



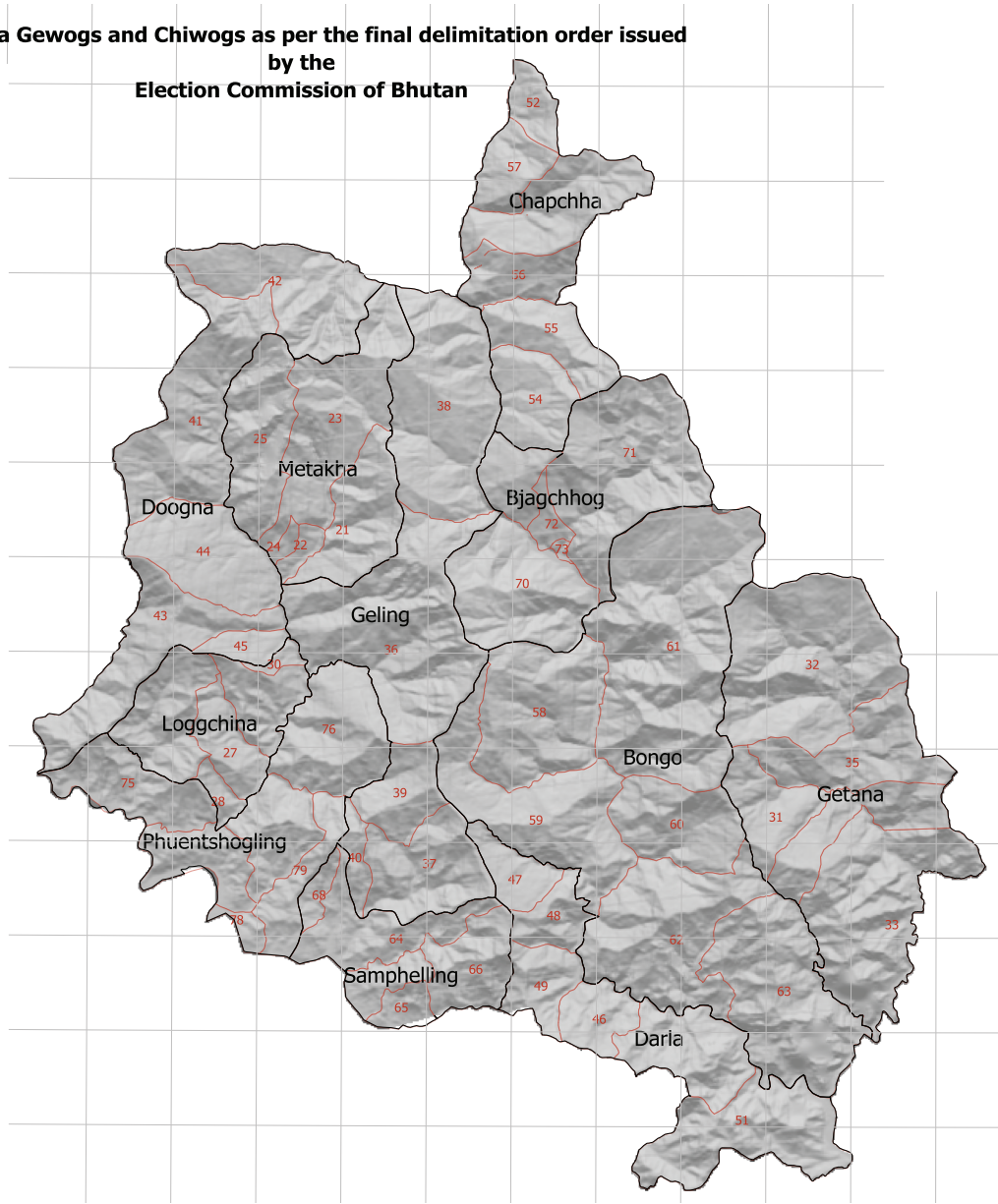
ANNUAL DZONGKHAG STATISTICS 2011



Dzongkhag Administration
CHHUKHA



**Chhukha Gewogs and Chiwogs as per the final delimitation order issued
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Preface

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

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

National Statistics Bureau
Thimphu

Background

Chukha Dzongkhag was established in April 1987, coinciding with the beginning of the sixth plan. The dzongkhag has one Drungkhag and 11 geogs Viz Sampheling, Bongo, Bjabchho, Chapchha, Darla, Dungna, Getena, Geling, Lokchina, Metakha and Phuentsholing.

Chukha is the main entry points for import and commercial hub of the country. Major hydro power plants, which are key source of national income, are also located in Chukha dzongkhag. This comparative advantage can foster rapid economic growth of the Dzongkhag

Chukha dzongkhag covers an area of about 1,802 sq.kilometers with elevations ranging from 200 to 3500m above sea level. Overall arable land forms only around 4.63% percent of the total area of the Dzongkhag with average landholding of 5.6 acres per household(Source gewog extension).

Majority of the people depend on livestock and subsistence agricultural farming. Mandarin, potatoes and cardamom are the principal cash crops in the dzongkhag. Despite favorable climatic conditions, farm productivity is low due to terrain conditions and lack of adequate farm infrastructure in particular farm roads.

The dzongkhag has 43 schools including two private schools in Phuntsholing. Three hospitals and Nine BHUs render public health services in the dzongkhag. With 199 drinking water supply schemes, over 62 percent of the populations have access to piped drinking water supply.

Phuentsholing, Darla, Sampheling, Chapchha, Bongo and Bjabchho geogs have fairly good road network, electricity, water supply, health and education coverage with high income levels and good living conditions. Getena, Dungna, Metakha, Lokchina and Geling geogs on the other hand are very remote and relatively poor. However motorable roads are under construction in those gewogs and soon the considerable problem in delivering developmental services to the people in these geogs will be overcome.

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, Chhukha, (2005 ~ 2011)

