



ANNUAL DZONGKHAG STATISTICS

2010



Dzongkhag Administration
TRASHIGANG

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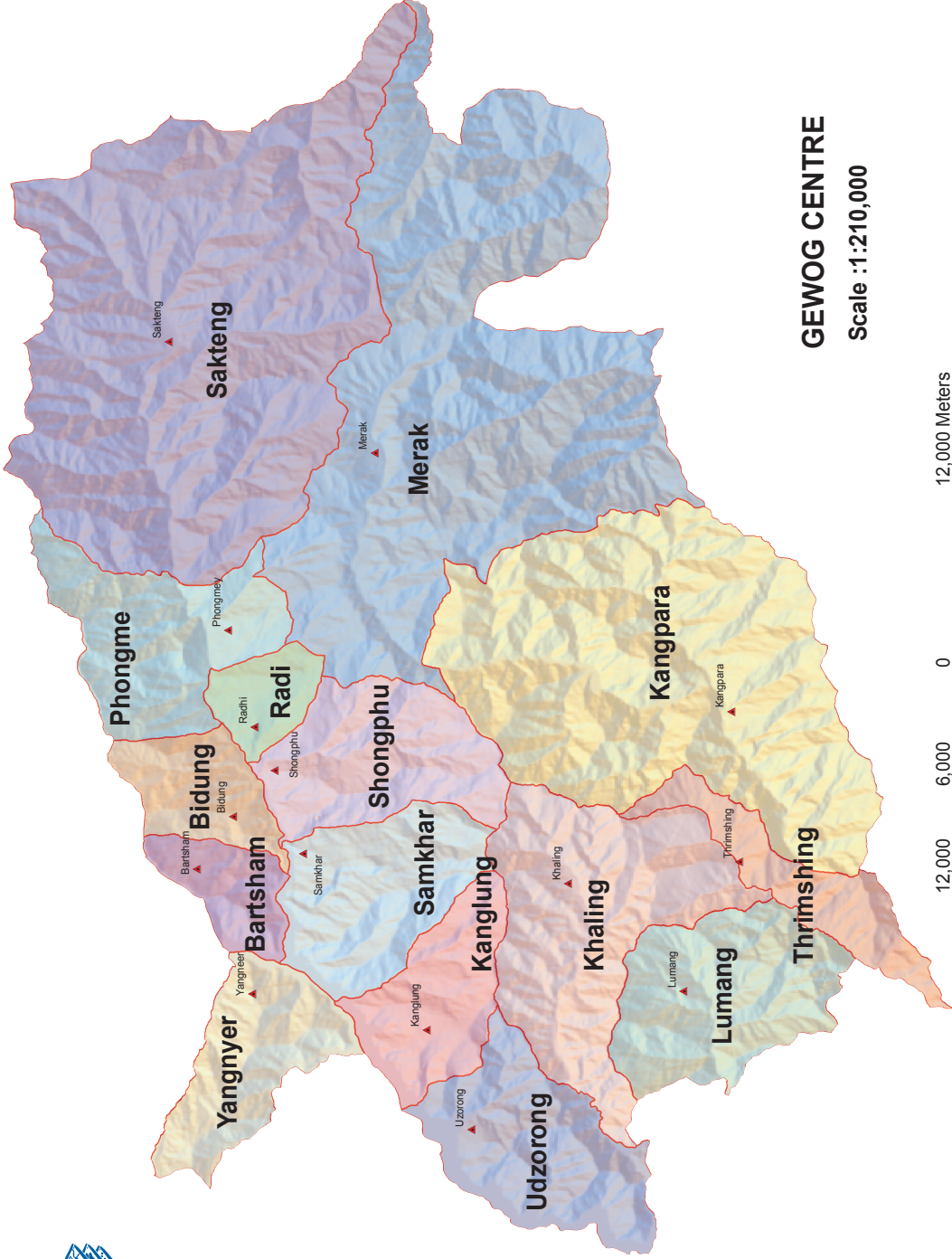
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TRASHIGANG DZONGKHAG



GEWOG CENTRE

Scale : 1:210,000



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 Trashigang is the first 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 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

Trashigang Dzongkhag is bordered by Mongar Dzongkhag in the west, Samdrup Jongkhar and Pemagatshel Dzongkhag in the South, Trashy Yangtse Dzongkhag in the north and Indian state of Arunachal Pradesh in the east. Trashigang is one of the largest Dzongkhags in the country with a total land area of 3,066.90 Sq. Km. In 2009; the projected population for the Dzongkhag was 51,781. Dangme chu, which is one of the largest rivers in the country passes through the Dzongkhag. The elevation in the Dzongkhag ranges from 600 to 4500 meters above the mean sea level. The climate is mainly temperate with an annual rainfall between 1000 to 2000 mm.

Trashigang Dzongkhag has three Dungkhags namely; Sakteng, Wamrong and Thrimshing. It has fifteen Gewogs viz; Bartsham, Bidung, Kanglung, Kangpara, Khaling, Lumang, Merak, Phongmey, Radhi, Sakteng, Samkhar, Shongphu, Thrimshig, Uzorong and Yangneer. Majority of the people depend on livestock and subsistence agricultural farming.

