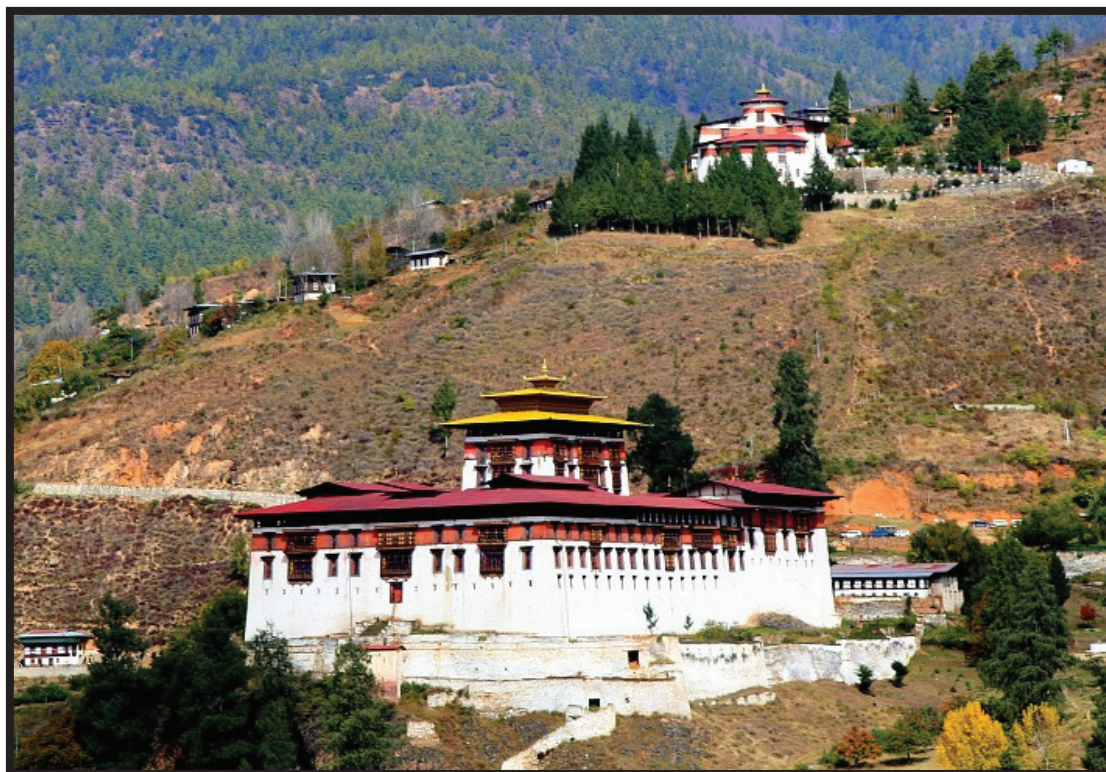




# ANNUAL DZONGKHAG STATISTICS 2011



Dzongkhag Administration  
PARO

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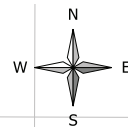
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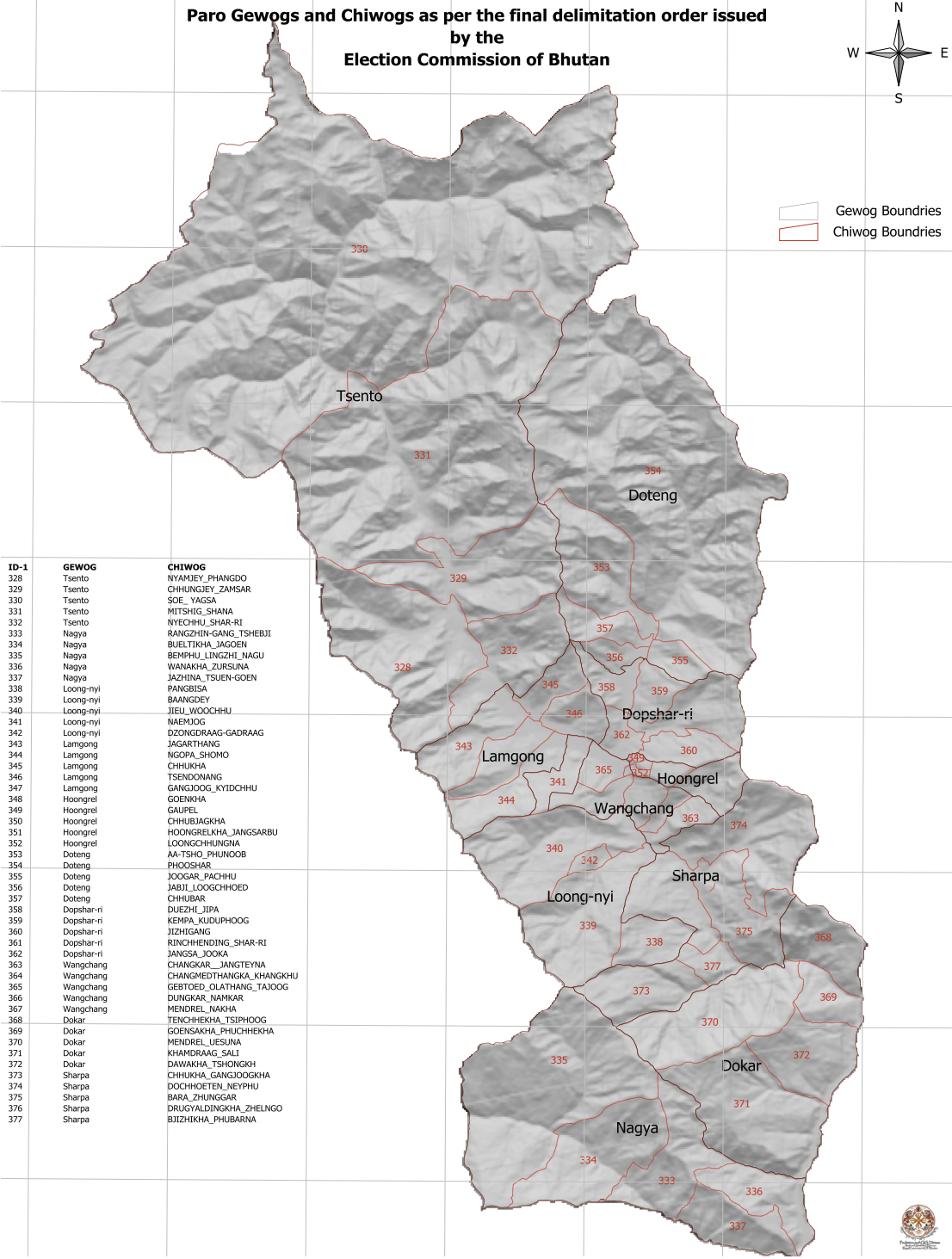
Second Issue