Age-group	2005	2006	2007	2008	2009	2010	2011
Total	74,387	75,749	77,132	78,529	79,944	81,364	82,784
0-4	6,960	7,978	8,504	9,027	9,544	10,052	10,010
5-9	7,811	7,845	7,659	7,503	7,375	7,274	7,803
10-14	7,961	8,453	8,342	8,210	8,072	7,934	7,734
15-19	7,881	8,321	8,370	8,407	8,421	8,401	8,343
20-24	9,994	7,840	7,922	7,994	8,061	8,127	8,194
25-29	8,701	7,039	7,199	7,344	7,476	7,598	7,708
30-34	6,095	5,864	6,078	6,301	6,520	6,724	6,911
35-39	5,437	4,900	5,045	5,193	5,355	5,538	5,743
40-44	3,859	3,974	4,129	4,293	4,459	4,622	4,778
45-49	3,104	3,269	3,364	3,464	3,577	3,705	3,849
50-54	2,176	2,695	2,773	2,857	2,944	3,036	3,129
55-59	1,423	2,209	2,264	2,324	2,388	2,458	2,533
60-64	1,030	1,782	1,822	1,866	1,912	1,962	2,016
65+	1,955	3,580	3,661	3,746	3,838	3,933	4,033
Male	42,298	43,073	43,852	44,632	45,417	46,202	46,982
0-4	3,515	4,363	4,659	4,953	5,244	5,529	5,509
5-9	3,889	4,311	4,208	4,121	4,050	3,994	4,290
10-14	3,961	4,678	4,614	4,539	4,461	4,383	4,268
15-19	3,830	4,663	4,678	4,689	4,688	4,670	4,631
20-24	6,281	4,516	4,541	4,557	4,571	4,586	4,606
25-29	5,420	4,115	4,205	4,285	4,353	4,410	4,453
30-34	3,754	3,463	3,586	3,712	3,835	3,949	4,053
35-39	3,426	2,902	2,992	3,082	3,178	3,285	3,402
40-44	2,436	2,326	2,426	2,532	2,638	2,741	2,838
45-49	1,975	1,897	1,955	2,016	2,086	2,166	2,257
50-54	1,346	1,558	1,605	1,655	1,707	1,761	1,817
55-59	845	1,270	1,303	1,339	1,377	1,418	1,462
60-64	550	1,017	1,040	1,066	1,093	1,122	1,153
65+	1,070	1,994	2,040	2,086	2,136	2,188	2,243

Female	32,089	32,676	33,280	33,897	34,527	35,162	35,802
0-4	3,445	3,615	3,845	4,074	4,300	4,523	4,501
5-9	3,922	3,534	3,451	3,382	3,325	3,280	3,513
10-14	4,000	3,775	3,728	3,671	3,611	3,552	3,466
15-19	4,051	3,658	3,692	3,718	3,733	3,731	3,712
20-24	3,713	3,324	3,381	3,437	3,491	3,540	3,588
25-29	3,281	2,924	2,994	3,059	3,123	3,189	3,255
30-34	2,341	2,401	2,492	2,589	2,685	2,775	2,858
35-39	2,011	1,998	2,053	2,111	2,177	2,253	2,341
40-44	1,423	1,648	1,703	1,761	1,821	1,881	1,940
45-49	1,129	1,372	1,409	1,448	1,491	1,539	1,592
50-54	830	1,137	1,168	1,202	1,238	1,274	1,312
55-59	578	939	961	985	1,012	1,040	1,071
60-64	480	765	782	800	819	840	863
65+	885	1,586	1,621	1,660	1,701	1,745	1,790

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, Chhukha, (2005 ~ 2011)

Details	2005	2006	2007	2008	2009	2010	2011
Population (Number)	74,387	75,749	77,132	78,529	79,944	81,364	82,784
Population density (Persons per Sq. Km)	41.28	42.04	42.80	43.58	44.36	40.48	45.90
Population sex ratio	132	132	132	132	132	131	131

Source : Dzongkhag Population Projection 2006-2015

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

Age-group	2008	2009	2010
Live births	883	n.a	680
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Total deaths	110	n.a	101
Male	77	n.a	67
Female	33	n.a	34
Infant deaths	4	n.a	6
Male	3	n.a	6
Female	1	n.a	0
Marriages	n.a	n.a	14,603
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Divorces	n.a	n.a	424
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a

Source: Dzongkhag Health Sector & Court, Chhukha Dzongkhag

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

Details	2010
Adolescent birth rate (age specific fertility rate for women age 15-19)	29
Total fertility rate	1.9

Source : BMIS, 2010

Table 5. Early Childbearing, Chhukha, (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	6.5
Are pregnant with first child	1.6
Have begun childbearing	8.1
Have had a live birth before 15	0.0
Number of women age 15~19	269
% of women age 20~24 who have had a live birth before age 18	13.1
Number of women age 20~24	296

Source : BMIS, 2010

Table 6. Use of Contraception, Chhukha, (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	34.2
Percent of women (currently married or in union) who are using	
Female sterilization	7.7
Male sterilization	10.6
IUD	3.9
Injectables	25.5
Implants	0.0
Oral contraceptive Pill	7.1
Male condom	10.2
Female condom	0.0
Foam/ jelly	0.0
Lactational amenorrhoea method (LAM)	0.1
Periodic abstinence/ rhythm	0.3
Withdrawal	0.0
Other	0.4
Any modern method	65
Any traditional method	0.8
Any method	65.8
Number of women currently married or in union	1039

Source : BMIS, 2010

Table 7. Antenatal Care Provider, Chhukha, (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	27.2
Nurse/ midwife	65.8
HA/ BHW	5.0
Assistant clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.0
Other/ missing	0.0
No antenatal care received	2.0
Total	100
At Least once by skilled personnel	98
Number of women who gave birth in the preceding 2 years	223

Source : BMIS, 2010

Table 8. Number of Antenatal Care Visits, Chhukha, (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	2.0
1 Visits	2.4
2 Visits	3.3
3 Visits	8.1
4 or more visits	84.2
Missing/ DK	0.0
Total	100
Number of women who gave birth in the preceding 2 years	223

Source : BMIS, 2010

Table 9. Assistance During Delivery, Chhukha, (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	38.3
Nurse / Midwife	30.5
HA/BHW	0.7
Asst. clinical officer (ACO)	0.0
Traditional birth attendant	0.0
Village health worker	0.0
Relative / friend	26.2
Other/missing	4.4
No attendant	0.0
Total	100
Any skilled personnel	69.5
Percent delivered by C-section	18.7
Number of women who gave birth in preceding two years	223

Source : BMIS, 2010

Table 10. Place of Delivery, Chhukha, (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	71.4
Private sector health facility	0.8
Home	26.7
Other	1.0
Total	100
Delivered in health facility [1]	72.2
Number of women who gave birth in preceding two years	223

Source : BMIS, 2010

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

Details	2007	2008	2009	2010
Number of hospitals	3	3	3	3
Number of BHUs	8.0	9.0	10.0	10.0
BHU grade I	1.0	1.0	1.0	1.0
BHU grade II	7	8	9	9
Number of ORCs	47	47	47	47
Number of indigenous units	2	2	2	4
Number of doctors	10	10	10	11
Number of hospital/BHU beds	90	100	100	100
Persons per doctor	7,713	7,853	7,994	7,397
Persons per hospital bed	857	785	799	814
Total morbidity attendance	132,367	135,359	132,054	130,546
Health assistants	15	34	37	35
Basic health workers	79	7	6	8
Sister and nurses	28	38	40	44
Technicians	n.a	40	41	52
Indigenous dungtsho	n.a	2	2	2
Indigenous compounders/Menpas	n.a	2	2	4
Malaria workers	n.a	4	4	4
Village health workers	64	79	87	n.a
Number of children immunized				
Polio	938	1,432	1,199	1,164
DPTH	1,473	1,436	1,479	1,319
Measles	1,733	1,748	1,392	1,281
BCG	1,125	1,411	1,374	1,310
Others				

Source: Dzongkhag Health Sector, Chhukha Dzongkhag

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

Average admission	2007	2008	2009	2010
Hospital admission				
Total	4574	6040	5763	5223
Patient days	15277	14276	10350	9266
Average days	3.3	2.4	1.8	1.8
BHU admission	195	191	163	173

