

TABLE 1.1: PROJECTED POPULATION (NUMBER) BY SEX, BHUTAN 2005 - 2030

Year	Persons			Percent		
	Total	Male	Female	Total	Male	Female
2005	634,982	333,595	301,387	100.0	52.5	47.5
2006	646,851	339,403	307,448	100.0	52.5	47.5
2007	658,888	345,298	313,590	100.0	52.4	47.6
2008	671,083	351,269	319,814	100.0	52.3	47.7
2009	683,407	357,305	326,102	100.0	52.3	47.7
2010	695,822	363,383	332,439	100.0	52.2	47.8
2011	708,265	369,476	338,789	100.0	52.2	47.8
2012	720,679	375,554	345,125	100.0	52.1	47.9
2013	733,004	381,582	351,422	100.0	52.1	47.9
2014	745,153	387,520	357,633	100.0	52.0	48.0
2015	757,042	393,324	363,718	100.0	52.0	48.0
2016	768,577	398,948	369,629	100.0	51.9	48.1
2017	779,666	404,347	375,319	100.0	51.9	48.1
2018	790,215	409,474	380,741	100.0	51.8	48.2
2019	800,154	414,293	385,861	100.0	51.8	48.2
2020	809,397	418,760	390,637	100.0	51.7	48.3
2021	818,370	423,085	395,285	100.0	51.7	48.3
2022	827,038	427,250	399,788	100.0	51.7	48.3
2023	835,379	431,247	404,132	100.0	51.6	48.4
2024	843,363	435,058	408,305	100.0	51.6	48.4
2025	850,976	438,679	412,297	100.0	51.6	48.4
2026	858,410	442,200	416,210	100.0	51.5	48.5
2027	865,662	445,626	420,036	100.0	51.5	48.5
2028	872,759	448,965	423,794	100.0	51.4	48.6
2029	879,707	452,224	427,483	100.0	51.4	48.6
2030	886,523	455,409	431,114	100.0	51.4	48.6

Source: Population Projections Bhutan 2005 - 2030, NSB

**ABLE 1.2: PROJECTED POPULATION (NUMBER) BY AGE GROUP AND SEX,
BHUTAN 2005 & 2006**

Age gro	2005 (observed)			Age group	2006		
	Total	Male	Female		Total	Male	Female
0-4	62,553	31,489	31,064	0-4	65,100	32,702	32,398
5-9	70,399	35,547	34,852	5-9	68,780	34,808	33,972
10-14	77,007	38,728	38,279	10-14	76,190	38,420	37,770
15-19	75,236	37,504	37,732	15-19	75,810	37,404	38,406
20-24	70,574	40,254	30,320	20-24	72,016	40,330	31,686
25-29	57,358	31,386	25,972	25-29	60,311	33,428	26,883
30-34	42,806	23,208	19,598	30-34	44,844	24,282	20,562
35-39	38,729	21,124	17,605	35-39	39,547	21,568	17,979
40-44	29,900	16,022	13,878	40-44	31,182	16,759	14,423
45-49	27,662	14,895	12,767	45-49	27,970	15,037	12,933
50-54	22,047	11,779	10,268	50-54	23,088	12,340	10,748
55-59	16,392	8,764	7,628	55-59	16,973	9,074	7,899
60-64	14,574	7,564	7,010	60-64	14,593	7,582	7,011
65-69	11,361	5,999	5,362	65-69	11,581	6,079	5,502
70-74	8,742	4,493	4,249	70-74	8,865	4,567	4,298
75-79	5,245	2,677	2,568	75-79	5,469	2,794	2,675
80+	4,397	2,162	2,235	80+	4,532	2,229	2,303
Total	634,982	333,595	301,387	Total	646,851	339,403	307,448

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.3: PROJECTED POPULATION (NUMBER) BY AGE GROUP AND SEX,
BHUTAN 2007 & 2008**

Age gro	2007			Age group	2008		
	Total	Male	Female		Total	Male	Female
0-4	68,180	34,183	33,997	0-4	71,833	35,985	35,848
5-9	67,205	34,102	33,103	5-9	65,610	33,346	32,264
10-14	74,948	37,823	37,125	10-14	73,412	37,037	36,375
15-19	76,381	37,672	38,709	15-19	76,824	38,125	38,699
20-24	73,004	39,722	33,282	20-24	73,669	38,736	34,933
25-29	63,148	35,554	27,594	25-29	65,769	37,527	28,242
30-34	47,480	25,672	21,808	30-34	50,524	27,324	23,200
35-39	39,956	21,764	18,192	35-39	40,269	21,893	18,376
40-44	32,929	17,777	15,152	40-44	34,875	18,913	15,962
45-49	28,039	15,037	13,002	45-49	28,074	15,018	13,056
50-54	24,140	12,919	11,221	50-54	25,122	13,464	11,658
55-59	17,764	9,479	8,285	55-59	18,704	9,953	8,751
60-64	14,525	7,579	6,946	60-64	14,470	7,594	6,876
65-69	11,870	6,178	5,692	65-69	12,171	6,280	5,891
70-74	8,913	4,611	4,302	70-74	8,936	4,641	4,295
75-79	5,712	2,908	2,804	75-79	5,942	3,013	2,929
80+	4,694	2,318	2,376	80+	4,879	2,420	2,459
Total	658,888	345,298	313,590	Total	671,083	351,269	319,814

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.4: PROJECTED POPULATION (NUMBER) BY AGE GROUP AND SEX,
BHUTAN 2009 & 2010**

Age gro	2009			Age group	2010		
	Total	Male	Female		Total	Male	Female
0-4	76,103	38,177	37,926	0-4	81,063	40,853	40,210
5-9	63,888	32,424	31,464	5-9	61,901	31,204	30,697
10-14	71,756	36,199	35,557	10-14	70,108	35,404	34,704
15-19	76,949	38,479	38,470	15-19	76,636	38,536	38,100
20-24	74,201	37,806	36,395	20-24	74,730	37,240	37,490
25-29	68,070	39,045	29,025	25-29	69,980	39,907	30,073
30-34	53,693	29,149	24,544	30-34	56,767	31,061	25,706
35-39	40,924	22,208	18,716	35-39	42,226	22,888	19,338
40-44	36,647	19,940	16,707	40-44	38,000	20,708	17,292
45-49	28,362	15,153	13,209	45-49	29,087	15,553	13,534
50-54	25,937	13,912	12,025	50-54	26,535	14,229	12,306
55-59	19,704	10,463	9,241	55-59	20,697	10,980	9,717
60-64	14,558	7,679	6,879	60-64	14,873	7,867	7,006
65-69	12,416	6,366	6,050	65-69	12,566	6,425	6,141
70-74	8,992	4,677	4,315	70-74	9,113	4,729	4,384
75-79	6,126	3,099	3,027	75-79	6,253	3,163	3,090
80+	5,081	2,529	2,552	80+	5,287	2,636	2,651
Total	683,407	357,305	326,102	Total	695,822	363,383	332,439

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.5: PROJECTED POPULATION (NUMBER) BY AGE GROUP AND SEX,
BHUTAN 2011 & 2012**

Age gro	2011			Age group	2012		
	Total	Male	Female		Total	Male	Female
0-4	81,918	41,285	40,633	0-4	82,559	41,610	40,949
5-9	64,406	32,399	32,007	5-9	67,467	33,872	33,595
10-14	68,504	34,672	33,832	10-14	66,946	33,974	32,972
15-19	75,834	38,234	37,600	15-19	74,607	37,645	36,962
20-24	75,316	37,149	38,167	20-24	75,899	37,422	38,477
25-29	71,427	39,991	31,436	25-29	72,426	39,398	33,028
30-34	59,707	33,091	26,616	30-34	62,533	35,205	27,328
35-39	44,255	23,957	20,298	35-39	46,873	25,337	21,536
40-44	38,818	21,152	17,666	40-44	39,237	21,354	17,883
45-49	30,353	16,280	14,073	45-49	32,072	17,280	14,792
50-54	26,848	14,375	12,473	50-54	26,931	14,384	12,547
55-59	21,696	11,516	10,180	55-59	22,705	12,068	10,637
60-64	15,424	8,158	7,266	60-64	16,167	8,535	7,632
65-69	12,600	6,451	6,149	65-69	12,560	6,460	6,100
70-74	9,314	4,804	4,510	70-74	9,570	4,894	4,676
75-79	6,350	3,221	3,129	75-79	6,397	3,259	3,138
80+	5,495	2,741	2,754	80+	5,730	2,857	2,873
Total	708,265	369,476	338,789	Total	720,679	375,554	345,125

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.6: PROJECTED POPULATION (NUMBER) BY AGE GROUP AND SEX,
BHUTAN 2013 & 2014**

Age gro	2013			Age group	2014		
	Total	Male	Female		Total	Male	Female
0-4	82,936	41,801	41,135	0-4	83,001	41,835	41,166
5-9	71,111	35,670	35,441	5-9	75,377	37,859	37,518
10-14	65,365	33,224	32,141	10-14	63,657	32,309	31,348
15-19	73,090	36,868	36,222	15-19	71,452	36,039	35,413
20-24	76,354	37,879	38,475	20-24	76,495	38,239	38,256
25-29	73,105	38,429	34,676	25-29	73,652	37,516	36,136
30-34	65,147	37,169	27,978	30-34	67,446	38,683	28,763
35-39	49,896	26,978	22,918	35-39	53,044	28,790	24,254
40-44	39,561	21,490	18,071	40-44	40,225	21,811	18,414
45-49	33,987	18,396	15,591	45-49	35,732	19,405	16,327
50-54	26,987	14,379	12,608	50-54	27,287	14,522	12,765
55-59	23,651	12,590	11,061	55-59	24,440	13,021	11,419
60-64	17,044	8,974	8,070	60-64	17,978	9,447	8,531
65-69	12,534	6,485	6,049	65-69	12,636	6,572	6,064
70-74	9,836	4,986	4,850	70-74	10,054	5,065	4,989
75-79	6,430	3,289	3,141	75-79	6,488	3,323	3,165
80+	5,970	2,975	2,995	80+	6,189	3,084	3,105
Total	733,004	381,582	351,422	Total	745,153	387,520	357,633

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.7: PROJECTED POPULATION (NUMBER) BY AGE GROUP AND SEX,
BHUTAN 2015 & 2016**

Age gro	2015			Age group	2016		
	Total	Male	Female		Total	Male	Female
0-4	82,716	41,693	41,023	0-4	82,041	41,354	40,687
5-9	80,336	40,533	39,803	5-9	81,213	40,975	40,238
10-14	61,685	31,097	30,588	10-14	64,190	32,292	31,898
15-19	69,822	35,253	34,569	15-19	68,236	34,530	33,706
20-24	76,199	38,303	37,896	20-24	75,416	38,010	37,406
25-29	74,196	36,963	37,233	25-29	74,797	36,881	37,916
30-34	69,358	39,547	29,811	30-34	70,813	39,641	31,172
35-39	56,100	30,689	25,411	35-39	59,026	32,706	26,320
40-44	41,526	22,491	19,035	40-44	43,542	23,553	19,989
45-49	37,069	20,163	16,906	45-49	37,885	20,606	17,279
50-54	28,007	14,919	13,088	50-54	29,253	15,633	13,620
55-59	25,023	13,329	11,694	55-59	25,338	13,477	11,861
60-64	18,908	9,927	8,981	60-64	19,844	10,425	9,419
65-69	12,936	6,747	6,189	65-69	13,443	7,012	6,431
70-74	10,192	5,122	5,070	70-74	10,238	5,153	5,085
75-79	6,594	3,368	3,226	75-79	6,759	3,430	3,329
80+	6,375	3,180	3,195	80+	6,543	3,270	3,273
Total	757,042	393,324	363,718	Total	768,577	398,948	369,629

Source: Population Projections Bhutan 2005 - 2030, NSB

TABLE 1.8: PROJECTED POPULATION (NUMBER) BY AGE GROUP AND SEX, BHUTAN 2017 & 2018

Age gro	2017			Age group	2018		
	Total	Male	Female		Total	Male	Female
0-4	80,944	40,804	40,140	0-4	79,405	40,032	39,373
5-9	81,877	41,310	40,567	5-9	82,279	41,513	40,766
10-14	67,250	33,765	33,485	10-14	70,890	35,561	35,329
15-19	66,693	33,839	32,854	15-19	65,126	33,096	32,030
20-24	74,212	37,432	36,780	20-24	72,716	36,666	36,050
25-29	75,395	37,162	38,233	25-29	75,864	37,625	38,239
30-34	71,824	39,063	32,761	30-34	72,518	38,113	34,405
35-39	61,841	34,808	27,033	35-39	64,448	36,763	27,685
40-44	46,139	24,922	21,217	40-44	49,135	26,548	22,587
45-49	38,313	20,814	17,499	45-49	38,653	20,960	17,693
50-54	30,933	16,607	14,326	50-54	32,802	17,693	15,109
55-59	25,441	13,499	11,942	55-59	25,520	13,509	12,011
60-64	20,794	10,940	9,854	60-64	21,686	11,428	10,258
65-69	14,118	7,351	6,767	65-69	14,911	7,743	7,168
70-74	10,226	5,171	5,055	70-74	10,229	5,205	5,024
75-79	6,966	3,504	3,462	75-79	7,178	3,579	3,599
80+	6,700	3,356	3,344	80+	6,855	3,440	3,415
Total	779,666	404,347	375,319	Total	790,215	409,474	380,741

Source: Population Projections Bhutan 2005 - 2030, NSB

TABLE 1.9: PROJECTED POPULATION (NUMBER) BY AGE GROUP AND SEX, BHUTAN 2019 & 2020

Age gro	2019			Age group	2020		
	Total	Male	Female		Total	Male	Female
0-4	77,429	39,040	38,389	0-4	75,031	37,835	37,196
5-9	82,373	41,561	40,812	5-9	82,115	41,432	40,683
10-14	75,152	37,749	37,403	10-14	80,105	40,419	39,686
15-19	63,434	32,190	31,244	15-19	61,477	30,987	30,490
20-24	71,100	35,849	35,251	20-24	69,490	35,074	34,416
25-29	76,021	37,991	38,030	25-29	75,742	38,063	37,679
30-34	73,081	37,219	35,862	30-34	73,640	36,681	36,959
35-39	66,743	38,272	28,471	35-39	68,657	39,140	29,517
40-44	52,257	28,344	23,913	40-44	55,288	30,227	25,061
45-49	39,326	21,288	18,038	45-49	40,622	21,967	18,655
50-54	34,508	18,677	15,831	50-54	35,820	19,419	16,401
55-59	25,832	13,660	12,172	55-59	26,546	14,053	12,493
60-64	22,435	11,834	10,601	60-64	22,994	12,127	10,867
65-69	15,754	8,165	7,589	65-69	16,596	8,595	8,001
70-74	10,339	5,289	5,050	70-74	10,615	5,445	5,170
75-79	7,352	3,643	3,709	75-79	7,466	3,691	3,775
80+	7,018	3,522	3,496	80+	7,193	3,605	3,588
Total	800,154	414,293	385,861	Total	809,397	418,760	390,637

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.10: PROJECTED POPULATION (NUMBER) BY AGE GROUP AND SEX,
BHUTAN 2021 & 2022**

Age gro	2021			Age group	2022		
	Total	Male	Female		Total	Male	Female
0-4	72,746	36,686	36,060	0-4	70,635	35,623	35,012
5-9	81,469	41,108	40,361	5-9	80,400	40,571	39,829
10-14	80,987	40,864	40,123	10-14	81,657	41,202	40,455
15-19	63,982	32,183	31,799	15-19	67,039	33,654	33,385
20-24	67,921	34,360	33,561	20-24	66,394	33,677	32,717
25-29	74,979	37,780	37,199	25-29	73,794	37,212	36,582
30-34	74,253	36,609	37,644	30-34	74,862	36,896	37,966
35-39	70,118	39,244	30,874	35-39	71,137	38,682	32,455
40-44	58,193	32,228	25,965	40-44	60,988	34,311	26,677
45-49	42,617	23,018	19,599	45-49	45,181	24,369	20,812
50-54	36,628	19,857	16,771	50-54	37,063	20,070	16,993
55-59	27,754	14,742	13,012	55-59	29,376	15,678	13,698
60-64	23,309	12,275	11,034	60-64	23,427	12,308	11,119
65-69	17,446	9,042	8,404	65-69	18,308	9,504	8,804
70-74	11,060	5,673	5,387	70-74	11,642	5,961	5,681
75-79	7,512	3,721	3,791	75-79	7,517	3,742	3,775
80+	7,396	3,695	3,701	80+	7,618	3,790	3,828
Total	818,370	423,085	395,285	Total	827,038	427,250	399,788

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.11: PROJECTED POPULATION (NUMBER) BY AGE GROUP AND SEX,
BHUTAN 2023 & 2024**

Age gro	2023			Age group	2024		
	Total	Male	Female		Total	Male	Female
0-4	68,763	34,679	34,084	0-4	67,192	33,887	33,305
5-9	78,894	39,814	39,080	5-9	76,946	38,834	38,112
10-14	82,065	41,408	40,657	10-14	82,163	41,458	40,705
15-19	70,676	35,449	35,227	15-19	74,929	37,632	37,297
20-24	64,843	32,943	31,900	20-24	63,165	32,044	31,121
25-29	72,317	36,457	35,860	25-29	70,720	35,649	35,071
30-34	75,343	37,363	37,980	30-34	75,511	37,733	37,778
35-39	71,841	37,750	34,091	35-39	72,414	36,872	35,542
40-44	63,577	36,249	27,328	40-44	65,858	37,747	28,111
45-49	48,135	25,971	22,164	45-49	51,211	27,739	23,472
50-54	37,414	20,224	17,190	50-54	38,087	20,553	17,534
55-59	31,172	16,716	14,456	55-59	32,810	17,655	15,155
60-64	23,525	12,331	11,194	60-64	23,841	12,485	11,356
65-69	19,117	9,941	9,176	65-69	19,799	10,306	9,493
70-74	12,320	6,292	6,028	70-74	13,038	6,646	6,392
75-79	7,538	3,776	3,762	75-79	7,642	3,848	3,794
80+	7,839	3,884	3,955	80+	8,037	3,970	4,067
Total	835,379	431,247	404,132	Total	843,363	435,058	408,305

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.12: PROJECTED POPULATION (NUMBER) BY AGE GROUP AND SEX,
BHUTAN 2025 & 2026**