The Dzongkhag has 6 Extended Classroom, 35 Community Pry Schools, 12 Primary Schools, 8 Lower Secondary Schools, 5 Middle Secondary Schools, 3 Higher Secondary Schools, 1 National Institute for the Visually Impaired, 1 Institute of Electrical Engineering in Rangjung and 1 tertiary education center (Sherubtse College) which sums up to 72 schools/institutes with total students of 14,379 in 2010. There are 3 hospitals (including IMTART, RBA), 22 Basic Health Unit (both grade I & II), 3 sub posts and 57 Out Reach Clinics rendering public health and 85.5 % of the population has access to safe drinking water supply. Almost all the Gewogs have good road network except for a few Gewogs like Merak, Sakteng and Kangpara which pose considerable problem in delivering developmental services to the people in these Gewogs.

Trashigang Dzong was built in 1659 by Trongsa Penlop, Chogyel Minjur Tempa the 3rd Deb of Bhutan and was named as "Bengkhar". But it was later renamed as Trashigang, "the Fortress of the Auspicious Mountain".

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

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 Parthusis 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		

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TABLE 1.1: GENERAL INFORMATION, TRASHIGANG 2005-2009

Details	2005	2006	2007	2008	2009
Dzongkhag area (Sq. Km) ^(c)	3150.0	3066.9	3066.9	3066.9	3066.9
Population (Number) ^{* (b)}	51134	49523	50271	51024	51781
Population density (Persons per Sq. Km)	16	16	16	17	17
Population sex ratio ^{** (a)}	104	104	103	103	103
Administration (Number) ^(c)					
Drungkhags	3	3	3	3	3
Gewogs	16	15	15	15	3
Chiwogs	260	252	252	252	252
Villages ^{***}	260	252	252	252	252
Households ^{**** (a)}	10813	10281	10281	10281	10281
Towns ^{**** (a)}	6	6	6	6	6

Note: *- Figure based on PHCB 2005 projected

** - Male per every 100 Female

*** - Chewogs is considered as villages since there is no clear cut defination of the villages

**** - Figures of PHCB 2005

Source: ^(a)-PHCB 2005, ^(b)-Dzongkhag Population Projection 2006-2015 and

^(c)-Dzongkhag Administration Trashigang

TABLE 1.2 : LOCAL GOVERNANCE, TRASHIGANG 2007-2009

Details	2007	2008	2009
Local governance (Number)			
Total Gewog Tshogpas*	131	131	131
Male	121	121	121
Female	10	10	10
Total Mangmis*	15	15	15
Male	15	15	15
Female	0	0	0
Total Chupons*	256	256	256
Male	243	243	243
Female	13	13	13
DYT members*	31	31	31
Male	31	31	31
Female	0	0	0
GYT members*	161	161	161
Male	151	151	151
Female	10	10	10
Polling stations***	n.a	88	n.a
Eligible voters (18 years and above)**	n.a	65011	n.a
Male	n.a	32881	n.a
Female	n.a	32130	n.a
Parliamentarians***	n.a	6	n.a
Male	n.a	5	n.a
Female	n.a	1	n.a
Total Dzongkhag Adm. Staff ** (a)	n.a	1226	214
Male	n.a	927	115
Female	n.a	299	99
Police stations	n.a	n.a	n.a

Note: (a)-2008 teachers are included , 2009 Includes only staffs working under Dzongkhag and Dungkag Administration but exclude ESP and GSC

Source: *-Secretary to DYT, **-Human Resource Sector & ***-Dzongkhag Electrol Sector, Trashigang

TABLE 2.1: POPULATION BY AGE AND SEX, TRASHIGANG 2006-2009

Age-group by sex	2006	2007	2008	2009
Total	49523	50271	51024	51781
0-4	5243	5570	5893	6211
5-9	5153	5015	4898	4799
10-14	5546	5457	5355	5248
15-19	5451	5468	5477	5470
20-24	5117	5157	5191	5223
25-29	4585	4674	4754	4825
30-34	3813	3940	4073	4202
35-39	3185	3268	3353	3446
40-44	2588	2678	2774	2871
45-49	2132	2186	2243	2309
50-54	1758	1803	1851	1901
55-59	1442	1473	1507	1544
60-64	1165	1187	1211	1237
65+	2345	2395	2444	2494
Male	25234	25565	25902	26243
0-4	2556	2716	2874	3030
5-9	2526	2453	2392	2340
10-14	2740	2690	2634	2577
15-19	2732	2727	2721	2709
20-24	2646	2647	2644	2641
25-29	2411	2452	2487	2515
30-34	2029	2090	2154	2216
35-39	1700	1744	1789	1836
40-44	1363	1414	1469	1524
45-49	1112	1140	1170	1206
50-54	913	936	960	986
55-59	744	760	777	796
60-64	596	607	618	631
65+	1166	1189	1213	1235
Female	24289	24706	25122	25538
0-4	2687	2854	3019	3181
5-9	2627	2562	2506	2459
10-14	2806	2767	2721	2671
15-19	2719	2741	2756	2761
20-24	2471	2510	2547	2582
25-29	2174	2222	2267	2310
30-34	1784	1850	1919	1986

TABLE 2.1 (contd.): POPULATION BY AGE AND SEX,
TRASHIGANG 2006-2009

Age-group by sex	2006	2007	2008	2009
35-39	1485	1524	1564	1610
40-44	1225	1264	1305	1347
45-49	1020	1046	1073	1103
50-54	845	867	891	915
55-59	698	713	730	748
60-64	569	580	593	606
65+	1179	1206	1231	1259

