



**ANNUAL DZONGKHAG STATISTICS
2010**



**Dzongkhag Administration
TRONGSA**

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Contact
National Statistics Bureau
PO Box No. 338
Telephone: +975-2-322753/333296
Fax: +975-2-323069
Website: www.nsb.gov.bt

Statistics Unit
Trongsa Dzongkhag
Telephone: +975-3-521217
Fax: +975-3-521231
Email: wangchuk@nsb.gov.bt

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TRONGSA DZONGKHAG



GEWOG CENTRE

Scale :1:200,000

11,000 5,500 0 11,000 Meters



Table of Contents

Preface.....	i
Background.....	ii
Abbreviations.....	iii
Table 1.1: General Information.....	1
Table 1.2: Local Governance.....	2
Table 2.1: Population by Age and Sex.....	3-4
Table 3.1: Number of Schools, Institutions, Teachers and Students.....	5
Table 3.1(Contd.): Number of Schools, Institutions, Teachers and Students.....	6-7
Table 3.2: School Enrolment by Grade and Sex.....	8-9
Table 3.3: Students by Age-Group, Sex and By Level.....	10
Table 3.3 (Contd.): Students by Age-Group, Sex and By Level.....	11
Table 3.4: Number of Sanitation & Water Facilities in Schools.....	11
Table 4.1: Type of Health Infrastructure, Facilities & Personnel.....	12
Table 4.2: Top Ten Morbidity.....	13
Table 5.1: Number of Industrial Establishment & Transport.....	14
Table 6.1: Renewable Natural Resources.....	15
Table 6.2: Agricultural Production.....	16
Table 6.2 (Contd.): Agricultural Production.....	17
Table 6.2 (Contd.): Agricultural Production.....	18
Table 6.3: Livestock Population.....	19
Table 6.4: Livestock Products.....	20
Table 6.5: Forestry Products.....	20
Table 7.1: Infrastructure.....	21
Table 8.1: Telecommunication.....	21
Table 9.1: Environment.....	22
Table 10.1: Dzongkhag 9th & 10th Five Year Plan Outlays.....	23
Table 10.2: Dzongkhag 9th & 10th Five Year Plan Expenditure.....	23
Table 10.3: Gewog 9th & 10th Five Year Plan Outlays.....	24
Table 10.4: Gewog 9th & 10th Five Year Plan Expenditure.....	24
Table 11.1: Gross and Net Enrolment Rate by Level.....	25
Table 11.2 Literacy Rate by Sex.....	25
Table 11.3: Distance to the Nearest School.....	25
Table 12.1: Health Coverage	26
Table 12.2: Distance to Health Centers, Water Sources and Sanitation.....	26
Table 13.1: Distance to Nearest Market by Households.....	27
Table 13.2: Percentage of Households Access to Credit Facilities.....	27
Table 14.1: Employment by Industries, Age-Group and Sex.....	28
Table 15.1: Renewable Natural Resources.....	29
Table 16.1: Walking Distance to Nearest Road by Households.....	30

Table 17.1: Number of Households Having Telecommunication.....	30
Table 18.1: Number of Cultural Infrastructure and Religious Personnel.....	31-32
Table 19.1: Forest Coverage & Fuel Usage in Percent.....	32
Table 20.1: Poverty, Dependency Ratio and Housing Condition.....	33

Preface

The Annual Dzongkhag Statistics of Trongsa is the first 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 first 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

Trongsa Dzongkhag is located in the heart of the country. It covers an area of 1807 Sq. Km with an elevation ranging from 800 meters to 4,800 meters above mean sea level.

The total projected population for the Dzongkhag in 2009 was 14,448 with an annual growth rate of 1.4 percent. is the Dzongkhag is bordered by Bumthang Dzongkhag in the northeast, Wangdue Dzongkhag in the west and Zhemgang Dzongkhag in the south.

Trongsa Dzongkhag has five Gewogs viz; Drakteng, Korphu, Nubi, Langthil and Tangsibji. Among the five, Nubi Gewog is one of the most densely populated Gewogs in the Dzongkhag. The Dzongkhag has two Constituencies: Nubi- Tangsibji and Drakteng- Langthil.

Despite rugged terrain, the East-West lateral highway and the Trongsa-Gelephu highway passes through Trongsa connecting almost all the Gewogs in the Dzongkhags by motorable roads. Though the East-West and Bumthang-Gelephu lateral highways passes through the Dzongkhag, most of the settlements are still remote due to lack of feeder roads. However, every Gewog in the Dzongkhag has a BHU, RNR centers and a School each. Agriculture farming is the main source of income for majority of the population. Farmers grow almost all kinds of crops but in some areas potatoes are the main source of cash income.

There are many sacred monuments like tapering rock in Nubji lakhang, Kubra,Ugen Drak and Phumzur lhakhang, which is believed that Guru Padmasambhava have visited and meditated in this sacred sites on his way back from Trongsa to India in 8th century. The other sacred spots in Trongsa are Ta-Dzong, and Trongsa Dzong that lulls immense attraction for tourist.

