



Annual Dzongkhag Statistics 2010



**Dzongkhag Administration
HAA**

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HAA DZONGKHAG



GEWOG CENTRE

Scale : 1:200,000

8,500 4,250 0 8,500 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.....	21
Table 7.1: Infrastructure.....	22
Table 8.1: Telecommunication.....	22
Table 9.1: Environment.....	23
Table 10.1: Dzongkhag 9th & 10th Five Year Plan Outlays.....	24
Table 10.2: Dzongkhag 9th & 10th Five Year Plan Expenditure.....	24
Table 10.3: Gewog 9th & 10th Five Year Plan Outlays.....	25
Table 10.4: Gewog 9th & 10th Five Year Plan Expenditure.....	25
Table 11.1: Gross and Net Enrolment Rate by Level.....	26
Table 11.2 Literacy Rate by Sex.....	26
Table 11.3: Distance to the Nearest School.....	26
Table 12.1: Health Coverage	27
Table 12.2: Distance to Health Centers, Water Sources and Sanitation.....	27
Table 13.1: Distance to Nearest Market by Households.....	28
Table 13.2: Percentage of Households Access to Credit Facilities.....	28
Table 14.1: Employment by Industries, Age-Group and Sex.....	29-30
Table 15.1: Renewable Natural Resources.....	30
Table 16.1: Walking Distance to Nearest Road by Households.....	31

Table 17.1: Number of Households Having Telecommunication.....	31
Table 18.1: Number of Cultural Infrastructure and Religious Personnel.....	32-33
Table 19.1: Forest Coverage & Fuel Usage in Percent.....	33
Table 20.1: Poverty, Dependency Ratio and Housing Condition.....	34

Preface

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

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

We hope that this report will serve as a source of information and guiding tool for micro-level planning and decision-making in the Dzongkhag. Statistics office, Haa would like to thank and acknowledge the support and 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

Haa Dzongkhag is situated at an elevation ranging from 1000 to 5600 meters above the sea level. It is surrounded by Tibet (China) in the north, Samtse in the southwest, Chukha in the south-east and Paro in the east respectively. The total area of the Dzongkhag is 1899.02 Sq. km. with a projected population of 12,588 in 2010.

The Dzongkhag has one Drungkhag and six Gewogs; namely Bji, Katsho, Eusu, Samar, Gakeyling and Sombaykha. The Sombaykha Drungkhag was created in 2007 to address the constraints faced by the people of 2 Gewogs of Gakeyling and Sombaykha, owing to distance factor from the Dzongkhag Headquarters.

The Dzongkhag is characterized by rugged and mountainous terrain. Topographically, Bji, Katsho, Eusu and Samar Gewogs are located in the north, while Gakeyling, Sombaykha, and Sektena and Fentena of Samar Gewog are located in the south. The two are separated by Tergola and Selala pass.

The vegetation ranges from broad leafed forest in the southern Gewogs to coniferous and sub-alpine in the central, and pure alpine vegetation in the high lands of northern Gewogs. The Dzongkhag is endowed with rich flora and fauna and about 68 percent of its area is under forest cover. It has cold and dry winter and wet and warm summer. In winter, the temperature drops to minus seven degree Celsius. The Dzongkhag experiences snow fall several times in a year starting from late October till April.

Haa has a total cultivatable agricultural land of only 2 percent of its total area. Most are dry and pasture land. Majority of the people depend on livestock and trading activities. Wheat is the main cereal crop grown in the Dzongkhag, and other crops include barley and buckwheat. In the south, cardamom and ginger constitute the principal cash crops and potato in the north. However, apples and vegetables are also grown on a moderate scale.

The Dzongkhag has 1 higher secondary school, 3 lower secondary schools, 3 primary schools and 2 community schools with a total enrolment of 3,327 students in 2010. The Bali BHU-I functions as Dzongkhag hospital, and has 3 grade II BHUs. Wangchu Lo Dzong Military Hospital also provides health services to the people of Haa Dzongkhag.

Haa has 40 Lhakhangs and is known for “White Poppy” which is one of the rare species in the country. It was opened for tourism in 2002 following the resolution of the 79th session of National Assembly.

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, HAA, 2005 TO 2010

Details	2005	2006	2007	2008	2009	2010
Dzongkhag area (Sq. Km)	n.a	n.a	1899.02	1899.02	1899.02	1899.02
Population (Number)	11,648	11,832	12,020	12,209	12,399	12,585
Population density (Persons per Sq. Km)	n.a	n.a	6.3	6.4	6.5	6.6
Population sex ratio	117	116	116	116	116	116
Administration (Number)						
Drungkhags	0	0	1	1	1	1
Gewogs	5	5	6	6	6	6
Chiwogs	n.a	n.a	33	33	33	33
Villages	n.a	n.a	96	96	96	96
Households	n.a	n.a	1,567	1,570	1,571	1,572
Towns	1	1	1	1	1	1

Source: Statistics Unit, Haa Dzongkhag and PHCB 2005

Note: 2007 onward added one more gewog

Total population for the year 2006 onwards are based on the projected population.