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

Source: Dzongkhag Population Projection 2006-2015

TABLE 3.1: NUMBER OF SCHOOLS, INSTITUTIONS, TEACHERS AND STUDENTS, TRASHIGANG 2008-2010

Details	CPS	PS	ISS	MSS	HSS	College*	Pvt.	Other Inst.**	NFE Centres	Daycare Centres	Total
2008											
Number of schools and institutions	35	11	10	2	3	1	n.a	2	n.a	n.a	64
Teaching staff											
Bhutanese	152	84	148	47	74	44	n.a	25	n.a	n.a	574
Male	123	54	104	26	61	33	n.a	21	n.a	n.a	422
Female	29	30	44	21	13	11	n.a	4	n.a	n.a	152
Non-Bhutanese	n.a	n.a	n.a	n.a	n.a	40	n.a	2	n.a	n.a	42
Male	n.a	n.a	n.a	n.a	n.a	33	n.a	2	n.a	n.a	35
Female	n.a	n.a	n.a	n.a	n.a	7	n.a	0	n.a	n.a	7
Temporary teachers	0	0	0	0	0	0	n.a	0	n.a	n.a	0
Male	0	0	0	0	0	0	n.a	0	n.a	n.a	0
Female	0	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	760	n.a	220	n.a	n.a	11,761
Male	1,697		2,040		1,091	504	n.a	152	n.a	n.a	5,484
Female	1,555	1,025	1,981	650	742	256	n.a	68	n.a	n.a	6,277
Student to teacher ratio	21.39	12.20	27.17	13.83	24.77	9.05	n.a	8.15	n.a	n.a	117

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

Details	CPS	PS	ISS	MSS	HSS	College*	Pvt.	Other Inst.**	NFE Centres	Daycare Centres	Total
2009											
Number of schools and institutions	35	12	9	4	3	1	n.a	2	n.a	n.a	66
Teaching staff											
Bhutanese	163	87	118	74	46	64	n.a	29	n.a	n.a	581
Male	n.a	n.a	n.a	n.a	n.a	44	n.a	24	n.a	n.a	68
Female	n.a	n.a	n.a	n.a	n.a	20	n.a	5	n.a	n.a	25
Non-Bhutanese	1	1	13	8	35	38	n.a	3	n.a	n.a	99
Male	n.a	n.a	n.a	n.a	n.a	34	n.a	3	n.a	n.a	37
Female	n.a	n.a	n.a	n.a	n.a	4	n.a	0	n.a	n.a	4
Temporary teachers	0	0	0	0	0	0	n.a	0	n.a	n.a	0
Male	0	0	0	0	0	0	n.a	0	n.a	n.a	0
Female	0	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	936	n.a	227	n.a	n.a	13,806
Male	1,699	1,221	1,669	868	1,100	598	n.a	137	n.a	n.a	7,292
Female	1,552	1,138	1,643	962	791	338	n.a	90	n.a	n.a	6,514
Student to teacher ratio	19.82	26.81	25.28	22.32	23.35	9.18	n.a	7.09	n.a	n.a	134
2010											
Number of schools and institutions	35	12	8	5	3	1	n.a	2	n.a	n.a	66
Teaching staff											

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

Details	GPS	PS	LSS	MSS	HSS	College*	Pvt.	Other Inst.**	NFE Centres	Daycare Centres	Total
Bhutanese	169	98	108	91	55	69	n.a	29	n.a	n.a	619
Male	133	69	72	57	44	48	n.a	24	n.a	n.a	447
Female	36	29	36	34	11	21	n.a	5	n.a	n.a	172
Non-Bhutanese	0	2	11	8	28	34	n.a	3	n.a	n.a	86
Male	0	2	8	6	20	29	n.a	3	n.a	n.a	68
Female	0	0	3	2	8	5	n.a	0	n.a	n.a	18
Temporary teachers	0	0	0	0	0	0	n.a	0	n.a	n.a	0
Male	0	0	0	0	0	0	n.a	0	n.a	n.a	0
Female	0	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	1,071	n.a	243	n.a	n.a	14,379
Male	1,634	1,180	1,426	1,202	894	643	n.a	145	n.a	n.a	7,124
Female	1,582	1,142	1,414	1,191	715	428	n.a	98	n.a	n.a	6,570
Student to teacher ratio	18.67	30.62	23.94	24.20	19.31	10.40	n.a	7.59	n.a	n.a	135

Note: **Other Institutes** includes National Institute for the Visually Impaired & Ranjung Institute of Electrical Engineering

Source: * - Sherubtse College, Kanglung,

** - National Institute for the Visually Impaired & Ranjung Institute of Electrical Engineering
Dzongkhag Education Sector, Trashigang

TABLE 3.2: SCHOOL ENROLMENT BY LEVEL OF EDUCATION ,
TRASHIGANG 2008-2010

Class	2008*	2009	2010
Primary level			
Total	6244	8163	8201
Class PP	1005	1187	1229
Class I	934	1185	1221
Class II	965	1231	1204
Class III	847	1203	1177
Class IV	895	1203	1253
Class V	848	1110	1086
Class VI	750	1044	1031
Male	3165	4155	4141
Class PP	497	571	622
Class I	468	582	581
Class II	516	648	605
Class III	439	631	606
Class IV	449	621	662
Class V	421	561	543
Class VI	375	541	522
Female	3079	4008	4060
Class PP	508	616	607
Class I	466	603	640
Class II	449	583	599
Class III	408	572	571
Class IV	446	582	591
Class V	427	549	543
Class VI	375	503	509
Secondary level			
Total	2315	4461	6318
Class VII	679	1015	1054
Class VIII	613	890	904
Class IX	451	906	892
Class X	336	786	676
Class XI	118	372	407
Class XII	118	492	375
Male	1123	2379	4271
Class VII	331	515	527
Class VIII	297	434	481