Jigme Singye Wangchuck National Park that covers an area of 1,723 Sq. km 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 spices Golden Langur.

Abbreviations

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

National Statistics Bureau
ROYAL GOVERNMENT OF BHUTAN
P.O. Box No. 338 Thimphu
Telephone No: +975-2-322753/333296/325402
Fax: +975-2-323069

www.nsb.gov.bt

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TABLE 1.1: GENERAL INFORMATION, TRONGSA, 2005 TO 2010

Details	2005	2006	2007	2008	2009	2010
Dzongkhag area (Sq. Km)	1807.29	1807.29	1807.29	1807.29	1807.29	1807.29
Population (Number)	13419	13671	13927	14187	14448	14712
Population density (Persons per Sq. Km)	7	8	8	8	8	8
Population sex ratio	105	105	104	104	104	104
Administration (Number)						
Drungkhags	0	0	0	0	0	0
Gewogs	5	5	5	5	5	5
Chiwogs	52	52	51	51	51	51
Villages	56	56	56	56	56	56
Households	2739	n.a	n.a	n.a	n.a	n.a
Towns	1	1	1	1	1	1

Source: PHCB 2005 and Gewog Administration, Trongsa Dzongkhag

Note: Retey Chiwog of Korphu Gewog has been merged with Sarpang Dzongkhag since 2007.

TABLE 1.2 : LOCAL GOVERNANCE, TRONGSA, 2007 TO 2009

Details	2007	2008	2009
Local governance (Number)			
Total Gewog Tshogpas	56	56	56
Male	53	53	54
Female	3	3	2
Total Mangmis	5	5	5
Male	5	5	5
Female	0	0	0
Total Chupons	52	52	51
Male	47	47	46
Female	5	5	5
DYT members	10	10	10
Male	10	10	10
Female	0	0	0
GYT members	64	64	64
Male	58	58	58
Female	6	6	6
Polling stations	21	21	21
Eligible voters (18 years and above)	n.a	6909	n.a
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Parliamentarians	1	3	3
Male	1	3	3
Female	0	0	0
Total Dzongkhag Adm. Staff	343	397	419
Male	247	278	292
Female	96	119	127
Police stations	1	1	1

Source: Administration and Gewog Administration, Trongsa Dzongkhag

Note: Under Dzongkhag Adm. Staff, only regular staffs are counted.

TABLE 2.1: POPULATION BY AGE AND SEX, TRONGSA, 2005 TO 2010

Age-group by sex	2005	2006	2007	2008	2009	2010
Total	15424	15677	15934	16195	16457	16722
0-4	1326	1447	1543	1638	1733	1825
5-9	1579	1422	1389	1362	1339	1321
10-14	1679	1531	1512	1489	1464	1440
15-19	1552	1505	1515	1523	1526	1523
20-24	1232	1413	1429	1443	1457	1471
25-29	1082	1266	1295	1322	1347	1370
30-34	816	1053	1092	1133	1173	1210
35-39	767	879	906	932	962	995
40-44	585	715	742	772	801	831
45-49	549	588	605	624	644	667
50-54	569	485	500	515	531	547
55-59	355	398	408	419	431	443
60-64	408	321	329	337	345	354
65+	920	648	663	679	695	714
Male	6869	6988	7108	7235	7360	7485
0-4	677	708	755	803	850	896
5-9	804	699	682	668	656	647
10-14	843	759	748	736	723	710
15-19	795	756	759	760	760	757
20-24	692	733	736	739	741	743
25-29	552	668	682	695	705	714
30-34	427	562	581	602	621	640
35-39	396	471	485	500	515	532
40-44	290	377	393	410	428	444
45-49	275	308	317	327	338	351
50-54	280	253	260	268	277	285
55-59	176	206	211	217	223	230
60-64	191	165	169	173	177	182
65+	471	323	330	337	346	354
Female	8555	8689	8826	8960	9097	9237
0-4	649	739	788	835	883	929
5-9	775	723	707	693	683	674
10-14	836	772	764	753	741	730
15-19	757	748	756	763	766	767
20-24	540	680	693	705	717	728
25-29	530	598	613	627	641	655
30-34	389	491	511	531	551	570

TABLE 2.1 (contd.): POPULATION BY AGE AND SEX, TRONGSA,
2005 TO 2010

Age-group by sex	2005	2006	2007	2008	2009	2010
35-39	371	409	420	433	447	463
40-44	295	337	349	361	374	387
45-49	274	281	289	297	306	316
50-54	289	233	239	247	254	262
55-59	179	192	197	202	208	214
60-64	217	156	160	164	168	173
65+	449	324	333	341	349	359

Source: PHCB and Dzongkhag Population Projections 2006 - 2015.

