporary teachers		18	1	-	n.a	n.a	N.A	n.a	N.A	-	N.A	-	19
Male		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	-	-
Number of students		2,192	1,125	1,366	458	458	N.A	130	N.A	281	N.A	62	5,614
Male		1,070	574	685	263	263	N.A	77	N.A	71	N.A	38	2,778
Female		1,122	551	681	195	195	N.A	53	N.A	210	N.A	24	2,836
Student to teacher ratio		18	22	21	18	18	N.A	13	N.A	11	N.A	16	119

Note: CPS and PS together for the year 2012

Source: Dzongkhag Education Sector, Zhemgang Dzongkhag

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

Class	2008	2009	2010	2011	2012
Primary level					
Total	3,685	3,578	3,462	3,374	n.a
Class PP	525	470	410	463	n.a
Class I	561	524	457	398	n.a
Class II	601	529	516	453	n.a
Class III	536	588	547	489	n.a
Class IV	525	519	564	596	n.a
Class V	472	509	487	512	n.a
Class VI	465	439	481	463	n.a
Male					
Total	1,882	1,790	1,659	1,649	n.a
Class PP	256	241	187	240	n.a
Class I	285	252	222	180	n.a
Class II	313	262	238	226	n.a
Class III	275	301	270	232	n.a
Class IV	256	257	276	300	n.a
Class V	245	250	240	251	n.a
Class VI	252	227	226	220	n.a
Female					
Total	1,803	1,788	1,803	1,725	n.a
Class PP	269	229	223	223	n.a
Class I	276	272	235	218	n.a
Class II	288	267	278	227	n.a
Class III	261	287	277	257	n.a
Class IV	269	262	288	296	n.a
Class V	227	259	247	261	n.a
Class VI	213	212	255	243	n.a
Secondary level					
Total	1,712	1,930	2,067	2,086	n.a
Class VII	410	473	435	447	n.a
Class VIII	391	430	450	425	n.a
Class IX	325	369	447	439	n.a
Class X	303	308	352	413	n.a
Class XI	144	187	194	151	n.a
Class XII	139	163	189	211	n.a
Male					
Total	953	1,060	1,050	1,122	n.a
Class VII	213	253	216	215	n.a
Class VIII	217	219	241	223	n.a
Class IX	173	196	242	238	n.a
Class X	155	164	199	215	n.a
Class XI	105	116	66	97	n.a
Class XII	90	112	86	134	n.a
Female					
Total	759	870	1,017	964	n.a
Class VII	197	220	219	232	n.a
Class VIII	174	211	209	202	n.a
Class IX	152	173	205	201	n.a
Class X	148	144	153	198	n.a
Class XI	39	71	128	54	n.a
Class XII	49	51	103	77	n.a

Source: Dzongkhag Education Sector, Zhemgang Dzongkhag

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

Details	2008	2009	2010	2011	2012
Students in primary school level (Class PP-VI)					
Total	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
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)					
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)					
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)					
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, Zhemgang Dzongkhag

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

Literacy Among Young Women	2010
Percentage literate	40.1
Percentage not known	0.0
Number of women age 15-24 years	105

Source: BMIS, 2010

Table 31. School Readiness, Zhemgang, (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	16.8
Number of children attending first grade of primary school	20

Source: BMIS, 2010

Table 32. Primary School Entry, Zhemgang, (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	52.5
Number of children of primary school entry age	31

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Zhemgang, (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	99.2
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	100.0
Percent who reach grade 6 of those who enter grade 0	98.1

Source: BMIS, 2010

Table 34. Education Gender Parity, Zhemgang, (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	91.5
Primary school adjusted net attendance ratio (NAR), boys	88.7
Gender parity index (GPI) for primary school adjusted NAR	1.03
Secondary school adjusted net attendance ratio (NAR), girls	55.2
Secondary school adjusted net attendance ratio (NAR), boys	62.5
Gender parity index (GPI) for secondary school adjusted NAR	0.88

Source: BMIS, 2010

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

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy	n.a	n.a	1
Homicide	n.a	n.a	0
Assault, battery and related offences	n.a	n.a	5
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	1
Larceny, robbery, armed robbery and related offences	n.a	n.a	1
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	1
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	3
Offences related to public and civic duties	n.a	n.a	1
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	2
Offences related to protected species, controlled and other harmful substances	n.a	n.a	0
Motor vehicle offences	n.a	n.a	7
Others	n.a	n.a	6
Total crimes	n.a	n.a	28