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

Class	2008*	2009	2010
Class IX	219	470	439
Class X	168	412	353
Class XI	51	241	228
Class XII	57	307	233
Female	1192	2082	2047
Class VII	348	500	527
Class VIII	316	456	423
Class IX	232	436	453
Class X	168	374	323
Class XI	67	131	179
Class XII	61	185	142

Note: *- 2008 Data from schools under 2 Dungkags
(Thrimshing & Wamrong) not included

Source: Dzongkhag Education Sector, Trashigang

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

Details	2008*	2009	2010
Students in primary school level (Class PP-VI)			
Total	6062	8163	8166
Age < 6 years	143	183	209
Age 6-12 years	4898	6637	6597
Age 13 & above	1021	1343	1360
Male	3080	4155	4125
Age < 6 years	75	82	98
Age 6-12 years	2485	3346	3294
Age 13 & above	520	727	733
Female	2982	4008	4041
Age < 6 years	68	101	111
Age 6-12 years	2413	3291	3303
Age 13 & above	501	616	627
Student in LSS level (Class VII-VIII)			
Total	1292	1905	1958
Age < 13 years	41	79	59
Age 13-14 years	470	694	749
Age 15 & above	781	1132	1150
Male	628	949	1008
Age < 13 years	20	38	28
Age 13-14 years	227	341	370
Age 15 & above	381	570	610
Female	664	956	950
Age < 13 years	21	41	31
Age 13-14 years	243	353	379
Age 15 & above	400	562	540
Students in MSS level (Class IX-X)			
Total	787	1692	3691
Age < 15 years	6	36	45
Age 15-16 years	321	606	570
Age 17 & above	460	1050	1066
Male	387	882	2870
Age < 15 years	2	16	24
Age 15-16 years	151	309	280

TABLE 3.3 (countd.): STUDENTS BY AGE-GROUP, SEX AND EDUCATION LEVEL, TRASHIGANG 2008-2010

Details	2008*	2009	2010
Age 17 & above	234	557	556
Female	400	810	821
Age < 15 years	4	20	21
Age 15-16 years	170	297	290
Age 17 & above	226	493	510
Students in HSS level (Class XI-XII)			
Total	236	864	782
Age < 17 years	0	132	61
Age 17-18 years	78	288	292
Age 19 & above	158	444	429
Male	108	548	461
Age < 17 years	0	64	30
Age 17-18 years	30	172	166
Age 19 & above	78	312	265
Female	128	316	321
Age < 17 years	0	68	31
Age 17-18 years	48	116	126
Age 19 & above	80	132	164

Note: *- Data from schools under 2 Dungkhags (Thrimshing & Wamrong) not included

Source: Dzongkhag Education Sector, Trashigang

TABLE 3.4: SANITATION, WATER SUPPLY AND TRAVEL DISTANCE, TRASHIGANG, 2008 to 2010

Details	2008	2009	2010
Number of schools with toilet facilities			
Flush toilet	n.a	n.a	n.a
Pit latrine	n.a	n.a	n.a
Other type	n.a	n.a	n.a
No toilet	n.a	n.a	n.a
Number of schools with water facilities			
Tap/pipe water	n.a	n.a	n.a
Pond/spring	n.a	n.a	n.a
Stream	n.a	n.a	n.a
Other	n.a	n.a	n.a

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

Details	2007	2008	2009
Number of hospitals	3	3	3
Number of BHUs	22	22	22
BHU grade I	2	2	2
BHU grade II	20	20	20
Number of ORCs	57	53	57
Number of indigenous units	3	4	4
Number of doctors	5	8	7
Number of hospital/BHU beds	n.a	107	n.a
Persons per doctor	n.a	n.a	n.a
Persons per hospital bed	n.a	n.a	n.a
Total morbidity attendance	na	143,008	n.a
Health Assistants	15	29	34
Basic health workers	16	16	17
Sister and nurses	39	15	24
Technicians	24	25	28
Indigenous dungtsho	2	2	2
Indigenous compounders/Menpas	4	4	4
Malaria workers	n.a	n.a	n.a
Village health workers	80	55	65
Births attended by skilled personnel	n.a	257	n.a
Number of births in medical facility	n.a	566	n.a
Number of children immunized			
Polio	n.a	959	n.a
DPTH	n.a	896	n.a
Measles	n.a	840	n.a
Others	n.a	1,695	n.a
Family planning acceptors by type	n.a	n.a	n.a
Condom distributed	14589	142,059	88649
Pills	2914	2,235	2760
Injection DMPA	6423	5,358	6121
IUD	85	63	83
Vasectomy	1064	839	779
Tubectomy	107	104	149
Others	n.a	n.a	n.a

Note: TB in-charge included in sister & nurses

Source: Dzongkhag Health Sector, Trashigang

TABLE 4.2: TOP TEN MORBIDITY, TRASHIGANG 2007-2009

Type of diseases (Incidence)	2007	2008	2009
Acute respiratory tract infection	29624	30815	35319
Skin diseases	15316	14842	12284
Eye diseases	7796	7018	7055
Diarrheos/dysentery	7378	6921	7928
Peptic ulcer syndrone	4810	4594	4340
Injuries	3532	2527	2267
Diseases of teeth & gum	3383	1434	1259
Hypertension	1957	1715	1442
Uninary tract infection	1639	1996	1960
Worm infestations	879	788	708