TABLE 1.2: LOCAL GOVERNANCE, HAA, 2007 TO 2009

Details	2007	2008	2009
Local governance (Number)			
Total Gewog Tshogpas	43	43	43
Male	n.a	42	42
Female	n.a	1	1
Total Mangmis	6	6	5
Male	5	5	4
Female	1	1	1
Total Chupons*	33	33	33
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
DYT members	12	12	12
Male	11	11	11
Female	1	1	1
GYT members	55	55	54
Male	53	53	52
Female	2	2	2
Polling stations	n.a	27	n.a
Eligible voters (18 years and above)	n.a	18,740	n.a
Male	n.a	10,350	n.a
Female	n.a	8,390	n.a
Parliamentarians	n.a	3	3
Male	n.a	3	3
Female	n.a	0	0
Total Dzongkhag Adm. Staff **			326
Male	n.a	n.a	220
Female	n.a	n.a	106
Police stations	1	1	1

Source: Dzongkhag Administration, Haa

Note: *the Chupoen is appointed turn wise from hh to hh., therefore there is no particular number of male & female.

** included only the regular staff.

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

Age-group by sex	2005	2006	2007	2008	2009	2010
Total	11,648	11,832	12,020	12,209	12,399	12,585
0-4	995	1,249	1,329	1,407	1,483	1,558
5-9	1,237	1,228	1,196	1,169	1,146	1,127
10-14	1,473	1,323	1,302	1,279	1,254	1,229
15-19	1,490	1,301	1,306	1,309	1,308	1,301
20-24	1,171	1,224	1,233	1,242	1,251	1,258
25-29	1,045	1,097	1,120	1,139	1,158	1,173
30-34	799	914	945	977	1,008	1,038
35-39	798	763	784	805	828	854
40-44	592	619	642	666	690	713
45-49	519	510	524	538	554	572
50-54	405	421	432	444	456	469
55-59	306	345	352	361	370	380
60-64	251	279	284	290	297	303
65+	567	559	571	583	596	610
Male	6,284	6,378	6,475	6,576	6,674	6,769
0-4	512	646	688	730	770	810
5-9	636	638	621	607	595	585
10-14	766	693	681	669	655	642
15-19	742	690	691	691	689	684
20-24	721	669	670	671	672	672
25-29	605	609	621	631	640	646
30-34	452	513	530	547	563	579
35-39	456	430	442	454	467	481
40-44	341	344	358	373	388	402
45-49	282	281	289	297	307	317
50-54	207	231	237	244	251	258
55-59	174	188	192	197	202	208
60-64	123	151	154	157	161	164
65+	267	295	301	308	314	321
Female	5,364	5,454	5,545	5,633	5,725	5,816
0-4	483	603	641	677	713	748
5-9	601	590	575	562	551	542
10-14	707	630	621	610	599	587
15-19	748	611	615	618	619	617
20-24	450	555	563	571	579	586
25-29	440	488	499	508	518	527
30-34	347	401	415	430	445	459

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

Age-group by sex	2005	2006	2007	2008	2009	2010
35-39	342	333	342	351	361	373
40-44	251	275	284	293	302	311
45-49	237	229	235	241	247	255
50-54	198	190	195	200	205	211
55-59	132	157	160	164	168	172
60-64	128	128	130	133	136	139
65+	300	264	270	275	282	289

Source: PHCB 2005 and Dzongkhag Population Projection 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, HAA, 2008 TO 2010

Details	CPS	PS	LSS	MSS	HSS	College	Pvt.	Other Inst.	NFE Centre	Daycare Centre	Total
2008											
Number of schools and institutions	3	3	3	n.a	1	n.a	n.a	n.a	6	n.a	16
Teaching staff	7	30	65	n.a	34	n.a	n.a	n.a	6	n.a	142
Bhutanese	7	30	62	n.a	25	n.a	n.a	n.a	6	n.a	130
Male	7	23	29	n.a	13	n.a	n.a	n.a	2	n.a	74
Female	0	7	33	n.a	12	n.a	n.a	n.a	4	n.a	56
Non-Bhutanese	0	0	1	n.a	6	n.a	n.a	n.a	0	n.a	7
Male	0	0	0	n.a	5	n.a	n.a	n.a	0	n.a	5
Female	0	0	1	n.a	1	n.a	n.a	n.a	0	n.a	2
Temporary teachers	0	0	2	n.a	3	n.a	n.a	n.a	0	n.a	5
Male	0	0	1	n.a	2	n.a	n.a	n.a	0	n.a	3
Female	0	0	1	n.a	1	n.a	n.a	n.a	0	n.a	2
Number of students	144	623	1,429	n.a	666	n.a	n.a	n.a	107	n.a	2,969
Male	60	317	689	n.a	308	n.a	n.a	n.a	35	n.a	1,409
Female	84	306	740	n.a	358	n.a	n.a	n.a	72	n.a	1,560
Student to teacher ratio	21:01	21:01	22:01	n.a	20:01	n.a	n.a	n.a		n.a	21:01
2009											
Number of schools and institutions	3	3	3	n.a	1	n.a	n.a	n.a	9	1	20