Age gro	2025			Age group	2026		
	Total	Male	Female		Total	Male	Female
0-4	65,982	33,276	32,706	0-4	64,877	32,718	32,159
5-9	74,575	37,641	36,934	5-9	72,314	36,501	35,813
10-14	81,911	41,331	40,580	10-14	81,271	41,010	40,261
15-19	79,870	40,295	39,575	15-19	80,757	40,742	40,015
20-24	61,222	30,849	30,373	20-24	63,725	32,044	31,681
25-29	69,126	34,882	34,244	25-29	67,574	34,176	33,398
30-34	75,244	37,809	37,435	30-34	74,496	37,533	36,963
35-39	72,983	36,347	36,636	35-39	73,604	36,283	37,321
40-44	67,761	38,610	29,151	40-44	69,219	38,720	30,499
45-49	54,197	29,592	24,605	45-49	57,062	31,562	25,500
50-54	39,366	21,222	18,144	50-54	41,323	22,252	19,071
55-59	34,072	18,365	15,707	55-59	34,858	18,789	16,069
60-64	24,529	12,862	11,667	60-64	25,676	13,511	12,165
65-69	20,311	10,572	9,739	65-69	20,607	10,710	9,897
70-74	13,756	7,008	6,748	70-74	14,482	7,384	7,098
75-79	7,869	3,973	3,896	75-79	8,224	4,151	4,073
80+	8,202	4,045	4,157	80+	8,341	4,114	4,227
Total	850,976	438,679	412,297	Total	858,410	442,200	416,210

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.13: PROJECTED POPULATION (NUMBER) BY AGE GROUP AND SEX,
BHUTAN 2027 & 2028**

Age gro	2027			Age group	2028		
	Total	Male	Female		Total	Male	Female
0-4	63,920	32,235	31,685	0-4	63,154	31,848	31,306
5-9	70,225	35,448	34,777	5-9	68,372	34,512	33,860
10-14	80,209	40,476	39,733	10-14	78,710	39,722	38,988
15-19	81,430	41,081	40,349	15-19	81,842	41,289	40,553
20-24	66,778	33,513	33,265	20-24	70,408	35,304	35,104
25-29	66,063	33,501	32,562	25-29	64,527	32,774	31,753
30-34	73,329	36,974	36,355	30-34	71,872	36,228	35,644
35-39	74,222	36,575	37,647	35-39	74,711	37,044	37,667
40-44	70,241	38,173	32,068	40-44	70,955	37,263	33,692
45-49	59,819	33,614	26,205	45-49	62,376	35,523	26,853
50-54	43,831	23,571	20,260	50-54	46,717	25,132	21,585
55-59	35,291	19,001	16,290	55-59	35,649	19,161	16,488
60-64	27,201	14,384	12,817	60-64	28,887	15,350	13,537
65-69	20,734	10,751	9,983	65-69	20,849	10,787	10,062
70-74	15,221	7,775	7,446	70-74	15,918	8,146	7,772
75-79	8,678	4,372	4,306	75-79	9,201	4,624	4,577
80+	8,470	4,182	4,288	80+	8,611	4,258	4,353
Total	865,662	445,626	420,036	Total	872,759	448,965	423,794

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.14: PROJECTED POPULATION (NUMBER) BY AGE GROUP AND SEX,
BHUTAN 2029 & 2030**

Age gro	2029			Age group	2030		
	Total	Male	Female		Total	Male	Female
0-4	62,612	31,574	31,038	0-4	62,326	31,429	30,897
5-9	66,819	33,727	33,092	5-9	65,627	33,124	32,503
10-14	76,772	38,747	38,025	10-14	74,410	37,558	36,852
15-19	81,945	41,341	40,604	15-19	81,700	41,218	40,482
20-24	74,651	37,481	37,170	20-24	79,580	40,136	39,444
25-29	62,864	31,883	30,981	25-29	60,938	30,698	30,240
30-34	70,295	35,431	34,864	30-34	68,722	34,674	34,048
35-39	74,890	37,417	37,473	35-39	74,640	37,499	37,141
40-44	71,540	36,406	35,134	40-44	72,121	35,898	36,223
45-49	64,633	37,001	27,632	45-49	66,521	37,857	28,664
50-54	49,722	26,856	22,866	50-54	52,644	28,665	23,979
55-59	36,320	19,490	16,830	55-59	37,570	20,143	17,427
60-64	30,426	16,225	14,201	60-64	31,614	16,887	14,727
65-69	21,161	10,940	10,221	65-69	21,807	11,290	10,517
70-74	16,506	8,456	8,050	70-74	16,954	8,685	8,269
75-79	9,754	4,893	4,861	75-79	10,306	5,168	5,138
80+	8,797	4,356	4,441	80+	9,043	4,480	4,563
Total	879,707	452,224	427,483	Total	886,523	455,409	431,114

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.15: PROJECTED POPULATION (NUMBER) BY SEX AND
SINGLE YEAR OF AGE, BHUTAN 2007**

Age	Total	Male	Female	Age	Total	Male	Female
0	14,169	6,894	7,275	41	6,813	3,684	3,129
1	13,861	6,901	6,960	42	6,555	3,536	3,019
2	13,585	6,860	6,725	43	6,331	3,409	2,922
3	13,361	6,797	6,564	44	6,135	3,300	2,835
4	13,204	6,731	6,473	45	5,944	3,194	2,750
5	13,136	6,688	6,448	46	5,757	3,089	2,668
6	13,172	6,689	6,483	47	5,588	2,996	2,592
7	13,325	6,752	6,573	48	5,443	2,916	2,527
8	13,599	6,887	6,712	49	5,307	2,842	2,465
9	13,973	7,086	6,887	50	5,194	2,781	2,413
10	14,400	7,317	7,083	51	5,070	2,713	2,357
11	14,810	7,530	7,280	52	4,893	2,618	2,275
12	15,124	7,665	7,459	53	4,642	2,484	2,158
13	15,285	7,685	7,600	54	4,341	2,323	2,018
14	15,329	7,626	7,703	55	4,021	2,152	1,869
15	15,328	7,524	7,804	56	3,728	1,996	1,732
16	15,328	7,450	7,878	57	3,487	1,864	1,623
17	15,299	7,444	7,855	58	3,320	1,768	1,552
18	15,251	7,544	7,707	59	3,208	1,699	1,509
19	15,175	7,710	7,465	60	3,113	1,638	1,475
20	15,060	7,882	7,178	61	3,011	1,574	1,437
21	14,893	7,998	6,895	62	2,908	1,513	1,395
22	14,664	8,039	6,625	63	2,802	1,456	1,346
23	14,370	7,976	6,394	64	2,691	1,398	1,293
24	14,017	7,827	6,190	65	2,586	1,345	1,241
25	13,650	7,665	5,985	66	2,486	1,295	1,191
26	13,248	7,485	5,763	67	2,381	1,240	1,141
27	12,743	7,213	5,530	68	2,268	1,181	1,087
28	12,110	6,826	5,284	69	2,149	1,117	1,032
29	11,397	6,365	5,032	70	2,026	1,051	975
30	10,631	5,854	4,777	71	1,904	986	918
31	9,910	5,374	4,536	72	1,782	921	861
32	9,322	4,997	4,325	73	1,661	858	803
33	8,932	4,777	4,155	74	1,540	795	745
34	8,685	4,670	4,015	75	1,416	730	686
35	8,492	4,601	3,891	76	1,288	661	627
36	8,275	4,507	3,768	77	1,151	588	563
37	8,034	4,390	3,644	78	1,007	509	498
38	7,741	4,229	3,512	79	850	420	430
39	7,414	4,037	3,377	80 +	4,694	2,318	2,376
40	7,095	3,848	3,247	Total	658,888	345,298	313,590

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.16: PROJECTED POPULATION (NUMBER) BY SEX AND
SINGLE YEAR OF AGE, BHUTAN 2010**

Age	Total	Male	Female	Age	Total	Male	Female
0	19,404	9,781	9,623	41	7917	4323	3594
1	17,550	8,846	8,704	42	7,768	4,244	3,524
2	15,948	8,037	7,911	43	7,424	4,047	3,377
3	14,612	7,363	7,249	44	6,948	3,769	3,179
4	13,549	6,826	6,723	45	6,430	3,464	2,966
5	12,770	6,433	6,337	46	5,985	3,204	2,781
6	12,287	6,190	6,097	47	5,664	3,018	2,646
7	12,099	6,098	6,001	48	5,515	2,936	2,579
8	12,199	6,152	6,047	49	5,493	2,931	2,562
9	12,546	6,331	6,215	50	5,513	2,952	2,561
10	13,060	6,595	6,465	51	5,487	2,945	2,542
11	13,636	6,889	6,747	52	5,399	2,901	2,498
12	14,146	7,147	6,999	53	5,203	2,792	2,411
13	14,511	7,328	7,183	54	4,933	2,639	2,294
14	14,755	7,445	7,310	55	4,654	2,480	2,174
15	15,011	7,582	7,429	56	4,400	2,336	2,064
16	15,288	7,731	7,557	57	4,140	2,192	1,948
17	15,457	7,802	7,655	58	3,880	2,053	1,827
18	15,483	7,765	7,718	59	3,623	1,919	1,704
19	15,397	7,656	7,741	60	3,357	1,782	1,575
20	15,239	7,481	7,758	61	3,101	1,649	1,452
21	15,069	7,329	7,740	62	2,906	1,543	1,363
22	14,913	7,297	7,616	63	2,786	1,470	1,316
23	14,801	7,440	7,361	64	2,723	1,423	1,300
24	14,708	7,693	7,015	65	2,685	1,387	1,298
25	14,600	7,988	6,612	66	2,633	1,347	1,286
26	14,421	8,193	6,228	67	2,555	1,299	1,256
27	14,127	8,212	5,915	68	2,427	1,234	1,193
28	13,691	7,973	5,718	69	2,266	1,158	1,108
29	13,141	7,541	5,600	70	2,095	1,079	1,016
30	12,568	7,055	5,513	71	1,936	1,005	931
31	11,997	6,606	5,391	72	1,800	938	862
32	11,387	6,173	5,214	73	1,688	880	808
33	10,738	5,785	4,953	74	1,594	827	767
34	10,077	5,442	4,635	75	1,504	774	730
35	9,374	5,078	4,296	76	1,405	715	690
36	8,712	4,717	3,995	77	1,286	648	638
37	8,230	4,458	3,772	78	1,131	565	566
38	7,989	4,333	3,656	79	927	461	466
39	7,921	4,302	3,619	80 +	5,287	2,636	2,651
40	7,943	4,325	3,618	Total	695,822	363,383	332,439

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.17: PROJECTED POPULATION (NUMBER) BY SEX AND
SINGLE YEAR OF AGE, BHUTAN 2015**

Age	Total	Male	Female	Age	Total	Male	Female
0	16,532	8,334	8,198	41	8,580	4,643	3,937
1	16,356	8,242	8,114	42	8,094	4,382	3,712
2	16,416	8,273	8,143	43	7,845	4,250	3,595
3	16,604	8,369	8,235	44	7,766	4,213	3,553
4	16,808	8,475	8,333	45	7774	4227	3547
5	16,911	8,530	8,381	46	7,738	4,218	3,520
6	16,805	8,480	8,325	47	7,577	4,132	3,445
7	16,398	8,275	8,123	48	7,229	3,933	3,296
8	15,638	7,891	7,747	49	6,751	3,653	3,098
9	14,584	7,357	7,227	50	6,232	3,349	2,883
10	13,399	6,756	6,643	51	5,784	3,086	2,698
11	12,355	6,226	6,129	52	5,453	2,894	2,559
12	11,765	5,928	5,837	53	5291	2804	2487
13	11,817	5,957	5,860	54	5,247	2,786	2,461
14	12,349	6,230	6,119	55	5,245	2,793	2,452
15	13,018	6,573	6,445	56	5,200	2,774	2,426
16	13,584	6,861	6,723	57	5,092	2,717	2,375
17	14,088	7,117	6,971	58	4,883	2,602	2,281
18	14,447	7,294	7,153	59	4,603	2,443	2,160
19	14,685	7,408	7,277	60	4,313	2,278	2,035
20	14,935	7,541	7,394	61	4,048	2,128	1,920
21	15,206	7,687	7,519	62	3,779	1,980	1,799
22	15,368	7,754	7,614	63	3,513	1,838	1,675
23	15,390	7,716	7,674	64	3,255	1,703	1,552
24	15,300	7,605	7,695	65	2,987	1,565	1,422
25	15,140	7,430	7,710	66	2,730	1,432	1,298
26	14,964	7,276	7,688	67	2,526	1,322	1,204
53	5,291	2,804	2,487	68	2,389	1,242	1,147
28	14,692	7,383	7,309	69	2,304	1,186	1,118
29	14,593	7,631	6,962	70	2,237	1,139	1,098
30	14,482	7,922	6,560	71	2,163	1,090	1,073
31	14,298	8,122	6,176	72	2,066	1,034	1,032
32	14,003	8,139	5,864	73	1,938	967	971
33	13,562	7,897	5,665	74	1,788	892	896
34	13,013	7,467	5,546	75	1,623	813	810
35	12,437	6,981	5,456	76	1,457	735	722
36	11,865	6,532	5,333	77	1,298	663	635
37	11,252	6,098	5,154	78	1,160	601	559
38	10,603	5,711	4,892	79	1,056	556	500
39	9,943	5,367	4,576	80 +	6,375	3,180	3,195
40	9,241	5,003	4,238	Total	757,042	393,324	363,718

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.18: PROJECTED POPULATION (NUMBER) BY SEX AND
SINGLE YEAR OF AGE, BHUTAN 2020**

Age	Total	Male	Female	Age	Total	Male	Female
0	12,818	6,457	6,361	41	11,705	6,441	5,264
1	14,409	7,264	7,145	42	11,088	6,005	5,083
2	15,446	7,790	7,656	43	10,437	5,617	4,820
3	16,043	8,093	7,950	44	9,776	5,272	4,504
4	16,315	8,231	8,084	45	9,074	4,908	4,166
5	16,384	8,266	8,118	46	8,410	4,545	3,865
6	16,364	8,257	8,107	47	7,919	4,280	3,639
7	16,354	8,251	8,103	48	7,657	4,141	3,516
8	16,428	8,289	8,139	49	7,562	4,093	3,469
9	16,585	8,369	8,216	50	7,551	4,095	3,456
10	16,742	8,449	8,293	51	7,496	4,074	3,422
11	16,745	8,450	8,295	52	7,322	3,980	3,342
12	16,408	8,280	8,128	53	6,966	3,775	3,191
13	15,634	7,888	7,746	54	6,485	3,495	2,990
14	14,576	7,352	7,224	55	5,964	3,189	2,775
15	13,363	6,737	6,626	56	5,512	2,925	2,587
16	12,317	6,206	6,111	57	5,170	2,727	2,443
17	11,723	5,906	5,817	58	4,985	2,623	2,362
18	11,774	5,934	5,840	59	4,915	2,589	2,326
19	12,300	6,204	6,096	60	4,882	2,577	2,305
20	12,963	6,543	6,420	61	4,812	2,543	2,269
21	13,524	6,829	6,695	62	4,681	2,473	2,208
22	14,020	7,080	6,940	63	4,456	2,349	2,107
23	14,374	7,255	7,119	64	4,163	2,185	1,978
24	14,609	7,367	7,242	65	3,862	2,015	1,847
25	14,853	7,497	7,356	66	3,587	1,862	1,725
26	15,119	7,641	7,478	67	3,312	1,711	1,601
27	15,275	7,705	7,570	68	3,044	1,569	1,475
28	15,293	7,665	7,628	69	2,791	1,438	1,353
29	15,202	7,555	7,647	70	2,547	1,312	1,235
30	15,038	7,379	7,659	71	2,317	1,194	1,123
31	14,858	7,224	7,634	72	2,102	1,080	1,022
32	14,697	7,189	7,508	73	1,909	976	933
33	14,576	7,323	7,253	74	1,740	883	857
34	14,471	7,566	6,905	75	1,602	805	797
35	14,353	7,850	6,503	76	1,502	746	756
36	14,164	8,044	6,120	77	1,444	711	733
37	13,861	8,055	5,806	78	1,435	702	733
38	13,417	7,812	5,605	79	1,483	727	756
39	12,862	7,379	5,483	80 +	7,193	3,605	3,588
40	12,282	6,892	5,390	Total	809,397	418,760	390,637

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 1.19: PROJECTED POPULATION (NUMBER) BY SEX AND
SINGLE YEAR OF AGE, BHUTAN 2025**

Age	Total	Male	Female	Age	Total	Male	Female
0	12,696	6,399	6,297	41	13,993	7,943	6,050
1	12,894	6,501	6,393	42	13,681	7,947	5,734
2	13,149	6,631	6,518	43	13,229	7,699	5,530
3	13,452	6,786	6,666	44	12,665	7,262	5,403
4	13,791	6,959	6,832	45	12,077	6,772	5,305
5	14,157	7,145	7,012	46	11,491	6,316	5,175
6	14,538	7,338	7,200	47	10,868	5,878	4,990
7	14,922	7,532	7,390	48	10,213	5,487	4,726
8	15,300	7,723	7,577	49	9,548	5,139	4,409
9	15,658	7,903	7,755	50	8,843	4,772	4,071
10	15,981	8,065	7,916	51	8,177	4,408	3,769
11	16,254	8,202	8,052	52	7,674	4,135	3,539
12	16,462	8,306	8,156	53	7,395	3,985	3,410
13	16,588	8,369	8,219	54	7,277	3,922	3,355
14	16,626	8,389	8,237	55	7,239	3,907	3,332
15	16,701	8,427	8,274	56	7,157	3,869	3,288
16	16,698	8,426	8,272	57	6,965	3,764	3,201
17	16,359	8,254	8,105	58	6,599	3,554	3,045
18	15,584	7,862	7,722	59	6,112	3,271	2,841
19	14,528	7,326	7,202	60	5,590	2,966	2,624
20	13,315	6,711	6,604	61	5,133	2,700	2,433
21	12,269	6,180	6,089	62	4,777	2,495	2,282
22	11,675	5,880	5,795	63	4,567	2,378	2,189
23	11,721	5,905	5,816	64	4,462	2,323	2,139
24	12,242	6,173	6,069	65	4,393	2,291	2,102
25	12,901	6,510	6,391	66	4,289	2,238	2,051
26	13,455	6,792	6,663	67	4,135	2,156	1,979
27	13,948	7,042	6,906	68	3,896	2,026	1,870
28	14,296	7,214	7,082	69	3,598	1,861	1,737
29	14,526	7,324	7,202	70	3,281	1,686	1,595
30	14,765	7,452	7,313	71	2,981	1,522	1,459
31	15,025	7,592	7,433	72	2,716	1,380	1,336
32	15,176	7,654	7,522	73	2,490	1,261	1,229
33	15,188	7,612	7,576	74	2,288	1,159	1,129
34	15,090	7,499	7,591	75	2,093	1,061	1,032
35	14,922	7,322	7,600	76	1,883	956	927
36	14,735	7,164	7,571	77	1,634	828	806
37	14,567	7,124	7,443	78	1,325	668	657
38	14,437	7,252	7,185	79	934	460	474
39	14,322	7,485	6,837	80 +	8,202	4,045	4,157
40	14,193	7,759	6,434	Total	850,976	438,679	412,297