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

TABLE 3.1 : NUMBER OF SCHOOLS, INSTITUTIONS, TEACHERS AND STUDENTS, TRONGSA, 2008 TO 2010

Details	2008											Total
	GPS	PS	ISS	MSS	HSS	College	Pvt.	Other Inst.	NFE Centres	Daycare Centres		
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	23	17	22	20	0	0	0	14	0		18

TABLE 3.1 (contd.): NUMBER OF SCHOOLS, INSTITUTIONS, TEACHERS AND STUDENTS, TRONGSA, 2008 TO 2010

Details	CPS	PS	LSS	MSS	HSS	College	Pvt.	Other Inst.	NFE Centres	Daycare Centres	Total
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	19	17	19	20	0	0	0	17	0	18
2010											
Number of schools and institutions	15	4	3	1	1	0	0	0	20	0	44

TABLE 3.1 (contd.): NUMBER OF SCHOOLS, INSTITUTIONS, TEACHERS AND STUDENTS, TRONGSA, 2008 TO 2010

Details	CPS	PS	LSS	MSS	HSS	College	Pvt.	Other Inst.	NFE Centres	Daycare Centres	Total
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	15	17	17	0	0	0	17	0	16

Source: Education Sector, Trongsa Dzongkhag

Note: Some of the NFE centers have two teachers due to large number of learners.

TABLE 3.2: SCHOOL ENROLMENT BY LEVEL OF EDUCATION,
TRONGSA, 2008 TO 2010

Class	2008	2009	2010
Primary level			
Total	2472	2439	2324
Class PP	354	343	343
Class I	393	362	350
Class II	403	413	347
Class III	366	360	366
Class IV	342	347	351
Class V	327	314	307
Class VI	287	300	260
Male	1228	1239	1151
Class PP	195	173	175
Class I	197	201	168
Class II	189	209	187
Class III	187	178	185
Class IV	165	170	167
Class V	168	153	154
Class VI	127	155	115
Female	1244	1200	1173
Class PP	159	170	168
Class I	196	161	182
Class II	214	204	160
Class III	179	182	181
Class IV	177	177	184
Class V	159	161	153
Class VI	160	145	145
Secondary level			
Total	1078	1150	1132
Class VII	306	311	276
Class VIII	286	266	275
Class IX	192	262	227
Class X	173	176	241
Class XI	58	74	48
Class XII	63	61	65
Male	2547	2595	2586
Class VII	135	138	132
Class VIII	135	132	134

TABLE 3.2 (contd.): SCHOOL ENROLMENT BY LEVEL OF EDUCATION,
TRONGSA, 2008 TO 2010

Class	2008	2009	2010
Class IX	96	131	114
Class X	90	92	122
Class XI	47	43	35
Class XII	36	50	39
Female	539	564	556
Class VII	171	173	144
Class VIII	151	134	141
Class IX	96	131	113
Class X	83	84	119
Class XI	11	31	13
Class XII	27	11	26

Source: Dzongkhag Education Sector, Trongsa.

TABLE 3.3: STUDENTS BY AGE-GROUP, SEX AND EDUCATION LEVEL, TRONGSA,
2008 TO 2010

Details	2008	2009	2010
Students in primary school level (Class PP-VI)			
Total	2472	2439	2323
Age < 6 years	47	61	103
Age 6-12 years	2008	1932	1846
Age 13 & above	417	446	374
Male	1228	1239	1143
Age < 6 years	19	30	53
Age 6-12 years	1002	975	912
Age 13 & above	207	234	178
Female	1244	1200	1180
Age < 6 years	28	31	50
Age 6-12 years	1006	957	934
Age 13 & above	210	212	196
Student in LSS level (Class VII-VIII)			
Total	592	577	551
Age < 13 years	10	9	18
Age 13-14 years	161	177	201
Age 15 & above	421	391	332
Male	270	270	266
Age < 13 years	5	5	10
Age 13-14 years	68	69	97
Age 15 & above	197	196	159
Female	322	307	285
Age < 13 years	5	4	8
Age 13-14 years	93	108	104
Age 15 & above	224	195	173
Students in MSS level (Class IX-X)			
Total	365	438	468
Age < 15 years	12	13	6
Age 15-16 years	101	113	159
Age 17 & above	252	312	303
Male	186	223	236
Age < 15 years	6	5	1
Age 15-16 years	51	59	70
Age 17 & above	129	159	165

TABLE 3.3 (contd.): STUDENTS BY AGE-GROUP, SEX AND EDUCATION LEVEL, TRONGSA, 2008 TO 2010

Details	2008	2009	2010
Female	179	215	232
Age < 15 years	6	8	5
Age 15-16 years	50	54	89
Age 17 & above	123	153	138
Students in HSS level (Class XI-XII)			
Total	121	135	113
Age < 17 years	5	3	9
Age 17-18 years	37	58	45
Age 19 & above	79	74	59
Male	83	93	74
Age < 17 years	1	2	6
Age 17-18 years	30	31	27
Age 19 & above	52	60	41
Female	38	42	39
Age < 17 years	4	1	3
Age 17-18 years	7	27	18
Age 19 & above	27	14	18

Source: Education Sector, Trongsa Dzongkhag

TABLE 3.4: SANITATION, WATER SUPPLY AND TRAVEL DISTANCE, TRONGSA, 2008 TO 2010

Details	2008	2009	2010
Number of schools with toilet facilities			
Flush toilet	5	9	12
Pit latrine	21	21	20
Other type	0	0	0
No toilet	0	0	0
Number of schools with water facilities			
Tap/pipe water	23	24	24
Pond/spring	0	0	0
Stream	0	0	0
Other	0	0	0

Source: Education Sector, Trongsa Dzongkhag

Note: Some of the schools have both flush and pit latrine facilities.