Source : Annual Health Bulletin, MoH

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

Details	2007	2008	2009	2010
Surgeries	4545	5460	1331	824
Caesarian Section	0	99	166	214
General Abdominal	428	229	241	325
General Others	1100	1864	146	99
Orthopaedic extremities	1835	1583	419	68
Orthopaedic Others	1164	1460	235	32
Gynaecology	5	147	95	83
ENT	9	52	26	3
Eye	4	26	3	0

Source : Annual Health Bulletin, MoH

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

Dental Services	2007	2008	2009	2010
Prophylaxis	205	147	145	184
Scaling	240	120	77	96
Fillings	2932	3033	2842	3410
Extractions	2257	3089	3345	3919
Others	4533	5155	4140	5772

Source : Annual Health Bulletin, MoH

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

Priority health problem/ Disease	2007	2008	2009	2010
Diarrhoea	8,554	8,419	6,785	4,764
Conjunctivitis	4,225	4,080	4,513	4,840
Dysentery	2,538	2,330	2,500	1,513
Typhoid	24	86	78	n.a
Sexually transmitted disease, excluding HIV/AIDS	120	176	171	98
Diabetes	388	561	278	235
Tuberculosis	82	149	104	100
Early syphilis	1	0	8	n.a
Cholera	5	0	1	n.a
Tetanus	0	0	0	n.a
Diphtheria	0	0	0	n.a
Pertussis	0	0	0	n.a

Source : Dzongkhag Health Sector, Chhukha Dzongkhag

Table 16. Child Disability, Chhukha, (2010)

Child Disability	2010
Percentage of children aged 2-9 years with reported disability by type of disability	
Delay in sitting standing or walking	5.6
Difficulty seeing, either in the daytime or at night	2.6
Appears to have difficulty hearing	1.3
No understanding of instructions	1.2
Difficulty in walking moving, moving arms, weakness or stiffness	3.7
Have fits, become rigid, lose consciousness	2.4
Not learning to do things like other children his/her age	1.4
No speaking cannot be understood in words	4.3
Appears mentally backward, dull, or slow	6.8
Speech is not normal	15.9
Number of children aged 3-9 years	993
Cannot name at least one object	24.4
Number of children aged 2 years	125
Percentage of children 2-9 years of age with at least one reported disability*	32.6
Number of children aged 2-9 years	1118

Source: BMIS, 2010

Table 17. Nutritional Status of Children, Chhukha, (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]	14.1
Weight for age:	% below -3 sd [2]	3.3
Weight for age:	Mean Z-Score (SD)	-.9
Weight for age:	Number of children	625
Height for age:	% below -2 sd [3]	27.4
Height for age:	% below -3 sd [4]	6.4
Height for age:	Mean Z-Score (SD)	-1.0
Height for age:	Number of children	617
Weight for height:	% below -2 sd [5]	10.9
Weight for height:	% below -3 sd [6]	2.2
Weight for height:	% above +2 sd	2.4
Weight for height:	Mean Z-Score (SD)	-.4
Weight for height:	Number of children	615

Source: BMIS, 2010

Table 18. Initial Breastfeeding, Chhukha, (2010)

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

Initial Breastfeeding	2010
Percentage ever breastfed	100
Percentage who were first breastfed: Within one hour of birth	38.1
Percentage who were first breastfed: Within one day of birth	94.7
Percentage who received a prelacteal feed	10.1
Number of last-born children in the two years preceding the survey	223

Source: BMIS, 2010

Table 19. Duration of Breastfeeding, Chhukha, (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	24.4
Exclusive breastfeeding	2.9
Predominant breastfeeding	4.7
Number of children age 0-35 months	370

Source: BMIS, 2010

Table 20. Low Birth Weight Infants, Chhukha, (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	14.4
Weighed at birth	74.3
Number of live births in the last 2 years	223

Source: BMIS, 2010

Table 21. Neonatal Tetanus Protection, Chhukha, (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	45.6
Percentage of women who did not receive two or more doses during last pregnancy but received	
2 doses, the last within prior 3 years	15.0
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]	60.6
Number of women with a live birth in the last 2 years	223

Source: BMIS, 2010

Table 22. Solid Fuel Use, Chhukha, 2010

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

Solid Fuel Use	2010
Percentage of household members in households using	
Electricity	23.4
Liquefied Petroleum Gas (LPG)	37.8
Kerosene	0.0
Coal	0.2
Wood	38.6
Straw/Shrubs/Grass	0.0
No food cooked in household	0.0
Other	0.0
Total	100
Solid fuels for cooking	38.7
Number of household members	6863

Source: BMIS, 2010

Table 23. Use of Improved Water Sources, Chhukha, (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	39.1
Piped into compound	39.9
Piped to neighbor	13.4
Public outdoor tap	0.5
Protected well	0.0
Spring	0.8
Rainwater collection	0.0
Bottled water	0.0
Unimproved sources	0.0
Unprotected well	0.0
Unprotected spring	3.2
Tanker-truck	0.0
Cart with samll tank/drum	0.0
Surface water (river,stream, dam, lake,pond,canal,irrigation channel)	3.1
Other	0.0
Total	100
Percentage using improved sources of drinking water	93.7
Number of household members	6863

Source: BMIS, 2010

Table 24. Household Water Treatment, Chhukha, (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	6.8
Boil	81.8
Add bleach / chlorine	0.4
Strain through a cloth	1.2
Use water filter	34.9
Solar disinfection	0.1
Let it stand and settle	13.1
Other	0.0
Don't know	0.0
Number of household members	6863
Percentage of household members in households using unimproved drinking water sources and using an appropriate water treatment method [1]	70.6
Number of household members in households using unimproved drinking water sources	430

Source: BMIS, 2010

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

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

Time to Source of Drinking Water	2010
Time to source of drinking water	
Users of improved drinking water sources	
Water on premises	92.7
Less than 30 minutes	1
30 minutes or more	0.0
Missing/DK	0.0
Users of unimproved drinking water sources	
Water on premises	0.7
Less than 30 minutes	2.7
30 minutes or more	2.8
Missing/DK	0.0
Total	100
Number of household members	6863

Source: BMIS, 2010

Table 26. Types of Sanitation Facilities, Chhukha, (2010)

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

Types of Sanitation facilities	2010
Type of toilet facility used by household	
Improved sanitation facility	
Flush toilet	0.5
Flush to septic tank(Without soak pit)	54.5
Flush to pit (latrine)	8.7
Flush to unknown place/not sure/DK where	0.0
Flush to septic tank (with soak pit)	3.6
Ventilated Improved Pit latrine (VIP)	0.2
Pit latrine with slab	18.5
Composing toilet	0.0
Unimproved sanitation facility	
Flush to somewhere else	0.3
Pit latrine without slab /open pit	8.4
Long drop latrine	0.7
Bucket	0.0
Other	0.0
Missing	0.0
Open defecation (no facility, bush, field)	
No facility,bush, field	4.6
Total	100
Number of household members	6863