Source: Population Projections Bhutan 2005 - 2030, NSB

TABLE 1.20: PROJECTED POPULATION (NUMBER) BY SEX AND SINGLE YEAR OF AGE, BHUTAN 2030

Age	Total	Male	Female	Age	Total	Male	Female
0	12,726	6,413	6,313	41	14,579	7,086	7,493
1	12,481	6,292	6,189	42	14,396	7,038	7,358
2	12,357	6,232	6,125	43	14,253	7,154	7,099
3	12,341	6,225	6,116	44	14,121	7,373	6,748
4	12,421	6,267	6,154	45	13,975	7,631	6,344
5	12,579	6,348	6,231	46	13,759	7,802	5,957
6	12,804	6,462	6,342	47	13,432	7,794	5,638
7	13,085	6,605	6,480	48	12,965	7,536	5,429
8	13,405	6,766	6,639	49	12,390	7,094	5,296
9	13,754	6,943	6,811	50	11,788	6,598	5,190
10	14,124	7,130	6,994	51	11,188	6,135	5,053
11	14,505	7,322	7,183	52	10,555	5,692	4,863
12	14,889	7,515	7,374	53	9,892	5,296	4,596
13	15,268	7,706	7,562	54	9,221	4,944	4,277
14	15,624	7,885	7,739	55	8,514	4,575	3,939
15	15,946	8,046	7,900	56	7,841	4,207	3,634
16	16,216	8,182	8,034	57	7,324	3,925	3,399
17	16,419	8,283	8,136	58	7,022	3,760	3,262
18	16,543	8,345	8,198	59	6,869	3,676	3,193
19	16,576	8,362	8,214	60	6,794	3,638	3,156
20	16,647	8,398	8,249	61	6,681	3,581	3,100
21	16,641	8,394	8,247	62	6,463	3,461	3,002
22	16,298	8,221	8,077	63	6,082	3,244	2,838
23	15,524	7,828	7,696	64	5,594	2,963	2,631
24	14,470	7,295	7,175	65	5,072	2,662	2,410
25	13,260	6,681	6,579	66	4,612	2,397	2,215
26	12,215	6,151	6,064	67	4,244	2,188	2,056
27	11,620	5,851	5,769	68	4,009	2,058	1,951
28	11,663	5,875	5,788	69	3,870	1,985	1,885
29	12,180	6,140	6,040	70	3,762	1,932	1,830
30	12,832	6,474	6,358	71	3,634	1,867	1,767
31	13,383	6,755	6,628	72	3,448	1,770	1,678
32	13,867	7,000	6,867	73	3,202	1,638	1,564
33	14,209	7,170	7,039	74	2,908	1,478	1,430
34	14,431	7,275	7,156	75	2,591	1,307	1,284
35	14,662	7,399	7,263	76	2,277	1,139	1,138
36	14,913	7,534	7,379	77	1,999	995	1,004
37	15,055	7,592	7,463	78	1,782	888	894
38	15,058	7,545	7,513	79	1,657	839	818
39	14,952	7,429	7,523	80 +	9,043	4,480	4,563
40	14,772	7,247	7,525	Grand to	886,523	455,409	431,114

Source: Population Projections Bhutan 2005 - 2030, NSB

**TABLE 2.1: SUMMARY OF THE HEALTH FACILITIES AND PERSONNEL,
BHUTAN, 2003 TO 2007**

Facilities	2003	2004	2005	2006	2007
Number of hospitals	29	29	29	29	29
Number of basic health units	172	176	176	176	178
Number of dispensaries/outreach clinic	440	476	485	514	519
Number of indigenous hospitals	1	1	1	1	1
Number of indigenous dispensaries	19	21	21	21	26
Number of doctors	140	144	145	150	157
Persons per doctor*	5,245	5,227	4,379	4,312	4,197
Number of hospital beds	1,093	1,113	1,078	1,133	1,159
Persons per hospital bed	672	676	589	571	568
Doctors per 10,000 persons	1.9	1.9	2.3	2.3	2.4
Hospital bed per 10,000 persons	15	15	17	18	18
Population covered by health care (%)	90	90	90	90	90
Population access to safe drinking water (%)	71.0	n.a	84.0	81.4	82.3
Women attended by trained personnel during child birth (%)	46.7	53.6	52.3	57.1	53.6

Source: Information Section, Department of Health, MoH, Thimphu.

Note: Includes doctors in administrative services, non-nationals and attachments.

* The Persons per doctor for the year 2005 and thereafter is calculated based on the population figures of PHCB 2005, while earlier ones were based on the NSB estimates.

TABLE 2.2: TYPE OF HEALTH FACILITIES IN DZONGKHAGS, BHUTAN, 2007

(Number)

Dzongkhag	Hospitals	Basic health unit	Outreach clinic
Bumthang	1	3	14
Chhukha	3	8	47
Dagana	0	9	16
Gasa	0	4	13
Ha	1	4	15
Lhuentse	1	11	33
Monggar	1	27	57
Paro	1	3	27
Pemagatshel	1	12	33
Punakha	1	5	7
Samdrupjongkhar	2	7	36
Samtse	3	9	18
Sarpang	2	8	11
Thimphu	4	8	19
Trashigang	3	19	57
Trashiyangtse	1	7	23
Trongsa	1	6	19
Tsirang	1	4	13
Wangdue	1	10	23
Zhemgang	1	14	38
Bhutan	29	178	519

Source: Information Section, Department of Health, MoH, Thimphu.

Note: BHU's figure excludes those which are not functioning.

TABLE 2.3: HEALTH PERSONNEL BY CATEGORY, BHUTAN, 2003 TO 2007

Health personnel	(Number)				
	2003	2004	2005	2006	2007
Doctors	140	135	145	150	154
Dzongkhag Health Officer (DHO)	24	23	22	22	37
Health Assistants	144	201	171	229	232
Basic Health Workers	172	171	210	173	173
Sister and Nurses / B.Sc Nurses	509	522	538	587	559
General Nurse Midwife/Staff Nurses (GNM)	173	183	202	200	255
Auxiliary Nurse Midwife (ANM)	144	140	134	134	123
Assistant Nurses	176	175	174	174	176
Other Technicians	29	368	438	420	510
Indigenous Physicians	29	31	30	30	38
Indigenous Compounders/Menpas	26	26	36	42	43
Malaria Workers	47	47	48	48	48
Village Health Workers (VHW)	1,097	1,201	1,200	1,087	1,200

Source: Information Section, Department of Health, MoH, Thimphu.

TABLE 2.4: TOP TEN MORBIDITY, BHUTAN, 2007

Priority health problem/Disease	Number
Common cold	264,496
Skin Infections	112,370
Peptic Ulcer Syndrome	68,421
Acute Pharyngitis/Tonsillitis	65,558
Diarrhoea	64,055
Other disorders of skin & Subcutaneous-tissues	63,645
Other Musculo-skeletal disorders	59,890
Other Diseases of the Digestive System	51,344
Conjunctivitis	46,091
Dysentery	26,572

Source: Information Section, Department of Health, MoH, Thimphu.

TABLE 2.5: TOP TEN INDOOR HOSPITAL MORTALITY, BHUTAN, 2007

Priority health problem/Disease	Number
Alcohol Liver Diseases	98
Neonatal Death	84
Other Cancers	60
Other Circulatory Diseases	55
Other Infections (excluding ear, brain, STI)	41
Pneumonia	39
Other Respiratory & nose Diseases	38
Other Kidney, UT / Genital Disorders	36
Other Diseases of the Digestive System	35
Injuries & Poisoning	25

Source: Information Section, Department of Health, MoH, Thimphu.

**TABLE 2.6: MORBIDITY CASES REPORTED FROM BASIC HEALTH UNITS,
BHUTAN, 2007**

(Number)

Disease Name/Infections	Under 5 years		5 years & older		Total
	Male	Female	Male	Female	
Cholera	0	0	0	0	0
Typhoid	6	5	181	178	370
Diarrhoea	5,142	5,018	11,660	10,762	32,582
Dysentery	2,070	2,130	5,716	4,818	14,734
Tetanus	1	2	10	3	16
Diphtheria	0	0	0	0	0
Pertussis	0	0	0	0	0
Early Syphilis	0	0	16	1	17
Sexually Transmitted Disease, excluding HIV/AIDS	1	3	373	327	704
Polio	n.a	n.a	n.a	n.a	n.a
Rabies	0	0	0	1	1
Viral, Protozoal & Helminthic disease					
Measels	0	3	1	4	8
Viral Hepatitis	22	14	79	83	198
Plasmodium falciparum malaria	2	3	93	40	138
Other malaria	3	9	96	71	179
Intestinal Worms	1,184	1,222	3,630	3,983	10,019
Scabies	612	670	4,504	3,218	9,004
Other Infections (excluding ear, brain, STI)	316	281	1,359	1,586	3,542
Blood diseases					
Nutritional Anaemia	80	121	1,456	4,277	5,934
Blood & Immune Disorders	15	8	97	166	286
Endocrine, Metabolic & Nutritional					
Malnutrition (exclude child clinic attendance)	56	62	115	146	379
Mental disorders					
Other Mental Disorders	2	2	135	102	241
Disease of Nervous system					
Meningitis/Encephalitis	1	1	10	15	27
Other Nervous including Peripheral Disorders	122	126	6,341	10,740	17,329
Eye & Ear Diseses					
Conjunctivities	1,511	1,638	9,023	12,360	24,532
Other Eye Disorders	519	519	5,424	7,629	14,091
Otitis Media	1,207	1,256	2,930	3,138	8,531
Other Ear Disorders	269	332	1,593	1,893	4,087
Disease of Circulatory System					
Hypertension	0	0	2,391	3,215	5,606
Other Circulatory Diseases	51	55	922	1,321	2,349
Respiratory diseases					
Common Cold	11,270	11,646	52,490	64,192	139,598
Acute Pharyngitis/Tonsillitis	1,277	1,472	12,498	14,607	29,854
Pneumonia	1,581	1,578	505	559	4,223
Other Respiratory & Nose Disesses	1,163	1,117	6,865	8,414	17,559

(Contd..)

**TABLE 2.6 (contd.): MORBIDITY CASES REPORTED FROM BASIC HEALTH UNITS,
BHUTAN, 2007**

(Number)

Disease Name/Infections	Under 5 year		5 years & older		Total
	Male	Female	Male	Female	
Disease of the Digestive system					
Dental Caries	181	289	3,735	4,663	8,868
Diseases of Teeth & Gums	192	264	2,999	3,426	6,881
Peptic Ulcer Syndrome	57	112	12,380	17,039	29,588
Alcohol Liver Diseases	0	0	89	122	211
Other Diseases of the Digestive System	1,210	1,423	8,806	10,194	21,633
Skin Diseases					
Skin Infections	5,158	5,152	24,875	21,818	56,985
Other Disorders of Skin & Subcutaneous	1,868	2,055	11,659	11,411	26,993
Diseases of Musculo-skeletal system & Congenital deformities					
Arthritis & Arthrosis	15	23	3,002	3,241	6,281
Other Musculo-skeletal disorders	94	101	12,562	13,549	26,306
Genito-Urinary diseases					
Infection of Breasts including Puerperium	0	4	0	355	359
Other Disease of the Breast	2	3	28	689	722
Menstrual Disturbances	0	0	0	2,121	2,121
Other Kidney, UT/ Genital Disorders	310	348	3,027	6,824	10,509
Pregnancy, Childbirth and Puerperium					
Abortions	0	0	0	84	84
Pregnancy Included Hypertension	0	0	0	22	22
Ante-Partum Haemorrhage & Placenta Previa	0	0	0	10	10
Malpresentation	0	0	0	23	23
Prolonged Labour	0	0	0	54	54
Obstructed Labour	0	0	0	8	8
Post Partum Haemorrhage	0	0	0	55	55
Retained Placenta	0	0	0	75	75
Puerperal Sepsis	0	0	0	35	35
Other complications of pregnancy	0	0	0	201	201
Perinatal Conditions					
Low Birth Weight	10	10	0	0	20
Foetal Death & Stillbirth	17	7	0	0	24
Neonatal Death	13	4	0	0	17
Conditions Originating in the Perinatal Period	2	2	0	0	4
Malformations					
Malformations	5	2	7	6	20
Injuries & Trauma					
Burns & Corrosions	390	344	795	577	2,106
Injuries & Poisoning	365	328	5,708	2,570	8,971
Transport Accidents	6	12	304	97	419
Bites & Stings	190	174	1,742	1,260	3,366
Other External cause of Injury	298	246	5,092	2,247	7,883
Work related injuries	92	77	4,903	1,860	6,932
Complications of Health Care	4	4	103	167	278
ANC, Immunisation & Other counselling	1,242	1,378	3,970	8,828	15,418
Total	40,204	41,655	236,282	271,479	589,620

Source: Information Section, Department of Health, MoH, Thimphu.

TABLE 2.7: HOSPITAL MORBIDITY CASES REPORTED, BHUTAN, 2007

(Number)

Disease Name/Infections	Under 5 years		5 years & older		Total
	Male	Female	Male	Female	
Cholera	0	1	2	2	5
Typhoid	47	60	455	550	1,112
Diarrhoea	6,224	5,650	10,275	8,308	30,457
Dysentery	2,101	1,951	4,222	3,209	11,483
Tuberculosis	13	7	53	57	130
Tetanus	0	0	0	0	0
Diphtheria	0	0	0	0	0
Pertussis	0	0	0	0	0
Early Syphilis	0	0	9	14	23
Sexually Transmitted Disease, excluding HIV/AIDS	1	2	405	205	613
Rabies	0	1	0	1	2
Viral, Protozoal & Helminthic disease					
Measels	1	1	0	1	3
Viral Hepatitis	48	45	137	97	327
Plasmodium falciparum malaria	4	2	92	45	143
Other malaria	9	6	126	87	228
Intestinal Worms	1,132	1,133	2,091	1,882	6,238
Scabies	1,015	966	3,768	2,517	8,266
Other Infections (excluding ear, brain, STI)	433	1,379	2,094	1,942	5,848
Neoplasm					
Cervical Cancer	0	0	0	20	20
Other Cancers	0	0	0	0	0
Neoplasm (benign + CIS)	0	0	0	0	0
Blood diseases					
Nutritional Anaemia	221	230	1,268	3,461	5,180
Blood & Immune Disorders	8	7	41	52	108
Endocrine, Metabolic & Nutritional					
Diabetes	3	1	782	674	1,460
Malnutrition (exclude child clinic attendance)	41	55	33	21	150.0
Other Nutritional & Metabolic Disorders	131	140	770	780	1,821
Mental Disorders					
Psychosis	0	0	25	25	50
Depression	0	0	271	338	609
Anxiety	0	0	107	145	252
Other Mental Disorders	0	0	80	97	177
Disease of Nervous system					
Meningitis/Encephalitis	2	0	9	7	18
Epilepsy	11	15	537	521	1,084
Other Nervous including Peripheral Disorders	83	97	2,593	3,597	6,370

(Contd..)

TABLE 2.7 (contd.): HOSPITAL MORBIDITY CASES REPORTED, BHUTAN, 2007

Disease Name/Infections	(Number)				
	Under 5 year		5 years & older		Total
	Male	Female	Male	Femal	
Eye & Ear Diseases					
Conjunctivities	1,892	1,967	9,102	8,471	21,432
Cataract	21	35	342	283	681
Other Eye Disorders	626	591	7,182	7,659	16,058
Otitis Media	1,360	1,293	3,677	3,233	9,563
Other Ear Disorders	702	732	3,197	3,002	7,633
Diseases of Circulatory System					
Rheumatic Heart Diseases	10	7	572	576	1,165
Hypertension	0	0	5,592	7,105	12,697
Ischaemic Heart Diseases	0	0	29	34	63
Cerebro-vascular Diseases	0	1	44	36	81
Other Circulatory Diseases	29	36	657	575	1,297
Respiratory diseases					
Common Cold	15,749	15,780	46,585	45,820	123,934
Acute Pharyngitis/Tonsillitis	2,913	3,075	14,023	15,113	35,124
Pneumonia	2,112	2,093	1,513	1,574	7,292
Other Respiratory & Nose Disesses	2,925	3,020	9,536	9,554	25,035
Disease of the Digestive system					
Dental Caries	810	972	9,841	10,131	21,754
Diseases of Teeth & Gums	374	848	3,039	3,057	7,318
Peptic Ulcer Syndrome	147	225	16,785	20,657	37,814
Acute Appendicitis	10	9	173	257	449
Alcohol Liver Diseases	0	0	255	157	412
Gall Bladder Diseases	10	9	184	275	478
Other Diseases of the Digestive system	1,620	1,695	11,878	11,847	27,040
Skin Diseases					
Skin Infections	6,766	6,468	23,321	17,974	54,529
Other Disorders of Skin & Subcutaneous	3,348	3,258	15,805	13,226	35,664
Diseases of Musculo-skeletal system & Cogenital deformities					
Arthritis & Arthrosis	33	46	3,396	3,064	6,539
Other Musculo-skeletal disorders	281	251	17,454	14,710	32,696
Genito-Urinary Diseases					
Cystitis	17	34	190	545	786
Infection of Breasts, including Puerperium	0	0	0	404	404
Other Disease of the Breast	0	0	11	652	663
Pelvic Inflammatory Disease	0	0	0	1,725	1,725
Menstrual Disturbances	0	0	0	2,167	2,167
Other Kidney, UT/Genital Disorders	268	305	4,059	8,585	13,217
Pregnancy, Childbirth and Puerperium					
Abortions	0	0	0	124	124

(Contd..)

TABLE 2.7(contd.): HOSPITAL MORBIDITY CASES REPORTED, BHUTAN, 2007

Disease Name/Infections	(Number)				
	Under 5 years		5 years & older		Total
	Male	Female	Male	Female	
Pregnancy Included Hypertension	0	0	0	79	79
Ante-Partum Haemorrhage & Placenta Previa	0	0	0	8	8
Malpresentation	0	0	0	6	6
Prolonged Labour	0	0	0	14	14
Obstructed Labour	0	0	0	5	5
Post Partum Haemorrhage	0	0	0	13	13
Retained Placenta	0	0	0	12	12
Puerperal Sepsis	0	0	0	6	6
Other complications of pregnancy	0	0	0	402	402
Perinatal Conditions					
Low Birth Weight	1	4	0	0	5
Foetal Death & Stillbirth	1	1	0	0	2
Neonatal Death	0	0	0	0	0
Conditions Originating in the Perinatal Period	10	9	0	0	19
Malformations					
Malformations	0	1	0	0	1
Injuries & Trauma					
Burns & Corrosions	368	380	872	571	2,191
Injuries & Poisoning	797	727	8,911	3,733	14,168
Transport Accidents	19	20	425	165	629
Bites & Stings	307	289	2,068	1,330	3,994
Other External cause of Injury	258	254	2,727	1,352	4,591
Work related injuries	91	115	2,441	943	3,590
Complications of Health Care	5	15	65	123	208
ANC, Immunisation & Other counselling	674	683	3,998	6,568	11,923
Total	56,082	57,024	260,194	256,577	629,877

Source: Information Section, Department of Health, MoH, Thimphu.