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

Details	CPs	PS	LSs	MSs	HSS	College	Pvt.	Other Inst.	NFE Centre	Daycare Centre	Total
Teaching staff	10	34	71	n.a	38	n.a	n.a	n.a	9	3	165
Bhutanese	10	34	65	n.a	28	n.a	n.a	n.a	9	3	149
Male	7	23	29	n.a	13	n.a	n.a	n.a	6	3	81
Female	3	11	36	n.a	15	n.a	n.a	n.a	3	0	68
Non-Bhutanese	0	0	1	n.a	6	n.a	n.a	n.a	0	3	10
Male	0	0	0	n.a	6	n.a	n.a	n.a	0	0	6
Female	0	0	1	n.a	0	n.a	n.a	n.a	0	0	1
Temporary teachers	0	0	5	n.a	4	n.a	n.a	n.a	0	0	9
Male	0	0	2	n.a	1	n.a	n.a	n.a	0	0	3
Female	0	0	3	n.a	3	n.a	n.a	n.a	0	0	6
Number of students	170	638	1,543	n.a	679	n.a	n.a	n.a	180	12	3,222
Male	74	318	790	n.a	323	n.a	n.a	n.a	75	7	1,587
Female	96	320	753	n.a	356	n.a	n.a	n.a	105	5	1,635
Student to teacher ratio	17:01	19:01	21:01	n.a	18:01	n.a	n.a	n.a	20:01	4:01	20:01
2010											
Number of schools and institutions											
Teaching staff	2	3	3	n.a	1	n.a	n.a	1	12	1	23
Bhutanese	9	35	65	n.a	41	n.a	2	12	3	3	167
Male	6	22	25	n.a	15	n.a	2	12	3	3	149
Female	3	13	36	n.a	12	n.a	1	5	0	0	74
									1	7	3
											75

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

Details	CPs	PS	LSS	MS	HSS	College	Pvt.	Other Inst.	NFE Centre	Daycare Centre	Total	
Non-Bhutanese	0	0	2	n.a	7	n.a	n.a	0	0	0	0	9
Male	0	0	1	n.a	6	n.a	n.a	0	0	0	0	7
Female	0	0	1	n.a	1	n.a	n.a	0	0	0	0	2
Temporary teachers	0	0	2	n.a	7	n.a	n.a	0	0	0	0	9
Male	0	0	2	n.a	5	n.a	n.a	0	0	0	0	7
Female	0	0	0	n.a	2	n.a	n.a	0	0	0	0	2
Number of students	166	625	1,582	n.a	656	n.a	n.a	43	245	10	3,327	
Male	77	308	816	n.a	320	n.a	n.a	31	53	5	1,610	
Female	89	317	766	n.a	336	n.a	n.a	12	192	5	1,717	
Student to teacher ratio	19.01	18.01	24.01	n.a	16.01	n.a	22.01	20.01	20.01	03:01	20:01	

Source: Statistics Unit & Education Sector, Haa Dzongkhag

Note : Temporary teachers: is inclusive of contract teachers

Other institute: inclusive of ectended class room (ECR)

TABLE 3.2: SCHOOL ENROLMENT BY GRADE AND SEX, HAA, 2008 TO 2010

Class	2008	2009	2010
Primary level			
Total	1,864	1,954	1,951
Class PP	279	341	331
Class I	331	314	330
Class II	306	298	274
Class III	241	341	279
Class IV	227	233	320
Class V	232	197	230
Class VI	248	230	187
Male	927	993	1,002
Class PP	146	180	182
Class I	171	158	176
Class II	148	153	142
Class III	114	171	141
Class IV	116	125	159
Class V	110	89	121
Class VI	122	117	81
Female	937	961	949
Class PP	133	161	149
Class I	160	156	154
Class II	158	145	132
Class III	127	170	138
Class IV	111	108	161
Class V	122	108	109
Class VI	126	113	106
Secondary level			
Total	285	243	247
Class VII	250	252	259
Class VIII	272	241	216
Class IX	203	266	254
Class X	195	179	226
Class XI	50	89	90
Class XII	50	61	86
Male	2,471	2,528	2,565
Class VII	118	121	133
Class VIII	105	119	102
Class IX	87	105	132
Class X	92	79	87

TABLE 3.2 (contd.): SCHOOL ENROLMENT BY GRADE AND SEX, HAA,
2008 TO 2010

Class	2008	2009	2010
Class XI	30	54	51
Class XII	31	41	50
Female	557	569	576
Class VII	132	131	126
Class VIII	167	122	114
Class IX	116	161	122
Class X	103	100	139
Class XI	20	35	39
Class XII	19	20	36