Source: Royal Bhutan Police, Zhemgang Dzongkhag

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

Month	(Incident)		
	2009	2010	2011
January	n.a	n.a	2
February	n.a	n.a	0
March	n.a	n.a	1
April	n.a	n.a	0
May	n.a	n.a	2
June	n.a	n.a	1
July	n.a	n.a	0
August	n.a	n.a	0
September	n.a	n.a	0
October	n.a	n.a	1
November	n.a	n.a	0
December	n.a	n.a	0
Total	n.a	n.a	7

Source: Royal Bhutan Police, Zhemgang Dzongkhag

Table 37. Causes of Motor Vehicle Accidents, Zhemgang, (2009-2011)

Details	(Incident)		
	2009	2010	2011
Mechanical fault	n.a	n.a	0
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	8
All causes	n.a	n.a	8

Source: Royal Bhutan Police, Zhemgang Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Zhemgang, (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	35.3
If she neglects the children	53.9
If she argues with him	36.5
If she refuses sex with him	13.5
If she burns the food	11.8
For any of these reasons	65.5
Number of women age 15-49 years	331

Source: BMIS, 2010

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

Details	2007	2008	2009	2010	2011
Dzongkhag area (Sq. Km)	2,421.74	2,421.74	2,421.74	2,421.74	2,421.74
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	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
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	n.a	n.a	n.a	n.a

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

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

Month/ Temperature	2010			2011		
	(Degree Celsius)			(Degree Celsius)		
	Maximum	Minimum	Average	Maximum	Minimum	Average
January	15.4	4.8	10.10	12	3	7.5
February	14.4	5.7	10.05	15.3	6.3	10.8
March	18.3	10.3	14.30	17.8	8.7	13.25
April	20.6	12.8	16.70	20.8	10.9	15.85
May	21.3	14.7	18.00	22.9	14.8	18.85
June	22.5	16.7	19.60	24.1	17.2	20.65
July	23	17.6	20.30	23.4	17.5	20.45
August	22.7	17.2	19.95	24.2	16.9	20.55
September	22.9	16.3	19.60	24.4	16.3	20.35
October	21	13.3	17.15	21.7	12.3	17
November	17.7	10	13.85	17.4	8.2	12.8
December	15	4.9	9.95	14.9	5.9	10.4
Annual	234.8	144.3	189.55	19.9	11.5	15.7

Source: SYB, NSB

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

Month/ Monthly Rainfall	2010			2011		
	Station			Station		
	Buli	Yabilaptsa	Zhemgang	Buli	Yabilaptsa	Zhemgang
January	n.a	n.a	n.a	-	25.8	11.5
February	n.a	n.a	n.a	-	23.4	12.5
March	n.a	n.a	n.a	-	54.8	40
April	n.a	n.a	n.a	-	210.2	63
May	n.a	n.a	n.a	-	112.8	86.5
June	n.a	n.a	n.a	-	180	276
July	n.a	n.a	n.a	-	581.2	185.5
August	n.a	n.a	n.a	-	393.2	184.7
September	n.a	n.a	n.a	-	35.8	277.1
October	n.a	n.a	n.a	-	0	6.9
November	n.a	n.a	n.a	-	0	29.9
December	n.a	n.a	n.a	-	0	0.8
Annual	n.a	n.a	n.a	-	1617.2	1174.4

Source: SYB, NSB

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

Details	2010
Forest coverage (%) ²	87.7
Number of snow fall at Dzongkhag headquarter	0
Number of Protected spring water sources ¹	n.a
Number of Lakes ¹	1

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

Table 43. Disposal of Childs Faeces, Zhemgang, (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	14.2
Put / Rinsed into toilet or latrine	21.9
Put / Rinsed into drain or ditch	60.8
Thrown into garbage (solid waste)	1.3
Buried	0.0
Left in the open	1.1
Other	0.8
Total	100.0
Percentage of children whose stools were disposed of safely	36.1
Number of children age 0-2 years	119