TABLE 4.1: TYPE OF HEALTH INFRASTRUCTURE, FACILITIES & PERSONNEL,
TRONGSA, 2007 TO 2009

Details	2007	2008	2009
Number of hospitals	1	1	1
Number of BHUs	6	6	6
BHU grade I	0	0	0
BHU grade II	6	6	6
Number of ORCs	21	21	21
Number of indigenous units	2	2	2
Number of doctors	2	2	2
Number of hospital/BHU beds	20	20	20
Persons per doctor	6964	7093.5	7224
Persons per hospital bed	696.4	709.35	722.4
Total morbidity attendance	16,885	13,849	18,547
Health Assistants	7	6	7
Basic health workers	5	5	5
Sister and nurses	6	5	4
Technicians	8	8	9
Indigenous dungtsho	1	1	1
Indigenous compounders/Menpas	2	2	2
Malaria workers	0	0	0
Village health workers	37	36	39
Births attended by skilled personnel	53	46	54
Number of births in medical facility	53	46	54
Number of children immunized			
Polio	379	420	527
DPTH	347	396	503
Measles	326	299	291
Others	n.a	n.a	n.a
Family planning acceptors by type			
Condom distributed	29,804	28,918	26,699
Pills	116	156	768
Injection DMPA	570	692	991
IUD	38	31	22
Vasectomy	129	100	86
Tubectomy	20	38	33
Others	na	na	na

Source: Health Sector, Trongsa Dzongkhag

Note: Persons per doctor and persons per hospital bed calculated using projected Population.

TABLE 4.2: MORBIDITY, TRONGSA 2009

Type of diseases, Top Ten (Incidence)	2009
Common cold	6,747
Skin Infections	2,634
Conjunctivitis/Other eye disease	2,217
Diarrhoea/Dysentry	2,028
Peptic Ulcer Syndrome	1,668
Acute Pharyngitis/Tonsillitis	1,325
Other Musculo-skeletal Disorder	1,308
Injuries and trauma	841
Dental Caries	811
Otitis Media/ other Ear disorders	495

Source: Health Sector, Trongsa Dzongkhag

TABLE 5.1: ECONOMIC ACTIVITIES, TRONGSA, 2007 TO 2009

Details	2007	2008	2009
Trade and Industries (Number)			
Micro & retail trade licences issued	40	59	54
Micro & retail trade licences in operation	145	171	231
Wholesale trade licences issued	0	0	3
Wholesale trade licences in operation	1	1	4
Services licences issued	12	15	95
Services licences in operation	184	165	268
Manufacturing licenses issued	0	1	1
Manufacturing licenses in operation	4	4	5
Public Transport operators (Numbers)			
Bus	1	1	3
Taxi	n.a	n.a	n.a
Others	n.a	n.a	n.a
Industries by type (Number)	4	4	6
Agro based	2	2	2
Forestry based	2	2	4
Mineral based	0	0	0
Others	0	0	0
Industries by scale (Number)	6	4	6
Large	0	0	0
Medium	0	0	0
Small	0	0	0
Cottage	6	4	6
Contract firms (Number)	38	38	57
A	0	0	0
B	0	0	0
C	3	2	5
D (Petty)	35	36	52

Source: Regional Trade and Industry Office, Trongsa Dzongkhag

Note: Public Transport Data Collected from RSTA, Trongsa Dzongkhag

TABLE 6.1: RENEWABLE NATURAL RESOURCES, TRONGSA, 2005 TO 2008

Agriculture	2005	2006	2007	2008	2009
Irrigation for agriculture*					
Number of irrigation channels*	81	83	84	85	85
Functional*	81	83	84	85	85
Non Functional*	0	0	0	0	0
Total length of channels (Km)*	241.9	251.4	253.9	259.9	259.9
Area covered by irrigation (Acres)*	4446	4546	4330	4357	4357
Number of households benefitted*	n.a	n.a	n.a	n.a	n.a
Number of food processing units*	0	0	0	0	0
Number of agriculture mills*	n.a	n.a	n.a	n.a	na
Number of livestock product processing units**	1	1	1	1	1
Number of farmer association/groups	6	8	14	20	25
Agriculture*	1	1	2	4	6
Livestock**	2	4	7	11	13
Forestry***	3	3	5	5	6
Number of power tillers*	n.a	n.a	n.a	n.a	na

Source : * Agriculture Sector, ** Livestock Sector & ***Forestry Sector, Trongsa Dzongkhag

Note: Community Forest are included as farmer's association under Forestry and under Agriculture only one farmer association (Tangsibji Mushroom Association) has been registered with Agriculture Marketing Cooperation.