Source: Statistics Unit & Education Sector, Haa Dzongkhag

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

Details	2008	2009	2010
Students in primary school level (Class PP-VI)			
Total	1864	1954	1955
Age < 6 years	25	36	52
Age 6-12 years	844	1235	940
Age 13 & above	995	683	963
Male	927	993	1002
Age < 6 years	13	19	24
Age 6-12 years	415	622	507
Age 13 & above	499	352	471
Female	937	961	953
Age < 6 years	12	17	28
Age 6-12 years	429	613	433
Age 13 & above	496	331	492
Student in LSS level (Class VII-VIII)			
Total	462	493	478
Age < 13 years	38	42	47
Age 13-14 years	262	233	239
Age 15 & above	162	218	192
Male	233	240	235
Age < 13 years	17	18	22
Age 13-14 years	132	112	114
Age 15 & above	84	110	99
Female	229	253	243
Age < 13 years	21	24	25
Age 13-14 years	130	121	125
Age 15 & above	78	108	93
Students in MSS level (Class IX-X)			
Total	2289	2328	2347
Age < 15 years	23	41	41
Age 15-16 years	2097	2103	2117
Age 17 & above	169	184	189
Male	179	184	219
Age < 15 years	13	18	20
Age 15-16 years	89	94	107
Age 17 & above	77	72	92
Female	2110	2144	2128
Age < 15 years	10	23	21

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

Details	2008	2009	2010
Age 17 & above	92	112	97
Students in HSS level (Class XI-XII)			
Total	100	149	176
Age < 17 years	19	38	33
Age 17-18 years	48	67	93
Age 19 & above	33	44	50
Male	61	94	101
Age < 17 years	10	20	20
Age 17-18 years	28	44	52
Age 19 & above	23	30	29
Female	39	55	75
Age < 17 years	9	18	13
Age 17-18 years	20	23	41
Age 19 & above	10	14	21

Source: Statistics Unit & Education Sector, Haa Dzongkhag

TABLE 3.4: NUMBER OF SANITATION & WATER FACILITIES IN SCHOOLS, HAA,
2008 TO 2010

Details	2008	2009	2010
Number of schools with toilet facilities			
Flush toilet	2	4	7
Pit latrine	10	8	5
Other type	10	10	10
No toilet	0	0	0
Number of schools with water facilities			
Tap/pipe water	3	6	9
Pond/spring	2	1	0
Stream	1	0	0
Other	0	0	0

Source: Statistics Unit & Schools under Haa dzongkhag

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

Details	2007	2008	2009
Number of hospitals	0	0	0
Number of BHUs	4	4	4
BHU grade I	1	1	1
BHU grade II	3	3	3
Number of ORCs	10	13	19
Number of indigenous units	1	1	1
Number of doctors	1	1	1
Number of hospital/BHU beds	10	15	15
Persons per doctor	1,202	814	827
Persons per hospital bed	n.a	n.a	n.a
Total morbidity attendance	n.a	n.a	n.a
Health Assistants	n.a	n.a	8
Basic health workers	n.a	n.a	n.a
Sister and nurses	n.a	n.a	5
Technicians	n.a	n.a	5
Indigenous dungtsho	1	1	1
Indigenous compounders/Menpas	1	1	1
Malaria workers	n.a	n.a	n.a
Village health workers	20	26	26
Births attended by skilled personnel	n.a	n.a	n.a
Number of births in medical facility	62	35	49
Number of children immunized	n.a	n.a	1,595
Polio	n.a	n.a	670
DPT/H	n.a	n.a	227
Measles	n.a	n.a	241
Others*	n.a	n.a	457
Family planning acceptors by type	n.a	n.a	2,692
Condom distributed	n.a	n.a	1,937
Pills	n.a	n.a	312
Injection DMPA	n.a	n.a	297
IUD	n.a	n.a	146
Vasectomy	n.a	n.a	n.a
Tubectomy	n.a	n.a	n.a
Others	n.a	n.a	n.a

Source: Dzongkhag Health Sector, Haa Dzongkhag

Note: * includes only BCG immunization

TABLE 4.2: TOP TEN MORBIDITY, HAA, 2009

Priority health problem/ Disease	2009
Common Cold	3636
Peptic Ulcar Syndrome	1417
Dental Carries	1179
Digestive System	1114
Other eye Disorder	1038
Diarrohea	947
Other disorder of skin and subcutaneous tissue	845
Acute Pharnyngitis/Tonsilitis	659
Skin Infection	617
Other Respiratory and nose disease	562

Source: Health Sector, Haa Dzongkhag

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

Details	2007	2008	2009
Trade and Industries (Number)**	n.a	n.a	n.a
Micro & retail trade licences issued	n.a	n.a	n.a
Micro & retail trade licences in operation	n.a	n.a	n.a
Wholesale trade licences issued	n.a	n.a	n.a
Wholesale trade licences in operation	n.a	n.a	n.a
Services licences issued	n.a	n.a	n.a
Services licences in operation	n.a	n.a	n.a
Manufacturing licenses issued	n.a	n.a	n.a
Manufacturing licenses in operation	n.a	n.a	n.a
Public Transport operators (Numbers)	13	25	52
Bus	2	2	3
Taxi	11	23	49
Others	n.a	n.a	n.a
Industries by type (Number)	492	505	n.a
Agro based	2	2	n.a
Forestry based	32	34	n.a
Mineral based	n.a	1	n.a
Others	458	468	n.a
Industries by scale (Number)	239	248	n.a
Large	n.a	n.a	n.a
Medium	n.a	n.a	n.a
Small	36	40	n.a
Cottage	203	208	n.a
Contract firms (Number)	253	257	n.a
A	n.a	n.a	n.a
B	5	5	n.a
C	44	44	n.a
D (Petty)	204	208	n.a

Source: SYB, NSB.