Source: BMIS 2010

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

Details	2008	2011
Local governance (Number)		
Parliamentarians	3	3
Male	2	2
Female	1	1
Gups	8	8
Male	8	8
Female	-	-
Total gewog tshogpas ¹	69	35
Male	69	33
Female	-	2
Total Mangmis ¹	8	8
Male	8	8
Female	-	-
DYT members ²	17	17
Male	17	17
Female	-	-
GYT members ¹	71	51
Male	71	49
Female	-	2
Polling stations ²	48	40
Eligible voters (18 years and above) ²	13,622	14,971
Male	n.a	7,442
Female	n.a	7,529
% of Voters turnout during election	n.a	5,995
Male	n.a	2,742
Female	n.a	3,253
Total election staff in Dzongkhag	3	4
Male	3	4
Female	-	-

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

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

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

Source: Election Office, Zhemgang Dzongkhag

Table 46. Royal Government Finances Expenditures at Dzongkhag Level, Zhemgang, (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	28.910	
Agriculture	n.a	n.a	n.a	n.a	114.480	
Livestock	n.a	n.a	n.a	n.a	10.410	
Forestry	n.a	n.a	n.a	n.a	2.890	
Education	n.a	n.a	n.a	n.a	128.870	
Health	n.a	n.a	n.a	n.a	29.870	
Works & Human Settlement	n.a	n.a	n.a	n.a	59.890	
Religion & Culture	n.a	n.a	n.a	n.a	36.880	
Total					412.200	

Source: Planning & Finance Section, Zhemgang Dzongkhag

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

Sectors	Ninth Five Year Plan		Tenth Five Year Plan	
	Current	Capital	Current	Capital
Civil	78.1	21.3	n.a	48.2
Agriculture	34.5	26.5	n.a	22.5
Livestock	20.3	14.1	n.a	4.6
Forestry	8.3	5.0	n.a	4.0
Education	195.3	164.6	n.a	n.a
Health	99.3	28.5	n.a	49.0
Urban development & housing	3.8	64.4	n.a	119.0
Roads	9.2	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	5.9	n.a	n.a	n.a
Trade & industry	3.5	13.5	n.a	247.3
Total	458.2	337.8	n.a	494.6
Total plan outlay				

Source: Dzongkhag Administration, Zhemgang

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

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, Zhemgang Dzongkhag

Table 49. Gewog 9th and 10th Five Year Plan Outlays, Zhemgang
(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, Zhemgang Dzongkhag

Table 50. Gewog 9th and 10th Five Year Plan by Expenditures, Zhemgang
(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, Zhemgang Dzongkhag

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

Details	(Number)					
	2008	2009	2010	2011	2012	
Total	n.a	n.a	10900	n.a	6635	
Male	n.a	n.a	5700	n.a	2815	
Female	n.a	n.a	5200	n.a	3820	
Rural Total	n.a	n.a	10000	n.a	5722	
Male	n.a	n.a	5100	n.a	2157	
Female	n.a	n.a	4900	n.a	3565	
Urban Total	n.a	n.a	900	n.a	913	
Male	n.a	n.a	600	n.a	658	
Female	n.a	n.a	300	n.a	255	

Source: Labour Force Survey, MoLHR

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

Details	2009	2010	2011	2012
Total labour force (Number)	n.a	11,100	10,200	6,816
Total employed (%)	n.a	98.2	98.0	97.4
Male	n.a	5,700	4,700	2,815
Female	n.a	5,200	5,300	3,821
Unemployment rate	n.a	1.8	2.0	2.1
Total employed in Agriculture (%)	n.a	n.a	83.3	76.6
Male	n.a	n.a	3,800	1,631
Female	n.a	n.a	4,700	3,592
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 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 (%)	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	70.70	73.9	43.1
Male participation rate	n.a	77.3	73.4	37.9
Female participation rate	n.a	63.9	74.3	47.8

Source: Labour Force Survey, MoLHR

Table 53. Child Labour, Zhemgang, (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	0.4
Unpaid work	1.1
Working for family business	34.7
Economic activity for at least one hour	35.4
Household chores less than 28 hours	35.1
Household chores for 28 hours or more	0.1
Child labour	35.5
Number of children age 5-11	266
Percentage of children age 12-14 involved in	n.a
Economic activity	n.a
Working outside household	n.a
Paid work	1.1
Unpaid work	5.2
Working for family business	45.4
Economic activity less than 14 hours	42.0
Economic activity for 14 hours or more	4.4
Household chores less than 28 hours	53.8
Household chores for 28 hours or more	0.2
Child labour	4.6
Number of children age 12-14	140
Total child labour [1]	24.8
Number of children age 5-14 years	406