Source: Dongkhag Health Sector, Trashigang

TABLE 5.1: NUMBER OF INDUSTRIAL ESTABLISHMENT & TRANSPORT,
TRASHIGANG, 2007 TO 2009

Details	2007	2008	2009
Trade and Industries (Number)	152	129	133
Micro & retail trade licences issued	82	73	74
Micro & retail trade licences in operation	71	61	69
Wholesale trade licences issued	n.a	1	1
Wholesale trade licences in operation	n.a	1	1
Services licences issued	36	23	33
Services licences in operation	18	17	30
Manufacturing licenses issued	1	8	8
Manufacturing licenses in operation	1	4	8
Public Transport operators (Numbers)	n.a	n.a	n.a
Bus	n.a	n.a	n.a
Taxi	n.a	n.a	n.a
Others	n.a	n.a	n.a
Industries by type (Number)	n.a	n.a	n.a
Agro based	na	na	2
Forestry based	1	4	3
Mineral based	36	27	36
Others	n.a	n.a	n.a
Industries by scale (Number)	n.a	n.a	n.a
Large	n.a	n.a	n.a
Medium	n.a	n.a	n.a
Small	1	4	3
Cottage	36	27	36
Contract firms (Number)	n.a	n.a	n.a
A	n.a	n.a	n.a
B	n.a	n.a	n.a
C	n.a	n.a	n.a
D (Petty)	33	24	17

Source: Regional Trade & Industry Office, Ministry of Economic Affairs, Mongar

TABLE 6.1: RENEWABLE NATURAL RESOURCES, TRASHIGANG 2007-2009

Agriculture	2007	2008	2009
Irrigation for agriculture			
Number of irrigation channels	n.a	n.a	46
Functional	n.a	n.a	41
Non Functional	n.a	n.a	5
Total length of channels (Km)	n.a	n.a	113.15
Area covered by irrigation (Acres)	n.a	n.a	5920
Number of households benefitted	n.a	n.a	1863
Number of food processing units	n.a	n.a	n.a
Number of agriculture mills *	n.a	n.a	n.a
Number of livestock product processing units	n.a	n.a	n.a
Number of farmer association/groups	n.a	n.a	53
Agriculture	n.a	n.a	3
Livestock	n.a	n.a	21
Forestry	n.a	n.a	29
Number of power tillers	n.a	n.a	7

Source : Dzongkhag Agriculture Sector, Trashigang

TABLE 6.2: AGRICULTURAL PRODUCTION, TRASHIGANG 2007-2009

Details	2007	2008	2009
Paddy			
Area (Acres)	2552	na	2208
Production (MT)	283.25	na	314.19
Price per Kg(Nu.)	na	na	25
Maize			
Area (Acres)	5401	na	6239
Production (MT)	705.15	na	706.52
Price per Kg(Nu.)	na	na	10
Wheat			
Area (Acres)	771.05	na	79
Production (MT)	25.14	na	7.6
Price per Kg(Nu.)	na	na	na
Barley			
Area (Acres)	1365		228
Production (MT)	70.12	na	23.44
Price per Kg(Nu.)	na	na	na
Buckwheat			
Area (Acres)	1767	na	629.2
Production (MT)	49.5	na	24.19
Price per Kg(Nu.)	na	na	na
Millet			
Area (Acres)	245	na	106.2
Production (MT)	9.63	na	4.32
Price per Kg(Nu.)	na	na	na
Fruits			
Apples			
Number of fruit bearing trees	8343	na	452
Production (Kg)	50378	na	8639
Production (Nu.)	na	na	na
Oranges/ Mandarin			
Number of fruit bearing trees	20380	na	15177
Production (Kg)	516411	na	450384
Production (Nu.)	1344000	1011607.5	1565477.85
Banana			
Number of fruit bearing trees	12900	na	3961
Production (Kg)	125388	na	32678
Production (Nu.)	na	na	na

TABLE 6.2 (contd.): AGRICULTURAL PRODUCTION, TRASHIGANG 2007-2009

Details	2007	2008	2009
Pear			
Number of fruit bearing trees	5477	na	2161
Production (Kg)	159834	na	58522
Production (Nu.)	na	na	na
Plum			
Number of fruit bearing trees	3041	na	1613
Production (Kg)	84278	na	56162
Production (Nu.)		na	
Areca Nut			
Production (Pon)	na	na	na
Production (Nu.)	na	na	na
Vegetables and Spices			
Potato			
Production (kg)	6777067	na	3964731
Production (Nu.)	20892002	18172567	51137958.3
Chili			
Production (kg)	825147	na	921080
Production (Nu.)	na	na	na
Onion			
Production (kg)	na	na	31892
Production (Nu.)	na	na	na
Cabbage			
Production (kg)	337225	na	100084
Production (Nu.)	na	na	na
Cauliflower			
Production (kg)	47124	na	32707
Production (Nu.)	na	na	na
Asparagus			
Production (Bundles)	na	na	na
Production (Nu.)	na	na	na
Tomato			
Production (Kg)	47738	na	29008
Production (Nu.)	na	na	na
Carrot			
Production (Kg)	na	na	6665
Production (Nu.)	na	na	na