TABLE 6.2: AGRICULTURAL PRODUCTION, TRONGSA, 2007 TO 2009

Details	2007	2008	2009
Paddy			
Area (Acres)	1550	1511.23	2135
Production (MT)	1726.64	1544.741	2176
Price per Kg(Nu.)	n.a	n.a	45
Maize			
Area (Acres)	1182	1162.21	2169
Production (MT)	1208.104	985.065	1860
Price per Kg(Nu.)	n.a	n.a	n.a
Wheat			
Area (Acres)	280	606.72	635
Production (MT)	379.732	274.41	361
Price per Kg(Nu.)	n.a	n.a	n.a
Barley			
Area (Acres)	n.a	n.a	324
Production (MT)	n.a	n.a	172
Price per Kg(Nu.)	n.a	n.a	n.a
Buckwheat			
Area (Acres)	882	350.44	436
Production (MT)	341.024	133.81	251
Price per Kg(Nu.)	n.a	n.a	n.a
Millet			
Area (Acres)	n.a	16	45
Production (MT)	n.a	5.92	9
Price per Kg(Nu.)	n.a	n.a	n.a
Fruits			
Apples			
Number of fruit bearing trees	n.a	16	30
Production (Kg)	n.a	2365	1000
Production (Nu.)	n.a	n.a	n.a
Oranges/ Mandarin			
Number of fruit bearing trees	4615	3564	2856
Production (Kg)	257698	10019	112000
Production (Nu.)	n.a	3005700	n.a
Banana			
Number of fruit bearing trees	3618	4015	283
Production (Kg)	54411	63212	2000
Production (Nu.)	n.a	n.a	n.a

TABLE 6.2 (contd.): AGRICULTURAL PRODUCTION, TRONGSA, 2007 TO 2009

Details	2007	2008	2009
Pear			
Number of fruit bearing trees	695	541	156
Production (Kg)	41927	40271	11000
Production (Nu.)	n.a	57000	n.a
Plum			
Number of fruit bearing trees	687	327	265
Production (Kg)	28775	23641	12000
Production (Nu.)	n.a	n.a	n.a
Areca Nut			
Production (Pon)	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a
Vegetables and Spices			
Potato			
Production (kg)	1021242	42238	254000
Production (Nu.)	n.a	n.a	n.a
Chili			
Production (kg)	318804	426431	393000
Production (Nu.)	n.a	17057240	n.a
Onion			
Production (kg)	n.a	n.a	3000
Production (Nu.)	n.a	n.a	n.a
Cabbage			
Production (kg)	161203	25421	90000
Production (Nu.)	n.a	2033680	n.a
Cauliflower			
Production (kg)	48201	50241	17000
Production (Nu.)	n.a	602892	n.a
Asparagus			
Production (Bundles)	n.a	70	n.a
Production (Nu.)	n.a	3500	n.a
Tomato			
Production (Kg)	5271	n.a	n.a
Production (Nu.)	n.a	n.a	n.a
Carrot			
Production (Kg)	22514	27124	11000
Production (Nu.)	n.a	406860	n.a

TABLE 6.2 (contd.): AGRICULTURAL PRODUCTION, TRONGSA, 2007 TO 2009

Details	2007	2008	2009
Egg Plant (Brinjal)			
Production (Kg)	3556	44423	44000
Production (Nu.)	n.a	8884601	n.a
Raddish			
Production (Kg)	448875	562177	9000
Production (Nu.)	n.a	6746124	n.a
Ginger			
Production (Kg)	8442	n.a	1000
Production (Nu.)	n.a	n.a	n.a
Cardamom			
Production (Kg)	n.a	n.a	2000
Production (Nu.)	n.a	n.a	n.a
Garlic			
Production (Kg)	21016	n.a	17000
Production (Nu.)	n.a	n.a	n.a
Oil seeds and legumes			
Lentils			
Production (Kg)	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a
Mustards			
Production (Kg)	84385	186822	50000
Production (Nu.)	n.a	n.a	n.a
Beans			
Production (Kg)	n.a	n.a	31000
Production (Nu.)	n.a	n.a	n.a

Source : Agriculture Sector, Trongsa Dzongkhag

Note: Prices are calculated in average.

Table 6.3: LIVESTOCK POPULATION, TRONGSA, 2007 TO 2009

Details	2007	2008	2009
Livestock (Number)			
Cattle	7938	9652	9812
Local breed	5648	6961	6957
male	2189	2941	n.a
Female	3459	4020	n.a
Improved breed	2290	2691	2855
male	747	908	n.a
Female	1543	1783	n.a
Mithun	24	20	28
Bufallo	N.A	N.A	N.A
Male	N.A	N.A	N.A
Female	N.A	N.A	N.A
Horse	439	436	400
Local breed	397	393	372
Improved breed	42	43	28
Yak	72	195	72
Male	20	40	n.a
Female	52	155	n.a
Sheep	781	756	467
Local breed	n.a	n.a	n.a
Improved breed	n.a	n.a	n.a
Pig	493	424	154
Local breed	184	174	80
Improved breed	309	250	74
Poultry	3585	3253	2614
Local breed	2023	2001	1939
Improved breed	1562	1252	675
Goat	16	0	0