Source: BMIS, 2010

Table 54. Child Labour and School Attendance, Zhemgang, (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	24.8
Percentage of children attending school	82.0
Number of children age 5-14 years	406
Percentage of child labourers who are attending school	88.2
Number of children age 5-14 years involved in child labour	101
Percentage of children attending school who are involved in child labour	26.7
Number of children age 5-14 years attending school	333

Source: BMIS, 2010

Table 55. Agriculture Production and Average Prices by COMmodities, Zhemgang, (2007 ~ 2011)

Details	2007	2008	2009	2010	2011
Paddy					
Area (Acres)	2012	1328.86	1267	4,836	n.a
Production (MT)	1793	1989	1117	1,767	n.a
Price per Kg(Nu.)	n.a	n.a	n.a		n.a
Maize					
Area (Acres)	2328	3620.0073	3226	13022	n.a
Production (MT)	1916	3773.53	3028	4,744	n.a
Price per Kg(Nu.)	n	n.a	n.a		n.a
Wheat					
Area (Acres)	693	140.79	177	299	n.a
Production (MT)	319	89	93	89	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Barley					
Area (Acres)	296	95.6137	97	53	n.a
Production (MT)	132	57.4	47	20	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Buckwheat					
Area (Acres)	428	365.56	n.a	556	n.a
Production (MT)	186	239	n.a	178.52	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Millet					
Area (Acres)	1151	305.5637	n.a	264	n.a
Production (MT)	300	160.47	n.a	153.35	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Fruits					
Apples					
Number of fruit bearing trees	449	n.a	103	n.a	n.a
Production (Kg)	1	n.a	3	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Oranges/ Mandarin					
Number of fruit bearing trees	132981	95000	205068	n.a	n.a
Production (Kg)	3349	1690.3	5296	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Banana					
Number of fruit bearing trees	10801	n.a	2812	n.a	n.a
Production (Kg)	149	n.a	39	n.a	n.a
Price per Dozen(Nu.)	n.a	n.a	n.a	n.a	n.a
Pear					
Number of fruit bearing trees	1904	n.a	44	n.a	n.a

Annual Dzongkhag Statistics, 2012 : ZHEMGANG

Production (Kg)	83	3.9	1	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Plum					
Number of fruit bearing trees	949	n.a	176	n.a	n.a
Production (Kg)	25	5.9	6	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a	n.a
Areca Nut					
Production (Pon)	2139	n.a	3163	n.a	n.a
Production (Nu.)	15	n.a	59	n.a	n.a
Price per 80 Piece/Pon(Nu.)	n.a	n.a	n.a	n.a	n.a
Vegetables and Spices					n.a
Potato					
Production (kg)	226	966.2	319	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
Chili					n.a
Production (kg)	122	214.8	141	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
Onion					
Production (kg)	n.a	n.a	20	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
Cabbage					
Production (kg)	55	39.85	36	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
Cauliflower					
Production (kg)	24	14.42	12	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
Asparagus					
Production (Bundles)	n.a	3.77	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a	n.a
Price per bundle (Nu.)	n.a	n.a	n.a	n.a	n.a
Tomato					
Production (Kg)	19	6.38	18	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
Carrot					n.a
Production (Kg)	4	3.52	2	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
Egg Plant (Brinjal)					

Annual Dzongkhag Statistics, 2012 : ZHEMGANG

Production (Kg)	65	n.a	22	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
Raddish					
Production (Kg)	136	213.41	167	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
Ginger					
Production (Kg)	59	50.57	23	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
Cardamom					
Production (Kg)	n.a	1.57	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
Garlic					
Production (Kg)	23	27.8	3	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
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.)	n.a	n.a	n.a	n.a	n.a
Mustards					
Production (Kg)	91	109.2	87	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
Beans					
Production (Kg)	96	117.87	56443	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

Source: Agriculture Sector, Zhemgang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Irrigation for agriculture					
Number of irrigation channels	40	43	44	45	53
Functional	38	41	42	43	51
Non-Functional	2	2	2	2	2
Total length of channels (Km)	88	91	107	109	116
Area covered by irrigation	n.a	n.a	n.a	n.a	n.a
Number of households benefitted	1,079	1,146	1,155	1,173	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	-	-	-	-	-
Number of farmer association/groups	n.a	n.a	1	1	2
Agriculture	n.a	n.a	1	1	1
Livestock	n.a	n.a	n.a	n.a	1
Forestry	n.a	n.a	n.a	n.a	n.a
Number of power tillers	15	19	n.a	n.a	n.a