Source: BMIS, 2010

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

Details	CPS	PS	LSS	MSS	HSS	College	Pvt.	Other	NFE	Daycare	Total
2008											
Number of schools and institutions	17	4	7	5	2	2	2	n.a	40	n.a	79
Teaching staff											
Bhutanese	79	31	144	151	51	42	31	n.a	43	n.a	572
Male	54	16	55	73	30	38	17	n.a	24	n.a	307
Female	25	15	89	78	21	4	14	n.a	19	n.a	265
Non-Bhutanese	-	1	14	43	27	29	11	n.a	-	n.a	125
Male	-	-	8	29	17	25	4	n.a	-	n.a	83
Female	-	1	6	14	10	4	7	n.a	-	n.a	42
Temporary teachers											
Male	-	-	-	-	-	-	-	n.a	-	n.a	-
Female	-	-	-	-	-	-	-	n.a	-	n.a	-
Number of students	2,377	946	5,484	4,899	1,665	787	700	n.a	951	n.a	17,809
Male	1,221	504	2,802	2,481	820	528	355	n.a	225	n.a	8,936
Female	1,156	442	2,682	2,418	845	259	345	n.a	726	n.a	8,873
Student to teacher ratio	30.09	29.56	34.71	25.25	21.35	11	17	n.a	22.12	n.a	
2009											
Number of schools and institutions	18	5	7	4	3	2	2	n.a	36	n.a	77
Teaching staff											
Bhutanese	65	42	148	113	105	55	28	n.a	43	n.a	599
Male	48	20	47	49	57	47	14	n.a	24	n.a	306
Female	17	22	101	64	48	8	14	n.a	19	n.a	293

Non-Bhutanese	-	-	15	36	36	35	10	n.a	-	n.a	132
Male	-	-	9	23	26	31	6	n.a	-	n.a	95
Female	-	-	6	13	10	4	4	n.a	-	n.a	37
Temporary teachers	15	5	9	5	3	-	2	n.a	-	n.a	39
Male	12	1	4	3	1	-	1	n.a	-	n.a	22
Female	3	4	5	2	2	-	1	n.a	-	n.a	17
Number of students	2,266	1,216	2,498	5,215	3,215	1,245	765	n.a	878	n.a	17,298
Male	1,133	638	1,227	2,617	1,611	787	382	n.a	209	n.a	8,604
Female	1,133	578	1,271	2,598	1,604	458	383	n.a	669	n.a	8,694
Student to teacher ratio	28.33	25.87	14.52	33.86	22.33	14	19	n.a	20.42	n.a	
2010											
Number of schools and institutions	18	5	7	4	3	2	2	n.a	36	n.a	77
Teaching staff											
Bhutanese	72	41	71	115	114	131	22	n.a	51	n.a	617
Male	54	16	12	55	62	99	12	n.a	21	n.a	331
Female	15	25	59	60	52	32	10	n.a	30	n.a	283
Non-Bhutanese		1	6	30	35	36	9	n.a	-	n.a	117
Male	-	-	3	20	25	31	6	n.a	-	n.a	85
Female	-	1	3	10	10	5	3	n.a	-	n.a	32
Temporary teachers	22	4	1	-	1	-	4	n.a	-	n.a	32
Male	18	1	-	-	-	-	4	n.a	-	n.a	23
Female	5	3	1	-	1	-	-	n.a	-	n.a	10
Number of students	2,174	1,206	1,662	2,585	3,125	1,245	734	n.a	956	n.a	13,687
Male	1,085	622	804	1,280	1,525	787	353	n.a	322	n.a	6,778
Female	1,089	584	858	1,305	1,600	458	381	n.a	634	n.a	6,909
Student to teacher ratio	23.13	26.22	21.31	17.83	20.83	7	21	n.a	18.75	n.a	

2011	20	6	6	5	3	2	2	n.a	48	n.a	92
Number of schools and institutions											
Teaching staff											
Bhutanese											
Male	56	19	60	59	54	n.a	n.a	n.a	n.a	n.a	248
Female	23	29	113	62	49	n.a	n.a	n.a	n.a	n.a	276
Non-Bhutanese											
Male	0	0	0	0	0	n.a	n.a	n.a	n.a	n.a	0
Female	0	1	0	0	0	n.a	n.a	n.a	n.a	n.a	1
Temporary teachers											
Male	6	0	12	24	23	n.a	n.a	n.a	n.a	n.a	65
Female	0	0	7	10	11	n.a	n.a	n.a	n.a	n.a	28
Number of students											
Male	1,011	689	2,705	1,971	1,554	n.a	266	n.a	n.a	n.a	8,196
Female	1,102	658	2,738	1,928	1,623	n.a	326	n.a	n.a	n.a	8,375
Student to teacher ratio	24.86	27.49	28.35	25.15	23.19	n.a	n.a	n.a	n.a	n.a	

Source: Dzongkhag Education Sector, Chhukha Dzongkhag.

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

Class	2008	2009	2010	2011
Primary level				
Total	10,897	11,052	10,948	10,519
Class PP	1,882.0	1,702.0	1,680.0	1,487.0
Class I	1,722.0	1,870.0	1,637.0	1,602.0
Class II	1,626	1,695	1,730	1,552
Class III	1,336	1,553	1,650	1,647
Class IV	1,642	1,366	1,544	1,642
Class V	1,426	1,539	1,242	1,418
Class VI	1,263	1,327	1,465	1,171
Male				
Class PP	984	840	852	752
Class I	861	958	827	805
Class II	854	850	845	766
Class III	689	806	830	799
Class IV	836	690	780	826
Class V	735	772	625	709
Class VI	645	660	733	564
Female				
Class PP	898	862	828	735
Class I	861	912	810	797
Class II	772	845	885	786
Class III	647	747	820	848
Class IV	806	670	764	816
Class V	691	767	632	709
Class VI	618	667	732	607

Secondary level				
Total	5,174	5,378	5,583	6,052
Class VII	1,265	1,247	1,316	1,493
Class VIII	1,052	1,144	1,198	1,257
Class IX	1,037	1,049	1,075	1,361
Class X	873	804	876	945
Class XI	514	607	535	553
Class XII	433	527	583	443
Male				
Class VII	621	638	642	722
Class VIII	535	589	599	620
Class IX	509	534	515	674
Class X	430	419	452	463
Class XI	256	300	252	269
Class XII	228	256	306	227
Female				
Class VII	644	716	674	771
Class VIII	517	555	599	637
Class IX	528	515	560	687
Class X	443	385	424	482
Class XI	258	307	283	284
Class XII	205	271	277	216