Note: ** is the number of new license issued in the respective years.

TABLE 6.1: RENEWABLE NATURAL RESOURCES, HAA, 2007 TO 2009

Agriculture	2007	2008	2009
Irrigation for agriculture			
Number of irrigation channels	n.a	3	10
Functional	n.a	3	8
Non Functional	n.a	0	2
Total length of channels (Km)	n.a	4.49	17.22
Area covered by irrigation (Acres)	n.a	79	368
Number of households benefitted	n.a	n.a	n.a
Number of food processing units	n.a	1	1
Number of agriculture mills	n.a	15	16
Number of livestock product processing units	n.a	1	n.a
Number of farmer association/groups	n.a	7	10
Agriculture	n.a	1	1
Livestock	n.a	1	2
Forestry	n.a	5	7
Number of power tillers	n.a	n.a	28

Source : Agriculture Sector, Haa Dzongkhag

TABLE 6.2: AGRICULTURAL PRODUCTION, HAA, 2007 TO 2009

Details	2007	2008	2009
Paddy			
Area (Acres)	328	600	97
Production (MT)	271	245	92
Price per Kg(Nu.)	n.a	n.a	n.a
Maize			
Area (Acres)	683	1,090	254
Production (MT)	282	453	182
Price per Kg(Nu.)	n.a	n.a	n.a
Wheat			
Area (Acres)	1,112	2,910	725
Production (MT)	613	516	325
Price per Kg(Nu.)	n.a	n.a	n.a
Barley			
Area (Acres)	245	270	48
Production (MT)	116	53	28
Price per Kg(Nu.)	n.a	n.a	n.a
Buckwheat			
Area (Acres)	948	2450	336
Production (MT)	459	412	242
Price per Kg(Nu.)	n.a	n.a	n.a
Millet			
Area (Acres)	106	216	170
Production (MT)	27	29	66
Price per Kg(Nu.)	n.a	n.a	n.a
Fruits			
Apples			
Number of fruit bearing trees	27,259	15,000	22,442
Production (Kg)	80,900	33,200	517,000
Production (Nu.)	n.a	n.a	n.a
Oranges/ Mandarin			
Number of fruit bearing trees	340	n.a	1277
Production (Kg)	700	n.a	20000
Production (Nu.)	n.a	n.a	n.a
Banana			
Number of fruit bearing trees	2515	n.a	1864
Production (Kg)	1500	n.a	24000
Production (Nu.)	n.a	n.a	n.a

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

Details	2007	2008	2009
Pear			
Number of fruit bearing trees	N.A	95	54
Production (Kg)	N.A	500	1,000
Production (Nu.)	N.A	n.a	n.a
Plum			
Number of fruit bearing trees	N.A	102	67
Production (Kg)	N.A	9,000	2,000
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)	362,100	2,006,970	3,347,000
Production (Nu.)	n.a	n.a	n.a
Chili			
Production (kg)	4,800	52,120	35,000
Production (Nu.)	n.a	n.a	n.a
Onion			
Production (kg)	n.a	13430	100
Production (Nu.)	n.a	n.a	n.a
Cabbage			
Production (kg)	35,300	32,720	46,000
Production (Nu.)	n.a	n.a	n.a
Cauliflower			
Production (kg)	400	7640	7,000
Production (Nu.)	n.a	n.a	n.a
Asparagus			
Production (kg)	400	4,570	2,000
Production (Nu.)	n.a	n.a	n.a
Tomato			
Production (Kg)	n.a	18,200	39,000
Production (Nu.)	n.a	n.a	n.a
Carrot			
Production (Kg)	2,700	11,980	8,000
Production (Nu.)	n.a	n.a	n.a

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

Details	2007	2008	2009
Egg Plant (Brinjal)			
Production (Kg)	n.a	38,030	3000
Production (Nu.)	n.a	n.a	n.a
Raddish			
Production (Kg)	136,200	142,580	181,000
Production (Nu.)	n.a	n.a	n.a
Ginger			
Production (Kg)	n.a	10640	n.a
Production (Nu.)	n.a	n.a	n.a
Cardamom			
Production (Kg)	159000	528800	29000
Production (Nu.)	n.a	n.a	N.A
Garlic			
Production (Kg)	5000	21,220	1,000
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)	73,000	80,900	36,000
Production (Nu.)	n.a	n.a	n.a
Beans			
Production (Kg)	26,000	39,690	21,000
Production (Nu.)	n.a	n.a	n.a