TABLE 2.8: HOSPITAL INDOOR MORBIDITY REPORT, BHUTAN, 2007

(Number)

Disease Name/Infections	Under 5 years		Under 5 years		Total	Death
	Male	Female	Male	Female		
Cholera	0	0	0	0	0	0
Typhoid	20	19	230	304	573	2
Diarrhoea	246	192	290	333	1,061	1
Dysentery	70	62	106	146	384	0
Tuberculosis	10	6	401	327	744	23
Tetanus	0	0	4	0	4	0
Diphtheria	0	0	0	0	0	0
Pertussis	0	0	0	0	0	0
Early Syphilis	1	0	0	0	1	0
Sexually Transmitted Disease, excluding HIV/AIDS	1	2	15	4	22	1
Polio	0	0	0	0	0	0
Rabies	0	0	0	0	0	0
Viral, Protozoal & Helminthic disease						
Measels	0	1	0	0	1	0
Viral Hepatitis	30	35	97	72	234	5
Plasmodium falciparum malaria	4	4	134	56	198	2
Other malaria	7	1	91	40	139	0
Intestinal Worms	3	2	5	8	18	0
Scabies	20	17	50	33	120	0
Other Infections (excluding ear, brain, STI)	129	85	312	259	785	41
Neoplasm						
Cervical Cancer	0	3	0	47	50	2
Other Cancers	4	5	415	222	646	60
Neoplasm (benign+CIS)	2	5	49	69	125	1
Blood diseases						
Nutritional Anaemia	23	25	98	250	396	7
Blood & Immune Disorders	13	7	41	53	114	4
Endocrine, Metabolic & Nutritional						
Diabetes	0	1	148	123	272	10
Malnutrition (exclude child clinic attendance)	45	57	12	9	123	6
Other Nutritional & Metabolic Disorders	21	11	28	46	106	1
Mental Disorders						
Psychosis	0	2	34	35	71	0
Depression	1	1	40	61	103	1
Anxiety	0	2	26	44	72	0
Other Mental Disorders	0	10	107	112	229	1

(Contd..)

TABLE 2.8(contd.): HOSPITAL INDOOR MORBIDITY REPORT, BHUTAN, 2007

(Number)

Disease Name/Infections	Under 5 years		Under 5 years			Death
	Male	Female	Male	Female	Total	
Disease of Nervous system						
Meningitis/Encephalitis	18	15	41	33	107	22
Epilepsy	14	12	64	46	136	2
Other Nervous including Peripheral Disorders	53	34	211	165	463	11
Eye & Ear Diseases						
Conjunctivitis	8	16	81	58	163	0
Cataract	1	1	247	188	437	0
Other Eye Disorders	16	18	174	133	341	0
Otitis Media	15	18	23	35	91	0
Other Ear Disorders	20	8	46	24	98	0
Diseases of Circulatory System						
Rheumatic Heart Diseases	3	1	80	118	202	16
Hypertension	0	0	519	525	1,044	17
Ischaemic Heart Diseases	0	0	24	38	62	2
Cerebro-vascular Diseases	0	1	70	63	134	26
Other Circulatory Diseases	31	30	275	288	624	55
Respiratory diseases						
Common Cold	180	156	493	479	1,308	0
Acute Pharyngitis/Tonsillitis	62	45	216	293	616	0
Pneumonia	841	733	306	238	2,118	39
Other Respiratory & Nose Diseases	446	363	867	996	2,672	38
Disease of the Digestive system						
Dental Caries	6	4	53	70	133	0
Diseases of Teeth & Gums	4	2	26	32	64	0
Peptic Ulcer Syndrome	1	5	466	629	1,101	0
Acute Appendicitis	2	1	208	215	426	0
Alcohol Liver Diseases	0	0	483	365	848	98
Gall Bladder Diseases	2	5	130	383	520	3
Other Diseases of the Digestive system	238	195	1,132	1,129	2,694	35
Skin Diseases						
Skin Infections	138	135	394	274	941	1
Other Disorders of Skin & Subcutaneous	117	91	513	357	1,078	1
Diseases of Musculo-skeletal system & Congenital deformities						
Arthritis & Arthrosis	1	4	137	126	268	0
Other Musculo-skeletal disorders	19	27	544	361	951	4

(Contd.)

TABLE 2.8 (contd.): HOSPITAL INDOOR MORBIDITY REPORT, BHUTAN, 2007

Disease Name/Infections	(Number)					
	Under 5 years		Under 5 years		Total	Death
	Male	Female	Male	Female		
Genito-Urinary Diseases						
Cystitis	4	3	66	179	252	0
Infection of Breasts, including Puerperium	0	0	0	89	89	0
Other Disease of the Breast	0	0	3	61	64	0
Pelvic Inflammatory Disease	0	0	0	255	255	0
Menstrual Disturbances	0	0	0	176	176	0
Other Kidney, UT/Genital Disorders	100	42	835	1,430	2,407	36
Pregnancy, Childbirth and Puerperium						
Abortions	0	0	0	705	705	1
Pregnancy Included Hypertension	0	0	0	291	291	1
Ante-Partum Haemorrhage & Placenta Previa	0	0	0	79	79	0
Malpresentation	0	0	0	76	76	3
Prolonged Labour	0	0	0	221	221	0
Obstructed Labour	0	0	0	136	136	0
Post Partum Haemorrhage	0	0	0	74	74	1
Retained Placenta	0	0	0	131	131	0
Puerperal Sepsis	0	0	0	75	75	0
Other complications of pregnancy	0	0	0	3,880	3,880	2
Perinatal Conditions						
Low Birth Weight	94	83	0	0	177	3
Foetal Death & Stillbirth	12	23	0	0	35	35
Neonatal Death	47	34	0	0	81	81
Conditions Originating in the Perinatal Period	406	238	0	0	689	11
Malformations						
Malformations	51	38	38	29	156	0
Injuries & Trauma						
Burns & Corrosions	44	32	121	69	266	7
Injuries & Poisoning	97	75	1,268	563	2,003	25
Transport Accidents	9	16	342	149	516	8
Bites & Stings	2	7	112	77	198	0
Other External cause of Injury	26	25	359	200	610	0
Work related injuries	3	7	197	66	273	0
Complications of Health Care	1	1	11	23	36	0
ANC, Immunisation & Other counselling	2,243	4	184	1,268	3,699	2
Total	6,025	3,148	14,092	20,616	43,881	757

Source: Information Section, Department of Health, MoH, Thimphu.

**TABLE 2.9: NUMBER OF PATIENTS REPORTED IN DIFFERENT HOSPITALS,
BHUTAN, 2003 TO 2007**

Persons ('000)					
Hospital	2003	2004	2005	2006	2007
Government hospitals	293.7	318.30	345.40	419.67	428.93
Bumthang	19.9	14.40	19.30	17.01	18.88
Gelephu	23.9	30.40	39.70	43.26	41.45
Lhuentse	8.8	8.20	10.10	9.93	7.54
Monggar	14.1	21.70	19.80	38.38	27.94
Paro	24.3	27.30	48.50	46.32	58.49
Pemagatshel	17.1	17.30	15.70	17.27	15.86
Phuentsholing	28.1	29.20	26.90	46.57	37.57
Punakha	24.3	27.00	27.50	30.76	37.29
Samdrupjongkhar	17.2	18.30	14.80	19.46	17.20
Samtse	16.8	18.80	20.70	26.98	26.77
Sarpang	21.4	26.10	19.10	19.10	20.13
Sibsoo	10.6	13.20	13.00	15.33	14.24
Trashiyangtse	8.0	8.70	8.30	9.71	14.20
Thimphu	0.0	0.00	0.00	10.19	10.15
Trashigang	12.7	12.90	17.60	22.42	16.67
Trongsa	12.8	5.00	8.30	11.93	12.77
Tshimalakha	16.4	19.40	19.40	13.36	13.78
Tsirang	17.3	20.40	16.70	21.69	38.00
Leprosy mission hospitals	21.70	28.90	28.30	67.70	69.61
Gidakom	7.90	11.40	11.50	12.47	14.26
Riserboo	6.20	8.20	9.20	10.54	10.03
Yebilaptsa (Zhemgang)	7.60	9.30	7.60	9.39	8.96
Gedu*	n.a	n.a	n.a	35.30	36.35
Army hospitals	5.8	39.90	25.50	35.67	27.80
Lungtenphug	n.a	10.30	9.20	21.14	17.61
Wangdiphodrang	n.a	29.60	16.30	14.53	10.24
Yonphula	5.8	n.a	n.a	n.a	n.a
Imtrat (Ha)	n.a	n.a	n.a	n.a	n.a
Others	12.8	14.00	11.80	15.31	10.87
Dantak (Deothang)	12.80	14.00	11.80	15.31	10.87
IBFH (Thimphu)	n.a	n.a	n.a	n.a	n.a
Project hospitals	28.1	27.70	25.20	26.55	27.10
Gomtu	28.10	27.70	25.20	26.55	27.10
Indigenous hospital	n.a	32.40	n.a	n.a	41.30
Indigenous dispensary	n.a	68.30	n.a	n.a	67.00
All hospitals (b)	362.10	529.50	436.20	566.00	672.60

Source: Information Section, Department of Health, MoH, Thimphu.

Note: Comparisons over time may be affected by different coverage in each year

*Gedu:- It was BHU before 2006

TABLE 2.10: EPI COVERAGE BY DZONGKHAG, BHUTAN, 2007

(Number)

Dzongkhag	BCG	MEASLES	DPT3/HEP 3	OPV 3	* OPV 0
Bumthang	264	345	276	276	196
Chhukha	1,125	1,733	1,473	1,473	938
Dagana	383	460	495	498	278
Gasa	29	68	53	53	26
Ha	137	208	187	188	95
Lhuentse	271	322	314	282	206
Monggar	855	878	786	790	838
Paro	573	659	571	571	535
Pemagatshel	391	429	409	407	318
Punakha	323	511	415	350	270
Samdrupjongkhar	786	746	1,013	800	575
Samtse	1,228	1,299	1,289	1,295	863
Sarpang	760	701	700	690	668
Thimphu	2,883	2,931	1,883	1,878	2,818
Trashigang	791	891	772	782	618
Trashiyangtse	366	470	353	324	201
Trongsa	189	321	241	243	148
Tsirang	326	666	442	442	261
Wangdue	479	711	605	604	356
Zhemgang	366	377	416	415	261
Bhutan	12,525	14,726	12,693	12,361	10,469

Source: Information Section, Department of Health, MoH, Thimphu.

TABLE 2.11: DETAILS OF CHILD GROWTH MONITORING IN IMMUNIZATION CLINICS, BHUTAN, 2003 TO 2007

(Number)

Details	2003	2004	2005	2006	2007
Children weighed	128,083	150,416	161,004	174,149	172,955
Child malnutrition	11,153	13,915	44,176	16,788	17,018
Degree I	9,253	11,616	12,592	14,240	14,450
Degree II	1,601	1,902	2,093	2,120	2,089
Degree III	299	397	410	428	479
Over weight	n.a	n.a	29,081	39,926	38,032

Source: Information Section, Department of Health, MoH, Thimphu.

TABLE 2.12: DETAILS OF MATERNAL AND CHILD HEALTH CARE SERVICES, BHUTAN, 2003 TO 2007

(Number)					
Type of care	2003	2004	2005	2006	2,007
Maternal health care attendance(a)	50,073	58,804	54,142	48,859	49,004
Antenatal	50,073	58,804	54,142	48,859	49,004
Postnatal	n.a	n.a	n.a	n.a	n.a
Deliveries attended	6,174	7,284	6,957	7,675	7,422
Home	2,291	2,125	1,629	1,317	1,064
Hospital/Basic Health Units	3,883	5,159	5,328	6,358	6,358
Child health care attendance	130,711	150,416	161,004	171,135	172,955
First visit	15,114	15,231	15,090	14,589	13,285
Re-visit	115,597	135,185	145,914	156,546	159,670
Malnourished children (b)	11,452	14,312	15,095	16,788	55,529
All malnourished	11,153	13,915	15,095	16,788	55,050
Third degree	299	397	n.a	428	479

Source: Information Section, Department of Health, MoH, Thimphu.

Notes: Third degree malnourishment refers to the most severe cases.

(a) Refers to total attendance, not comprehensive cases

(b) Children attending health units are classified according to three degrees of malnourishment;

TABLE 2.13: DETAILS OF MATERNAL HEALTH CARE ACTIVITIES BY DZONGKHAG, BHUTAN, 2003 TO 2007

(Number)					
Dzongkhag	2003	2004	2005	2006	2007
Bumthang					
Antenatal	719	1,233	1,289	1,141	345
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	277	280	281	233	345
Trained deliveries	97	148	169	154	131
Chhukha					
Antenatal	6,850	7,778	6,651	5,508	1,076
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	1,582	1,641	1,701	1,330	1,076
Trained deliveries	609	672	477	539	542
Dagana					
Antenatal	849	936	971	1,003	1,209
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	472	405	411	396	555
Trained deliveries	244	166	82	58	111
Gasa					
Antenatal	155	134	134	188	200
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	45	49	50	47	51
Trained deliveries	9	17	21	28	30
Ha					
Antenatal	342	495	502	579	562
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	130	177	178	189	196
Trained deliveries	18	53	52	46	47

(Contd..)

**TABLE 2.13 (contd.): DETAILS OF MATERNAL HEALTH CARE ACTIVITIES BY
DZONGKHAG, BHUTAN, 2003 TO 2007**

(Number)

Dzongkhag	2003	2004	2005	2006	2,007
Lhuentse					
Antenatal	821	963	1,154	1,098	1,079
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	364	343	347	403	366
Trained deliveries	136	94	138	178	202
Monggar					
Antenatal	2,094	2,422	2,395	3,021	3,269
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	846	926	935	886	897
Trained deliveries	468	406	452	553	574
Paro					
Antenatal	2,117	2,809	3,184	2,653	2,517
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	375	585	592	567	678
Trained deliveries	233	359	418	376	501
Pemagatshel					
Antenatal	699	886	767	791	1,484
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	278	268	274	255	392
Trained deliveries	47	84	43	51	255
Punakha					
Antenatal	1,326	1,798	1,687	1,528	1,165
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	386	355	356	354	347
Trained deliveries	65	147	182	299	300
Samdrupjongkhar					
Antenatal	2,869	3,379	3,529	3,344	2,618
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	740	884	909	990	679
Trained deliveries	351	404	453	489	381
Samtse					
Antenatal	342	5,536	5,078	4,760	4,827
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	1,318	887	898	1,238	1,267
Trained deliveries	18	557	763	758	565
Sarpang					
Antenatal	3,714	4,240	3,793	3,411	2,700
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	993	893	915	1,099	808
Trained deliveries	580	527	747	696	489
Thimphu					
Antenatal	14,358	15,700	12,689	10,068	10,112
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	437	455	1,989	2,594	3,122
Trained deliveries	1,737	2,070	1,584	2,202	2,131

(Contd..)

TABLE 2.13 (contd.): DETAILS OF MATERNAL HEALTH CARE ACTIVITIES BY DZONGKHAG, BHUTAN, 2003 TO 2007

	(Number)				
Dzongkhag	2003	2004	2005	2006	2,007
Trashigang					
Antenatal	2,830	3,597	3,275	3,082	4,103
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	974	1,167	1,181	1,008	987
Trained deliveries	346	545	490	481	462
Trashiyangtse					
Antenatal	765	953	949	1,093	1,102
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	480	392	399	431	438
Trained deliveries	92	156	107	111	108
Trongsa					
Antenatal	873	651	824	937	720
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	275	298	299	243	255
Trained deliveries	126	160	140	106	34
Tsirang					
Antenatal	1,129	1,469	1,441	1,192	1,230
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	417	444	449	352	448
Trained deliveries	162	233	295	227	191
Wangdue					
Antenatal	1,993	2,182	2,559	2,296	1,913
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	635	733	737	429	551
Trained deliveries	220	181	161	161	182
Zhemgang					
Antenatal	669	1,443	1,251	1,166	1,253
Postnatal	n.a	n.a	n.a	n.a	n.a
Reported deliveries	340	392	401	405	393
Trained deliveries	189	254	183	162	216

Source: Information Section, Department of Health, MoH, Thimphu.

Note: Trained delivery refers to deliveries attended by trained health personnels in hospitals/BHUs and at home

TABLE 2.14: DETAILS OF COMPLICATIONS DURING PREGNANCY AND DURING LABOUR/DELIVERIES, BHUTAN, 2004 TO 2007

Complications	2004		2005		2006		2007	
	Numbers	Percent	Numbers	Percent	Numbers	Percent	Numbers	Percent
Pregnancy of mothers	2,725	100.00	5,022	100.00	5,851	100.00	5,885	100.00
Abortions	579	21.24	657	13.08	811	13.86	913	15.51
Antepartum haemorrhage	118	4.33	125	2.49	131	2.24	97	1.65
P.I.H	365	13.39	514	10.23	453	7.74	392	6.66
Anaemia	..	..	..	..	..	..	..	..
Hepatitis	..	..	..	..	..	..	..	..
Malaria	..	..	..	..	..	..	..	..
Others	1,663	61.02	3,726	74.19	4,456	76.16	4,483	76.18
Labour/delivery	1,117	100.00	983	100.00	977	100.00	1,019	100.00
Obstructed labour	222	8.14	155	15.77	78	7.98	149	14.62
Mal presentation	113	4.14	148	15.05	120	12.28	105	10.30
Prolonged labour/Ruptured uterus	267	9.79	235	23.91	257	26.31	289	28.36
Post partum haemorrhage	183	6.71	197	20.04	168	17.20	142	13.95
Retained Placenta	332	12.18	248	25.23	248	25.38	218	21.39
Puerperal Sepsis	..	..	..	..	106	10.85	116	11.38
All complications	3,842	..	6,005	..	6,828	..	6,904	..

Source: Information Section, Department of Health, MoH, Thimphu.