TABLE 6.2 (contd.): AGRICULTURAL PRODUCTION, TRASHIGANG 2007-2009

Details	2007	2008	2009
Egg Plant (Brinjal)			
Production (Kg)	20290	na	10736
Production (Nu.)	na	na	na
Raddish			
Production (Kg)	637555	na	458680
Production (Nu.)	na	na	na
Ginger			
Production (Kg)	63259	na	13284
Production (Nu.)	na	na	na
Cardamom			
Production (Kg)	n.a	n.a	133
Production (Nu.)	n.a	n.a	n.a
Garlic			
Production (Kg)	149729	n.a	126765
Production (Nu.)	n.a	n.a	n.a
Oil seeds and legumes			
Lentils			
Production (Kg)	n.a	n.a	472
Production (Nu.)	n.a	n.a	n.a
Mustards			
Production (Kg)	154565	n.a	145296
Production (Nu.)	n.a	n.a	n.a
Beans			
Production (Kg)	16399	n.a	85347
Production (Nu.)	n.a	n.a	n.a

Source : Dzongkhag Agriculture Sector, Trashigang

Table 6.3: LIVESTOCK POPULATION, TRASHIGANG 2007-2009

Details	2007	2008	2009
Livestock (Number)			
Cattle	21730	23319	26645
Local breed	15806	15669	21652
male	4261	4491	6795
Female	11545	11178	14857
Improved breed	5924	7650	4993
male	955	968	830
Female	4969	6682	4163
Mithun	6800	7343	41
Bufallo	n.a	n.a	n.a
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Horse	4296	6067	3595
Local breed	4217	5796	3584
Improved breed	79	271	11
Yak	11813	11093	5971
Male	3915	2976	2059
Female	7898	8117	3912
Sheep	2866	2049	2227
Local breed	2866	2049	2227
Improved breed	n.a	n.a	n.a
Pig	1700	1242	858
Local breed	1060	848	476
Improved breed	640	394	382
Poultry	11802	16384	12009
Local breed	9531	14314	10090
Improved breed	2271	2070	1919
Goat	129	0	85

Note: Mule & donkey included in local breed, improved breed of cattle includes jersery & brown
Source : Livestock Statistics 2007 & 2008, Department of Livestock, MoA & Dzongkhag Livestock

Table 6.4: LIVESTOCK PRODUCTS, TRASHIGANG 2007-2009

Details	2007	2008	2009
Livestock products			
Fresh Milk (Liters)	2713980	2171780	2949590
Butter (Kg)	179690	155730	215640
Fresh Cheese (Kg)	351350	277750	347741
Processed cheese (kg)	n.a	n.a	n.a
Eggs (Dozen)	161849	54906	49583
Fish (Kg)	n.a	n.a	n.a
Beef (Kg)	69240	88980	49231
Pork (Kg)	39090	17710	5984
Yak Meat (Kg)	14840	13570	1939
Mutton (Kg)	50	140	204
Honey (Gm)	n.a	n.a	n.a
Chicken (Kg)	n.a	n.a	n.a

Source : Livestock Statistics 2007 & 2008, Department of Livestock, MoA & Dzongkhag Livestock

Table 6.5: FORESTRY PRODUCTS, TRASHIGANG 2007-2009

Details	2007	2008	2009
Wood Forest Product			
Log Form (Cft)	n.a	n.a	n.a
Fire wood (Cubic metres)	3147.5	5208	907
Flag Poles (Number)	764	560	900
Shinglap (Number of trees)	41	32	6
Cham (Number of trees)	243	978	757
Tsim (Number of trees)	745	417	485
Non-Wood Forest Product			
Mushroom billets (Cubic metres)	0	0	1800
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)	744	650	151
Stones (Truck Load)	432	1907	847
Bamboo (Number)	83495	62956	48396
Cane (Bundles)	0	10	0
Lemon grass (Kg)	n.a	n.a	n.a

Source : Divisional Forest Office, Trashigang

TABLE 7.1: INFRASTRUCTURE, TRASHIGANG 2007-2009

Details	2007	2008	2009
Roads (Length in Km)	n.a	451.115	451.115
Farm roads	n.a	118.250	118.250
Feeder roads	n.a	118.310	118.310
Forest roads	n.a	8.500	8.500
Highways/Dzongkhag roads	n.a	126.000	126.000
Bridges (Number)	34	35	35
Suspension bridges	7	7	7
Suspended	14	15	15
Bailey bridges	11	11	11
Traditional bridges	2	2	2
Auto workshop centres	2	2	2
Bus stations	1	1	1
Post offices	1	1	1
Banks	2	2	2

Note: Banks includes only Bank of Bhutan & Bhutan National Bank

Source: Annual Information Bulletin, MoWHS, 2009 & Dzongkhag Engineering Sector, Trashigang

TABLE 8.1: TELECOMMUNICATION, TRASHIGANG 2007-2009

Details	2007	2008	2009
Telecommunications (Number)			
Households with fixed telephone connections	13181	13273	11552
Community information centres	1	0	1
Gewogs accessible to mobile services	13	13	13
Households with internet access	50	120	450