Catalogue No. 104

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



 Gewog Boundries  
 Chiwog Boundries



ID-1	GEWOG	CHIWOG
328	Tsento	NYAMJEY_PHANGDO
329	Tsento	CHHUNGJEY_ZAHSAR
330	Tsento	SOE_YACSA
331	Tsento	MITSHIG_SHANA
332	Tsento	NYECHHU_SHAR-RI
333	Nagya	RANGZHIN-GANG_TSHEBJI
334	Nagya	BUEJTIKHA_JAGDEN
335	Nagya	BENPHU_LINGZHE_NAGU
336	Nagya	WANAKHA_ZURSUNA
337	Nagya	JAZHINA_TSUEN-GOEN
338	Loong-nyi	PANGBISA
339	Loong-nyi	BIANGDEY
340	Loong-nyi	JITEL_WOOCHHU
341	Loong-nyi	NAEMJOG
342	Loong-nyi	DZONGDRAAG-GADRAAG
343	Lamgong	JAGARTHANG
344	Lamgong	NGOPA_SHOMO
345	Lamgong	CHHUKHA
346	Lamgong	TSENDONANG
347	Lamgong	GANGJOOG_KYIDCHHU
348	Hoongrel	GOENKHA
349	Hoongrel	GAUPEL
350	Hoongrel	CHHUBJAGKHA
351	Hoongrel	HOONGRELKHA_JANGSARBU
352	Hoongrel	LOONGCHHUNGNA
353	Doteng	AA-TSHO_PHUNOGB
354	Doteng	PHOOSHAR
355	Doteng	JOOGAR_PACHHU
356	Doteng	JABJI_LOOGCHHOED
357	Doteng	CHHUBAR
358	Dopshar-ri	DUEZHI_JIPA
359	Dopshar-ri	KEMPA_KUDUPHOOG
360	Dopshar-ri	JIZHIGANG
361	Dopshar-ri	RINCHENDING_SHAR-RI
362	Dopshar-ri	JANGSA_JOOKA
363	Wangchang	CHANGKAR_JANGTEYNA
364	Wangchang	CHANGMEDTHANGKA_KHANGKHU
365	Wangchang	GESTOED_OLATHANG_TAJDOOG
366	Wangchang	DUNGKAR_NAMKAR
367	Wangchang	MENDREL_NAKHA
368	Dokar	TENCHHEKHA_TSIPHOOG
369	Dokar	GOENSAKHA_PHUCHHEKHA
370	Dokar	MENDREL_LIESUNA
371	Dokar	KHAMDRAG_SALI
372	Dokar	DAWAKHA_TSHONGKH
373	Sharpa	CHHUKHA_GANGJOOGKHA
374	Sharpa	DOCHHOETEN_NEYPHU
375	Sharpa	BARA_ZHUNGGAR
376	Sharpa	DRUGYALDINGKHA_ZHELNGO
377	Sharpa	BIJZHUKHA_PHUBARNA





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## **Preface**

The Annual Dzongkhag Statistics of Paro is the second in the series of publications. It attempts to provide comprehensive statistics of Paro 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, Paro would like to thank and acknowledge the support and cooperation of all sector heads concerned for providing timely information for this report. Without their support, this publication would not have been possible. Through this initiative, we also hope that the maintenance of sectoral information and updation in the Dzongkhag will become more systematic and efficient henceforth.

Since this report is the second publication and with information source being from numerous sectors, we expect there may be certain deficiencies in terms of coverage and updation. However, there will be continuous efforts made to improve its coverage and quality in our future publications. Your comments and suggestions in this regard will be highly appreciated.

Dzongkhag Statistics Unit  
Paro

## **Background**

Paro Dzongkhag, encompassing a total area of 1,293.2 Sq.Km with an altitude 2500 meters above the sea level, has ten Gewogs, namely Dogar, Dopshari, Doteng, Hungrel, Lamgong, Luni, Naja, Shaba, Tsento and Wangchang. It is bordered by China in the North, Thimphu dzongkhag in the east, Haa Dzongkhag in the west and Chhukha dzongkhag in the south.

As per the PHCB 2005, Paro has 7,118 households and a total population of 36,433 out of which 33,501 live in the rural areas. The projected population for 2011, based on PHCB 2005, is 40,490.

A favorable terrain condition coupled with easy road accessibility has brought manifold changes in the socio-economic development of Paro. It is also considered as one of the prosperous Dzongkhag in the country.

The main source of income for the people of Paro are from paddy, apples, vegetables, livestock farms and tourism related activities. The sales of Cordyceps in the northern part of Tsento gewog are also supplementing their income.

The Dzongkhag has a total road network of 438Km including 139.4Km of National Highway and 262Km of Farm roads. It has one hospital, three BHUs and 27 Outreach Clinic. It has a total of 23 Schools, out of which four are Community Primary Schools, three Primary Schools, six Lower Secondary Schools, four Middle Secondary Schools, two Higher Secondary Schools and four private schools (one primary and three higher secondary Schools) with a total of 10,917 students and 501 teachers as of December 2011. It also has 21 NFE Centers and 300 NFE Learners and 21 NFE Instructors. The Paro College of Education has 853 trainees and 64 teachers as of 31st October 2011.

As of September 2011, a total of 1,800 households have direct fixed telephone line connections and 37,581 B-mobile subscribers. The only international airport in the country is located in Paro Dzongkhag.

## ABBREVIATIONS

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



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

Age-group	2005	2006	2007	2008	2009	2010	2011
Total	36,433	37,092	37,760	38,436	39,118	39,806	40,490
0-4	3,045	3,921	4,177	4,432	4,685	4,932	4,910
5-9	3,646	3,853	3,761	3,684	3,620	3,569	3,828
10-14	4,141	4,149	4,094	4,029	3,960	3,891	3,793
15-19	4,336	4,080	4,104	4,122	4,129	4,119	4,089
20-24	4,606	3,835	3,875	3,911	3,945	3,978	4,011
25-29	3,498	3,438	3,515	3,585	3,650	3,710	3,763
30-34	2,596	2,861	2,965	3,073	3,180	3,279	3,369
35-39	2,393	2,390	2,460	2,531	2,609	2,697	2,797
40-44	1,786	1,941	2,015	2,094	2,173	2,252	2,327
45-49	1,507	1,598	1,643	1,692	1,746	1,807	1,877
50-54	1,230	1,318	1,355	1,396	1,438	1,482	1,527
55-59	918	1,080	1,107	1,136	1,167	1,201	1,237
60-64	817	872	892	913	935	960	985
65+	1914	1756	1796	1837	1,881	1,929	1,977
Male	19,294	19,620	19,948	20,279	20,613	20,951	21,289
0-4	1,545	1,988	2,119	2,250	2,380	2,507	2,496
5-9	1,820	1,964	1,914	1,872	1,838	1,811	1,944
10-14	2,030	2,131	2,099	2,063	2,025	1,987	1,934
15-19	2,104	2,124	2,128	2,131	2,128	2,118	2,098
20-24	2,777	2,057	2,065	2,070	2,074	2,080	2,087
25-29	1,967	1,874	1,913	1,947	1,976	2,000	2,018
30-34	1,431	1,577	1,631	1,687	1,741	1,791	1,837
35-39	1,344	1,322	1,361	1,400	1,442	1,489	1,542
40-44	964	1,060	1,104	1,150	1,197	1,243	1,286
45-49	792	864	889	916	947	982	1,023
50-54	625	710	730	752	775	799	823
55-59	492	579	593	608	625	643	662
60-64	424	463	473	484	496	509	522
65+	979	908	928	948	969	992	1,017

Female	17,139	17,472	17,812	18,157	18,505	18,855	19,201
0-4	1,500	1,933	2,058	2,182	2,305	2,425	2,414
5-9	1,826	1,890	1,847	1,811	1,782	1,758	1,884
10-14	2,111	2,018	1,995	1,966	1,935	1,904	1,859
15-19	2,232	1,956	1,976	1,992	2,001	2,001	1,991
20-24	1,829	1,778	1,810	1,841	1,871	1,898	1,924
25-29	1,531	1,564	1,602	1,638	1,674	1,710	1,745
30-34	1,165	1,284	1,334	1,387	1,439	1,488	1,532
35-39	1,049	1,068	1,099	1,131	1,167	1,208	1,255
40-44	822	881	911	943	976	1,009	1,041
45-49	715	733	754	776	799	825	854
50-54	605	608	625	644	663	683	704
55-59	426	502	514	528	542	558	575
60-64	393	409	418	428	439	451	463
65+	935	849	868	889	912	937	960

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

Source: Population & Housing Census of Bhutan, 2005

**Table 2. Population, Density and Sex Ratio,Paro, (2005 ~ 2011)**

Details	2005	2006	2007	2008	2009	2010	2011
Population (Number)	36,433	37,092	37,760	38,436	39,118	39,806	40,490
Population density (Persons per Sq. Km)	28	29	29	30	30	31	31
Population sex ratio	113	112	112	112	111	111	111

Source : Dzongkhag Population Projection 2006-2015

**Table 3. Total Number of Live Births, Deaths, Marriages and Divorces, Paro, (2008 ~ 2010)**

Age-group	2008	2009	2010
Live births	585	769	832
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Total deaths	75	153	237
Male	35	n.a	n.a
Female	40	n.a	n.a
Infant deaths	6	2	1
Male	n.a	n.a	n.a
Marriage certificate issued			
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Divorces			
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a

Source: Dzongkhag Health Sector, Paro Dzongkhag

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

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	42.0
Total fertility rate	2.9

Source : BMIS, 2010

**Table 5. Early Childbearing, Paro(2010)**

Percentage of women age 15-19 who have had livebirth or who are pregnant with the first child; percentage of women age 15-19 who have begun childbearing before age 15, and the percentage of women age 20~24 who have had a live birth before age 18.