**TABLE 2.15: FAMILY PLANNING ACCEPTORS BY TYPE OF METHOD
BHUTAN, 2003 TO 2007**

(Number)

Method	2003	2004	2005	2006	2007
Tubectomy	1,049	1,364	1,364	1,844	2,808
Vasectomy	4,636	4,919	4,919	7,202	8,927
Minilap*	1,049	n.a	n.a	n.a	n.a
Intra uterine device (IUD)	25,669	2,111	1,305	1,598	2,610
Pills (OCP)	14,403	18,807	20,210	32,074	34,688
Condoms	574,834	1,000,679	1,163,234	1,517,705	1,607,790
Injection DMPA	51,027	40,745	41,005	57,985	67,965
All methods	672,667	1,068,625	1,232,037	1,618,408	1,724,788

Source: Information Section, Department of Health, MoH, Thimphu.

Note: IUD = No. inserted, Pills = No. of cycles, DMPA = No. of Injections and Condoms = No. of pieces

Minilap*=merged into tubectomy after 2004

TABLE 2.16: NUMBER OF USERS OF FAMILY PLANNING METHODS BY TYPE, BY DZONGKHAG, BHUTAN, 2007

Dzongkhag	Family planning methods						Total
	Vasec.	Tubec.	IUD	DMPA*	Pills**	Condom***	
Bumthang	86	13	13	1,746	1,593	80,910	84,361
Chhukha	993	448	115	6,370	3,885	248,521	260,332
Dagana	741	92	6	2,878	1,973	48,366	54,056
Gasa	25	16	7	323	126	9,829	10,326
Ha	6	14	23	1,111	651	11,129	12,934
Lhuentse	310	41	58	2,107	870	65,346	68,732
Monggar	755	243	97	8,568	1,563	270,460	281,686
Paro	419	437	78	2,611	836	43,360	47,741
Pemagatshel	552	24	20	1,086	1,022	26,133	28,837
Punakha	64	65	13	1,661	1,202	26,895	29,900
Samdrupjongkhar	311	81	69	3,963	2,427	33,831	40,682
Samtse	1,606	459	148	4,233	3,232	56,101	65,779
Sarpang	688	224	51	5,110	3,884	69,951	79,908
Thimphu	433	301	1,751	10,857	4,260	218,421	236,023
Trashiyangtse	0	2	15	1,170	339	28,616	30,142
Trashigang	583	74	85	6,423	2,914	145,896	155,975
Trongsa	162	22	27	1,363	495	34,672	36,741
Tsirang	495	120	10	2,072	1,311	67,140	71,148
Wangdue	459	88	13	1,907	781	47,417	50,665
Zhemgang	239	44	11	2,406	1,324	74,796	78,820
Bhutan	8,927	2,808	2,610	67,965	34,688	1,607,790	1,724,788

Source: Information Section, Department of Health, MoH, Thimphu.

Note:

*DMPA-injected

**Pills-Cycles

***Condom-Pieces

TABLE 2.17: NUMBER OF BLOOD SLIDE EXAMINATIONS FOR MALARIA AND MALARIOMATRIC INDICES, BHUTAN, 2003 TO 2007

Details	2003	2004	2005	2006	2,007
Total blood films examined	61,246	54,892	n.a	66,079	51,446
Blood film detected negative	57,440	52,222	n.a	64,210	50,653
Blood films detected positive	3,806	2,670	n.a	1,869	793
Plasmodium vivax	2,126	1,580	n.a	963	414
Plasmodium falciparum	1,680	966	n.a	761	379
Mixed infections	n.a	124	n.a	144	n.a
Deaths due to malaria	15	15	n.a	6	2

Source: Information Section, Department of Health, MoH, Thimphu.

TABLE 2.18: NUMBER OF TUBERCULOSIS CASES BY TYPE, BHUTAN, 2003 TO 2007

Year	Cases diagnosed and treated			Total deaths
	Pulmonary	Extra Pulmonary	Total cases	
2003	682	344	1,026	31
2004	648	354	1,002	22
2005	631	387	1,018	29
2006	608	326	934	61
2007	635	373	1,008	30

Source: Information Section, Department of Health, MoH, Thimphu.

TABLE 2.19: WATER AND SANITATION FACILITY TYPE BY DZONGKHAG, BHUTAN, 2007

Dzongkhag	Percentage Coverage				
	Sanitary facility	Safe water supply	Drainage & foot path	Vegetable garden	Garbage disposal bins
Bumthang	97.6	98.6	89.8	90.6	96.1
Chhukha	89.4	72.9	54.0	47.2	62.8
Dagana	85.3	62.8	27.7	78.0	70.9
Gasa	83.2	44.0	22.9	93.6	68.7
Ha	95.2	94.7	82.1	66.8	70.8
Lhuentse	92.6	94.0	63.2	84.9	72.8
Monggar	93.9	80.7	50.5	70.4	85.5
Paro	96.7	93.9	77.8	72.6	87.0
Pemagatshel	97.0	85.7	29.2	86.7	62.7
Punakha	93.6	86.6	42.8	91.7	85.8
Samdrupjongkhar	90.9	87.4	34.3	63.3	62.9
Samtse	88.6	72.5	37.1	61.2	69.8
Sarpang	86.6	81.6	41.8	60.0	62.9
Thimphu	89.9	90.1	57.1	72.5	67.3
Trashigang	96.1	90.3	42.2	85.4	61.6
Trashiyangtse	86.5	92.0	46.4	83.3	58.8
Trongsa	89.8	91.0	65.7	78.1	65.4
Tsirang	90.9	83.6	58.2	77.7	78.4
Wangdue	81.1	79.1	50.7	68.8	71.4
Zhemgang	94.1	73.6	50.7	81.0	53.4
Total	90.9	82.3	48.6	71.0	69.6

Source: Information Section, Department of Health, MoH, Thimphu.

TABLE 3.1: NUMBER OF SCHOOLS AND INSTITUTIONS, STAFF AND STUDENTS, BHUTAN, 2007

Detail	CPS	PS	LSS	MSS	HSS	Pvt.	Other Inst.	NFE Centres	Daycare Centres	Total
Schools and Institutions	249	83	87	37	22	24	19	777	6	1,304
Teaching staff	896	751	1,604	1,093	683	345	457	762	19	6,610
Bhutanese	893	745	1,501	906	459	253	381	762	18	5,918
Non-Bhutanese	3	6	103	187	224	92	76	0	1	692
Students	28,953	23,585	48,716	29,829	14,963	6,148	4,739	14,694	215	171,842
Male	14,978	12,100	24,473	15,335	7,861	3,164	3,168	4,692	107	85,878
Female	13,975	11,485	24,243	14,494	7,102	2,984	1,571	10,002	108	85,964
Student to teacher ratio	32	31	30	27	22	18	10	19	11	26

Source: Policy & Planning Division, MoE, Thimphu.

Note: CPS-Community Primary School, PS-Primary School, LSS-Lower Secondary School, MSS-Middle Secondary School, HSS-Higher Secondary School, Pvt-Private School.

* Other inst. Includes tertiary education, vocational institutes, NID and Sanskrit Pathshala

Tertiary education doesn't include students studying abroad

**TABLE 3.2: NUMBER OF EDUCATIONAL INSTITUTIONS, TEACHERS AND STUDENTS,
BHUTAN, 2003 TO 2007**

Year	Infrastructure			Teacher			Student		
	School	Inst.*	Total	School	Inst.*	Total	School	Inst.*	Total
2003	426	14	440	4,005	313	4,318	129,160	3,251	132,411
2004	447	14	461	4,376	321	4,697	135,987	3,381	139,368
2005	458	18	476	4,604	566	5,170	141,388	4,429	145,817
2006	489	18	507	4,963	449	5,412	146,524	4,433	150,957
2007	502	19	521	5,372	457	5,829	152,194	4,739	156,933

Source: Policy & Planning Division, MoE, Thimphu.

Note: *Excludes Non Formal Education and Day Care Centres

**TABLE 3.3: NUMBER OF ENROLMENT AND TEACHING STAFF IN SCHOOLS,
INSTITUTES, NFE CENTRES AND DAY CARE CENTRES, 2007**

Type of Schools, Centres & Institutes	Enrolment			Teachers		
	Male	Female	Total	Bhutanese	Non-Bhutanese	Total
School Education						
Community Primary Schools	14,978	13,975	28,953	893	3	896
Primary Schools	12,100	11,485	23,585	745	6	751
Pvt.Primary Schools	1,142	1,033	2,175	137	16	153
Lower Secondary Schools	24,473	24,243	48,716	1,501	103	1,604
Pvt. Lower Secondary School	135	115	250	20	3	23
Middle Secondary Schools	15,335	14,494	29,829	906	187	1,093
Higher Secondary Schools	7,861	7,102	14,963	459	224	683
Pvt.Higher Secondary Schools	1,887	1,836	3,723	96	73	169
Sub-Total	77,911	74,283	152,194	4,757	615	5,372
Institutes						
Sherubtse College	699	346	1,045	35	46	81
Institute for Language & Cultural Studies	177	143	320	27	1	28
Samtse College of Education, Samtse	359	187	546	43	4	47
Paro College of Education, Paro	428	275	703	45	2	47
Jigme Namgyal Polytechnic, Desathang	198	52	250	20	2	22
College of Science and Technology, Rinchending	248	66	314	24	15	39
Royal Institute of Health Sciences	107	104	211	22	2	24
National Institute of Traditional Medicine	22	1	23	6	0	6
College of Natural Resources, Lobesa	121	17	138	27	0	27
Royal Institute of Management	174	96	270	30	3	33
National Institute for the Disabled	34	15	49	11	1	12
Jigmecholling Sanskrit Pathshala	25	2	27	1	0	1
Dhoban Sanskrit Pathshala	33	-	33	1	0	1
Vocational Training Institute, Construction	152	120	272	10	0	10
Vocational Training Institute, Khuruthang	100	47	147	16	0	16
Vocational Training Institute, Rangjung	61	20	81	13	0	13
Vocational Training Institute, Samthang	118	3	121	17	0	17
National Institutes for Zorig Chusum	81	55	136	22	0	22
Trashiyangtse Institute for Zorig Chusum	31	22	53	11	0	11
Sub-Total	3,168	1,571	4,739	381	76	457
Early Childhood Care (Day Care Centres)	107	108	215	18	1	19
Non-Formal Education Programme	4,692	10,002	14,694	762	0	762
Total	85,878	85,964	171,842	5,918	692	6,610

Source: Policy & Planning Division, MoE, Thimphu.

TABLE 3.4: NUMBER OF EDUCATIONAL FACILITIES BY TYPE AND DZONGKHAG, 2007

Dzongkhag	CPS	PS	LSS	MSS	HSS	Pvt.	DCC	Total
Bumthang	13	0	3	1	1	1	0	19
Chhukha	16	4	7	5	2	2	1	37
Dagana	14	2	2	2	0	0	0	20
Gasa	2	0	1	1	0	0	0	4
Ha	3	3	3	0	1	0	0	10
Lhuentse	13	8	2	1	1	0	0	25
Monggar	30	8	5	2	2	0	0	47
Paro	3	3	8	2	2	5	0	23
Pemagatshel	18	4	6	1	1	0	0	30
Punakha	8	2	3	1	1	1	0	16
Samdrupjongkhar	9	4	6	3	0	1	0	23
Samtse	7	3	2	4	1	0	0	17
Sarpang	8	1	5	1	1	2	0	18
Thimphu	7	7	9	4	2	12	5	46
Trashigang	34	12	9	3	2	0	0	60
Trashiyangtse	19	2	5	1	1	0	0	28
Trongsa	14	3	3	1	1	0	0	22
Tsirang	5	2	2	1	1	0	0	11
Wangdue	13	5	3	2	1	0	0	24
Zhemgang	13	10	3	1	1	0	0	28
Bhutan	249	83	87	37	22	24	6	508

Source: Policy & Planning Division, MoE, Thimphu.

TABLE 3.5: NUMBER OF TEACHERS IN EDUCATIONAL INSTITUTIONS BY NATIONALITY, BHUTAN, 2003 TO 2007

Institution	2003			2004			2005			2006			2007		
	Bht	N/Bht	Total	Bht	N/Bht	Total	Bht	N/Bht	Total	Bht	N/Bht	Total	Bht	N/Bht	Total
Schools	3,317	696	4,013	3,719	772	4,491	3,992	641	4,633	4,361	614	4,988	4,786	617	5,403
Day Care Centres	0	0	0	0	0	0	19	0	19	..	..	13	18	1	19
Community Primary Schools	586	6	592	704	3	707	782	4	786	850	2	852	893	3	896
Primary Schools	679	22	701	734	18	752	757	10	767	780	10	790	745	6	751
Lower Secondary Schools	1,178	210	1,388	1,281	180	1,461	1,320	157	1,477	1,506	137	1,643	1,501	103	1,604
Middle Secondary Schools	426	197	623	515	214	729	539	182	721	588	160	748	906	187	1,093
Higher Secondary Schools	287	179	466	280	160	440	355	196	551	388	208	596	459	224	683
Private Schools	154	81	235	196	196	392	211	91	302	238	96	334	253	92	345
National Institute for the Disabled (NID)	7	1	8	9	1	10	9	1	10	11	1	12	11	1	12
Specialised/Professional Institutes	446	237	683	756	74	830	1,073	87	1,160	948	75	1,136	1,132	75	1,207
Sherubtse College	23	39	62	26	44	70	39	20	59	35	46	81	35	46	81
Paro College of Education	25	7	32	51	1	52	11	0	11	45	2	47	45	2	47
Samtse College of Education	51	3	54	31	6	37	8	1	9	43	4	47	43	4	47
Institute of Language and Cultural Studies	22	2	24	22	2	24	37	4	41	27	1	28	27	1	28
Royal Institute of Health and Sciences	..	..	..	..	..	..	1	0	1	22	2	24	22	2	24
National Institute of Traditional Medicine	..	..	..	..	..	..	1	0	1	6	0	6	6	0	6
Jigme Namgyel Polytechnic	..	..	..	..	..	..	..	..	..	20	2	22	20	2	22
College of Natural Resources	..	..	..	..	..	..	31	43	74	27	0	27	27	0	27
Royal Institute of Management	..	..	..	..	..	..	9	1	10	30	3	33	30	3	33
College of Science and Technology	39	20	59	39	20	59	66	9	75	24	15	39	24	15	39
Dhoban Sanskrit Patshala	1	0	1	1	0	1	26	1	27	..	..	1	1	0	1
Jigmechooling Sanskrit Patshala	1	0	1	1	0	1	24	2	26	..	..	1	1	0	1
Vocational Training Institute (Construction)	..	..	..	9	0	9	16	0	16	..	..	22	10	0	10
Vocational Training Institute (Khuruthang)	..	..	..	8	1	9	11	0	11	..	..	10	16	0	16
Vocational Training Institute (Rangjung)	..	..	..	8	0	8	77	3	80	..	..	17	13	0	13
Vocational Training Institute (Samthang)	..	..	..	12	0	12	64	0	64	..	..	12	17	0	17
National Institute for Zorig Chusum	10	1	11	22	0	22	39	3	42	..	..	26	22	0	22
Tashiayangtse Institute for Zorig Chusum	11	0	11	7	0	7	11	0	11	..	..	11	11	0	11
Non Formal Education Programme	263	165	428	519	0	519	583	0	583	669	..	669	762	0	762
Bhutan	3,763	933	4,696	4,475	846	5,321	5,065	728	5,793	5,309	689	6,124	5,918	692	6,610

Source: Policy & Planning Division, MoE, Thimphu.

**TABLE 3.6: NUMBER OF EDUCATIONAL FACILITIES AND STUDENTS
BY DZONGKHAG, 2007**

Dzongkhag	Educational facilities	Student		Total
		Boys	Girls	
Bumthang	19	2067	2127	4194
Chhukha	36	7862	7536	15398
Dagana	20	2521	2399	4920
Gasa	4	278	246	524
Ha	10	1528	1419	2947
Lhuentse	25	2045	1839	3884
Monggar	47	4779	4205	8984
Paro	23	4517	4697	9214
Pemagatshel	30	3559	2964	6523
Punakha	16	2578	2787	5365
Samdrupjongkhar	23	3968	3621	7589
Samtse	17	6062	5313	11375
Sarpang	18	4671	4382	9053
Thimphu	41	11785	12206	23991
Trashigang	60	6592	5901	12493
Trashiyangtse	28	2616	2413	5029
Trongsa	22	1779	1813	3592
Tsirang	11	2288	2062	4350
Wangdue	24	3676	3742	7418
Zhemgang	28	2812	2539	5351
Bhutan	502	77983	74211	152194

Source: Policy & Planning Division, MoE, Thimphu.

Note: In the above table, Institutes, NFE centres and Day Care Centres are excluded

TABLE 3.7: NUMBER OF ENROLMENT IN EDUCATIONAL INSTITUTIONS, 2003 TO 2007

Institutions	2003	2004	2005	2006	2007
Schools	129,160	135,988	141,388	146,524	152,194
Community Primary Schools	22,502	24,533	26,965	29,132	28,953
Primary Schools	26,168	26,508	25,879	25,745	23,585
Lower Secondary Schools	46,856	48,089	48,995	50,576	48,716
Middle Secondary Schools	17,735	20,775	20,641	21,236	29,829
Higher Secondary Schools	11,268	10,865	13,145	14,414	14,963
Private Schools	4,631	5,218	5,763	5,421	6,148
Other institutions	3,251	3,381	4,429	4,433	4,739
Sherubtse College	828	939	465	1,014	1,045
Paro College of Education	656	637	69	744	703
Samtse College of Education	344	489	72	483	546
Institute of Language and Culutral Studies	225	261	779	272	320
College of Science and Technology	429	390	487	446	314
Jigme Namgyal Polytechnic, Desathang	..	..	..	..	250
Royal Institute of Health Sciences	..	..	34	197	211
National Institute of Traditional Medicines	..	..	26	28	23
College of Natural Resources	..	..	1,157	142	138
Royal Institute of Management	..	..	42	227	270
National Institue of Zorig Chusum, Kawajangsa	122	149	187	172	136
Trashiyangtse Institue of Zorigchusum	52	54	28	59	53
National Institute for the Disabled (NID)	35	38	82	41	49
Dhoban Sanskrit patsala	13	26	48	33	33
Jigmecholing (Surey) Sanskrit patshala	30	26	272	27	27
Vocational Training Institue, Samthang	99	68	215	81	121
Vocational Training Institute, Construction		165	137	254	272
Vocational Training Institute, Khuruthang		28	60	133	147
Vocational Training Instituite, Rangjung		111	269	80	81
Non-formal Education Centres	12,838	15,866	16,642	18,550	14,694
Day Care Centres		..	86	269	215
Total	145,249	155,235	162,545	169,776	171,842

Source: Policy & Planning Division, MoE, Thimphu.