Source : Livestock Sector, Trongsa Dzongkhag

Table 6.4: LIVESTOCK PRODUCTS, TRONGSA 2007 TO 2009

Details	2007	2008	2009
Livestock products			
Fresh Milk (Liters)	961494	1105237	1222520
Butter (Kg)	59591	50598	51440
Fresh Cheese (Kg)	167198	71765	105660
Processed cheese (kg)	n.a	n.a	n.a
Eggs (Dozen)	11465	13920	12194
Fish (Kg)	N.A	N.A	N.A
Beef (Kg)	106315	99782	70760
Pork (Kg)	5759	9388	7680
Yak Meat (Kg)	1250	980	0
Mutton (Kg)	430	300	0
Honey (Gm)	N.A	N.A	N.A
Chicken (Kg)	49	31	0

Source : Livestock Sector, Dzongkhag

Table 6.5: FORESTRY PRODUCTS TRONGSA 2007 TO 2009

Details	2007	2008	2009
Wood Forest Product			
Log Form (Cft)	n.a	n.a	n.a
Fire wood (Cubic metres)	4	456	816
Flag Poles (Number)	295	1183	476
Shinglap (Number of trees)	n.a	n.a	n.a
Cham (Number of trees)	200	1260	603
Tsim (Number of trees)	30	235	308
Non- Wood Forest Product			
Mushroom (Kg)	n.a	n.a	n.a
Mushroom (Nu.)	n.a	n.a	n.a
Medicinal and Aromatic plants (Kg)	n.a	n.a	n.a
Cordyceps (Kg)	n.a	n.a	n.a
Cordyceps (Nu.)	n.a	n.a	n.a
Sand (Truck Load)	833	932	898
Stones (Truck Load)	737	1066	2132
Bamboo (Number)	2735	5172	2473
Cane (Bundles)	na	8	na
Lemon grass (Kg)	N.A	N.A	N.A

Source : Territorial Range Office, Trongsa

TABLE 7.1: INFRASTRUCTURE, TRONGSA, 2007 TO 2009

Details	2007	2008	2009
Roads (Length in Km)	217.12	242.97	283.12
Farm roads	28.92	55.02	94.92
Feeder roads	24.20	23.95	24.20
Forest roads	0.00	0.00	0.00
Highways/Dzongkhag roads	164.00	164.00	164.00
Bridges (Number)	27	27	27
Suspension bridges	4	4	4
Suspended	7	7	7
Bailey bridges	15	15	15
Traditional bridges	1	1	1
Auto workshop centres	2	2	2
Bus stations	0	0	0
Post offices	1	1	1
Banks	1	1	1

Source: Engineering Sector, Trongsa Dzongkhag

Note: The length of farm road 94.92 kms is as of 30th June 2010.

TABLE 8.1: TELECOMMUNICATION, TRONGSA, 2007 TO 2009

Details	2007	2008	2009
Telecommunications (Number)			
Households with fixed telephone connections	480	577	505
Community information centres	0	0	1
Gewogs accessible to mobile services	5	5	5
Households with internet access	49	81	98

Source: Bhutan Telecom Office, Trongsa.

Note: Telephone lines and internet connected in office are not included.

TABLE 9.1: ENVIRONMENT, TRONGSA, 2007 TO 2009

Details	2007	2008	2009
Total cultivated land (Acres)	n.a	n.a	7236.6
Temperature (Degree Celcius)			
Avg. Max (Annual)	22.1	20.1	n.a
Avg. Min (Annual)	12.4	10.9	n.a
Rainfall (Millimeter)			
Avg. Annual rainfall	453.0	410.4	n.a
Number of snowfall occurred at Dzongkhag head quart	0	0	0
Damages caused by landslides			
Farmland (acres)	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a
Damages caused by floods			
Farmland (acres)	n.a	n.a	11
Houses (Number)	n.a	n.a	4
Roads (Km)	n.a	n.a	2.13
Crops affected by drought (acres)	n.a	n.a	n.a
Crops damaged by wild animals (acres)	n.a	n.a	n.a
Incidence of earthquake (Number of cases reported)	n.a	n.a	n.a
Houses damaged by earthquakes (Number)	n.a	n.a	n.a
Number of forest fires	n.a	n.a	n.a
Acreage destroyed by forest fires	n.a	n.a	n.a
Acreage of reforestation	n.a	n.a	n.a
Houses/structures damaged by fires (Number)	n.a	n.a	n.a
Mining sites (Number)	0	0	0
Quarry sites (Number)	0	1	1
Municipal waste disposal sites (Number)	1	1	1
Environmental clearance issued	11	9	16

Source: Environment Sector, Trongsa Dzongkhag and Statistical Year Books, NSB.

Note: Environmental clearance issued includes clearance issued both by Dzongkhag Environment

TABLE 10.1: DZONGKHAG 9TH AND 10TH FIVE YEAR PLAN OUTLAYS, TRONGSA
(in million Nu.)