Source: Bhutan Telecom, Trashigang

TABLE 9.1: ENVIRONMENT, TRASHIGANG 2007-2009

Details	2007	2008	2009
Total cultivated land (Acres)	12101.05	n.a	9489.3
Temperature (Degree Celcius)			
Avg. Max (Annual)	n.a	24.7	n.a
Avg. Min (Annual)	n.a	4.1	n.a
Rainfall (Millimeter)			
Avg. Annual rainfall	n.a	116.715	n.a
Number of snowfall occurred at Dzongkhag head quarter	0	0	0
Damages caused by landslides			
Farmland (acres)	n.a	n.a	0.38
Houses (Number)	n.a	n.a	na
Roads (Km)	n.a	n.a	n.a
Damages caused by floods			
Farmland (acres)	n.a	n.a	12.25
Houses (Number)	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a
Crops affected by drought (acres)	n.a	n.a	12.25
Crops damaged by wild animals (acres)	n.a	n.a	55.77
Incidence of earthquake (Number of cases reported)	n.a	n.a	n.a
Houses damaged by earthquakes (Number)	n.a	n.a	324
Number of forest fires	16	6	9
Acreage destroyed by forest fires	564.6	3596.0	1204.2
Acreage of reforestation	291.6	159.7	318.8
Houses/structures damaged by fires (Number)	n.a	n.a	n.a
Mining sites (Number)	n.a	n.a	n.a
Quarry sites (Number)	n.a	n.a	n.a
Municipal waste disposal sites (Number)	2	2	2
Environmental clearance issued	n.a	26	37

Source: Dzongkhag Agriculture Sector, Dzongkhag Environment Sector & Dzongkhag Forestry Sector, Trashigang

TABLE 10.1: DZONGKHAG 8TH AND 10TH FIVE YEAR PLAN OUTLAYS,
TRASHIGANG

(in million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	157.7	n.a	174.8	n.a
Agriculture	26.7	n.a	43.2	n.a
Livestock	70.2	n.a	76.2	n.a
Forestry	9.8	n.a	5.3	n.a
Education	742.5	n.a	495.4	n.a
Health	122.6	n.a	221.9	n.a
Urban Development & Housing	88.5	n.a	165.3	n.a
Roads	14.5	n.a	-	n.a
Bhutan post	-	n.a	-	n.a
Telecommunication	-	n.a	-	n.a
Power	-	n.a	-	n.a
Trade & Industry	1.0	n.a	-	n.a
Total				
Total plan outlay	1233.5	n.a	1181.9	n.a

Source: Dzongkhag Planning Sector, Trashigang

TABLE 10.2: DZONGKHAG 9TH AND 10TH FIVE YEAR PLAN EXPENDITURE,
TRASHIGANG

(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	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

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

(In million Nu.)

Geogs	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Bartsham	n.a	n.a	20.9	n.a
Bidung	n.a	n.a	24.6	n.a
Kanglung	n.a	n.a	53.0	n.a
Kangpara	n.a	n.a	34.8	n.a
Khaling	n.a	n.a	41.0	n.a
Lumang	n.a	n.a	64.0	n.a
Merak	n.a	n.a	18.2	n.a
Phongmey	n.a	n.a	36.8	n.a
Radhi	n.a	n.a	29.7	n.a
Sakteng	n.a	n.a	44.1	n.a
Samkhar	n.a	n.a	33.7	n.a
Shongphu	n.a	n.a	36.6	n.a
Thrimshing	n.a	n.a	28.0	n.a
Uzorong	n.a	n.a	47.9	n.a
Yangneer	n.a	n.a	31.5	n.a

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

(In million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Bartsham	na	na	na	na
Bidung	na	na	na	na
Kanglung	na	na	na	na
Kangpara	na	na	na	na
Khaling	na	na	na	na
Lumang	na	na	na	na
Merak	na	na	na	na
Phongmey	na	na	na	na
Radhi	na	na	na	na
Sakteng	na	na	na	na
Samkhar	na	na	na	na
Shongphu	na	na	na	na
Thrimshing	na	na	na	na
Uzorong	na	na	na	na
Yangneer	na	na	na	na

TABLE 11.1: GROSS AND NET ENROLMENT RATIO BY EDUCATION LEVEL ,
TRASHIGANG, 2005

Details	2005
Primary school level (Class PP-VI)	
Gross enrolment ratio	90.8
Net enrolment ratio	72.0
LSS level (Class VII-VIII)	
Gross enrolment ratio	71.8
Net enrolment ratio	21.2
MSS level (Class IX-X)	
Gross enrolment ratio	55.7
Net enrolment ratio	20.0
HSS level (Class XI-XII)	
Gross enrolment ratio	25.7
Net enrolment ratio	13.8

Source: Socio Economic & Demographic Indicator 2005

TABLE 11.2: LITERACY RATE BY SEX, TRASHIGANG, 2005

Literacy rate	2005
Male	59.5
Female	34.2
15-24 years	77.9
Male	83.8
Female	71.2

Source: Socio Economic & Demographic Indicator 2005

TABLE 11.3: DISTANCE TO THE NEAREST SCHOOL, TRASHIGANG, 2005

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

TABLE 12.1: HEALTH FACILITIES, TRASHIGANG, 2005

Details	2005
Population covered by health care (%)	na
Population access to safe drinking water (%)*	83.3

Note:* Access to improved water source indicates safe drinking water

Source: Socio Economic & Demographic Indicator 2005

TABLE 12.2: DISTANCE TO HEALTH CENTRES, WATER SOURCES AND
SANITATION, TRASHIGANG, 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
Sources of drinking water & sanitation facility (% of households)	
Tap/pipe water	83.04
Stream water	15.22
Other sources	1.74
With toilet facility	86.78
Without toilet	13.22

Note: Stream water includes spring, river and pond

Source: Population & Housing Census of Bhutan, 2005

TABLE 13.1: ECONOMIC ACTIVITIES, TRASHIGANG

Details	
Proximity to nearest market (% of households)	n.a
<1 hr	n.a
1-2 hrs	n.a
2-4 hrs	n.a
>3 hrs	n.a