TABLE 3.8: NUMBER OF STUDENTS IN HIGH SCHOOLS AND BELOW BY DZONGKHAG AND TYPE OF SCHOOL, 2007

Dzongkhag	Private school			Community school			Primary school		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Bumthang	69	76	145	712	747	1,459	0	0	0
Chhukha	332	281	613	1,106	1,065	2,171	469	410	879
Dagana	0	0	0	1,380	1,293	2,673	227	231	458
Gasa	0	0	0	109	56	165	0	0	0
Ha	0	0	0	49	72	121	333	306	639
Lhuentse	0	0	0	490	440	930	723	754	1,477
Monggar	0	0	0	1,467	1,330	2,797	752	657	1,409
Paro	351	315	666	113	123	236	661	602	1,263
Pemagatshel	0	0	0	919	855	1,774	230	208	438
Punakha	393	333	726	411	412	823	364	380	744
Samtse	0	0	0	1,249	1,009	2,258	765	576	1,341
Samdrupjongkhar	26	16	42	712	656	1,368	597	550	1,147
Sarpang (a)	101	98	199	1,063	983	2,046	444	454	898
Thimphu	1,892	1,865	3,757	433	425	858	2,715	2,726	5,441
Trashigang	0	0	0	1,733	1,530	3,263	1,254	1,140	2,394
Trashiyangtse	0	0	0	850	827	1,677	131	136	267
Trongsa	0	0	0	592	561	1,153	415	416	831
Tsirang	0	0	0	294	245	539	327	315	642
Wangdue	0	0	0	732	801	1,533	990	980	1,970
Zhemgang	0	0	0	564	545	1,109	703	644	1,347
Bhutan	3,164	2,984	6,148	14,978	13,975	28,953	12,100	11,485	23,585

Source: Policy & Planning Division, MoE, Thimphu.

TABLE 3.8 (contd.): NUMBER OF STUDENTS IN HIGH SCHOOLS AND BELOW BY DZONGKHAG AND TYPE OF SCHOOL, 2007

Dzongkhag	Lower secondary			Middle secondary			Higher secondary			All school		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Bumthang	689	723	1,412	320	307	627	277	274	551	2,067	2,127	4,194
Chhukha	2,471	2,314	4,785	2,809	2,745	5,554	675	721	1,396	7,862	7,536	15,398
Dagana	476	433	909	438	442	880	0	0	0	2,521	2,399	4,920
Gasa	80	92	172	89	98	187	0	0	0	278	246	524
Ha	708	734	1,442	0	0	0	366	379	745	1,456	1,491	2,947
Lhuentse	279	287	566	278	180	458	275	178	453	2,045	1,839	3,884
Mongar	1,065	1,048	2,113	704	571	1,275	791	599	1,390	4,779	4,205	8,984
Paro	2,168	2,391	4,559	549	609	1,158	675	657	1,332	4,517	4,697	9,214
Pemagatshel	1,283	1,110	2,393	798	600	1,398	329	191	520	3,559	2,964	6,523
Punakha	512	645	1,157	540	630	1,170	358	387	745	2,578	2,787	5,365
Samtse	936	936	1,872	2,793	2,485	5,278	319	307	626	6,062	5,313	11,375
Samdrup jongkhar	1,548	1,309	2,857	1,085	1,090	2,175	0	0	0	3,968	3,621	7,589
Sarpang (a)	2,327	2,192	4,519	463	398	861	273	257	530	4,671	4,382	9,053
Thimphu	3,654	3,777	7,431	1,918	2,054	3,972	1,173	1,359	2,532	11,785	12,20	23,991
Trashigang	1,939	1,888	3,827	915	819	1,734	751	524	1,275	6,592	5,901	12,493
Trashiyangtse	987	965	1,952	364	270	634	284	215	499	2,616	2,413	5,029
Trongsa	389	469	858	157	151	308	226	216	442	1,779	1,813	3,592
Tsirang	960	908	1,868	342	336	678	365	258	623	2,288	2,062	4,350
Wangdue	1,150	1,223	2,373	536	513	1,049	268	225	493	3,676	3,742	7,418
Zhemgang	852	799	1,651	237	196	433	456	355	811	2,812	2,539	5,351
Bhutan	24,473	24,243	48,716	15,335	14,494	29,829	7,861	7,102	14,963	77,911	74,283	152,194

Source: Policy & Planning Division, MoE, Thimphu.

TABLE 3.9: NUMBER OF STUDENTS BY GRADE AND TYPE OF SCHOOL, BHUTAN, 2007

Grade	Private			Community Pry			Primary			Lower Secondary		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Pre primary	461	426	887	2,800	2,614	5,414	1,740	1,687	3,427	2,380	2,259	4,639
I	238	212	450	2,822	2,540	5,362	1,944	1,740	3,684	2,725	2,565	5,290
II	200	171	371	2,327	2,205	4,532	1,787	1,624	3,411	2,683	2,528	5,211
III	127	97	224	2,156	2,056	4,212	1,792	1,772	3,564	2,541	2,584	5,125
IV	85	103	188	2,041	1,925	3,966	1,830	1,776	3,606	2,507	2,502	5,009
V	95	77	172	1,664	1,495	3,159	1,554	1,539	3,093	2,490	2,587	5,077
VI	52	50	102	1,168	1,140	2,308	1,453	1,347	2,800	2,298	2,507	4,805
VII	19	12	31	N.A	N.A	N.A	N.A	N.A	N.A	3,782	3,755	7,537
VIII	0	0	0	N.A	N.A	N.A	N.A	N.A	N.A	3,067	2,956	6,023
IX	12	3	15	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
X	30	27	57	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
XI	972	942	1,914	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
XII	873	864	1,737	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Bhutan	3,164	2,984	6,148	14,978	13,975	28,953	12,100	11,485	23,585	24,473	24,243	48,716

Source: Policy & Planning Division, MoE, Thimphu.

TABLE 3.9 (contd.): NUMBER OF STUDENTS BY GRADE AND TYPE OF SCHOOL, BHUTAN, 2007

Grade	Middle Secondary			HigherSecondary		
	Boys	Girls	Total	Boys	Girls	Total
Pre-primary	1,011	1,014	2,025	N.A	N.A	N.A
I	1,094	985	2,079	N.A	N.A	N.A
II	1,063	949	2,012	N.A	N.A	N.A
III	1,156	1,105	2,261	N.A	N.A	N.A
IV	1,085	1,045	2,130	N.A	N.A	N.A
V	916	1,033	1,949	N.A	N.A	N.A
VI	975	948	1,923	N.A	N.A	N.A
VII	1,882	1,889	3,771	243	305	548
VIII	1,754	1,753	3,507	350	337	687
IX	2,525	2,215	4,740	2,014	2,347	4,361
X	1,874	1,558	3,432	2,112	2,090	4,202
XI	N.A	N.A	N.A	1,571	1,096	2,667
XII	N.A	N.A	N.A	1,571	927	2,498
Bhutan	15,335	14,494	29,829	7,861	7,102	14,963

Source: Policy & Planning Division, MoE, Thimphu.

TABLE 3.10: NUMBER OF STUDENTS BY GRADE, 2003 TO 2007

Grade	2003	2004	2005	2006	2007
Primary grade	93,841	97,323	99,874	102,225	104,467
Nursery	..	..	416	..	..
Pre-primary	15,977	16,636	15,518	16,869	16,392
I	15,517	15,925	16,455	15,546	16,865
II	14,268	15,081	15,633	16,109	15,537
III	13,616	13,643	14,415	14,772	15,386
IV	12,939	13,805	13,750	14,591	14,899
V	11,251	11,756	12,635	12,618	13,450
VI	10,273	10,477	11,052	11,720	11,938
Lower Secondary grade	16,207	17,619	19,647	20,482	22,104
VII	9,093	10,036	10,686	11,214	11,887
VIII	7,114	7,583	8,961	9,268	10,217
Middle Secondary grade	12,537	13,829	14,183	15,715	16,807
IX	7,241	7,544	7,732	8,859	9,116
X	5,296	6,285	6,451	6,856	7,691
Higher Secondary school	5,804	6,691	7,684	8,102	8,816
XI	2,991	3,610	3,997	4,234	4,581
XII	2,813	3,081	3,687	3,868	4,235
Bhutan	122,585	135,462	141,388	146,524	152,194

Source: Policy & Planning Division, MoE, Thimphu.

TABLE 3.11: NUMBER OF STUDENTS ENROLED,PROMOTEES,REPEATERS AND DROPOUTS BY GRADE, BHUTAN, 2007

Details	Enrolment	Promotees	Repeaters	Dropouts
PP	16,392	15,694	1,127	21
I	16,865	14,242	1,171	127
II	15,537	14,425	1,295	389
III	15,386	13,693	961	118
IV	14,899	12,785	1,206	600
V	13,450	11,474	665	479
VI	11,938	11,014	464	242
VII	11,887	9,760	873	581
VIII	10,217	8,574	457	237
IX	9,116	7,619	542	257
X*	7,691	4,601	72	0
Bhutan	143,378	123,881	8,833	3,051

Source: Policy & Planning Division, MoE, Thimphu.

Note: Promotees and dropout figures are imputations

* The students who leave school after Class X are school leavers and not drop-outs.

TABLE 4.1; EMPLOYMENT IN CIVIL SERVICE, BHUTAN 2003 TO 2007

Ministry/Division	2003*	2004	2005	2006	2007
All Ministries	14,224	14,879	15,887	16,853	16,955
Ministry of Agriculture	2,493	2,410	3,150	3,243	3,036
Ministry of Education	5,112	5,225	5,507	5,956	6,272
Ministry of Finance	664	645	1,216	1,293	1,308
Ministry of Foreign Affairs	121	127	113	121	116
Ministry of Information & Communication	287	311	323	338	303
Ministry of Health	1,954	2,061	2,216	2,328	2,374
Ministry of Home & Cultural Affairs	1,764	2,159	1,092	1,106	1,092
Ministry of Labour & Human Resources	221	204	212	247	253
Ministry of Trade & Industries	468	509	508	554	570
Ministry of Works & Human Settlement	1,140	1,228	1,550	1,667	1,631
Other Non-Ministerial Organizations	727	1,112	1,203	1,497	1,852
His Majesty 4th King's Secretariat	33	32	33	35	29
His Majesty 5th King's Secretariat	..	..	..	7	11
Dratshang Lhentshog	28	27	25	29	26
National Assembly	22	23	21	25	25
Royal Advisory Council	15	14	14	14	13
Cabinet Secretariat	7	9	10	12	12
Election Commission	..	..	..	94	93
Royal Civil Service Commission	39	47	49	54	56
Royal Court of Justice	296	295	289	315	314
Centre for Bhutan Studies	11	14	15	19	21
Bhutan Olympic Committee	9	10	9	8	6
Office of Attorney General	13	17	21	21	21
Anti-Corruption Commission	..	..	..	18	23
Planning Commission Secretariat	..	..	..	48	91
National Environment Commission	37	40	38	42	55
Royal Institute of Management	71	69	59	58	58
Royal Audit Authority	141	152	161	170	178
Royal University of Bhutan	5	329	414	463	470
National Commission for Women & Children	..	..	4	5	6
Bhutan Narcotic Control Agency	..	..	..	2	4
National Statistical Bureau	..	34	41	57	56
National Steering Committee for Coronation and *..	..	..	..	1	2
Centenary Celebration					
National Land Commission *	n.a.	n.a.	n.a.	n.a.	244
Bhutan Infocomm & Media Authority *	n.a.	n.a.	n.a.	n.a.	16
Dzongkha Development Commission *	n.a.	n.a.	n.a.	n.a.	22
All Civil Servants	14,951	15,991	17,090	18,350	18,807
Includes Seconded to: Corporations, Internationals Org. & NGO's	46	46	72	..	71

Source: Royal Civil Servic Commission

Note: * Till Sept 2003.

*organizations added in 2007

TABLE 4.2: POPULATION 15 YEARS AND OVER BY ACTIVITY STATUS, PARTICIPATION RATES AND UNEMPLOYMENT RATES BY SEX AND AREA, 2007

Area/Sex	Activity Status				Labour force participation rate	Unemployment rate
	Employed	Unemployed	Not Active	Total		
Urban	60,400	4,400	45,700	110,600	58.6 (0.77)	6.8 (0.44)
Male	39,000	2,200	12,500	53,700	76.8 (0.87)	5.3 (0.45)
Female	21,400	2,200	33,300	56,900	41.5 (1.28)	9.5 (0.48)
Rural	213,700	6,200	92,600	312,500	70.4 (0.44)	2.8 (0.18)
Male	107,700	3,200	39,700	150,600	73.6 (0.50)	2.9 (0.22)
Female	106,000	3,000	52,800	161,800	67.3 (0.63)	2.7 (0.22)
Bhutan	274,100	10,600	138,300	423,000	67.3 (0.40)	3.7 (0.18)
Male	146,700	5,400	52,200	204,300	74.4 (0.43)	3.5 (0.20)
Female	127,400	5,200	86,100	218,700	60.6 (0.63)	3.9 (0.25)

Source: Bhutan Living Standard Survey 2007, NSB

Note: Figures rounded off to nearest hundred; totals may not add up due to rounding.

Figures in parentheses are the standard errors of the estimates.

TABLE 4.3: POPULATION 15 YEARS AND OVER BY AGE-SEX SPECIFIC ACTIVITY STATUS AND LABOUR FORCE PARTICIPATION RATES AND UNEMPLOYMENT RATES, BHUTAN, 2007

Age/Sex	Activity Status				Labour force participation rate	Unemployment Rate
	Employed	Unemployed	Not Active	Total		
Male	146,800	5,300	52,200	204,300	74.4	3.5
15-24	26,100	3,100	31,300	60,500	48.3	10.7
25-34	39,700	900	3,600	44,200	91.9	2.3
35-44	31,500	400	1,700	33,600	94.8	1.3
45-54	25,800	500	2,100	28,400	92.5	2.0
55-64	16,400	300	3,500	20,200	82.8	1.6
65+	7,300	100	10,000	17,400	42.7	1.8
Female	127,300	5,200	86,100	218,600	60.6	3.9
15-24	31,300	3,200	35,900	70,400	49.1	9.3
25-34	34,200	900	15,000	50,100	70.1	2.5
35-44	25,400	500	9,100	35,000	74.0	1.9
45-54	21,200	300	7,100	28,600	75.2	1.5
55-64	10,900	200	6,900	18,000	61.7	1.7
65+	4,300	100	12,100	16,500	26.4	2.3
Bhutan	274,100	10,500	138,300	422,900	63.7	3.7
15-24	57,400	6,300	67,200	130,900	48.7	9.9
25-34	73,900	1,800	18,600	94,300	80.3	2.4
35-44	56,900	900	10,800	68,600	84.2	1.6
45-54	47,000	800	9,200	57,000	83.8	1.8
55-64	27,300	500	10,400	38,200	72.8	1.7
65+	11,600	200	22,100	33,900	34.8	2.0

Source: Bhutan Living Standard Survey 2007, NSB

Note: Figures rounded off to nearest hundreds; totals may not add up due to rounding.

**TABLE 4.4: LABOUR FORCE PARTICIPATION AND UNEMPLOYMENT RATES BY
DZONGKHAG AND BY SEX, 2007**

Dzongkhag	Labour Force Participation			Unemployment		
	Male	Female	Both Sexes	Male	Female	Both Sexes
Bumthang	65.91 (1.81)	62.94 (2.91)	64.33 (1.56)	4.62 (1.37)	3.60 (1.34)	4.09 (1.06)
Chhukha	76.51 (1.30)	50.26 (1.62)	63.39 (1.08)	2.46 (0.49)	4.38 (0.85)	3.22 (0.50)
Dagana	84.87 (1.43)	73.44 (2.51)	78.70 (1.57)	1.39 (0.59)	0.26 (0.26)	0.82 (0.32)
Gasa	76.05 (2.73)	79.54 (2.16)	77.81 (1.74)	2.36 (1.61)	-	1.14 (0.79)
Haa	75.23 (2.87)	66.96 (2.99)	71.23 (2.30)	4.87 (1.67)	2.36 (1.21)	3.73 (1.18)
Lhuntse	73.70 (2.90)	72.21 (2.80)	72.89 (2.36)	17.35 (3.17)	14.54 (3.09)	15.84 (2.78)
Mongar	78.04 (1.45)	80.85 (1.52)	79.57 (1.19)	1.03 (0.36)	0.94 (0.36)	0.98 (0.29)
Paro	68.30 (1.74)	58.74 (2.06)	63.06 (1.39)	3.65 (0.74)	3.30 (0.74)	3.47 (0.54)
Pemagatshel	68.41 (1.99)	72.63 (2.06)	70.61 (1.51)	3.72 (0.93)	2.14 (0.67)	2.88 (0.70)
Punakha	67.81 (1.92)	65.00 (2.45)	66.35 (1.59)	3.94 (0.96)	4.15 (1.15)	4.05 (0.87)
Samdupjongkhar	71.30 (2.09)	65.03 (1.96)	68.21 (1.56)	3.81 (0.91)	5.19 (1.13)	4.46 (0.75)
Samtse	79.55 (1.30)	44.48 (2.41)	62.22 (1.47)	3.46 (0.69)	3.81 (1.08)	3.58 (0.65)
Sarpang	79.67 (1.49)	58.59 (2.69)	68.67 (1.74)	2.22 (0.56)	2.28 (0.79)	2.25 (0.51)
Thimphu	76.17 (1.45)	43.58 (2.09)	59.39 (1.39)	5.85 (0.67)	11.18 (1.17)	7.86 (0.63)
Trashigang	75.80 (1.42)	70.97 (2.02)	73.28 (1.32)	1.95 (0.53)	1.36 (0.43)	1.65 (0.41)
Trashiyangtse	67.74 (2.32)	61.03 (2.01)	64.33 (1.46)	4.66 (1.42)	9.68 (2.43)	7.08 (1.72)
Trongsa	68.40 (2.39)	65.41 (2.30)	66.86 (1.56)	1.77 (0.95)	0.67 (0.67)	1.22 (0.74)
Tsirang	82.73 (1.77)	80.46 (2.13)	81.57 (1.74)	1.43 (0.71)	0.70 (0.52)	1.06 (0.55)
Wangdue	66.93 (1.95)	66.64 (2.65)	66.78 (1.60)	2.53 (1.15)	1.19 (0.46)	1.84 (0.71)
Zhemgang	69.60 (2.99)	66.93 (2.66)	68.20 (2.31)	2.27 (0.89)	3.68 (0.94)	2.99 (0.67)
Bhutan	74.45 (0.43)	60.63 (0.63)	67.30 (0.40)	3.55 (0.20)	3.95 (0.25)	3.74 (0.18)

Source: Bhutan Living Standard Survey 2007, NSB

Note: “-” indicates a sample estimate less than 100 persons.

Figures in parantheses are the standard errors of the estimates.