Details	2010
% of women age 15~19	
Have had a live birth	4.4
Are pregnant with first child	1.8
Have begun childbearing	6.1
Have had a live birth before 15	0.0
Number of women age 15~19	135
% of women age 20~24 who have had a live birth before age 18	6.5
Number of women age 20~24	151

Source : BMIS, 2010

**Table 6. Use of Contraception, Paro (2010)**

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

Details	2010
Not using any method	32.7
Percent of women (currently married or in union) who are using	
Female sterilization	11.7
Male sterilization	10.1
IUD	6.2
Injectables	25.3
Implants	0.3
Oral contraceptive Pill	8.1
Male condom	5.6
Female condom	0.0
Foam/ jelly	0.0
Lactational amenorrhoea method (LAM)	0.1
Periodic abstinence/ rhythm	0.0
Withdrawal	0.0
Other	0.0
Any modern method	67.2
Any traditional method	0.1
Any method	67.3
Number of women currently married or in union	504

Source : BMIS, 2010



**Table 7. Antenatal Care Provider, Paro(2010)**

Percent Distribution of Women Aged 15~49 Who Gave Birth in The Survey by Type of Personnel Providing Antenatal Care.

Details	2010
Persons providing antenatal care	
Doctor	22.2
Nurse/ midwife	72.3
HA/ BHW	4.4
Assistant clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.0
Other/ missing	0.0
No antenatal care received	1.1
Total	100.0
At Least once by skilled personnel	98.9
Number of women who gave birth in the preceding 2 years	146

Source : BMIS, 2010

**Table 8. Number of Antenatal Care Visits, Paro(2010)**

Percentage of Women Who had a Live Births During the Two Years Preceding the Survey by Number of Antenatal Care Visits by Any Provider.

Details	2010
Percent of women who had	
No antenatal care visits	1.1
1 Visits	3.4
2 Visits	6.2
3 Visits	11.9
4 or more visits	75.9
Missing/ DK 1.4	
Total	100.0
Number of women who gave birth in the preceding 2 years	146

Source : BMIS, 2010

**Table 9. Assistance During Delivery, Paro(2010)**

Percent Distribution of Women age 15-49 Who had a Live Birth in the Two Years Preceding the Survey by Person Assisting, at Delivery and Percentage of Births Delivered by C-section.

Details	2010
Person assisting at delivery	
Doctor	21.1
Nurse / Midwife	61.7
HA/BHW	3.3
Asst. clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.0
Relative / friend	14.0
Other/missing	0.0
No attendant	0.0
Total	100.0
Any skilled personnel	86.0
Percent delivered by C-section	15.2
Number of women who gave birth in preceding two years	146

Source : BMIS, 2010

**Table 10. Place of Delivery, Paro(2010)**

Percent Distribution of Women age 15-49 With a Birth in Two Years Preceding the Survey by Place of Delivery.

Details	2010
Place of delivery	
Public sector health facility	81.7
Private sector health facility	0.0
Home	18.3
Other	0.0
Total	100.0
Delivered in health facility [1]	81.7
Number of women who gave birth in preceding two years	146

Source : BMIS, 2010

**Table 11. Health Infrastructures, Facilities and Personnel,Paro, (2007 ~ 2010)**

Details	2007	2008	2009	2010
Number of hospitals	1	1	1	1
Number of BHUs				
BHU grade I	0	0	0	0
BHU grade II	3	3	3	3
Number of ORCs	27	27	27	27
Number of indigenous units	0	0	1	1
Number of doctors	3	3	6	5
Number of hospital/BHU beds	40	40	40	40
Persons per doctor	12,587	12,812	6,520	7,961
Persons per hospital bed	944	961	978	995
Total morbidity attendance	77,134	67,057	66,455	95,696
Health assistants	9	9	9	10
Basic health workers	6	6	6	6
Sister and nurses	6	6	16	15
Technicians	9	9	16	14
Indigenous dungtsho	1	1	1	1
Indigenous compounders/Menpas	1	1	2	2
Malaria workers	0	0	0	2
Village health workers	51	45	48	65
Number of children immunized				
Polio	539	663	625	731
DPTH	625	680	691	731
Measles	677	685	717	736
BCG	573	718	643	737
Others	625	700	691	n.a

Source: Dzongkhag Health Sector, Paro Dzongkhag

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

Average admission	2007	2008	2009	2010
Hospital admission				
Total	2,353	3,916	2,932	3,195
Patient days	7,059	9,030	8,093	8,144
Average days	3	2.3	2.8	2.5
BHU admission	41	37	48	62

Source : Annual Health Bulletin, MoH

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

Surgeries	2007	2008	2009	2010
Caesarian Section	114	157	10	125
General Abdominal	16	5	16	165
General Others	43	37	42	197
Orthopaedic extremities	5	1	0	0
Orthopaedic Others	4	0	9	31
Gynaecology	83	68	26	91
ENT	26	0	0	0
Eye	0	0	0	0

Source : Annual Health Bulletin, MoH

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

Dental Services	2007	2008	2009	2010
Prophylaxis	76	89	80	112
Scaling	35	20	15	44
Fillings	1,425	1,491	2,032	3,053
Extractions	1,495	1,329	1,527	1,952
Others	1,926	2,145	2,664	3,326

Source : Annual Health Bulletin, MoH

**Table 15: Number of Top Ten Morbidity, Paro, (2007~ 2010)**

Priority health problem/ Disease	2007	2008	2009	2010
Diarrhoea	3,797	2,886	2,844	2,930
Conjunctivitis	1,398	978	947	974
Dysentery	1,418	1,553	866	543
Typhoid	35	9	13	0
Sexually transmitted disease, excluding HIV/AIDS	50	63	66	194
Diabetes	154	38	35	19
Tuberculosis	36	24	47	39
Early syphilis	0	0	3	0
Cholera	0	0	0	0
Tetanus	0	0	0	0
Diphtheria	0	0	0	0
Pertussis	0	0	0	0

Source : Dzongkhag Health Sector, Paro Dzongkhag

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

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	1.4
Difficulty seeing, either in the daytime or at night	1.5
Appears to have difficulty hearing	1.7
No understanding of instructions	5.2
Difficulty in walking moving, moving arms, weakness or stiffness	2.5
Have fits, become rigid, lose consciousness	1.9
Not learning to do things like other children his/her age	5.2
No speaking cannot be understood in words	8.1
Appears mentally backward, dull, or slow	3.6
Speech is not normal	37.8
Number of children aged 3-9 years	503
Cannot name at least one object	36.1
Number of children aged 2 years	72
Percentage of children 2-9 years of age with at least one reported disability*	45.6
Number of children aged 2-9 years	575

Source: BMIS, 2010

**Table 17. Nutritional Status of Children, Paro, (2010)**

Percentage of children under age 5 by nutritional status according to three anthropometric indices: weight for age, height for age, and weight for height.

Nutritional Status	2010
Weight for age: % below -2 sd [1]	7.5
Weight for age: % below -3 sd [2]	1.6
Weight for age: Mean Z-Score (SD)	-0.5
Weight for age: Number of children	320
Height for age: % below -2 sd [3]	30.1
Height for age: % below -3 sd [4]	9.9
Height for age: Mean Z-Score (SD)	-1.2
Height for age: Number of children	301
Weight for height: % below -2 sd [5]	6.9
Weight for height: % below -3 sd [6]	2.1
Weight for height: % above +2 sd	9.2
Weight for height: Mean Z-Score (SD)	0.2
Weight for height: Number of children	301

Source: BMIS, 2010

**Table 18. Initial Breastfeeding, Paro, (2010)**

Percentage of Last-Born Children in the 2 Years Preceding the Survey Who Were Ever Breastfed, Percentage Who Were Breastfed Within One Hour of Birth and Within One Day of Birth, and Percentage Who Received a Prelacteal Feed.