Source: Dzongkhag Education Sector, Chhukha Dzongkhag

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

Details	2008	2009	2010	2011
Students in primary school level (Class PP-VI)				
Total	10,897	11,052	10,948	10,519
Age < 6 years	129	49	85	129
Age 6-12 years	8,524	8,532	8,171	8,340
Age 13 & above	2,263	2,471	2,692	2,050
Male	5,604	5,683	5,328	5,221
Age < 6 years	64	29	55	63
Age 6-12 years	4,288	4,250	3,946	4,068
Age 13 & above	1,252	1,404	1,327	1,090
Female	5,293	5,369	5,620	5,298
Age < 6 years	46	20	30	66
Age 6-12 years	4,257	4,282	4,225	4,272
Age 13 & above	990	1,067	1,365	960
Student in LSS level (Class VII-VIII)				
Total	2,317	2,208	2,383	2,750
Age < 13 years	113	126	198	140
Age 13-14 years	853	794	754	981
Age 15 & above	1,351	1,288	1,431	1,629
Male	1,156	1,060	1,276	1342
Age < 13 years	46	64	103	57
Age 13-14 years	404	344	363	440
Age 15 & above	706	652	810	845
Female	1,161	1,148	1,107	1408
Age < 13 years	67	62	95	83
Age 13-14 years	449	450	391	541
Age 15 & above	645	636	621	784

Students in MSS level (Class IX-X)				
Total	1,910	2,157	204	2,306
Age < 15 years	52	117	69	83
Age 15-16 years	620	719	97	781
Age 17 & above	1,238	1,321	38	1,442
Male	939	1,081	95	1137
Age < 15 years	23	44	27	38
Age 15-16 years	274	308	46	343
Age 17 & above	642	729	22	756
Female	971	1,076	109	1169
Age < 15 years	29	73	42	45
Age 15-16 years	346	411	51	438
Age 17 & above	596	592	16	686
Students in HSS level (Class XI-XII)				
Total	947	554	612	996
Age < 17 years	65	39	94	23
Age 17-18 years	374	231	250	289
Age 19 & above	508	284	268	684
Male	484	290	331	496
Age < 17 years	31	21	40	12
Age 17-18 years	168	101	115	117
Age 19 & above	285	168	176	367
Female	463	264	281	500
Age < 17 years	34	18	54	11
Age 17-18 years	206	130	135	172
Age 19 & above	223	116	92	317

Source : Education Sector, Chhukha Dzongkhag

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

Literacy Among Young Women	2010
Percentage literate	61.0
Percentage not known	0.0
Number of women age 15-24 years	565

Source: BMIS, 2010

Table 31. School Readiness, Chhukha, (2010)

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

School Readiness	2010
Percentage of children attending first grade who attended preschool in previous year	1.3
Number of children attending first grade of primary school	176

Source: BMIS, 2010

Table 32. Primary School Entry, Chhukha, (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	61.6
Number of children of primary school entry age	178

Source: BMIS, 2010

Table 33. Children Reaching Last Grade of Primary School, Chhukha, (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
Percent attending grade 2 last year who are attending grade 3 this year	98.8
Percent attending grade 3 last year who are attending grade 4 this year	97.4
Percent attending grade 4 last year who are attending grade 5 this year	95.9
Percent attending grade 5 last year who are attending grade 6 this year	100
Percent who reach grade 6 of those who enter grade 0	90.9

Source: BMIS, 2010

Table 34. Education Gender Parity, Chhukha, (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	90.1
Primary school adjusted net attendance ratio (NAR), boys	88.5
Gender parity index (GPI) for primary school adjusted NAR	1.02
Secondary school adjusted net attendance ratio (NAR), girls	58.2
Secondary school adjusted net attendance ratio (NAR), boys	57.6
Gender parity index (GPI) for secondary school adjusted NAR	1.01

Source: BMIS, 2010

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

Nature of Crime	(Incident)		
	2009	2010	2011
Attempt, aiding and abetting, solicitation and criminal conspiracy	n.a	n.a	n.a
Homicide	n.a	n.a	n.a
Assault, battery and related offences	n.a	n.a	n.a
Kidnapping and related offences	n.a	n.a	n.a
Sexual offence	n.a	n.a	n.a
Offence against infant, child, mentally disabled and incompetent person	n.a	n.a	n.a
Arson and related offences	n.a	n.a	n.a
Burglary, trespass and related offences	n.a	n.a	n.a
Larceny, robbery, armed robbery and related offences	n.a	n.a	n.a
Money laundering and smuggling	n.a	n.a	n.a
Embezzlement and bribery	n.a	n.a	n.a
Forgery and related offences	n.a	n.a	n.a
Defamation and related offences	n.a	n.a	n.a
Treason, terrorism and related offences	n.a	n.a	n.a
Offences against cultural and national heritage	n.a	n.a	n.a
Offences against judicial authority	n.a	n.a	n.a
Prostitution and related offences	n.a	n.a	n.a
Offences against the public welfare	n.a	n.a	n.a
Offences related to public and civic duties	n.a	n.a	n.a
Offences related to public order and tranquillity	n.a	n.a	n.a
Offences against privacy	n.a	n.a	n.a
Computer offences	n.a	n.a	n.a
Offences related to firearms and weapons	n.a	n.a	n.a
Offences related to protected species, controlled and other harmful substances	n.a	n.a	n.a
Motor vehicle offences	n.a	n.a	n.a
Others	n.a	n.a	n.a
Total crimes	n.a	n.a	n.a

Source: Royal Bhutan Police, Chhukha Dzongkhag

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

Month	2009	2010	2011
January	n.a	N.A	n.a
February	n.a	N.A	n.a
March	n.a	1	n.a
April	n.a	2	n.a
May	n.a	1	n.a
June	n.a	1	n.a
July	n.a	1	n.a
August	n.a	N.A	n.a
September	n.a	3	n.a
October	n.a	N.A	n.a
November	n.a	N.A	n.a
December	n.a	1	n.a
Total	n.a		n.a

Source: Royal Bhutan Police, Chhukha Dzongkhag

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

Details	2009	2010	2011
Mechanical fault	n.a	10	n.a
Drunk driving	n.a	7	n.a
Bad weather	n.a	8	n.a
Without licence	n.a	6	n.a
Unknown causes	n.a	0	n.a
Other causes	n.a	50	n.a
All causes	n.a	81	n.a

Source: Royal Bhutan Police, Chhukha Dzongkhag

Table 38. Attitudes Toward Domestic Violence, Chhukha, (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	15.9
If she neglects the children	47.5
If she argues with him	21.1
If she refuses sex with him	12.6
If she burns the food	25.2
For any of these reasons	60.4
Number of women age 15-49 years	1550

Source: BMIS, 2010

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

Details	2007	2008	2009	2010
Dzongkhag area (Sq. Km)	1,802	1,802	1,802	1,802
Total cultivated land (Acres) ¹	n.a	n.a	n.a	n.a
Damages caused by landslides ²	n.a	n.a	n.a	n.a
Farmland (acres)	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a
Damages caused by floods ²	n.a	n.a	n.a	n.a
Farmland (acres)	n.a	n.a	n.a	n.a
Houses (Number)	n.a	n.a	n.a	n.a
Roads (Km)	n.a	n.a	n.a	n.a
Crops affected by drought (acres)	n.a	n.a	n.a	n.a
Crops damaged by wild animals (acres)	n.a	n.a	n.a	n.a
Incidence of earthquake (Number of cases reported) ²	0	0	0	0
Houses damaged by earthquakes (Number)	0	0	0	0
Number of forest fires ³	2	0	0	0
Acreage destroyed by forest fires	13,055.26	0	0	0
Acreage of reforestation ³	0	0	0	0
Houses/structures damaged by fires (Number) ³	n.a	n.a	n.a	n.a