TABLE 4.5: DISTRIBUTION OF EMPLOYED PERSONS BY MAJOR SECTOR, SEX AND AREA (PERCENT), 2007

Area/Sex	Main Sector of Employment					Total
	Agriculture	Industry	Services	Others	Total	Number
Urban	6.9	42	48.2	2.9	100	60,400
Male	2.3	24	37.5	1	100	39,000
Female	13.2	51.1	30.2	5.5	100	21,400
Rural	83.5	6.8	7.4	2.2	100	213,600
Male	76.9	8.3	11.9	2.8	100	107,700
Female	90.3	5.3	2.9	1.6	100	106,000
Bhutan	66.6	14.6	16.4	2.4	100	274,100
Male	57.4	16	24.2	2.5	100	146,700
Female	77.3	13	7.4	2.3	100	127,300

Source: Bhutan Living Standard Survey 2007, NSB

Note: Figures rounded off to nearest hundreds, totals may not add up due to rounding.

TABLE 4.6: DISTRIBUTION OF EMPLOYED PERSONS BY STATUS IN MAIN OCCUPATION BY AREA AND SEX, 2007

Status	Urban			Rural			Bhutan		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Regular paid employee	29,300	8,600	37,900	14,500	3,500	18,000	43,800	12,100	55,900
Casual paid employee	1,800	900	2,700	6,900	1,800	8,800	8,700	2,800	11,500
Unpaid Family Worker	1,500	4,200	5,700	52,300	76,600	128,900	53,800	80,800	134,500
Own account worker	6,300	7,500	13,800	33,400	23,500	56,900	39,700	31,000	70,700
Employer	100	100	200	200	100	300	300	200	500
Other and Unspecified	100	100	100	300	400	800	400	500	900
All	39,000	21,400	60,400	107,700	106,000	213,600	146,700	127,300	274,100

Source: Bhutan Living Standard Survey 2007, NSB

Note: Figures rounded off to nearest hundreds, totals may not add up due to rounding.

Table 4.7: DISTRIBUTION OF UNEMPLOYED PERSONS BY REASON OF UNEMPLOYMENT BY AGE AND SEX, BHUTAN (PERCENT), 2007

Sex/Age	Looking for job	Disability	No work	Believed no work	waiting	Personal Problem	Age factors & others	Total	TotalNumber ofUnemployed
Male	4	8.9	4.2	0.7	1.6	51.8	28.8	100	5,400
15-24	4.9	1.6	2.4	0.7	2.1	80.2	8.2	100	3,100
25-34	11.1	12.4	15.4	1.7	3.3	29.5	26.8	100	900
35-44	3.7	34.2	16.3	1.5	2.2	15.6	26.6	100	400
45-54	3.9	37	17.3	1.6	..	13.2	27.1	100	500
55-64	1.8	34.3	4.5	1.3	0.4	4.7	53	100	300
65+	-	10.6	1.2		0.1	2.2	85.8	100	100
Female	2.4	8.5	2.5	0.9	0.7	65.9	19.3	100	5,200
15-24	4.2	3.4	2.4	1.3	1.4	83	4.3	100	3,200
25-34	2.2	8.1	2.6	1.3	0.3	81.2	4.3	100	900
35-44	1.1	11.8	4	0.8	-	78.4	4	100	500
45-54	0.9	21.1	3.7	0.2	-	61.4	12.7	100	300
55-64	0.4	20.3	2.2	0.2	-	31.9	45.1	100	200
65+	-	7.4	0.8	-	-	7.2	84.6	100	100
Both Sexes	3	8.6	3.1	0.8	1	60.6	22.8	100	10,600
15-24	4.5	2.6	2.4	1	1.8	81.7	6.1	100	6,300
25-34	3.7	8.8	4.7	1.3	0.8	72.6	8.1	100	1,800
35-44	1.5	15.2	5.9	0.9	0.3	68.7	7.5	100	900
45-54	1.6	25.1	7.2	0.5	-	49.2	16.4	100	900
55-64	0.9	25.1	3	0.6	0.1	22.6	47.8	100	500
65+	-	8.9	1	-	0.1	4.9	85.2	100	200

Source: Bhutan Living Standard Survey 2007, NSB

Note: Figures rounded off to nearest hundreds, totals may not add up due to rounding.

“-” indicates a sample estimate less than 100 persons

TABLE 5.1: LAND-USE AND VEGETATION TYPES AS PERCENTAGE OF TOTAL AREA, BHUTAN, 1995

Land-use and vegetation types	Percent
Forests	72.5
Conifer forest	26.5
Fir	8.6
Mixed conifer	12.1
Blue pine	3.2
Chir pine	2.5
Broadleaf forest	37.7
Broadleaf + conifer	3.4
Broadleaf forest	34.3
Forest plantation	0.2
Conifer plantation	0.1
Broadleaf plantation	0.1
Scrub forest	8.1
Pasture	3.9
Natural pastures	3.9
Improved pastures	0.0
Agriculture	7.7
Wetland cultivation	1.0
Irrigated wetland	1.0
Rainfed wetland	0.0
Dryland cultivation	2.4
Terraced dryland	0.3
Unterraced dryland	2.2
Tseri (Shifting cultivation)	2.2
Mixed cultivated land	2.1
Horticulture	0.1
Orchards	0.1
Apple orchards	0.0
Citrus orchard	0.0
Horticulture plantations	0.1
Cardamom plantation	0.1
Arecanut plantation	0.0
Ginger plantation	0.0
Settlement	0.1
Others	15.7
Snow/glaciers	7.5
Rock outcrops	5.0
Water spreads	0.8
Marshy areas	0.1
Landslips/erosion	2.4
Total	100

Source: PPD, Ministry of Agriculture, Thimphu.

Note: Horticulture areas might be underestimated as they were too small to be mapped at a scale 1:50,000 and because they were under forest cover.

TABLE 5.2: PERCENTAGE OF AREA BY DZONGKHAG, BY TYPE OF LAND COVER, BHUTAN, 1995

(percent)

Dzongkhag	Forest	Pasture	Agriculture	Horticulture	Settlement	Others	Total area
Bumthang	4.5	0.6	0.1	0.0	0.0	1.6	6.8
Chhukha	3.9	0.1	0.4	0.0	0.0	0.1	4.5
Dagana	2.8	0.0	0.4	0.0	0.0	0.1	3.5
Gasa	3.6	0.6	0.0	0.0	0.0	6.8	11.0
Ha	3.4	0.3	0.1	0.0	0.0	0.5	4.3
Lhuentse	5.4	0.2	0.3	0.0	0.0	1.2	7.2
Monggar	4.3	0.0	0.5	0.0	0.0	0.0	4.9
Punakha	2.2	0.0	0.1	0.0	0.0	0.1	2.4
Paro	2.1	0.2	0.2	0.0	0.0	0.7	3.2
Pemagatshel	0.7	0.0	0.6	0.0	0.0	0.0	1.3
Samdrupjongkhar	4.5	0.0	1.1	0.0	0.0	0.2	5.8
Samtse	3.2	0.0	0.6	0.0	0.0	0.1	3.9
Sarpang	4.8	0.0	0.7	0.0	0.0	0.2	5.7
Thimphu	2.7	0.8	0.1	0.0	0.0	1.2	4.8
Trashigang	4.5	0.3	0.8	0.0	0.0	0.1	5.7
Trashiyangtse	2.7	0.1	0.3	0.0	0.0	0.4	3.6
Trongsa	3.9	0.2	0.3	0.0	0.0	0.1	4.5
Tsirang	1.2	0.0	0.3	0.0	0.0	0.0	1.6
Wangdue	7.4	0.4	0.2	0.0	0.0	2.1	10.0
Zhemgang	4.6	0.0	0.6	0.0	0.0	0.1	5.3
Bhutan	72.5	3.9	7.7	0.0	0.0	15.7	100

Source: PPD, Ministry of Agriculture, Thimphu.

TABLE 5.3: ALTITUDE ZONES OF DZONGKHAGS AS PERCENTAGE OF THEIR TOTAL AREA, BHUTAN, 1995

(Percent)

Dzongkhag	Altitude at Dzongkhag centre (metres)	Altitude zones (metres)						Total 0-3600
		0-600	600-1200	1200-1800	1800-2400	2400-3000	3000-3600	
Bumthang	2,690	0.0	0.0	0.0	0.4	10.6	26.2	37.2
Chhukha	2,220	7.7	17.2	20.8	20.4	18.7	11.8	96.6
Dagana	1,520	4.0	15.7	22.0	24.3	20.7	8.7	95.4
Gasa	3,695	0.0	0.0	0.1	0.9	2.5	4.8	8.3
Ha	2,712	0.0	0.8	3.6	7.3	16.1	24.0	51.8
Lhuentse	1,460	0.0	0.9	6.8	14.3	19.6	17.0	58.6
Monggar	1,620	3.1	17.9	27.1	23.3	16.0	11.2	98.6
Paro	2,280	0.0	0.0	0.0	6.3	25.3	24.8	56.4
Pemagatshel	1,200	7.9	39.0	39.7	13.2	0.2	0.0	100.0
Punakha	1,220	0.0	0.0	17.8	26.5	21.8	15.5	81.6
Samdrup jongkhar	160	25.6	27.6	23.1	14.4	6.5	2.4	99.6
Samtse	390	17.0	25.5	24.3	18.8	11.0	2.5	99.1
Sarpang	210	31.1	29.4	21.1	14.6	2.9	0.7	99.8
Thimphu	2,320	0.0	0.0	1.0	5.0	16.3	18.8	41.1
Trashigang	1,040	0.2	4.9	15.8	22.2	20.6	18.0	81.7
Trashiyangtse	1,830	0.0	2.3	6.7	16.5	23.4	18.8	67.7
Trongsa	2,180	0.0	2.9	10.4	19.5	28.8	21.2	82.8
Tsirang	1,620	7.3	31.4	30.1	19.8	7.6	3.2	99.4
Wangdue	1,260	0.1	3.0	9.0	13.5	17.8	19.2	62.6
Zhemgang	1,916	9.5	27.1	28.0	17.9	9.7	5.1	97.3

Contd...

TABLE 5.3 (Contd): ALTITUDE ZONES OF DZONGKHAGS AS PERCENTAGE OF THEIR TOTAL AREA, BHUTAN, 1995

(Percent)

Dzongkhag	Altitude zones (meters)							Total area (%)
	0-3600	3600-4200	4200-4800	4800-5400	5400-6000	6000-6600	> 6600	
Bumthang	37.2	25.7	18.4	16.3	2.2	0.2	0.0	100
Chhukha	96.6	3.1	0.1	0.0	0.1	0.0	0.0	100
Dagana	95.4	3.7	1.0	0.0	0.0	0.0	0.0	100
Gasa	8.3	11.2	21.9	28.6	21.1	7.4	1.4	100
Ha	51.8	27.9	17.6	2.6	0.1	0.0	0.0	100
Lhuentse	58.6	15.7	16.7	8.4	0.5	0.0	0.0	100
Monggar	98.6	1.5	0.0	0.0	0.0	0.0	0.0	100
Paro	56.4	18.6	21.3	3.5	0.1	0.0	0.0	100
Pemagatshel	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Punakha	81.6	12.6	5.7	0.1	0.0	0.0	0.0	100
Samdrupjongkhar	99.6	0.3	0.0	0.0	0.0	0.0	0.0	100
Samtse	99.1	0.7	0.0	0.0	0.1	0.0	0.0	100
Sarpang	99.8	0.2	0.0	0.0	0.0	0.0	0.0	100
Thimphu	41.1	18.6	27.3	10.9	1.4	0.5	0.1	100
Trashigang	81.7	16.0	2.3	0.0	0.0	0.0	0.0	100
Trashiyangtse	67.7	15.5	13.4	3.2	0.2	0.0	0.0	100
Trongsa	82.8	12.4	4.7	0.1	0.0	0.0	0.0	100
Tsirang	99.4	0.5	0.0	0.0	0.0	0.0	0.0	100
Wangdue	62.6	12.7	12.5	11.1	1.1	0.0	0.0	100
Zhemgang	97.3	2.1	0.5	0.0	0.0	0.0	0.0	100

Source: PPD, Ministry of Agriculture, Thimphu.

TABLE 5.4: PERCENTAGE OF TOTAL AREA OF BHUTAN BY DZONGKHAG BY ALTITUDE ZONES, 1995

(Percent)

Dzongkhag	Altitude zones (metres)							Total
	Area	0-600	600-1200	1200-1800	1800-2400	2400-3000	3000-3600	
Bumthang	6.8	0.0	0.0	0.0	0.0	0.7	1.8	2.5
Chhukha	4.5	0.3	0.8	0.9	0.9	0.8	0.5	4.3
Dagana	3.5	0.1	0.5	0.8	0.8	0.7	0.3	3.3
Gasa	11.0	0.0	0.0	0.0	0.1	0.3	0.5	0.9
Ha	4.3	0.0	0.0	0.2	0.3	0.7	1.0	2.2
Lhuentse	7.2	0.0	0.1	0.5	1.0	1.4	1.2	4.2
Monggar	4.9	0.2	0.9	1.3	1.1	0.8	0.5	4.8
Punakha	2.4	0.0	0.0	0.4	0.6	0.5	0.4	2.0
Paro	3.2	0.0	0.0	0.0	0.2	0.8	0.8	1.8
Pemagatshel	1.3	0.1	0.5	0.5	0.2	0.0	0.0	1.3
Samdrupjongkhar	5.8	1.5	1.6	1.3	0.8	0.4	0.1	5.7
Samtse	3.9	0.7	1.0	1.0	0.7	0.4	0.1	3.9
Sarpang	5.7	1.8	1.7	1.2	0.8	0.2	0.0	5.7
Thimphu	4.8	0.0	0.0	0.0	0.2	0.8	0.9	2.0
Trashigang	5.7	0.0	0.3	0.9	1.3	1.2	1.0	4.7
Trashiyangtse	3.6	0.0	0.1	0.2	0.6	0.8	0.7	2.4
Trongsa	4.5	0.0	0.1	0.5	0.9	1.3	1.0	3.7
Tsirang	1.6	0.1	0.5	0.5	0.3	0.1	0.1	1.6
Wangdue	10.1	0.0	0.3	0.9	1.4	1.8	1.9	6.3
Zhemgang	5.3	0.5	1.4	1.5	0.9	0.5	0.3	5.2
Bhutan	100	5.3	9.8	12.6	13.4	14.3	13.2	68.6

Contd...

TABLE 5.4 (contd.): PERCENTAGE OF TOTAL AREA OF BHUTAN BY DZONGKHAG BY ALTITUDE ZONES, 1995

(Percent)

Dzongkhag	Altitude zones (meters)								Total area(%)
	Area	0-3600	3600-4200	4200-4800	4800-5400	5400-6000	6000-6600	> 6600	
Bumthang	6.8	2.5	1.7	1.2	1.1	0.1	0.0	0.0	6.8
Chhukha	4.5	4.3	0.1	0.0	0.0	0.0	0.0	0.0	4.5
Dagana	3.5	3.3	0.1	0.0	0.0	0.0	0.0	0.0	3.5
Gasa	11.0	0.9	1.2	2.4	3.1	2.3	0.8	0.2	11.0
Ha	4.3	2.2	1.2	0.7	0.1	0.0	0.0	0.0	4.3
Lhuentse	7.2	4.2	1.1	1.2	0.6	0.0	0.0	0.0	7.2
Monggar	4.9	4.8	0.1	0.0	0.0	0.0	0.0	0.0	4.9
Punakha	2.4	2.0	0.3	0.1	0.0	0.0	0.0	0.0	2.4
Paro	3.2	1.8	0.6	0.7	0.1	0.0	0.0	0.0	3.2
Pemagatshel	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.3
Samdrupjongkhar	5.8	5.7	0.0	0.0	0.0	0.0	0.0	0.0	5.8
Samtse	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	3.9
Sarpang	5.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	5.7
Thimphu	4.8	2.0	0.9	1.3	0.5	0.1	0.0	0.0	4.8
Trashigang	5.7	4.7	0.9	0.1	0.0	0.0	0.0	0.0	5.7
Trashiyangtse	3.6	2.4	0.6	0.5	0.1	0.0	0.0	0.0	3.6
Trongsa	4.5	3.7	0.6	0.2	0.0	0.0	0.0	0.0	4.5
Tsirang	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.6
Wangdue	10.1	6.3	1.3	1.3	1.1	0.1	0.0	0.0	10.1
Zhemgang	5.3	5.2	0.1	0.0	0.0	0.0	0.0	0.0	5.3
Bhutan	100	68.6	10.9	9.9	6.8	2.7	0.9	0.2	100

Source: PPD, Ministry of Agriculture, Thimphu.