Initial Breastfeeding	2010
Percentage ever breastfed	99.0
Percentage who were first breastfed: Within one hour of birth	41.6
Percentage who were first breastfed: Within one day of birth	91.9
Percentage who received a prelacteal feed	2.8
Number of last-born children in the two years preceding the survey	146

Source: BMIS, 2010

**Table 19. Duration of Breastfeeding, Paro, (2010)**

Median duration of any breastfeeding, exclusive breastfeeding, and predominant breastfeeding among children age 0-35 months.

Duration of Breastfeeding	2010
Median duration (in months) of	
Any breastfeeding	20.9
Exclusive breastfeeding	4.1
Predominant breastfeeding	4.8
Number of children age 0-35 months	220

Source: BMIS, 2010

**Table 20. Low Birth Weight Infants, Paro, (2010)**

Percentage of Last-Born Children in the 2 Years Preceding the Survey That are Estimated to Have Weighed Below 2500 Grams at Birth and Percentage of Live Births Weighed at Birth.

Low Birth Weight Infants	2010
Percent of live births	
Below 2500 grams	10.5
Weighed at birth	98.1
Number of live births in the last 2 years	146

Source: BMIS, 2010

**Table 21. Neonatal Tetanus Protection, Paro, (2010)**

Percentage of women age 15-49 years with a live birth in the last 2 years protected against neonatal tetanus.

Neonatal Tetanus Protection	2010
Percentage of Women Who Received at Least 2 Doses During Last Pregnancy	58.1
Percentage of women who did not receive two or more doses during last pregnancy but received	
2 doses, the last within prior 3 years	10.9
3 doses, the last within prior 5 years	0.0
4 doses, the last within prior 10 years	0.0
5 or more doses during lifetime	0.0
Protected against tetanus [1]	68.9
Number of women with a live birth in the last 2 years	146

Source: BMIS, 2010

**Table 22. Solid Fuel Use, Paro, (2010)**

Percentage Distribution of Household Members According to Type of Cooking Fuel Used by the Household, and Percentage of Household Members Living in Households Using Solid Fuels for Cooking.

Solid Fuel Use	2010
Percentage of household members in households using	
Electricity	48.6
Liquefied Petroleum Gas (LPG)	45.8
Kerosene	0.2
Coal	0.0
Wood	5.5
Straw/Shrubs/Grass	0.0
No food cooked in household	0.0
Other	0.0
Total	100.0
Solid fuels for cooking	5.5
Number of household members	3776

Source: BMIS, 2010



**Table 23. Use of Improved Water Sources, Paro, (2010)**

Percent distribution of household population according to main source of drinking water and percentage of household population using improved drinking water sources.

Water Sources	2010
Main source of drinking water	
Improved sources	
Piped into dwelling	35.7
Piped into compound	49.7
Piped to neighbor	6.9
Public outdoor tap	2.0
Protected well	1.6
Spring	0.5
Rainwater collection	0.0
Bottled water	0.0
Unimproved sources	
Unprotected well	0.1
Unprotected spring	0.6
Tanker-truck	0.3
Cart with samll tank/drum	0.4
Surface water (river,stream, dam, lake,pond,canal,irrigation channel)	2.1
Other	0.0
Total	100.0
Percentage using improved sources of drinking water	96.4
Number of household members	3776

Source: BMIS, 2010

**Table 24. Household Water Treatment, Paro, (2010)**

Percentage of Household Population by Drinking Water Treatment Method Used in the Household, and for Household Members Living in Households Where an Unimproved Drinking Water Source is Used, the Percentage Who are Using an Appropriate Treatment Method

Water Treatment	2010
Water treatment method used in the household	
None	7.9
Boil	71.7
Add bleach / chlorine	0.2
Strain through a cloth	0.7
Use water filter	28.1
Solar disinfection	0.2
Let it stand and settle	22.7
Other	0.0
Don't know	0.0
Number of household members	3776
Percentage of household members in households using unimproved drinking water	58.1
Number of household members in households using unimproved drinking water sources	135

Source: BMIS, 2010

**Table 25. Time to Source of Drinking Water, Paro, (2010)**

Percent Distribution of Household Population According to Time to go to Source of Drinking Water, Get Water and Return, for Users of Improved and Unimproved Drinking Water

Time to Source of Drinking Water	2010
Users of improved drinking water sources	
Water on premises	94.0
Less than 30 minutes	1.6
30 minutes or more	0.8
Missing/DK	0.0
Users of unimproved drinking water sources	
Water on premises	0.7
Less than 30 minutes	1.8
30 minutes or more	1.1
Missing/DK	0.0
Total	100.0
Number of household members	3776

Source: BMIS, 2010

**Table 26. Types of Sanitation Facilities, Paro, (2010)**

Percent Distribution of Household Population According to Type of Toilet Facility Used by the Household

Type of toilet facility used by household	2010
Improved sanitation facility	
Flush toilet	0.1
Flush to septic tank(Without soak pit)	47.2
Flush to pit (latrine)	0.7
Flush to unknown place/not sure/DK where	0.0
Flush to septic tank (with soak pit)	7.6
Ventilated Improved Pit latrine (VIP)	0.0
Pit latrine with slab	28.1
Composing toilet	0.4
Unimproved sanitation facility	
Flush to somewhere else	0.0
Pit latrine without slab /open pit	11.3
Long drop latrine	1.1
Bucket	0.0
Other	0.0
Missing	0.0
Open defecation	
No facility,bush, field	3.4
Total	100.0
Number of household members	3776

Source: BMIS, 2010

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

Details	CPS	PS	LSS	MSS	HSS	College	Pvt.	Other Inst. Centres	NFE Daycare Centres	Total
2008										
Number of schools and institutions	3	3	8	2	2	1	3	n.a	15	37
Teaching staff										
Bhutanese										
Male	7	21	65	20	23	42	15	n.a	6	199
Female	5	30	105	31	19	12	16	n.a	9	227
Non-Bhutanese										
Male	0	0	5	5	26	1	0	n.a	n.a	37
Female	0	0	0	3	3	0	0	n.a	n.a	6
Temporary teachers										
Male	1	0	1	0	0	0	0	n.a	n.a	2
Female	1	0	0	0	0	0	0	n.a	n.a	1
Number of students										
Male	127	689	2,134	583	644	437	488	n.a	20	5,122
Female	122	601	2,407	661	669	316	475	n.a	189	5,440
Student to teacher ratio	18:1	25:1	26:1	21:1	18:1	14:1	31:1	n.a	18:1	22:1
2009										
Number of schools and institutions	3	3	7	3	2	1	4	n.a	18	41
Teaching staff										
Bhutanese										
Male	10	23	60	34	28	43	27	n.a	5	230
Female	3	33	91	44	19	11	21	n.a	13	235



2011	4	3	6	4	2	1	4	21	n.a	45
Number of schools and institutions										
Teaching staff										
Bhutanese										
Male	10	26	58	52	21	44	33	7	n.a	251
Female	5	32	96	63	31	19	27	14	n.a	287
Non-Bhutanese										
Male	0	0	0	6	10	1	14	0	n.a	31
Female	0	0	0	2	6	0	9	0	n.a	17
Temporary teachers										
Male	0	0	0	0	0	0	0	0	n.a	0
Female	0	0	0	0	0	0	0	0	n.a	0
Number of students										
Male	125	699	1,636	1,278	604	490	1,061	62	n.a	5,955
Female	121	597	1,785	1,415	663	363	933	238	n.a	6,115
597	16:1	22:1	22:1	22:1	19:1	13:1	24:1	14:1	n.a	21:1

Source: Dzongkhag Education Sector, Paro Dzongkhag.