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

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

Month/ Temperature	(Degree Celsius)		
	Maximum	Minimum	Average
January	12.8	5.0	8.9
February	14.0	6.5	10.2
March	17.0	9.0	13.0
April	19.1	10.7	14.9
May	21.4	12.7	17.0
June	23.1	14.4	18.8
July	23.3	14.4	18.8
August	22.8	13.6	18.2
September	22.0	12.8	17.4
October	20.4	11.4	15.9
November	17.9	8.9	13.4
December	14.4	6.2	10.3
Annual			

Source: SYB, NSB

Note:- Average temperature records from 1996 - 2009

Table 41. Average Monthly Rainfall, Chhukha, (2010)

Month/ Monthly Rainfall	(Millimeter)		
	Maximum	Minimum	Average
January	14.4	5.7	10.05
February	18.5	6.7	12.6
March	21.1	11.3	16.2
April	23.5	14.5	19
May	24.4	15.2	19.8
June	25.7	17.9	21.8
July	25.8	18.3	22.05
August	26.4	18.3	22.35
September	25.7	17.3	21.5
October	25.7	15.3	20.5
November	22	11.3	16.65
December	18.4	6.7	12.55
Annual			

Source: SYB, NSB

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

Details	2010
Forest coverage (%) ²	
Number of snow fall at Dzongkhag headquater	0
Number of Protected spring water sources ¹	n.a
Number of Lakes ¹	n.a

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

Table 43. Disposal of Childs Faeces, Chhukha, (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	25.2
Put / Rinsed into toilet or latrine	44.5
Put / Rinsed into drain or ditch	16.5
Thrown into garbage (solid waste)	5.2
Buried	4.2
Left in the open	4.0
Other	0.5
Total	100
Percentage of children whose stools were disposed of safely	69.7
Number of children age 0-2 years	370

Source: BMIS 2010

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

Details	2008	2011
Local governance (Number)		
Parliamentarians	3	3
Male	2	2
Female	1	1
Gups	11	10
Male	11	10
Female	0	0
Total gewog tshogpas ¹	127	31
Male	123	n.a
Female	4	n.a
Total Mangmis ¹	11	11
Male	8	9
Female	3	2
DYT members ²	23	22
Male	20	20
Female	3	2
GYT members ¹	145	n.a
Male	139	n.a
Female	6	n.a
Polling stations ²	73	77
Eligible voters (18 years and above) ²	18,268	19,586
Male	n.a	9,873
Female	n.a	9,713
% of Voters turnout during election	n.a	n.a
Male	n.a	6,177
Female	n.a	5,970
Total election staff in Dzongkhag	3	4
Male	2	2
Female	1	2

Source: Election Sector, Chhukha Dzongkhag.

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

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

Source: Election Office, Chhukha Dzongkhag

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

Details	2009			2010			2011		
	Current	Capital	Total	Current	Capital	Total	Current	Capital	Total
Civil	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Urban Development & Housing	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Roads	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Bhutan post	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Trade & industry	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Source: Dzongkhag Administration, Chhukha

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

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	123.3	125.3	214.1	21.3
Agriculture	28.0	21.7	39.2	17.5
Livestock	23.3	11.7	34.6	12.3
Forestry	5.1	20.8	30.6	26.0
Education	335.2	290.1		
Health	117.0	90.5	242.5	180.4
Urban development & housing	7.4	138.2	81.7	225.6
Roads	5.4	-	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
Trade & industry	-	1.0	n.a	n.a
Total	493.4	552.3	642.7	483.1
Total plan outlay	493.4	552.3	642.7	483.1

Source:Dzongkhag Administration,Chhukha

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

(in million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	128.0	55.8	45.5	10.6
Agriculture	24.6	19.8	15.3	6.2
Livestock	18.4	11.5	15.3	2.7
Forestry	8.6	5.5	8.1	5.1
Education	605.6	90.2	416.5	72.1
Health	90.4	93.5	120.0	17.5
Urban development & housing	28.0	22.0	25.7	20.8
Roads	-	-	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
Trade & industry	-	-	n.a	n.a
Total	903.6	298.3	646.4	134.9
Total plan expenditure	903.6	298.3	646.4	134.9

Source:Dzongkhag Administration,Chhukha

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

(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 outlay	n.a	n.a	n.a	n.a

Source:Planning Unit, Chhukha Dzongkhag

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

(In million Nu.)

Sectors	9 FYP		10 FYP	
	Current	Capital	Current	Capital
Civil	n.a	n.a	n.a	n.a
Agriculture	n.a	n.a	n.a	n.a
Livestock	n.a	n.a	n.a	n.a
Forestry	n.a	n.a	n.a	n.a
Education	n.a	n.a	n.a	n.a
Health	n.a	n.a	n.a	n.a
Urban development & housing	n.a	n.a	n.a	n.a
Roads & bridges	n.a	n.a	n.a	n.a
Religion & cultural	n.a	n.a	n.a	n.a
Telecommunication	n.a	n.a	n.a	n.a
Power	n.a	n.a	n.a	n.a
Trade & Industry	n.a	n.a	n.a	n.a
Total	n.a	n.a	n.a	n.a
Total plan outlay	n.a	n.a	n.a	n.a

Source:Dzongkhag Administration, Chhukha

Table 51. Employed Persons by Age, Sex and Area of Residence, Chhukha, (2008 ~ 2011)

Details	(Number)			
	2008	2009	2010	2011
Total	n.a	n.a	n.a	40,600
Male	n.a	n.a	n.a	22,200
Female	n.a	n.a	n.a	18,400
Rural Total	n.a	n.a	n.a	20800
Male	n.a	n.a	n.a	10,600
Female	n.a	n.a	n.a	10,200
Urban Total	n.a	n.a	n.a	19800
Male	n.a	n.a	n.a	11,700
Female	n.a	n.a	n.a	8,100

Source : Labour Force Survey, MoLHR

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

Details	2009	2010	2011
Total labour force (Number)	n.a	n.a	41,700
Total employed (%)	n.a	n.a	97.4
Male	n.a	n.a	98.7
Female	n.a	n.a	95.8
Unemployment rate	n.a	n.a	2.6
Total employed in Agriculture (%)	n.a	n.a	35.7
Male	n.a	n.a	16.0
Female	n.a	n.a	19.7
Total employed in Industries (%)	n.a	n.a	n.a
Male	n.a	n.a	n.a
Female	n.a	n.a	n.a
Total employed in Services (%)	n.a	n.a	36.7
Male	n.a	n.a	25.9
Female	n.a	n.a	10.8
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	n.a	n.a
Male participation rate	n.a	n.a	n.a
Female participation rate	n.a	n.a	n.a