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	0.0	n.a	n.a
Bhutan post	n.a	0.0	n.a	n.a
Telecommunication	n.a	0.0	n.a	n.a
Power	n.a	0.0	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: Planning Unit, Trongsa Dzongkhag

Note: Education budget is centralised in 10th plan and hence its not reflected.

TABLE 10.2: DZONGKHAG 9TH AND 10TH FIVE YEAR PLAN EXPENDITURE, TRONGSA
(in million Nu.)

Sectors	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: Planning Unit, Trongsa Dzongkhag

Note: Education budget is centralised in 10th plan and hence its not reflected.

TABLE 10.3: GEWOG 9TH AND 10TH FIVE YEAR PLAN OUTLAYS, TRONGSA

(In million Nu.)

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	91.456

Source: Planning Sector, Trongsa Dzongkhag

Note: Bridges and Mule Tracks covers the sector of MoWHS in the plan book.

TABLE 10.4: GEWOG 9TH AND 10TH FIVE YEAR PLAN EXPENDITURE, TRONGSA

(In million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Gewog Administration	n.a	15.638	n.a	n.a
Agriculture	n.a	54.544	n.a	n.a
Livestock	n.a	2.573	n.a	n.a
Forestry	n.a	3.006	n.a	n.a
Education	n.a	11.256	n.a	n.a
Health	n.a	2.603	n.a	n.a
Bridges and Mule Tracks	n.a	5.598	n.a	n.a
Total	n.a	95.218	n.a	n.a
Total plan Expenditure	n.a	95.218	n.a	n.a

Source: Planning Sector, Trongsa Dzongkhag

TABLE 11.1 : GROSS AND NET ENROLMENT RATE BY EDUCATION LEVEL,
TRONGSA, 2005

Details	2005
Primary school level (Class PP-VI)	2005
Gross enrolment ratio	101.0
Net enrolment ratio	79.3
LSS level (Class VII-VIII)	
Gross enrolment ratio	66.6
Net enrolment ratio	17.1
MSS level (Class IX-X)	
Gross enrolment ratio	52.7
Net enrolment ratio	21.6
HSS level (Class XI-XII)	
Gross enrolment ratio	14.4
Net enrolment ratio	13.6

Source: Socio-Economic and Demographic Indicators 2005

TABLE 11.2 : LITERACY RATE BY SEX, TRONGSA 2005

Literacy rate	2005
Male	68.7
Female	50.3
15-24 years	81.9
Male	84.7
Female	78.7

Source: Socio-Economic and Demographic Indicators 2005

TABLE 11.3 : DISTANCE TO THE NEAREST SCHOOL, TRONGSA

Details	2005
Percent of household proximity to nearest school by foot	
< 1 hr	n.a
1 - 2 hrs	n.a
2 - 3 hrs	n.a
> 3 hrs	n.a

Source:PHCB 2005

TABLE 12.1 : HEALTH FACILITIES, TRONGSA

Details	
Population covered by health care (%)	na
Population access to safe drinking water (%)	86.1

Source: Socio economic indicator 2005

Note: Population access to 'safe drinking water' is as access to 'improved water source.'

TABLE 12.2 : DISTANCE TO HEALTH CENTRES, WATER SOURCES AND
SANITATION, TRONGSA 2005

Details	2005
Walking distance to health facility (% of households)	
< 1 hr	n.a
1 - 2 hrs	n.a
2 - 3 hrs	n.a
> 3 hrs	n.a
	n.a
Sources of drinking water & sanitation facility (% of households)	
Tap/pipe water	83.8
Stream water	15.4
Other sources	0.8
With toilet facility	86.2
Without toilet	13.8

Source: PHCB 2005

Note: Stream water means water source from spring, river and pond water.

TABLE 13.1 : ECONOMIC ACTIVITIES, TRONGSA

Details	
Proximity to nearest market (% of households)	
<1 hr	n.a
1-2 hrs	n.a
2-4 hrs	n.a
>4 hrs	n.a

TABLE 13.2 : ACCESS TO CREDIT FACILITIES, TRONGSA

Details	
Households by access to credit/loan facilities(%)	
Bank	n.a
BDFC/RICB	n.a
Relatives/friends	n.a

Source: BLSS 2007

TABLE 14.1 : EMPLOYMENT BY INDUSTRIES, AGE-GROUP AND SEX,
TRONGSA 2005

Details	2005
Total labour force (Number)	5387
Total employed (%)	98.0
Male	56.7
Female	41.3
Unemployment rate	2.0
Total employed in Agriculture (%)	49.7
Male	21.6
Female	28.1
Total employed in Industries (%)	19.7
Male	16.5
Female	3.2
Total employed in Services (%)	11.3
Male	7.6
Female	3.7
Total unemployed by area (%)	2.0
Urban	0.5
Rural	1.5
Total un-employed by education (%)	n.a
Total unemployed grade XII and above	n.a
Total unemployed below grade XII	n.a
Total under employed (%)	n.a
Employed by age-group (%)	n.a
15-17 years	n.a
18-24 years	n.a
25-64 years	n.a
65 years and above	5.6
Unemployed by age-group (%)	n.a
15-17 years	n.a
18-24 years	n.a
25-64 years	n.a
65 years and above	n.a
Labor force participation rate (%)	40.1
Male participation rate	n.a
Female participation rate	na

Source:PHCB 2005

Note: sum of percentages of all sectors may not come to the total employed % (98.03) as employment of 1019 persons of other category is not included.