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

Class	2008	2009	2010	2011
<b>Primary level</b>				
Total	5,734	5,756	5,672	5,662
Class PP	801	846	807	727
Class I	801	792	800	835
Class II	853	844	766	836
Class III	938	828	840	748
Class IV	830	867	881	902
Class V	753	812	802	826
Class VI	758	767	776	788
<b>Male</b>	2,933	2,853	2,847	2,872
Class PP	423	441	435	397
Class I	428	406	407	413
Class II	439	440	385	425
Class III	454	409	440	373
Class IV	409	431	433	488
Class V	434	387	384	399
Class VI	346	339	363	377
<b>Female</b>	2,892	2,903	2,825	2,790
Class PP	378	405	372	330
Class I	373	386	393	422
Class II	414	404	381	411
Class III	484	419	400	375
Class IV	421	436	448	414
Class V	410	425	418	427
Class VI	412	428	413	411
<b>Secondary level</b>				
Total	3,948	4,449	4,865	5,255
Class VII	714	820	829	802
Class VIII	732	702	730	739
Class IX	688	751	721	707
Class X	498	648	658	627
Class XI	803	780	942	1,138



Class XII	513	748	985	1,242
Male	1,970	2,192	2,340	2,531
Class VII	319	377	371	362
Class VIII	332	312	334	331
Class IX	314	353	319	315
Class X	236	294	306	270
Class XI	478	433	476	562
Class XII	291	423	534	691
Female	1,978	2,257	2,525	2,724
Class VII	395	443	458	440
Class VIII	400	390	396	408
Class IX	374	398	402	392
Class X	262	354	352	357
Class XI	325	347	466	576
Class XII	222	325	451	551

Source: Dzongkhag Education Sector, Paro Dzongkhag

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

Details	2008	2009	2010
<b>Students in primary school level (Class PP-VI)</b>			
Total	5674	5716	5662
Age < 6 years	23	35	73
Age 6-12 years	4819	4698	4733
Age 13 & above	832	983	856
Male	2797	2853	2784
Age < 6 years	17	11	39
Age 6-12 years	2377	2366	2326
Age 13 & above	403	476	419
Female	2877	2863	2878
Age < 6 years	6	24	34
Age 6-12 years	2442	2332	2407
Age 13 & above	429	507	437
<b>Student in LSS level (Class VII-VIII)</b>			
Total	1483	1496	1537
Age < 13 years	64	67	81
Age 13-14 years	570	641	641
Age 15 & above	849	788	815
Male	655	682	678
Age < 13 years	31	29	36
Age 13-14 years	229	262	256
Age 15 & above	395	391	386
Female	828	814	859
Age < 13 years	33	38	45
Age 13-14 years	341	379	385
Age 15 & above	454	397	429
<b>Students in MSS level (Class IX-X)</b>			
Total	1182	1384	1383
Age < 15 years	80	52	65
Age 15-16 years	537	621	627
Age 17 & above	565	711	691
Male	559	635	623
Age < 15 years	30	22	24
Age 15-16 years	230	262	238
Age 17 & above	299	351	361

Female	623	749	760
Age < 15 years	50	30	41
Age 15-16 years	307	359	389
Age 17 & above	266	360	330
Students in HSS level (Class XI-XII)			
Total	1244	1629	1966
Age < 17 years	83	98	55
Age 17-18 years	412	586	558
Age 19 & above	749	945	1353
Male	708	846	1045
Age < 17 years	21	25	25
Age 17-18 years	202	266	291
Age 19 & above	485	555	729
Female	536	783	921
Age < 17 years	62	73	30
Age 17-18 years	210	320	267
Age 19 & above	264	390	624

Source : Dzongkhag Education Sector,Paro Dzongkhag

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

Literacy Among Young Women	2010
Percentage literate	73.9
Percentage not known	0.0
Number of women age 15-24 years	278

Source: BMIS,2010

**Table 31. School Readiness, Paro, 2010)**

Percentage of children attending first grade of primary school who attended pre-school the previous year.

School Readiness	2010
Percentage of children attending first grade who attended preschool in previous year	1.8
Number of children attending first grade of primary school	113

Source: BMIS, 2010

**Table 32. Primary School Entry, Paro, (2010)**

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

Primary School Entry	2010
Percentage of children of primary school entry age entering grade 1	71.0
Number of children of primary school entry age	92

Source: BMIS, 2010

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

Percentage of children entering first grade of primary school who eventually reach the last grade of primary school (Survival rate to last grade of primary school)

Details	2010
Percent attending grade 1 last year who are in grade 2 this year	100.0
Percent attending grade 2 last year who are attending grade 3 this year	100.0
Percent attending grade 3 last year who are attending grade 4 this year	98.7
Percent attending grade 4 last year who are attending grade 5 this year	100.0
Percent attending grade 5 last year who are attending grade 6 this year	100.0
Percent who reach grade 6 of those who enter grade 0	98.7

Source: BMIS, 2010

**Table 34. Education Gender Parity, Paro, (2010)**

Education gender parity Ratio of adjusted net attendance ratios of girls to boys, in primary and secondary school

Education Gender Parity	2010
Primary school adjusted net attendance ratio (NAR), girls	93.2
Primary school adjusted net attendance ratio (NAR), boys	90.2
Gender parity index (GPI) for primary school adjusted NAR	1.03
Secondary school adjusted net attendance ratio (NAR), girls	65.0
Secondary school adjusted net attendance ratio (NAR), boys	55.6
Gender parity index (GPI) for secondary school adjusted NAR	1.17

Source: BMIS, 2010

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

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy	1	0	0
Homicide	0	0	0
Assault,battery and related offences	45	76	15
Kidnapping and related offences	0	0	0
Sexual offence	5	3	0
Offence against infant,child,mentally dissabled and incompetent person	2	4	0
Arson and related offences	8	0	0
Burglary, trespass and related offences	47	36	20
Larceny,robbery, armed robbery and related offences	22	33	18
Money laundering and smuggling	0	0	0
Embezzlement and bribery	0	0	0
Forgery and related offences	0	0	0
Defamation and related offences	0	0	0
Treason,terrorism and related offences	0	0	0
Offences against cultural and national heritage	5	6	3
Offences against judicial authority	6	7	5
Prostitution and related offences	1	0	0
Offences against the public welfare	8	8	1
Offences related to public and civic duties	0	0	0
Offences related to public order and tranquillity	0	0	0
Offences against privacy	0	0	0
Computer offences	0	0	0
Offences related to firearms and weapons	0	0	1
Offences related to protected species,controlled and other harmful substances	4	9	9
Motor vehicle offences	4	4	3
Others	54	62	30
Total crimes	212	248	105

Source: Royal Bhutan Police, Paro Dzongkhag

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

Month	2009	2010	2011
January	9	10	11
February	11	13	12
March	10	13	9
April	8	7	13
May	13	15	15
June	8	10	12
July	16	18	15
August	7	10	15
September	9	10	23
October	14	19	16
November	9	11	1
December	15	17	0
Total	129	153	142

Source: Royal Bhutan Police, Paro Dzongkhag

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

Details	2009	2010	2011
Mechanical fault	18	22	13
Drunk driving	12	11	7
Bad weather	7	8	4
Without licence	10	13	14
Unknown causes	42	44	42
Other causes	40	55	62
All causes	129	153	142

Source: Royal Bhutan Police, Paro Dzongkhag

**Table 38. Attitudes Toward Domestic Violence, Paro, (2010)**

Details	2010
Percentage of women age 15-49 years who believe a husband is justified in beating his wife/partner	
If goes out without telling him	67.4
If she neglects the children	81.1
If she argues with him	45.8
If she refuses sex with him	36.9
If she burns the food	15.4
For any of these reasons	90.4
Number of women age 15-49 years	799

Source: BMIS, 2010

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

Details	2007	2008	2009	2010
Dzongkhag area (Sq. Km)	1293.2	1293.2	1293.2	1293.2
Total cultivated land (Acres) <sup>1</sup>	n.a	n.a	13766.8	13766.8
Damages caused by landslides <sup>2</sup>				
Farmland (acres)	1	5	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	5.6
Damages caused by floods <sup>2</sup>				
Farmland (acres)	2	4	n.a	n.a
Houses (Number)	1	2	n.a	n.a
Roads (Km)	1	3	n.a	n.a
Crops affected by drought (acres)	4	114	n.a	n.a
Crops damaged by wild animals (acres)	208	227	n.a	n.a
Incidence of earthquake (Number of cases reported) <sup>2</sup>	n.a	n.a	n.a	n.a
Houses damaged by earthquakes (Number)	n.a	n.a	n.a	n.a
Number of forest fires <sup>3</sup>	7	31	25	5
Acreage destroyed by forest fires	229	356	456	807.1
Acreage of reforestation <sup>3</sup>	2	50	12	254.4
Houses/structures damaged by fires (Number) <sup>3</sup>	5	3	n.a	2