Source : Agriculture Sector, Haa Dzongkhag

TABLE 6.3: LIVESTOCK POPULATION, HAA, 2005 TO 2008

Details	2005	2006	2007	2008
Livestock (Number)				
Cattle	9,757	8,880	7,805	7,157
Local breed	7,534	6,811	5,749	5,211
male	2,553	1,666	1,456	1,329
Female	4,981	5,145	4,293	3,882
Improved breed	2,223	2,069	2,056	1,946
male	573	497	388	380
Female	1,650	1,572	1,668	1,566
Mithun	1,932	1,488	1,402	1,027
Buflalo	N.A	N.A	N.A	N.A
Male	N.A	N.A	N.A	N.A
Female	N.A	N.A	N.A	N.A
Horse	775	747	759	686
Local breed	775	724	739	684
Improved breed	0	23	20	2
Yak	7,765	7,520	4,874	3,583
Male	2,222	2,194	1,654	1,028
Female	5,543	5,326	3,220	2,555
Sheep	11	1	0	0
Local breed	11	1	0	0
Improved breed	0	0	0	0
Pig	464	559	805	768
Local breed	358	361	628	581
Improved breed	106	198	177	187
Poultry	2,955	3,076	3,239	3,193
Local breed	1,359	1,526	1,804	2,341
Improved breed	1,596	1,550	1,435	852
Goat	20	9	109	158

Source : Livestock Sector, Haa Dzongkhag

TABLE 6.4: LIVESTOCK PRODUCTS, HAA, 2007 TO 2009

Details	2005	2006	2007
Livestock products			
Fresh Milk (Liters)	1,239,896	923,322	581,734
Butter (Kg)	58,832	58,979	23,172
Fresh Cheese (Kg)	160,604	208,344	53,078
Processed cheese (kg)	50	13,160	n.a
Eggs (Dozen)	5,920	11,960	19,605
Fish (Kg)	n.a	n.a	n.a
Beef (Kg)	29,540	15,732	200
Pork (Kg)	1,410	23,895	28,547
Yak Meat (Kg)	30,015	23,399	24,743
Mutton (Kg)	n.a	n.a	570
Honey (Gm)	n.a	n.a	n.a
Chicken (Kg)	25	n.a	n.a

Source : Livestock Sector, Haa Dzongkhag

Note : Processed cheese includes 'Chugo'

Table 6.5: FORESTRY PRODUCTS, HAA, 2007 TO 2009

Details	2007	2008	2009
Wood Forest Product			
Log Form (Cft)	2,500	0.0	0.0
Fire wood (Cubic metres)	0	0.0	0.0
Flag Poles (Number)	2,377	960.0	1,157.0
Shinglap (Number of trees)	426	443.0	448.0
Cham (Number of trees)	3,969	3,846.0	5,429.0
Tsim (Number of trees)	3,947	4,901.0	5,566.0
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)	n.a	n.a	n.a
Stones (Truck Load)	n.a	n.a	n.a
Bamboo (Number)	n.a	n.a	n.a
Cane (Bundles)	n.a	n.a	n.a
Lemon grass (Kg)	N.A	N.A	N.A

Source : Forestry Sector, Haa Dzongkhag

Note: Fire wood per Truck Load.

TABLE 7.1: INFRASTRUCTURE, HAA, 2007 TO 2009

Details	2007	2008	2009
Roads (Length in Km)	89.2	95.7	107.3
Farm roads	17.2	20.7	26.3
Feeder roads	11	11	11
Forest roads	14	17	23
Highways/Dzongkhag roads*	47	47	47
Bridges (Number)	13	16	20
Suspension bridges	4	8	11
Suspended	2	5	7
Bailey bridges	2	0	0
Traditional bridges	5	3	2
Auto workshop centres	2	2	2
Bus stations	1	1	1
Post offices	1	1	1
Banks	1	1	1

Source: Engineering Section, Haa Dzongkhag & Infrastructure Mapping of Bhutan 2008

TABLE 8.1: TELECOMMUNICATION, HAA, 2007 TO 2009

Details	2007	2008	2009
Telecommunications (Number)			
Households with fixed telephone connections	n.a	n.a	1252
Community information centres	n.a	n.a	n.a
Gewogs accessible to mobile services	4	4	5
Households with internet access	n.a	n.a	132

Source: Bhutan Telecom Limited, Haa Dzongkhag

TABLE 9.1: ENVIRONMENT, HAA, 2007 TO 2009

Details	2007	2008	2009
Total cultivated land (Acres)	n.a	n.a	13766.76
Temperature (Degree Celcius)			
Avg. Max (Annual)	20	20	n.a
Avg. Min (Annual)	-6	-4	-5
Rainfall (Millimeter)			
Avg. Annual rainfall	132	137	135
Number of snowfall occurred at Dzongkhag head quarter	12	17	10
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	79
Houses (Number)	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a
Crops affected by drought (acres)	n.a	11	70
Crops damaged by wild animals (acres)	n.a	69	384
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)	2	7	3
Mining sites (Number)	n.a	n.a	n.a
Quarry sites (Number)	n.a	n.a	n.a
Municipal waste disposal sites (Number)	n.a	1	1
Environmental clearance issued*	n.a	3	14