Source : Labour Force Survey, MoLHR

Table 53. Child Labour, Chhukha, (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	0.3
Unpaid work	0.7
Working for family business	15.6
Economic activity for at least one hour	16.1
Household chores less than 28 hours	29.9
Household chores for 28 hours or more	0.3
Child labour	16.5
Number of children age 5-11	975
Percentage of children age 12-14 involved in	n.a
Economic activity	n.a
Working outside household	n.a
Paid work	1.0
Unpaid work	1.4
Working for family business	30.1
Economic activity less than 14 hours	29.7
Economic activity for 14 hours or more	1.3
Household chores less than 28 hours	63.5
Household chores for 28 hours or more	0.6
Child labour	1.9
Number of children age 12-14	537
Total child labour [1]	11.3
Number of children age 5-14 years	1511

Source: BMIS,2010

Table 54. Child Labour and School Attendance, Chhukha, (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	11.3
Percentage of children attending school	83.7
Number of children age 5-14 years	1511
Percentage of child labourers who are attending school	78.8
Number of children age 5-14 years involved in child labour	171
Percentage of children attending school who are involved in child labour	10.6
Number of children age 5-14 years attending school	1265

Source: BMIS,2010

Table 55. Agriculture Production and Average Prices by COMmodities, Chhukha, (2007 ~ 2010)

Details	2007	2008	2009	2010
Paddy				
Area (Acres)	2,806	771	1,752	2,934
Production (MT)	2,567	2,753	1,581	2,760
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Maize				
Area (Acres)	5,746	1,858	4,314	4,917
Production (MT)	6,805	4,815	3,163	3,247
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Wheat				
Area (Acres)	1,677	170	410	212
Production (MT)	962	282	215	156
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Barley				
Area (Acres)	203	31	71	202
Production (MT)	137	490	280	56
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Buckwheat				
Area (Acres)	2,030	386	863	1,310
Production (MT)	990	559	474	584
Price per Kg(Nu.)	n.a	n.a	n.a	n.a

Millet				
Area (Acres)	2,427	437	1,136	2,093
Production (MT)	1,152	587	436	793
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Fruits				
Apples				
Number of fruit bearing trees	5,749	5,090	3,811	10,706
Production (Kg)	152,342		73,000	119,000
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Oranges/ Mandarin				
Number of fruit bearing trees	277,836	140,780	131,312	342,258
Production (Kg)	5,264,031	2,208,370	1,628,000	5,534,000
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Banana				
Number of fruit bearing trees	20,579	740	8,130	12,116
Production (Kg)	211,000	18,500	69,000	107,000
Price per Dozen(Nu.)	n.a	n.a	n.a	n.a
Pear				
Number of fruit bearing trees	2,791	350	468	546
Production (Kg)	242,000	24,400	19,000	21,000
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Plum				
Number of fruit bearing trees	n.a	90	27	68
Production (Kg)	n.a	4,000	1,000	1,000
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Areca Nut				
Production (Pon)*	420,000	61,990	279,000	444,017
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)	4,887,000	4,471,980	3,125,000	6,349,000
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)	210,000	281,820	265,000	200,000
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	26,190	37,000	23,000
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)	279,000	74,260	124,000	30,000
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	10,100	13,000	6,000
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)	0	2,690	1,000	100
Production (Nu.)	0	n.a	n.a	n.a
Price per bunddle (Nu.)	n.a	n.a	n.a	n.a
Tomato				
Production (Kg)	30,000	19,010	8,000	12,000
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)	197,000	43,230	59,000	84,000
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)	0	0	11,000	9,000
Production (Nu.)	0	0	n.a	n.a
Price per Kg(Nu.)	0	0	n.a	n.a
Raddish				
Production (Kg)	355,000	253,960	167,000	176,000
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)	1,446,000	350,920	749,000	637,000
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)	564,000	178,850	27,000	439,000
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)	17,000	15,380	15,000	13,000
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a
Oil seeds and legumes				
Lentils				
Production (Kg)	n.a	n.a	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
Mustards				
Production (Kg)	401,000	325,380	107,000	157,000
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)	165,000	258,660	141,779	116,000
Production (Nu.)	n.a	n.a	n.a	n.a
Price per Kg(Nu.)	n.a	n.a	n.a	n.a

Source: Agriculture Sector, Chhukha Dzongkhag

Note: production of Arecanut is in Kg.

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

Details	2007	2008	2009	2010
Irrigation for agriculture				
Number of irrigation channels	53	57	60	60
Functional	45	49	52	51
Non-Functional	8.0	8.0	8.0	9.0
Total length of channels (Km)	108	114	117	140.53
Area covered by irrigation (Acres)	1,238	1,325	1,366	1,549
Number of households benefitted	1,167	1,211	1,241	1,423
Number of food processing units	n.a	n.a	n.a	n.a
Number of agriculture mills ¹	31	95	n.a	n.a
Number of livestock product processing units	0	0	0	0
Number of farmer association/groups	0	0	1	1
Agriculture	0	0	1	1
Livestock	0	0	0	0
Forestry	0	0	0	0
Number of power tillers	26	36	46	46

Note: ¹Including two traditional mills

Source: Agriculture Sector, Chhukha Dzongkhag

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

Details	2007	2008	2009	2010
Livestock (Number)				
Cattle	26,098	31,349	19,927	n.a
Local breed	22,212	27,497	15,187	n.a
Male	7,001	8,006	6,011	n.a
Female	15,211	19,491	9,176	n.a
Improved breed	3,886	3,852	4,140	n.a
Male	1,284	1,004	976	n.a
Female	2,602	2,848	3,164	n.a
Mithun	5,257	6,577	1,609	2,732
Bufallo	59	28	15	8
Male	31	n.a	2	0
Female	28	n.a	13	8
Horse	465	480	453	602
Local breed	460	461	437	553
Improved breed	5	19	16	49
Yak	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
Sheep	1,327	987	921	1,011
Local breed	440	361	305	1,011
Improved breed	887	626	616	0
Pig	4,568	5,967	2,945	2114
Local breed	3,734	3,810	1,971	1,655
Improved breed	834	2,157	974	459
Poultry	14,641	18,046	24,134	19,214
Local breed	13,484	16,043	17,787	13,538
Improved breed	1,157	2,003	6,347	5,676
Goat	8,637	9,800	6,952	6,890

Note: Mithun includes Bamin, Jatsa & Jatsam

Source: Livestock Sector, Chhukha Dzongkhag

Table 58: Livestock Productions, Chhukha, (2007~2010)

Details	2007	2008	2009	2010
Livestock products				
Fresh Milk (Liters)	1,995,740	1,949,866	1,706,322	1,873,306
Butter (Kg)	204,960	187,959	92,349	87,401
Fresh Cheese (Kg)	708,590	934,916	198,653	144,635
Processed cheese (kg)	n.a	n.a	n.a	n.a
Eggs (Dozen)	45,672	42,866	83,522	130,731
Fish (Kg)	150	-	227	1,996
Beef (Kg)	111,600	106,798	16,422	29,857
Pork (Kg)	76,310	85,211	43,687	56,068
Yak Meat (Kg)	N.A	N.A	N.A	N.A
Mutton (Kg)	41,960	39,191	14,469	14,818
Honey (Gm)	n.a	n.a	n.a	n.a
Chicken (Kg)	413,320	59,313	71,198	84,323