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

**Table 40. Average Monthly Temperature (Degree Centigrade), Paro, (2010)**

Month	Temperature (Degree Celsius)		
	Maximum	Minimum	Average
January	15	0	8
February	14	-2	6
March	20	5	12
April	23	8	15
May	23	11	17
June	25	13	19
July	24	15	20
August	25	15	20
September	24	13	19
October	20	9	15
November	17	5	11
December	15	-3	6
Annual	20	7	14

Source: SYB, NSB

**Table 41. Total Monthly Rainfall at Existing Stations, Paro, (2010)**

Month/ Monthly Rainfall	Station		
	Paro	Betikha	Drukgyel Dzong
January	0	27	0
February	0	0	0
March	19	289	24
April	24	601	13
May	69	693	59
June	138	117	131
July	132	472	223
August	99	509	167
September	55	343	127
October	49	345	51
November	1	25	6
December	7	8	0
Annual	593	3,429	801

Source: SYB, NSB



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

Details	2010
Forest coverage (%) <sup>2</sup>	60.99
Number of snow fall at Dzongkhag headquater	1
Number of Protected spring water sources <sup>1</sup>	n.a
Number of Lakes <sup>1</sup>	n.a

Source: <sup>1</sup>Dzongkhag Forest Section, <sup>2</sup>Tenth Plan Documents, GNHC

**Table 43. Disposal of Childs Faeces, Paro, (2010)**

Percent distribution of children age 0-2 years according to place of disposal of child's faeces, and the percentage of children age 0-2 years whose stools were disposed of safely the last time the child passed stools

Disposal of Childs Faeces	2010
Place of disposal of child's faeces	
Child used toilet / latrine	13.5
Put / Rinsed into toilet or latrine	48.7
Put / Rinsed into drain or ditch	29.4
Thrown into garbage (solid waste)	2.1
Buried	0.0
Left in the open	6.4
Other	0.0
Total	100.0
Percentage of children whose stools were disposed of safely	62.1
Number of children age 0-2 years	220

Source: BMIS 2010

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

Details	2008	2011
Local governance (Number)		
Parliamentarians		
Male	3	3
Female	0	0
Gups		
Male	10	10
Female	0	0
Total gewog tshogpas <sup>1</sup>		
Male	84	39
Female	8	8
Total Mangmis <sup>1</sup>		
Male	10	7
Female	0	3
DYT members <sup>2</sup>		
Male	21	18
Female	0	3
GYT members <sup>1</sup>		
Male	104	58
Female	8	9
Polling stations <sup>2</sup>	31	54
Eligible voters (18 years and above) <sup>2</sup>		
Male	6,732	7,103
Female	7,120	7,677
% of Voters turnout during election		
Male	75	71
Female	85	78
Total election staff in Dzongkhag		
Male	2	2
Female	1	2

Note: three tshogpa post are vacant

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

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

Details	Amount (Nu)
2008	
Parliamentarians	
National council	n.a
National assembly	n.a
2011	
Local government (Gup, Mangmi & Tshogpa)	5,701,200

Source: Election Office, Paro Dzongkhag

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

Details Sectors	(in million Nu.)					
	2008-2009		2009-2010		2010-2011	
	Current	Capital Total	Current	Capital Total	Current	Capital Total
Civil	24.917		27.2		n.a	n.a
Agriculture	6.665		6.58		n.a	n.a
Livestock	8.627		8.329		n.a	n.a
Forestry	4.867		5.558		n.a	n.a
Education	122.981		152.704		n.a	n.a
Health	23.414		29.098		n.a	n.a
Urban Development & Housing	12.797		12.956		n.a	n.a
Roads						
Bhutan post						
Telecommunication						
Power						
Trade & industry						
Total						

Source: Dzongkhag Administration, Paro

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

( in million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	16.000	53.847	36.417
Agriculture	n.a	8.375	14.236	27.9
Livestock	n.a	24.710	17.566	16.25
Forestry	n.a	9.590	11.622	13.4
Education	n.a	288.584	284.932	239.56
Health	n.a	4.444	59.573	88.59
Urban development & housing	n.a	87.500	37.599	76.5
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	2.500	n.a	n.a
Total plan outlay	n.a	441.703	479.375	498.617

Note: The plan outlay for Education sector is centralized by MoE.

The current budget outlay for 10FYP is for two financial years (2008-2009 & 2009-2010).

The budget outlay for religion and culture is included in Civil.

Source: Dzongkhag Administration, Paro

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

( in million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	n.a	52.099	97.542
Agriculture	n.a	n.a	13.245	11.409
Livestock	n.a	n.a	16.956	7.005
Forestry	n.a	n.a	10.425	5.054
Education	n.a	n.a	275.685	40.064
Health	n.a	n.a	52.512	6.618
Urban development & housing	n.a	n.a	25.753	58.591
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
<b>Total plan expenditure</b>	n.a	n.a	446.675	226.283

Note: The expenditure for Adhoc activities are included in Civil sector.

The expenditure is for two financial years (2008-2009 and 2009-2010).

The expenditure for religion and culture is included in Civil.

Source:Dzongkhag Administration,paro

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

( In million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	24.400	n.a	15.302
Agriculture	n.a	88.404	n.a	142.334
Livestock	n.a	13.055	n.a	3.51
Forestry	n.a	4.183	n.a	4.275
Education	n.a	4.058	n.a	n.a
Health	n.a	16.026	n.a	17.88
Urban development & housing	n.a	10.650	n.a	10.761
Roads				
Bhutan post				
Telecommunication				
Power				
Trade & industry				
<b>Total plan outlay</b>		160.776		194.062

Note: The plan outlay for Education sector is centralized by MoE.

Source:Planning Unit, Paro Dzongkhag

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

( In million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	16.315
Agriculture	n.a	n.a	n.a	50.967
Livestock	n.a	n.a	n.a	3.430
Forestry	n.a	n.a	n.a	4.106
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	6.654
Urban development & housing	n.a	n.a	n.a	2.792
Roads & bridges	n.a	n.a	n.a	n.a
Religion & cultural	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & Industry	n.a	n.a	n.a	n.a
<b>Total plan outlay</b>				<b>84.264</b>

Note: The expenditure for Adhoc activities are included in Civil sector.

The expenditure is for two years (2008-2009 and 2009-2010).

Source:Dzongkhag Administration,Paro

**Table 51. Employed Persons by Age, Sex and Area of Residence, Paro, (2009 ~ 2011)**

(Number)

Details	2009	2010	2011
<b>Total</b>			
Male	n.a	8,600	10,500
Female	n.a	10,900	9,500
<b>Rural Total</b>			
Male	n.a	7,700	9,900
Female	n.a	9,800	8,800
<b>Urban Total</b>			
Male	n.a	900	600
Female	n.a	1,100	700

Source : Labour Force Survey, MoLHR

**Table 52. Employment by Industries, Age Group and Sex, Paro, (2009 ~ 2011)**

Details	2009	2010	2011
Total labour force (Number)	n.a	20,400	20,500
Total employed (%)	n.a	95.1	97.1
Male	n.a	94.5	99.1
Female	n.a	95.6	96.0
Unemployment rate	n.a	4.9	2.9
Total employed in Agriculture (%)	n.a	62.1	60.5
Male	n.a	51.2	53.3
Female	n.a	70.6	68.4
Total employed in Industries (%)	n.a	23.1	20.5
Male	n.a	27.9	19.0
Female	n.a	19.3	22.1
Total employed in Services (%)	n.a	14.9	18.0
Male	n.a	22.1	25.7
Female	n.a	9.2	9.5
Total unemployed by area (%)	n.a	n.a	n.a
Urban	n.a	n.a	n.a
Rural	n.a	n.a	n.a
Total un-employed by education (%)	n.a	n.a	n.a
Total unemployed grade XII and above	n.a	n.a	n.a
Total unemployed below grade XII	n.a	n.a	n.a
Total under employed (%)	n.a	n.a	n.a
Employed by age-group (%)	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a
Unemployed by age-group (%)	n.a	n.a	n.a
15-17 years	n.a	n.a	n.a
18-24 years	n.a	n.a	n.a
25-64 years	n.a	n.a	n.a
65 years and above	n.a	n.a	n.a
Labor force participation rate (%)	n.a	65.4	50.6
Male participation rate	n.a	67.9	46.5
Female participation rate	n.a	64.4	55.2