Note: ¹Including two traditional mills

Source: Agriculture Sector, Zhemgang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Livestock (Number)					
Cattle	13,556	12,109	11,705	n.a	12,112
Local breed	12,290	10,451	9,915	n.a	n.a
Male	4,376	3,524	3,438	n.a	n.a
Female	7,914	6,927	6,477	n.a	n.a
Improved breed	1,266	1,658	1,790	n.a	n.a
Male	316	453	478	n.a	n.a
Female	950	1,205	1,312	n.a	n.a
Mithun	133	141	n.a	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	1,425	1,330	1,304	n.a	1,743
Local breed	1,360	1,315	1,262	n.a	n.a
Improved breed	65	15	42	n.a	n.a
Yak	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
Sheep	N.A	N.A	N.A	N.A	N.A
Local breed	N.A	N.A	N.A	N.A	8
Improved breed	N.A	N.A	N.A	N.A	n.a
Pig	1,106	1,042	996	n.a	994
Local breed	514	459	645	n.a	657
Improved breed	592	583	351	n.a	337
Poultry	7,812	6,365	7,413	n.a	8,848
Local breed	6,366	5,261	5,742	n.a	6,259
Improved breed	1,446	1,104	1,671	n.a	2,589
Goat	290	575	66	n.a	63

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Zhemgang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Livestock products					
Fresh Milk (Liters)	896	784	596	n.a	543
Price per liter (Nu.)	59	35	39	n.a	n.a
Butter (Kg)	520	154	99	n.a	32,420
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Fresh Cheese (Kg)	166773	33382	34197	n.a	62,760
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Processed cheese (kg)	57	19	42	n.a	n.a
Price per Kg (Nu.)	27	14	18	n.a	n.a
Eggs (dozen)	n.a	n.a	n.a	n.a	50,100
Price per piece (Nu.)	147	0	0	n.a	n.a
Fish (Kg)	n.a	n.a	n.a	n.a	500
Price per Kg (Nu.)	3	3	2	n.a	n.a
Beef (Kg)	n.a	n.a	n.a	n.a	30,970
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a
Pork (Kg)	n.a	n.a	n.a	n.a	24,110
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	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	1,600
Price per Kg (Nu.)	n.a	n.a	n.a	n.a	n.a

Source: Livestock Sector, Zhemgang Dzongkhag

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

Details	2007	2008	2009	2010	2011
Wood Forest Product ¹					
Log Form (Cft)	117,894	78,850	65,299	n.a	n.a
Price per Cft(Nu.)	n.a	n.a	n.a	n.a	n.a
Fire wood (Cubic metres)	1,320	848	992	n.a	n.a
Price per Cubic metre(Nu.)	n.a	n.a	n.a	n.a	n.a
Flag Poles (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
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
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	4	277	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	n.a
Mining Sites (Number)	n.a	n.a	n.a	n.a	n.a
Quarry Sites	n.a	n.a	n.a	n.a	n.a
Municipal Waste Disposal Sites	2	2	2	2	2
Environmental Clearance Issued	6	15	14	n.a	n.a

Note: Cordyceps amount collected only for auction royalty charges.

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

Table 60. Electricity Generating Stations and Capacities, Zhemgang, (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)
Kekhar	1 X 0.02	0.02 -	0.02 -	1 X 0.02	0.02 -	0.02 -	1 X 0.02	0.02 -	0.02 -
Tingtibi	2 X 0.10	0.2	0.105	2 X 0.10	0.2	0.105	2 X 0.10	0.2	0.105
Diesel generation stations									
Panbang	1 X 0.050	0.05 -	0.05 -	1 X 0.050	0.05 -	0.05 -	1 X 0.050	0.05 -	0.05 -
	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Other diesel stations									
name 1	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
name 2	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Source: Department of Energy, MoEA, Zhemgang

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

Details	2009	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, Zhemgang, (2009 ~ 2012)

new buildings	2009	2010	2011	2012
Zhemgang	n.a	n.a	n.a	n.a
Tingtibi	n.a	n.a	n.a	n.a
Panbang	n.a	n.a	n.a	n.a