Source: Livestock Sector, Chhukha Dzongkhag

Table 59. Forestry Production, Chhukha, (2007 ~ 2010)

Details	2007	2008	2009	2010
Wood Forest Product ¹				
Log Form (Cft)	1,768	909	1,225	n.a
Fire wood (Cubic metres)	n.a	n.a	n.a	n.a
Flag Poles (Number)	285	630	685	n.a
Shinglap (Number of trees)	22	9	-	n.a
Cham (Number of trees)	5,731	2,916	3,002	n.a
Tsim (Number of trees)	2,066	2,635	2,335	n.a
Non-Wood Forest Product ²				n.a
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)	n.a	n.a	n.a	n.a
Stones (Truck load)	n.a	n.a	n.a	n.a
Bamboo (Number)	n.a	n.a	n.a	n.a
Cane (Bundles)	n.a	n.a	n.a	n.a
Lemon grass (Kg)	n.a	n.a	n.a	n.a
Mining Sites (Number)	n.a	4	4	4
Quarry Sites	n.a	4	4	4
Municipal Waste Disposal Sites	3	3	3	3
Environmental Clearance Issued	n.a	19	31	44

Note: Cordyceps amount collected only for auction royalty charges.

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

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

Generating 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)
Chukha Hydro Power Project	4	84	1808.3304	4	84	1869.73
Thala Hydro Power Project Authority	6	170	4396.22	6	170	4726.76
Diesel generation stations	N.A			N.A		
Other diesel stations list the name	N.A			N.A		

Source : DGPC

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

Details	2009	2010	2011
Total number of household in Urban	6792	6792	6792
Total number of household in Rural	7690	7690	7690

Source: PHCB, 2005

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

New buildings	2009	2010	2011
Tshimakoti	n.a	n.a	n.a
Tshimalakha	n.a	n.a	n.a
Chukha	n.a	n.a	n.a
Gedu	n.a	n.a	n.a
Phuntsholing	n.a	n.a	n.a

Source: Dzongkhag Municipal, Chhukha Dzongkhag

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

Details	2009	2010	2011
Industries by type (Number)			
Agro based	47	50	50
Forestry based	49	51	54
Mineral based	27	29	31
Others	92	94	257
Industries by scale (Number)			
Large	40	42	45
Medium	40	43	43
Small	71	73	111
Cottage	64	66	193
Contract firms (Number)			
Large	42	42	42
Medium	19	19	20
Small	780	798	817

Source: Regional Trade Office, Chhukha

Note:- Adding Contract C and D (Petty) for small

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

Details	(Number)				
	2007	2008	2009	2010	2011
Trade and Industries					
Micro & retail trade licences issued	1,628	1,876	2,186	330	263
Micro & retail trade licences in operation	983	1,161	1,443	311	263
Wholesale trade licences issued	80	93	107	5	20
Wholesale trade licences in operation	58	65	79	5	20
Services licences issued	2,164	2,311	2,478	255	156
Services licences in operation	1,009	1,122	1,272	246	156
Manufacturing licenses issued	199	215	224	37	12
Manufacturing licenses in operation	109	122	131	35	12

Source: Regional Trade Office, Chhukha

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

Details	(Number)				
	2007	2008	2009	2010	2011
Public Service Transport					
Bus	8	8	8	n.a	n.a
Taxi	569	656	n.a	n.a	n.a
Motor vehicle registration					
Heavy	n.a	n.a	n.a	n.a	n.a
Medium	n.a	n.a	n.a	n.a	n.a
Small	n.a	n.a	n.a	n.a	n.a
Two wheeler	n.a	n.a	n.a	n.a	n.a
Auto Mobile workshop ³	1	3	2	6	5
Bus stations	1	1	1	1	1

Source: RSTA Regional Office, Chhukha

Table 66: Infrastructure, Chhukha, (2007~2011)

Details	2007	2008	2009	2010	2011
Roads (Length in Km)					
Farm roads ¹	31	25	75	137.46	178.26
Feeder roads ²	42	42	22	22	22
Forest roads ¹	32	32	n.a	n.a	n.a
Highways/Dzongkhag roads	230	230	n.a	n.a	n.a
Bridges (Number)					
Suspension bridge ¹	18	19	19	19	19
Suspended ¹	5	5	5	5	5
Bailey bridges ²	0	0	0	0	0
Traditional bridges ¹	0	0	0	0	0

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

Note:- Farm road inventory till september 2011.

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

Telecommunications	(Number)				
	2007	2008	2009	2010	2011
Households with fixed telephone connections	n.a	n.a	n.a	n.a	n.a
Tashi cell users	n.a	n.a	n.a	n.a	n.a
B.mobile users	n.a	n.a	n.a	n.a	n.a
Community information centres	n.a	n.a	n.a	n.a	n.a
Gewogs accessible to mobile services	n.a	n.a	n.a	n.a	n.a
Households with internet access	n.a	n.a	n.a	n.a	n.a
Bhutan post office	n.a	n.a	n.a	n.a	n.a

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

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

Number of establishments	(number)		
	2009	2010	2011
RICBL	1	1	1
BDFCL	2	2	2
BNB	1	1	1
Druk PNB	0	1	1
T Bank	0	1	1
Bhutan insurance limited	0	1	1
BOB	3	3	3

Source: Financial Institutions, Chhukha Dzongkhag

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

Number of facilities	Number of account holders (2010)				
	Loan	savings	current	fixed deposit	recurring deposit
RICB	1199	N.A	N.A	N.A	N.A
BDFCL	n.a	n.a	n.a	n.a	n.a
BNB	2255	10648	1309	1232	N.A
PNB	833	17327	568	519	1056
T Bank	413	1558	76	115	35
Bhutan insurance limited	20	N.A	N.A	N.A	N.A
BOB	1880	14227	2232	4472*	

Source: Financial Institutions, Chhukha Dzongkhag

Note:- * Total Figure for FD & RD

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

Details	2007	2008	2009	2010	2011
Administration (Number)					
Drungkhags	1	1	1	1	1
Gewogs	11	11	11	11	11
Chiwogs	127	127	127	127	
Villages	169	169	169	169	169
Households					
Towns	6	6	6	6	6
Number of Police stations	3	3	3	3	3

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

Details	2007	2008	2009	2010	2011
Number of children park	n.a	n.a	n.a	n.a	n.a
Number of hotels	n.a	n.a	n.a	n.a	n.a
Number of restaurants	n.a	n.a	n.a	n.a	n.a
Number of drayangs	n.a	n.a	n.a	n.a	n.a
Number of discotheques	n.a	n.a	n.a	n.a	n.a
Number of tourist visitors	n.a	n.a	n.a	n.a	n.a

Source: Administration Office, Chhukha Dzongkhag



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