Source : Labour Force Survey, MoLHR



**Table 53. Child Labour, Paro, (2010)**

Percentage of Children by Involvement in Economic Activity and Household Chores During the Past Week, According to Age Groups, and Percentage of Children Age 5-14 Involved in Child Labour

Child labour	2010
Percentage of children age 5-11 involved in	
Economic activity	
Working outside household	
Paid work	0.1
Unpaid work	1.2
Working for family business	17
Economic activity for at least one hour	17.8
Household chores less than 28 hours	19.7
Household chores for 28 hours or more	0.2
Child labour	17.8
Number of children age 5-11	529
Percentage of children age 12-14 involved in	
Economic activity	
Working outside household	
Paid work	1.3
Unpaid work	1.6
Working for family business	35.7
Economic activity less than 14 hours	29.2
Economic activity for 14 hours or more	7.3
Household chores less than 28 hours	63.3
Household chores for 28 hours or more	1.2
Child labour	7.5
Number of children age 12-14	294
Total child labour [1]	14.1
Number of children age 5-14 years	823

Source: BMIS,2010

**Table 54. Child Labour and School Attendance, Paro, (2010)**

Percentage of children age 5-14 years involved in child labour who are attending school, and percentage of children age 5-14 years attending school who are involved in child labour

Child Labour and School Attendance	2010
Percentage of children involved in child labour	14.1
Percentage of children attending school	85.7
Number of children age 5-14 years	823
Percentage of child labourers who are attending school	9.1
Number of children age 5-14 years involved in child labour	116
Percentage of children attending school who are involved in child labour	15.0
Number of children age 5-14 years attending school	705

Source: BMIS,2010

**Table 55. Agriculture Production and Average Prices by Commodities, Paro, (2007 ~ 2010)**

Details	2007	2008	2009	2010
<b>Paddy</b>				
Area (Acres)	2,904.21	3,230.86	4,686.41	6,784.03
Production (MT)	5,382.00	5,406.00	9,027.08	12,402.53
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
<b>Maize</b>				
Area (Acres)	247.80	187.98	67.75	5.93
Production (MT)	102.00	113.00	119.36	12.58
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
<b>Wheat</b>				
Area (Acres)	1,339.42	1,227.49	801.46	630.30
Production (MT)	962.00	282.00	1,313.90	394.16
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
<b>Barley</b>				
Area (Acres)	309.86	130.61	88.16	68.37
Production (MT)	213.00	79.00	164.66	69.88
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
<b>Buckwheat</b>				
Area (Acres)	508.21	307.45	125.63	105.55
Production (MT)	292.00	100.00	220.70	59.00
Price per Kg(Nu.)	n.a	n.a	n.a	n.a

Millet				
Area (Acres)	203.63	51.23	42.78	2.96
Production (MT)	96.00	31.00	47.93	1.06
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Fruits				
Apples				
Number of fruit bearing trees	163,903	13,016	154,458	n.a
Production (Kg)	3,566,000	3,071,700	4,457,000	12,810,370
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Oranges/ Mandarin				
Number of fruit bearing trees	N.A	N.A	N.A	N.A
Production (Kg)	N.A	N.A	N.A	N.A
Price per Kg(Nu.)	N.A	N.A	N.A	N.A
Banana				
Number of fruit bearing trees	N.A	N.A	N.A	N.A
Production (Kg)	N.A	N.A	N.A	N.A
Price per Dozen(Nu.)	N.A	N.A	N.A	N.A
Pear				
Number of fruit bearing trees	668	2,700	784	n.a
Production (Kg)	16,000	44,500	21,000	25,756
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Plum				
Number of fruit bearing trees	n.a	150	227	n.a
Production (Kg)	n.a	6,800	6,000	5,834
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Areca Nut				
Production (Pon)	N.A	N.A	N.A	N.A
Production (Nu.)	N.A	N.A	N.A	N.A
Price per 80 Piece/ Pon(Nu.)	N.A	N.A	N.A	N.A
Vegetables and Spices				
Potato				
Production (kg)	7,444,989	4,555,942	2,760,707	5,233,010
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Chili				
Production (kg)	1,389,827	922,339	2,130,551	875,120
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Onion				

Production (kg)	n.a	26,050	8,000	202
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Cabbage				
Production (kg)	1,106,000	499,000	352,000	360,710
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Cauliflower				
Production (kg)	n.a	7,730	9,000	5,780
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Asparagus				
Production (Bundles)	n.a	n.a	n.a	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per bundle (Nu.)	n.a	n.a	n.a	n.a
Tomato				
Production (Kg)	269,000	62,420	111,000	42,120
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Carrot				
Production (Kg)	194,000	86,320	49,000	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Egg Plant (Brinjal)				
Production (Kg)	12,000	n.a	40,000	8,426
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Raddish				
Production (Kg)	652,000	203,740	253,000	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Ginger				
Production (Kg)	N.A	N.A	N.A	N.A
Production (Nu.)	N.A	N.A	N.A	N.A
Price per Kg(Nu.)	N.A	N.A	N.A	N.A
Cardamom				
Production (Kg)	N.A	N.A	N.A	N.A
Production (Nu.)	N.A	N.A	N.A	N.A
Price per Kg(Nu.)	N.A	N.A	N.A	N.A

Garlic				
Production (Kg)	n.a	18,650	18,000	1,710
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Oil seeds and legumes				
Lentils				
Production (Kg)	n.a	2,210	2,000	n.a
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Mustards				
Production (Kg)	102,114	168,767	514,068	41,420
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Beans				
Production (Kg)	563,000	152,170	359,000	75,100
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a

Source:RNR statistics and Agriculture statistics, MoA

Database:CountrySTAT-Bhutan

**Table 56. Agriculture Infrastructures and Other Facilities , Paro, (2007 ~ 2010)**

Details	2007	2008	2009	2010
Irrigation for agriculture				
Number of irrigation channels				
Functional	n.a	n.a	n.a	n.a
Non-Functional	n.a	n.a	n.a	n.a
Total length of channels (Km)	153.11	153.11	153.11	153.11
Area covered by irrigation (Acres)	4960.24	4960.24	4960.24	4960.24
Number of households benefitted	n.a	n.a	n.a	n.a
Number of food processing units	1	1	1	1
Number of agriculture mills	n.a	n.a	n.a	n.a
Number of livestock product processing units	n.a	n.a	n.a	n.a
Number of farmer association/groups				
Agriculture.n.a	n.a	n.a	n.a	
Livestock	2	2	2	4
Forestry	1	7	14	19
Number of power tillers	n.a	n.a	n.a	578

Source:Agriculture Sector, Paro Dzongkhag

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

Details	2007	2008	2009	2010
Livestock (Number)				
Cattle				
Local breed				
Male	3,096	3,789	3,394	3,024
Female	5,582	2,308	5,574	3,079
Improved breed				
Male	1,203	1,315	1,519	1,544
Female	2,694	2,945	3,553	3,358
Mithun	n.a	n.a	n.a	1,873
Bufallo				
Male	N.A	N.A	N.A	N.A
Female	N.A	N.A	N.A	N.A
Horse				
Local breed	403	254	870	933
Improved breed	366	399	62	29
Yak				
Male	858	930	1,489	1,233
Female	1,247	1,515	2,511	2,457
Sheep				
Local breed	n.a	n.a	8	14
Improved breed	n.a	n.a	n.a	n.a
Pig				
Local breed	448	540	381	374
Improved breed	390	438	443	381
Poultry				
Local breed	1,231	2,640	978	1,396
Improved breed	5,271	6,043	10,651	16,403
Goat	179	169	138	n.a

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Paro Dzongkhag

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

Details	2007	2008	2009	2010
Livestock products				
Fresh Milk (Liters)	1,536,017	3,002,971	3,325,774	1,468,315
Butter (Kg)	81,378	74,546	86,451	57,286
Fresh Cheese (Kg)	130,450	139,708	144,619	119,247
Processed cheese (kg)	n.a	n.a	n.a	n.a
Eggs (Dozen)	270,517	430,188	1,195,867	2,094,521
Fish (Kg)	n.a	n.a	n.a	n.a
Beef (Kg)	11,700	16,150	22,912	22,495
Pork (Kg)	13,135	20,925	24,683	24,378
Yak Meat (Kg)	9,210	9,360	5,699	19,990
Mutton (Kg)n.a	n.a	n.a		n.a
Honey (Gm)n.a	n.a	n.a		n.a
Chicken (Kg)	30	240	n.a	5,998