Source: Dzongkhag Municipal, Zhemgang Dzongkhag

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

Details	2009	2010	2011
Industries by type (Number)			
Agro based	4	4	4
Forestry based	21	15	19
Mineral based	0	0	0
Others	1	1	1
Industries by scale (Number)			
Large	0	0	0
Medium	1	0	0
Small	2	0	0
Cottage	318	20	24
Contract firms (Number)			
Large	0	n.a	n.a
Medium	0	n.a	n.a
Small	289	n.a	n.a

Source: Regional Trade Office, Trongsa

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

Details	(Number)				
	2007	2008	2009	2010	2011
Trade and Industries					
Micro & retail trade licences issued	n.a	n.a	n.a	640	675
Micro & retail trade licences in operation	n.a	n.a	241	246	281
Wholesale trade licences issued	n.a	n.a	n.a	7	7
Wholesale trade licences in operation	n.a	n.a	2	4	4
Services licences issued	n.a	n.a		316	330
Services licences in operation	n.a	n.a	173	159	174
Manufacturing licences issued	n.a	n.a	n.a	31	35
Manufacturing licenses in operation	n.a	n.a	16	16	20

Source: Regional Trade Office, Trongsa

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

Details	(Number)				
	2007	2008	2009	2010	2011
Public Service Transport	n.a	n.a	n.a	n.a	n.a
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	n.a	n.a	n.a	n.a	n.a
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	n.a	n.a	1	1	1
Bus stations	1	1	1	1	1

56 Source: RSTA Regional Office, Zhemgang

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

Details	2007	2008	2009	2010	2011
Roads (Length in Km)					
Farm roads ¹	18.25	25.00	37.28	46.06	112.80
Feeder roads ²	62.70	62.70	62.70	77.70	77.70
Forest roads ¹	13.06	13.06	13.06	13.06	13.06
Highways/Dzongkhag roads	282.00	282.00	282.00	282.00	282.00
Bridges (Number)					
Suspension bridge ¹	6.00	7.00	7.00	7.00	7.00
Suspended ¹	16.00	18.00	18.00	18.00	18.00
Bailey bridges ²	n.a	n.a	n.a	n.a	n.a
Traditional bridges ¹	n.a	n.a	n.a	n.a	n.a

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

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

Telecommunications	(Number)					
	2007	2008	2009	2010	2011	2012
Households with fixed telephone connections	473	520	547	543	512	512
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	3	3	3
Gewogs accessible to mobile services	2.0	2.0	2	8	8	8
Households with internet access	n.a	n.a	n.a	n.a	69	n.a
Bhutan post office	2	2	2	2	2	2

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

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

Number of establishments	(number)			
	2009	2010	2011	2012
RICBL	0	1	1	1
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	1	1	1	1
ATM Machine	0	0	0	0

Source: Financial Institutions, Zhemgang Dzongkhag

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

Number of facilities	Number of account holders (2010)						Number of account holders (2011)					
	Loan			savin curre			Loan			savin curre		
	recurring deposit	fixed	nt	recurring deposit	fixed	nt	recurring deposit	fixed	nt	recurring deposit	fixed	nt
RICBL	n.a	n.a	n.a	n.a	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	N.A	N.A	N.A	N.A
BDBL	741	748	54	13	31	31	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	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	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	N.A	N.A
BOBL	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: Financial Institutions, Zhemgang Dzongkhag

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

Details	2007	2008	2009	2010	2011	2012
Administration (Number)						
Drungkhags	1	1	1	1	1	1
Gewogs	8	8	8	8	8	8
Chiwogs	64	64	64	64	40	40
Villages	n.a	n.a	n.a	n.a	n.a	n.a
Households	3,379	3,379	3,379	3379	3379	3379
Towns	3	3	3	3	3	3
Number of Police stations	2	2	2	2	2	2

Source: Dzongkhag Administration, Zhemgang Dzongkhag

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

Details	2007	2008	2009	2010	2011	2012
Number of children park	-	-	-	0	0	1
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	0	0	0	0	0	0
Number of discotheques	0	0	0	0	0	0
Number of foreign tourist visi	n.a	n.a	n.a	n.a	n.a	n.a

Source: Regional Office, MoEA, Trongsa Dzongkhag