Source: Environment Sector and Forestry Sector, Haa Dzongkhag

Note: *Environmental clearance issued to Farm Road only

TABLE 10.1: DZONGKHAG 9TH & 10TH FIVE YEAR PLAN OUTLAYS, HAA

(in million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil			n.a	25.115
Agriculture			n.a	9.360
Livestock			n.a	13.526
Forestry			n.a	7.500
Education			n.a	n.a
Health			n.a	25.135
Urban Development & Housing			n.a	42.980
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & Industry	n.a	n.a	n.a	n.a
Total plan outlay			n.a	123.616

Source: Planning Sector, Haa Dzongkhag

TABLE 10.2: DZONGKHAG 9TH & 10TH FIVE YEAR PLAN EXPENDITURE, HAA

(in million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	9.540
Agriculture	n.a	n.a	n.a	9.160
Livestock	n.a	n.a	n.a	5.460
Forestry	n.a	n.a	n.a	4.480
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	3.500
Urban Development & Housing	n.a	n.a	n.a	53.520
Roads	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & Industry	n.a	n.a	n.a	n.a
Total plan expenditure			n.a	85.660

Source:Planning Sector, Haa Dzongkhag

TABLE 10.3: GEWOG 9TH & 10TH FIVE YEAR PLAN OUTLAYS, HAA

(In million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Agriculture	n.a	n.a	n.a	40.785
Livestock	n.a	n.a	n.a	10.485
Forestry	n.a	n.a	n.a	8.350
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	12.15
Suspension Brige+Mule Track	n.a	n.a	n.a	n.a
Gewog Administration	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	71.77

Source:Planning Sector, Haa Dzongkhag

TABLE 10.4: GEWOG 9TH & 10TH FIVE YEAR PLAN EXPENDITURE, HAA

(In million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Agriculture	n.a	n.a	n.a	10.031
Livestock	n.a	n.a	n.a	1.518
Forestry	n.a	n.a	n.a	2.748
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	6.915
Suspension Brige+Mule Track	n.a	n.a	n.a	n.a
Gewog Administration	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	21.212

Source:Planning Sector, Haa Dzongkhag

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

Details	2005
Primary school level (Class PP-VI)	
Gross enrolment rate	102.6
Net enrolment rate	81.1
LSS level (Class VII-VIII)	
Gross enrolment rate	84.7
Net enrolment rate	32.7
MSS level (Class IX-X)	
Gross enrolment rate	77.1
Net enrolment rate	31.5
HSS level (Class XI-XII)	
Gross enrolment rate	31.7
Net enrolment rate	15.8

Source: Socio-Economic and Demographic Indicators 2005

TABLE 11.2 : LITERACY RATE BY SEX, HAA, 2005

Literacy rate	2005
Male	71.7
Female	51.3
15-24 years	
Male	74.2
Female	68.8

Source: Socio-Economic and Demographic Indicators 2005

TABLE 11.3 : DISTANCE TO THE NEAREST SCHOOL, HAA, 2010

Details	2010
Percent of household proximity to nearest school by foot	
< 1 hr	48.7
1 - 2 hrs	25.9
2 - 3 hrs	17.9
> 3 hrs	7.5

Source: Statistics Unit, Haa Dzongkhag

TABLE 12.1 : HEALTH COVERAGE, HAA, 2005

Details	2005
Population covered by health care (%)	93.7
Population access to safe drinking water (%)	87.6

Source: Socio-Economic and Demographic indicator 2005 and Dzongkhag Statistics Unit, Haa

Note: "Safe drinking water" means improved water source.

TABLE 12.2 : DISTANCE TO HEALTH CENTERS, WATER SOURCES AND SANITATION, HAA, 2005

Details	2005
Walking distance to health facility (% of households)	
< 1 hr	42.69
1 - 2 hrs	29.85
2 - 3 hrs	18.32
> 3 hrs	9.14
Sources of drinking water & sanitation facility (% of households)	
Tap/pipe water	87.6
Stream water	11.1
Other sources	1.1
With toilet facility	11.57
Without toilet	88.43

Source: PHCB 2005 and Statistic unit, Haa Dzongkhag

TABLE 13.1 : DISTANCE TO NEAREST MARKET BY HOUSEHOLDS, HAA

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

Source: Statistics Unit, Haa Dzongkhag

TABLE 13.2 : PERCENTAGE OF HOUSEHOLDS ACCESS TO CREDIT FACILITIES, HAA, 2010

Details	2010
Households by access to credit/loan facilities(%)	
Bank	25.32
BDFC/RICB	33.21
Relatives/friends	n.a

Source: BoB and BDFCL

TABLE 14.1 : EMPLOYMENT BY INDUSTRIES, AGE-GROUP AND SEX, HAA, 2009

Details	2009
Total labour force (Number)	4966
Total employed (%)	97.6
Male	97.8
Female	97.2
Unemployment rate	4
Total employed in Agriculture (%)	
Male	59.11
Female	72.12
Total employed in Industries (%)	
Male	4
Female	9.05
Total employed in Services (%)	
Male	16.06
Female	4.32
Total unemployed by area (%)	
Urban	n.a
Rural	n.a
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*	79.9
18-24 years**	91.3
25-64 years***	96.9
65 years and above	100
Unemployed by age-group (%)	
15-17 years*	20.1
18-24 years**	8.7
25-64 years***	3.1
65 years and above	0