Source: Livestock Sector, Paro Dzongkhag



**Table 59. Forestry Production,Paro, (2007 ~ 2010)**

Details	2007	2008	2009	2010
Wood Forest Product1				
Log Form (Cft)	5,285	6,880.4	4,195.5	n.a
Fire wood (Cubic metres)	301T/L	229T/L	554T/L	8,248
Flag Poles (Number)	2,961	6,314	1,155	13,004
Shinglap (Number of trees)	70	104	9	1,089
Cham (Number of trees)	4,222	2,705	853	29,847
Tsim (Number of trees)	4,336	4,693	2,985	23,081
Non-Wood Forest Product2				
Mushroom (Kg)	n.a	n.a	n.a	n.a
Mushroom (Nu.)	n.a	n.a	n.a	n.a
Medicinal and Aromatic plants (Kg)	n.a	n.a	n.a	n.a
Cordyceps (Kg)	n.a	n.a	n.a	n.a
Cordyceps (Nu.)	n.a	n.a	n.a	n.a
Sand (Truck load)	839	413	439	4,543
Stones (Truck load)	711	1,003	1,120	22,163
Bamboo (Number)	139	1,156	1,486	2,320
Cane (Bundles)	n.a	n.a	n.a	n.a
Lemon grass (Kg)	n.a	n.a	n.a	n.a
Mining Sites (Number)	3	3	3	2
Quarry Sites6	6	6		7
Municipal Waste Disposal Sites	1	1	1	1
Environmental Clearance Issued	n.a	n.a	31	20

Note:

1. T/L means Truck Load

Source:<sup>1</sup>Divisional Forest,Paro

**Table 60. Electricity Generating Stations and Capacities, Paro, (2009 & 2010)**

Stations	2009			2010		
	Installed capacity (no.x MW)	Generating capacity (MW)	Peak generation (MU)	Installed capacity (no.x MW)	Generating capacity (MW)	Peak generation (MU)
N.A	n.a	n.a	n.a	n.a	n.a	n.a
Diesel generation stations	n.a	n.a	n.a	n.a	n.a	n.a
N.A	n.a	n.a	n.a	n.a	n.a	n.a

Source : Department of Energy, MoEA, (Dzongkhag Name)

**Table 61. Number of Households by Area, Paro, (2009 ~ 2011)**

Details	2009	2010	2011
Total number of household in Urban	611	622	632
Total number of household in Rural	7032	7155	7278

Note: the number of households are projected based on PHCB 2005

Source: PHCB 2005

**Table 62. Number of Building Permits issued by Towns, Paro, (2009 ~ 2011)**

new buildings	2009	2010	2011
Tshongdue	n.a	n.a	n.a
Bondey	n.a	n.a	n.a

Source: Dzongkhag Municipal, Paro Dzongkhag

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

Details	2009	2010	2011
Industries by type (Number)			
Agro based	13	14	15
Forestry based	112	131	144
Mineral based	14	17	19
Others	24	29	32
Industries by scale (Number)			
Large	2	4	5
Medium	19	24	25
Small	91	177	197
Cottage	1,267	2,208	2,310
Contract firms (Number)	536	580	597
Large	n.a	n.a	n.a
Medium	n.a	n.a	n.a
Small	n.a	n.a	n.a

Source: Regional Trade and Industry Office, Thimphu

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

Details	(Number)				
	2007	2008	2009	2010	2011
Trade and Industries					
Micro & retail trade licences issued	179	176	208	226	168
Micro & retail trade licences in operation	n.a	n.a	n.a	1,217	1,382
Wholesale trade licences issued	1	0	11	3	2
Wholesale trade licences in operation	n.a	n.a	n.a	11	13
Services licences issued	102	70	83	79	105
Services licences in operation	n.a	n.a	n.a	646	750
Manufacturing licenses issued	11	16	26	29	19
Manufacturing licenses in operation	n.a	n.a	n.a	121	140

Note: the data for the year 2011 is as of 30th September 2011.

Source: Regional Trade Office, Thimphu

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

Details	(Number)				
	2007	2008	2009	2010	2011
Public Service Transport					
Bus	n.a	n.a	n.a	n.a	n.a
Taxi	n.a	n.a	n.a	n.a	n.a
Motor vehicle registration					
Heavy	n.a	n.a	n.a	n.a	n.a
Medium	n.a	n.a	n.a	n.a	n.a
Small	n.a	n.a	n.a	n.a	n.a
Two wheeler	n.a	n.a	n.a	n.a	n.a
Auto Mobile workshop <sup>3</sup>	6	10	10	14	16
Bus stations <sup>0</sup>	0	0	0	0	

Source: RSTA Regional Office, Thimphu

**Table 66: Roads and Bridges, Paro, (2007~2011)**

Details	2007	2008	2009	2010	2011
Roads (Length in Km)					
Farm roads <sup>1</sup>	n.a	137.40	173.94	216	262
Feeder roads <sup>2</sup>	n.a	n.a	n.a	n.a	n.a
Forest roads <sup>1</sup>	n.a	n.a	5.19	5.19	5.19
Highways/Dzongkhag roads	n.a	170.83	170.83	170.83	170.83
Bridges (Number)					
Suspension bridge <sup>1</sup>	13	13	13	13	13
Suspended <sup>1</sup>	3	3	3	4	4
Bailey bridges <sup>2</sup>	0	0	0	0	3
Traditional bridges <sup>1</sup>	1	1	1	1	1

Note: Five Steel Truss bridges and two wooden cantilever bridges are not included in the above table.

Highways/Dzongkhag road includes 103km Primary highways, 36.4km Secondary highways, 26.23 Dzongkhag road and 5.2km Urban road.

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

**Table 67. Telecommunications, Paro, (2007 ~ 2011)**

(Number)

Telecommunications	2007	2008	2009	2010	2011
Households with fixed telephone	n.a	n.a	n.a	1,787	1,800
Tashi cell users	n.a	n.a	n.a	n.a	n.a
B.mobile users	n.a	n.a	n.a	33,420	37,581
Community information centres	n.a	n.a	n.a	0	4
Gewogs accessible to mobile services	n.a	n.a	n.a	10	10
Households with internet access	n.a	n.a	n.a	690	992
Bhutan post office	n.a	n.a	n.a	1	1

Source: Bhutan Telecom Limited, Paro

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

(number)

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

Source: Financial Institutions, Paro Dzongkhag

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

Number of facilities	Number of account holders(2010)				
	Loan	savings	current	fixed deposit	recurring deposit
RICB	n.a	N.A	N.A	N.A	N.A
BDBL	1458	1178	10	94	316
BNB	1367	5903	192	701	N.A
PNB	n.a	n.a	n.a	n.a	n.a
T Bank	n.a	n.a	n.a	n.a	n.a
Bhutan insurance limited	N.A	N.A	N.A	N.A	N.A
BOB	1368	7925	526	578	2009

Source: Financial Institutions, Paro Dzongkhag

**Table 70. Number of Administrative Units, Paro, (2007 ~ 2011)**

Details	2007	2008	2009	2010	2011
Administration (Number)					
Drungkhags 0	0	0	0	0	
Gewogs	10	10	10	10	10
Chiwogs	95	95	95	95	50
Villages	396	396	396	396	396
Households	7377	7509	7643	7777	7911
Towns	1	1	1	1	1
Number of Police stations	1	1	1	1	1

Note: the number of households are projected based on PHCB 2005

Source: Administration Office, Paro Dzongkhag

**Table 71. Recreation, Tourist Visitors and Accommodation, Paro, (2007 ~ 2011)**

Details	2007	2008	2009	2010	2011
Number of children park	1	1	1	1	1
Number of hotels	n.a	n.a	n.a	71	75
Number of restaurants	n.a	n.a	n.a	271	307
Number of drayangs	n.a	n.a	5	5	5
Number of discotheques	n.a	2	2	2	2
Number of foreign tourist visitors	n.a	n.a	n.a	n.a	n.a

Source: Administration Office, Paro Dzongkhag and RTIO, Thimphu



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