TABLE 13.2: ACCESS TO CREDIT FACILITIES, TRASHIGANG

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

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

Details	2005
Total labour force (Number)	21009
Total employed (%)	98.6
Male	98.3
Female	98.9
Unemployment rate	1.4
Total employed in Agriculture (%)	74.3
Male	63.0
Female	86.2
Total employed in Industries (%)	12.0
Male	15.7
Female	8.2
Total employed in Services (%)	11.2
Male	18.0
Female	4.1
Total unemployed by area (%)	
Urban	2.1
Rural	1.4
Total un-employed by education (%)	
Total unemployed grade XII and above	n.a
Total unemployed below grade XII	n.a
Total under employed (%)	n.a
Employed by age-group (%)	
15-17 years	n.a
18-24 years	97.7
25-64 years	98.8
65 years and above	99.5
Unemployed by age-group (%)	
15-17 years	n.a
18-24 years	2.3
25-64 years	1.2
65 years and above	0.5
Labor force participation rate (%)	41.1
Male participation rate	42.5
Female participation rate	39.6

Note: **Industry** includes mining/quarring, manufacturing, electricity/gas/water,

Source: Population & Housing Census of Bhutan, 2005

TABLE 15.1: RENEWABLE NATURAL RESOURCES, TRASHIGANG, 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)	2991
Dry land holding (Number)	
Holdings < 1 acre	n.a
Holdings 1-5 acres	n.a
Holdings >5 acres	n.a
Total dry land (Acres)	12234
Orchard land holding (Number)	
Holdings < 1 acre	n.a
Holdings 1-5 acres	n.a
Holdings >5 acres	na
Total orchard (Acres)	116
Pasture land (Acres)	n.a

Source:Dzongkhag Agriculture Sector, Trashigang

TABLE 16.1: WALKING DISTANCE TO NEAREST ROAD BY HOUSEHOLDS,
TRASHIGANG, 2007

Details	2007
Walking distance to road head (% of households)	
< 1 hr	62.5
1-2 hrs	8.6
2-5 hrs	14.7
>5 hrs	14.2

Source: Socio Economic & Demographic Indicator 2005

TABLE 17.1: PERCENTAGE OF HOUSEHOLDS HAVING TELECOMMUNICATION,
TRASHIGANG, 2005

Details	2005
Households with TV sets	13.9
Households owning computer	0.9
Households owning radios	62.9

(in percent)

Source: Socio Economic & Demographic Indicator 2005

TABLE 18.1: NUMBER OF CULTURAL INFRASTRUCTURE AND RELIGIOUS PERSONNEL, TRASHIGANG, 2008

Details	2008
Number of Dzongs	1
Number of Chortens	n.a
Number of Lakhangs	189
Private	71
Community	110
Government	8
Number of Temples	n.a
Private	n.a
Community	n.a
Government	n.a
Number of Chukhor/Dungkhor	23
Number of religious personnel, centres and sites	
Nuns	127
Gelongs	523
Gomchens	892
Pawo/jomo/terda/nyerjom	n.a
Shedra	9
Gomdeys/Drubda	174
Cremation grounds	n.a
Community tshechus	n.a
Hot springs	n.a
Menchu	n.a
Pilgrimage sites (Nyes)	2
Drupchu	1
Number of Cultural industries and units	
Movie making	1
Weaving centre	n.a
Dapa/phop	n.a
Wood and craft	n.a
Bhutanese paper manufacturing	n.a
Number of households manufacturing	n.a
Dung	n.a
Jaling	n.a
Drum (nga)	n.a
Bangchung	n.a
Tshazow	n.a

TABLE 18.1 (contd.): NUMBER OF CULTURAL INFRASTRUCTURE AND RELIGIOUS PERSONNEL, TRASHIGANG, 2008

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

Source: Geographic Information System Infrastructure Mapping 2008

TABLE 19.1: ENVIRONMENT, TRASHIGANG, 2005

Details	2005
Forest coverage (%)*	84.7
Households using fuel wood (%)**	73.8
Households using electricity (%)**	47.1
Number of Protected spring water sources	n.a
Number of Lakes	n.a

Note: Fuel wood & electricity for cooking

Source: *- Trashigang 10 FYP Document, GNHC & SEDI 2005

TABLE 20.1: POVERTY, DEPENDENCY RATIO AND HOUSING CONDITION,
TRASHIGANG, 2005

Details	2005
Population below total poverty line (%) [*]	29.3
Households below total poverty line (%) [*]	21.8
Population below food poverty line (%) [*]	7.0
Households below food poverty line (%) [*]	4.2
Households availing rural credit (%)	n.a
Average annual household expenditure (Nu.) ^{**}	9864
Landless households (%)	n.a
Dependency	
Child dependency ratio	58.4
Old age dependency ratio	9.1
Overall dependency ratio	67.5
Housing condition	
Household with straw/leaves roof (%)	0.1
Household with bamboo roof (%)	22.2
Household with metal roof (%)	57.5
Household with concrete/tiles roof (%)	1.7
Household with shingles roof (%)	17.6
Number of persons per room	n.a
Number of households living in own dwelling	5988
Number of households living in rented house	4825
Ownership of assets (Number)	
Households with land/plot	8072
Households owning livestock	5256
Households owning vehicle	410
Households owning refrigerator	631
Households owning washing machine	113
Households owning rice cooker	n.a

Note: * & ** - figure for 2007 not 2005

Source: PHCB 2005, ^{*} - Poverty Analysis Reprint 2007 & ^{**} - Bhutan Living Standard Survey 2007