TABLE 14.1 (Contd.) : EMPLOYMENT BY INDUSTRIES, AGE-GROUP AND SEX,
HAA, 2009

Details	2009
Labor force participation rate (%)	
Male participation rate	72.8
Female participation rate	64.5

Source: Labour Force Survey Report 2009

Note: *Age Group 15-19

** Age Group 20-24

*** Age Group 25-29

agriculture is inclusive of forestry services

industry includes mining/quarrying, manufacturing, electricity/gas/water, construction and retail/wholesale trade.

service includes hotel/restaurant, transport/communication, finance/insurance, public administration/security, education and health service.

TABLE 15.1 : RENEWABLE NATURAL RESOURCES, HAA, 2007

Agriculture	2007
Wet land holding (Number)	
Holdings < 1 acre	52.6
Holdings 1-5 acres	42.1
Holdings >5 acres	4.7
Total wet land (Acres)	95.0
Dry land holding (Number)	
Holdings < 1 acre	51.4
Holdings 1-5 acres	48.0
Holdings >5 acres	3.0
Total dry land (Acres)	1654.0
Orchard land holding (Number)	
Holdings < 1 acre	n.a
Holdings 1-5 acres	n.a
Holdings >5 acres	n.a
Total orchard (Acres)	n.a
Pasture land (Acres)	n.a

Source: RNR- CountrySTAT-Bhutan

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

Details	2005
Walking distance to road head (% of households)	
< 1 hr	84.7
1-2 hrs	3.9
2-5 hrs	0.8
> 5 hrs	10.7

Source: Socio-Economic and Demographic Indicators 2005.

TABLE 17.1 : NUMBER OF HOUSEHOLDS HAVING TELECOMMUNICATION,
HAA, 2005

Details	2005
Households with TV sets	882
Households owning computer	25
Households owning radios	1,799

Source: PHCB 2005.

TABLE 18.1 : NUMBER OF CULTURAL INFRASTRUCTURE AND RELIGIOUS PERSONNELS, HAA, 2008

Details	2008
Number of Dzongs*	3
Number of Chortens	231
Number of Lakhangs	39
Private	11
Community	15
Government	13
Number of Temples	1
Private	0
Community	1
Government	0
Number of Chukhor/Dungkhor	n.a
Number of religious personnel, centres and sites	227
Nuns	6
Gelongs	210
Gomchens	11
Pawo/jomo/terda/nyerjom**	1
Shedra	n.a
Gomdeys/Drubda	n.a
Cremation grounds	1
Community tshechus	3
Hot springs	n.a
Menchu	n.a
Pilgrimage sites (Nyes)	n.a
Drupchu	n.a
Number of Cultural industries and units	n.a
Movie making	n.a
Weaving centre	
Dapa/phop	n.a
Wood and craft***	1
Bhutanese paper manufacturing	n.a
Number of households manufacturing	n.a
Dung	n.a
Jaling	n.a
Drum (nga)	n.a

TABLE 18.1 (contd.): NUMBER OF CULTURAL INFRASTRUCTURE AND RELIGIOUS PERSONNELS, HAA, 2008

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

Source: GIS Infrastructure Mapping 2008 & Cultural Sector, Haa Dzongkhag

Note: * Included Wangchuk Lo Dzong, Namgaylying Dzong and Sangbay Dzong (which is ruined)

** source from local people

*** inclusive of funiture house.

TABLE 19.1 : FOREST COVERAGE & FUEL USAGE IN PERCENT, HAA, 2005

Details	2005
Forest coverage (%)	68
Households using fuel wood (%)	35
Households using electricity (%)	29.34
Number of Protected spring water sources	n.a
Number of Lakes *	11

Source: PHCB 2005 & 10th FYP booklet

Note: * the number of lakes is not excate, since there is no accurate data.

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

Details	2007
Population below total poverty line (%)*	13.2
Households below total poverty line (%)*	10.5
Population below food poverty line (%)*	5.1
Households below food poverty line (%)*	3.5
Households availing rural credit (%)	n.a
Average annual household expenditure (Nu.)	n.a
Landless households (%)	n.a
Dependency	
Child dependency ratio	n.a
Old age dependency ratio	n.a
Overall dependency ratio	n.a
Housing condition	
Household with straw/leaves roof (%)	0.0
Household with bamboo roof (%)	2.1
Household with metal roof (%)	56.8
Household with concrete/tiles roof (%)	1.0
Household with shingles roof (%)	1.6
Number of persons per room	n.a
Number of households living in own dwelling	n.a
Number of households living in rented house	n.a
Ownership of assets (Number)	
Households with land/plot	1,362
Households owning livestock	1,012
Households owning vehicle	208
Households owning refrigerator	240
Households owning washing machine	55
Households owning rice cooker	

Source: PHCB 2005 and PAR 2007

Note: *obtained from PAR 2007.