TABLE 15.1 : RENEWABLE NATURAL RESOURCES, TRONGSA 2009

Agriculture	2009
Wet land holding (Number)	
Holdings < 1 acre	n.a
Holdings 1-5 acres	n.a
Holdings >5 acres	n.a
Total wet land (Acres)	2575.350
Dry land holding (Number)	
Holdings < 1 acre	n.a
Holdings 1-5 acres	n.a
Holdings >5 acres	n.a
Total dry land (Acres)	4661.230
Orchard land holding (Number)	
Holdings < 1 acre	n.a
Holdings 1-5 acres	n.a
Holdings >5 acres	n.a
Total orchard (Acres)	153.940
Pasture land (Acres)	n.a

Source: Agriculture Census 2009

Note: Data obtained from <http://www.rnrstat.bt>

TABLE 16.1 : WALKING DISTANCE TO NEAREST ROAD BY
HOUSEHOLDS, TRONGSA, 2005

Details	2005
Walking distance to road head (% of households)	
< 1 hr	71.5
1-2 hrs	7.3
2-5 hrs	14.4
> 5 hrs	6.8

Source: Socio-Economic and Demographic Indicators 2005

Note: Walking distance is the distance to the nearest motor road.

TABLE 17.1 PERCENTAGE OF HOUSEHOLDS HAVING TELECOMMUNICATION,
TRONGSA, 2005

(in percent)

Details	2005
Households with TV sets	13.9
Households owning computer	0.6
Households owning radios	67.2

Source: Socio-Economic and Demographic Indicators 2005

Note: TV sets includes TV and Video and Radios includes Radio and Tape player.

TABLE 18.1 : CULTURE, TRONGSA, 2008

Details	2008
Number of Dzongs*	1
Number of Chortens	n.a
Number of Lakhangs*	93
Private*	26
Community*	54
Government*	13
Number of Temples	n.a
Private	n.a
Community	n.a
Government	n.a
Number of Chukhor/Dungkhor	n.a
Number of religious personnel, centres and sites*	
Nuns*	95
Gelongs*	359
Gomchens*	77
Pawo/jomo/terda/nyerjom**	3
Shedra**	1
Gomdeys/Drubda**	1
Cremation grounds**	2
Community tshechus**	10
Hot springs**	0
Menchu**	2
Pilgrimage sites (Nyes)**	7
Drupchu**	7
Number of Cultural industries and units	
Movie making**	0
Weaving centre**	0
Dapa/phop**	0
Wood and craft**	0
Bhutanese paper manufacturing**	0
Number of households manufacturing	
Dung**	0
Jaling**	0
Drum (nga)**	1
Bangchung	n.a
Tshazow	n.a

TABLE 18.1 : CULTURE, TRONGSA, 2008

Details	2008
Number of centres performing arts	n.a
Singing/Dancing**	0
Mask Dances**	0

Source: *GIS Infrastructure Mapping 2008

** Dratshang Office, Trongsa.

TABLE 19.1 : ENVIRONMENT, TRONGSA, 2005

Details	2005
Forest coverage (%) *	84.13
Households using fuel wood (%)	72.7
Households using electricity (%)	24
Number of Protected spring water sources	n.a
Number of Lakes	n.a

Source: Socio-Economic and Demographic Indicators 2005

Note: * Source from Tenth Plan document, GNHC and figure is not particularly for the year 2005

TABLE 20.1: POVERTY, DEPENDENCY RATIO AND HOUSING CONDITION
TRONGSA, 2005 & 2007

Details	2007
Population below total poverty line (%)	22.2
Households below total poverty line (%)	4.8
Population below food poverty line (%)	14.4
Households below food poverty line (%)	2.9
Households availing rural credit (%)	n.a
Average annual household expenditure (Nu.)	14,138
Landless households (%)	n.a
Dependency	
Child dependency ratio	n.a
Old age dependency ratio	n.a
Overall dependency ratio	n.a
Housing condition	2005
Household with straw/leaves roof (%)	0.3
Household with bamboo roof (%)	18.3
Household with metal roof (%)	65.1
Household with concrete/tiles roof (%)	0.7
Household with shingles roof (%)	12
Number of persons per room	5
Number of households living in own dwelling	n.a
Number of households living in rented house	n.a
Ownership of assets (Number)	2005
Households with land/plot	1929
Households owning livestock	1334
Households owning vehicle	176
Households owning refrigerator	158
Households owning washing machine	35
Households owning rice cooker	n.a

Source: PAR 2007 and PHCB 2005