TABLE 5.5: AVERAGE TEMPERATURE (DEGREE CENTIGRADE) RECORDS FROM 1996 TO 2007

(Degree Celsius)

Dzongkhag	Temperature	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Bumthang	Max	11.0	12.4	14.9	17.2	19.5	21.7	22.4	22.4	21.0	18.1	15.1	12.7
	Min	-3.8	-1.2	1.8	5.7	9.4	12.8	14.3	14.3	12.2	6.8	1.6	-3.7
	Ave	3.6	5.6	8.4	11.4	14.5	17.2	18.3	18.4	16.6	12.4	8.4	4.6
Chhukha	Max	12.8	14.2	16.7	18.7	20.9	22.7	23.1	23.2	21.4	19.7	17.3	13.8
	Min	4.9	6.7	8.7	10.3	12.4	13.8	13.7	13.2	12.1	11.0	8.5	6.0
	Ave	8.9	10.5	12.7	14.5	16.6	18.3	18.4	18.2	16.8	15.3	12.9	9.9
Dagana	Max	11.0	12.2	16.1	19.7	22.0	23.1	23.0	23.0	22.3	19.9	15.8	13.1
	Min	6.1	6.9	10.6	13.5	15.7	17.4	17.9	17.8	16.9	15.0	11.0	8.0
	Ave	8.5	9.5	13.3	16.6	18.8	20.2	20.5	20.4	19.6	17.4	13.4	10.6
Gasa*	Max	9.0	9.7	12.8	15.8	18.3	20.3	22.2	22.1	20.4	18.3	13.6	11.3
	Min	0.6	1.1	3.7	7.5	10.3	12.4	13.3	12.6	12.6	10.5	4.4	0.0
	Ave	4.8	5.4	8.2	11.6	14.3	16.3	17.7	17.4	16.5	14.4	9.0	5.7
Ha Namjayling	Max	10.2	10.7	13.1	15.5	18.0	19.6	20.3	20.6	18.9	16.6	14.0	11.8
	Min	-4.3	-2.2	1.3	5.1	9.2	12.8	14.3	13.9	12.1	6.4	0.7	-3.4
	Ave	2.9	4.3	7.2	10.3	13.6	16.2	17.3	17.2	15.5	11.5	7.3	4.2
Lhuentse	Max	17.6	20.0	23.8	26.2	27.4	28.5	28.8	29.1	28.0	25.4	22.5	18.3
	Min	6.8	8.6	11.9	14.6	16.9	19.6	19.8	19.8	18.9	15.1	11.5	8.0
	Ave	12.2	14.3	17.8	20.4	22.1	24.0	24.3	24.5	23.4	20.3	17.0	13.1
Monggar	Max	16.2	18.5	21.6	24.0	25.8	26.6	26.8	27.8	26.7	24.5	20.8	17.7
	Min	6.0	7.7	11.0	13.5	15.7	17.9	18.4	18.2	17.0	13.7	9.9	7.0
	Ave	11.1	13.1	16.3	18.7	20.8	22.2	22.6	23.0	21.8	19.1	15.3	12.4
Punakha	Max	17.6	19.3	22.4	25.2	27.6	29.3	29.1	29.0	27.9	25.7	22.2	19.1
	Min	5.8	8.1	11.2	13.9	17.2	19.3	20.1	19.1	18.1	15.6	12.1	7.3
	Ave	11.7	13.7	16.8	19.5	22.4	24.3	24.6	24.0	23.0	20.7	17.1	13.2
Paro	Max	13.0	14.8	17.7	20.3	22.7	24.6	25.5	25.3	23.5	20.6	16.2	14.1
	Min	1.0	3.1	5.4	8.9	12.5	15.5	17.6	17.1	15.2	10.8	5.9	2.4
	Ave	7.0	9.0	11.6	14.6	17.6	20.1	21.5	21.2	19.3	15.7	11.1	8.2
Pemagatshel	Max	16.4	17.7	20.4	22.8	24.9	25.6	26.4	26.2	25.7	24.1	21.1	18.5
	Min	5.4	7.2	10.0	12.7	15.2	16.9	17.6	17.2	16.2	13.0	9.6	6.8
	Ave	10.9	12.4	15.2	17.8	20.0	21.2	22.0	21.7	20.9	18.5	15.3	12.7
Samdrup jongkhar	Max	20.8	22.4	25.3	26.1	27.7	28.4	28.7	29.4	28.5	28.0	25.9	23.0
	Min	9.5	11.4	14.3	16.4	18.7	20.5	21.1	21.2	20.1	16.0	14.1	11.1
	Ave	15.2	16.9	19.8	21.2	23.2	24.5	24.9	25.3	24.3	22.0	20.0	17.0

Contd...

**TABLE 5.5(contd.): AVERAGE TEMPERATURE (DEGREE CENTIGRADE) RECORDS
FROM 1996 TO 2007**

(Degree Celsius)

Dzongkhag	Temperature	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Samtse	Max	20.4	23.1	26.6	28.1	28.7	28.5	27.8	28.5	28.2	27.3	25.2	22.3
	Min	13.6	15.9	17.9	20.5	22.5	24.1	24.1	24.0	23.2	21.3	17.8	15.2
	Ave	17.0	19.5	22.3	24.3	25.6	26.3	25.9	26.2	25.7	24.3	21.5	18.8
Sarpang	Max	22.7	24.3	26.4	28.1	29.4	29.5	29.9	30.8	30.2	28.8	26.6	23.9
	Min	13.3	15.9	18.2	20.8	22.7	23.9	24.2	24.6	24.0	21.2	17.7	14.5
	Ave	18.0	20.1	22.3	24.4	26.1	26.7	27.0	27.7	27.1	25.0	22.2	19.2
Thimphu	Max	14.4	15.6	18.2	20.8	23.0	24.6	24.9	25.2	23.8	21.4	18.4	16.1
	Min	-3.2	-0.6	3.2	6.8	11.0	14.6	15.9	15.4	13.6	8.2	2.3	-2.2
	Ave	5.6	7.5	10.7	13.8	17.0	19.6	20.4	20.3	18.7	14.8	10.3	7.0
Trashigang	Max	13.6	15.4	18.7	21.0	22.8	23.7	24.2	24.7	23.9	21.8	18.3	15.4
	Min	2.6	4.5	7.3	10.4	13.4	16.1	16.9	16.7	15.4	11.3	7.3	3.9
	Ave	8.1	10.0	13.0	15.7	18.1	19.9	20.5	20.7	19.7	16.5	12.8	9.7
Tashiyangtse	Max	12.2	14.7	16.9	19.8	22.3	23.2	23.6	23.6	22.5	20.0	16.6	13.3
	Min	3.6	6.1	8.0	11.0	14.1	17.0	18.4	17.8	16.5	12.4	7.9	4.1
	Ave	7.9	10.4	12.5	15.4	18.2	20.1	21.0	20.7	19.5	16.2	12.2	8.7
Trongsa	Max	16.8	18.5	21.6	23.3	24.1	24.4	25.5	26.2	25.0	22.3	19.3	18.0
	Min	5.4	6.0	10.0	13.1	14.1	16.8	18.0	17.9	17.1	13.4	9.7	7.2
	Ave	11.1	12.2	15.8	18.2	19.1	20.6	21.7	22.0	21.1	17.9	14.5	12.6
Tsirang	Max	14.3	15.7	18.7	20.8	22.3	23.2	23.5	24.1	23.5	21.9	19.4	16.4
	Min	4.6	6.4	9.4	13.0	15.7	17.9	18.6	18.3	17.2	13.5	9.4	5.7
	Ave	9.4	11.1	14.1	16.9	19.0	20.6	21.1	21.2	20.4	17.7	14.4	11.0
Wangdue	Max	17.8	19.4	22.7	25.6	27.4	28.3	27.7	28.0	27.2	25.7	22.6	19.6
	Min	5.5	8.1	10.7	14.4	17.9	20.3	20.9	20.6	19.5	15.3	10.4	5.9
	Ave	11.7	13.7	16.7	20.0	22.6	24.3	24.3	24.3	23.4	20.5	16.5	12.8
Zhemgang	Max	12.5	13.8	16.7	19.1	20.9	22.4	22.8	23.0	22.1	20.0	17.0	14.0
	Min	4.8	6.6	10.0	13.1	15.6	17.7	18.2	18.1	16.8	13.5	9.7	6.2
	Ave	8.7	10.2	13.3	16.1	18.2	20.0	20.5	20.6	19.4	16.7	13.4	10.1

Source : Metrology Section, Hydro-mets Services Division, DoE,MTI,Thimphu.

Note: *Gasa- Data collected from 2003 to 2007

TABLE 5.6: TOTAL MONTHLY RAINFALL AT EXISTING STATIONS IN EACH DZONGKHAG, BHUTAN, 2007

(Millimeter)

Dzongkhag and station	Month												Total rain fall
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Bumthang													
Chamkhar (A)	2.0	31.0	23.1	67.5	44.6	114.6	177.2	123.9	107.3	46.9	0.0	0.0	738.1
Gyetsa (C)	0.2	22.3	11.0	72.9	46.4	119.6	210.8	157.2	129.8	49.4	3.2	1.0	823.8
Chhukha													
Chhukha	0.0	99.1	46.0	92.4	109.4	207.2	336.3	232.2	352.7	41.3	1.7	0.0	1,518.3
Gedu	0.0	175.7	59.6	271.4	266.0	446.0	1,303.5	262.0	583.0	190.2	20.0	1.0	3,578.4
Phuentsholing													
Tala	0.0	131.6	113.6	384.8	349.0	429.8	770.8	345.4	528.7	223.3	0.0	0.0	3,277.0
Dagana													
Dagana Dzong	..	79.9	21.9	31.6	58.2	149.8	340.9	..	333.3	49.5	..	0.0	1,065.1
Drujaygang	0.0	50.3	6.8	51.0	59.0	253.4	626.5	318.6	331.0	70.2	2.6	0.0	1,769.4
Sunkosh	0.0	43.4	30.4	50.4	44.0	239.1	415.0	276.8	299.6	59.6	5.2	0.0	1,463.5
Tashithang	..	..	..	..	..	..	..	..	..	..	..	..	..
Gasa													
Gasa Katey	14.3	49.2	35.3	66.3	34.2	39.2	96.0	50.0	40.5	49.0	21.0	0.0	495.0
Haa													
Haa Namjeyling	0.0	55.2	24.4	28.6	25.8	83.5	159.4	101.8	168.4	17.8	2.4	0.0	667.3
Lhuentse													
Khomachu	2.8	33.8	13.8	57.8	29.6	67.4	164.0	80.5	87.0	51.6	3.1	4.8	596.2
Autsho	0.4	76.4	36.6	25.4	17.4	113.0	157.4	118.8	123.0	79.8	1.8	2.4	752.4
Dungkhar	12.4	51.2	16.4	144.4	79.3	131.6	200.4	165.6	118.8	96.2	2.4	0.0	1,018.7
Tangmachu	6.0	67.4	30.0	65.1	15.1	101.3	193.5	87.3	127.6	75.5	2.7	2.5	774.0
Monggar													
Monggar (A)	0.0	82.3	26.6	85.2	44.0	111.6	236.4	131.2	194.4	105.8	3.2	2.8	1,023.5
Lingmithang	3.0	72.2	20.0	46.0	27.8	96.8	205.8	126.6	179.8	99.4	6.0	0.0	883.4
Yadi	0.0	78.7	22.0	42.8	56.6	149.4	274.3	154.0	192.4	132.1	7.5	0.0	1,109.8
Paro													
Paro (DSC)	0.0	48.7	16.5	14.7	32.2	50.0	118.8	60.0	109.6	5.6	0.0	0.0	456.1
Betikha	0.0	202.5	162.0	142.1	201.0	546.0	794.0	466.0	986.0	182.0	0.0	0.0	3,681.6
Drugyal Dzong	0.0	10.0	8.0	9.5	67.5	84.0	129.0	148.0	142.0	18.0	3.0	0.0	619.0
Pemagatshel													
Pemagatshel	0.8	106.1	28.6	173.3	81.4	368.7	775.8	214.1	322.1	213.8	10.1	0.0	2,294.8
Dungmain	3.0	132.0	33.0	188.4	139.9	517.0	1,338.0	157.0	370.0	170.0	8.0	0.0	3,056.3
Yurung	3.0	24.8	30.2	179.3	134.8	474.1	1,192.2	156.0	387.9	190.1	6.2	0.0	2,778.6
Punakha													
Punakha Dzong	1.2	40.2	7.8	31.3	57.2	102.3	183.3	85.6	73.9	41.0	3.6	0.0	627.4
Shelgana	3.0	47.4	13.0	38.6	135.2	149.0	337.8	248.8	195.2	52.0	9.0	0.0	1,229.0
Samdrup jongkhar													
Airong	7.6	20.2	1.4	302.5	310.3	735.4	1,309.6	321.0	482.2	397.2	53.8	0.0	3,941.2
Dechenling	2.6	97.0	60.6	255.7	239.2	859.5	1,375.2	237.0	532.4	198.6	0.0	0.0	3,857.8
Deothang	3.4	54.9	54.6	357.1	577.6	1387.6	1349.1	373.0	236.0	401.1	11.2	0.0	4,805.6
Samtse													
Tendu	1.2	96.1	41.7	151.9	104.4	502.4	1,040.3	500.8	541.0	93.4	6.1	0.0	3,079.3
NIE	0.0	89.2	41.8	283.4	526.1	482.6	1,351.8	657.4	875.2	126.3	14.2	0.0	4,448.0
Dorokha	0.0	195.3	51.6	230.8	151.3	348.4	852.4	368.6	444.0	58.7	6.0	0.0	2,707.1
Sipsu	11.0	164.0	63.0	179.3	356.4	823.5	1440.0	721.9	1059.4	354.8	7.0	0.0	5,180.3

contd...

TABLE 5.6 (contd.): TOTAL MONTHLY RAINFALL AT EXISTING STATIONS IN EACH DZONGKHAG, BHUTAN, 2007

(Millimeters)

Dzongkhag and station	Month												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total rain fall
Thimphu													
Gidakom	0.0	42.3	19.2	20.6	57.1	52.8	81.0	112.1	57.2	9.5	0.0	0.0	451.8
Simtokha	0.0	35.9	14.1	14.6	29.2	46.1	82.9	79.9	90.2	18.6	0.8	0.0	412.3
MTI Complex	0.0	30.6	13.6	24.8	47.5	81.3	153.5	90.7	117.9	11.8	2.4	0.0	574.1
Sarpang													
Surey	0.0	108.2	142.4	204.2	202.4	610.0	2,037.4	673.4	860.4	149.0	0.0	0.0	4,987.4
Bhur	7.6	105.8	76.2	230.2	288.6	716.6	2,422.4	543.7	1,008.8	112.8	39.8	5.8	5,558.3
Sarpang	0.0	98.0	43.2	119.6	191.0	788.0	2,210.0	845.6	1,072.0	143.0	0.0	18.0	5,528.4
Trashigang													
Chazam	0.0	79.2	19.2	38.0	77.4	118.2	192.8	199.4	121.1	88.0	7.2	0.0	940.5
Kanglung	7.0	108.8	45.2	65.4	58.2	212.4	303.2	214.2	191.0	127.8	6.4	0.0	1,339.6
Khaling	5.0	100.0	48.5	147.5	115.0	173.6	481.5	250.0	233.0	131.5	27.0	2.0	1,714.6
Radhi	1.0	76.3	19.5	59.9	93.5	217.2	323.8	287.6	189.9	125.2	36.1	0.0	1,430.0
Thrimshing	0.0	113.2	28.6	169.0	124.6	390.6	651.4	187.6	256.2	158.0	15.0	0.0	2,094.2
Wamrong	40.0	125.0	46.8	94.0	232.8	337.9	463.2	344.6	340.0	0.0	24.0	0.0	2,048.3
Tashiyangtse													
Tashi Yangtse	4.9	50.1	30.5	120.0	103.6	187.4	375.5	162.0	185.2	75.4	13.2	0.0	1,307.8
Yallang	10.2	112.6	19.4	215.0	78.2	190.8	323.6	185.4	113.4	64.4	22.0	0.0	1,335.0
Trongsa													
Bjizam	2.4	46.9	25.0	46.8	51.7	165.1	237.1	159.8	121.7	85.0	71.4	2.1	1,015.0
Kuengarabten	3.1	38.0	2.1	63.0	7.3	21.7	416.1	400.2	77.3	24.5	3.1	4.2	1,060.6
Langthel	0.0	33.3	8.0	13.0	54.0	110.3	213.0	120.3	187.5	0.0	0.0	0.0	739.4
Chendepji	23.0	56.2	12.4	57.2	95.6	200.3	260.5	264.0	280.6	67.6	6.4	0.0	1,323.8
Trongsa	4.0	71.4	24.5	79.7	62.1	188.1	281.3	293.3	189.0	103.9	0.0	0.0	1,297.3
Tsirang													
Damphu	0.0	49.2	27.0	48.0	55.5	289.0	509.0	323.6	338.2	44.4	2.2	0.3	1,686.4
Sunkosh													
Dobani	0.0	43.4	30.4	50.4	44.0	239.1	415.0	276.8	299.6	59.6	2.2	0.0	1,460.5
Wangdue													
Wangdue (RNRRRC)	0.8	30.9	7.3	28.3	1.6	81.5	166.8	63.7	145.9	30.9	0.3	0.0	558.0
Nobding	1.5	27.8	11.4	39.8	50.7	208.1	237.8	50.7	181.2	58.1	9.8	0.0	876.9
Phobjikha	0.0	0.0	13.0	163.0	138.0	376.0	507.0	750.0	395.0	58.0	4.4	0.0	2,404.4
Samtengang	2.2	34.0	8.6	62.3	69.0	122.1	212.0	172.6	157.2	30.1	6.3	0.0	876.4
Zhemgang													
Buli	0.0	113.3	62.6	62.8	81.7	260.0	651.5	307.3	348.4	73.2	5.8	0.0	1,966.6
Yebilaptsa	0.0	72.0	51.4	38.4	35.4	198.0	543.0	319.6	362.0	87.4	1.4	0.0	1,708.6
Zhemgang	0.8	107.6	38.8	63.4	43.6	192.4	427.6	226.3	282.6	109.9	2.7	0.0	1,495.7

Source: Metrology Section, Department of Energy, MTI, Thimphu.

**TABLE 5.7: NUMBER OF AGRICULTURE RESEARCH AND EXTENSION FACILITIES,
BHUTAN, JUNE 2008**

Infrastructure	Numbers
RNR (Common services)	
RNR Extension Centres*	117
RNR Research Centres	4
RNR Research sub-stations	6
Soil and Plant Analytical Laboratory	1
Agriculture	
Agriculture Extension Centres**	50
Agriculture Seed Production Farms	11
Farm Mechanization Centres	3
Farm Mechanization Training Centres	1
National Mashroom Centres	1
National Post Harvest Center	1
National Plant Protection Centres	1
National Soil Service Centre	1
Livestock	
Livestock Extension Centres	50
Regional Veterinary Laboratories	4
Satellite Veterinary Laboratories	3
Veterinary Hospital (including Thimphu Hospital)	20
Livestock Farms	11
Fodder Seed Production Centers	1
Vaccine Production Centres	1
National Artificial Insemination Centers	1
Cold Water Fishery Center	1
National Warm Water Fish Culture Center	1
National Center for Animal Health	1
Forestry	
Beat Offices	62
Nature Conservation Study Centre	1
Range Offices***	39
Territorial Division HQs(DFO)	12
Percent of Forest cover (including 8% shrub)	72.5
Percent of Protected Area	39.5

Source: PPD, Ministry of Agriculture, Thimphu.

Note: * includes 11 RNR centres under construction

** includes 1 AEC under construction.

***includes 5 FMUs considered as Range Offices.

TABLE 5.8: IRRIGATION CHANNEL CONSTRUCTED IN DZONGKHAGS FROM 2003/04 TO 2006/07

Dzongkhag	New Construction Year (Km)					Renovation Year (Km)				
	2003/04	2004/05	2005/06	2006/07	Total (Km)	2003/04	2004/05	2005/06	2006/07 (km)	Total
Bumthang	3.00	0.00	2.20	0.00	5.20	0.00	4.00	5.93	0.00	9.93
Chhukha	1.84	0.00	4.50	0.00	6.34	4.10	3.94	0.00	0.00	8.04
Dagana	4.00	4.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00
Gasa	0.00	0.00	0.36	0.00	0.36	0.00	16.00	0.40	0.00	16.40
Ha	1.00	0.00	0.00	0.00	1.00	3.00	2.60	1.06	0.00	6.66
Lhuentse	9.80	4.30	1.00	0.00	15.10	16.87	24.00	0.00	0.00	40.87
Monggar	0.00	5.10	5.50	0.00	10.60	4.45	12.32	0.00	0.00	16.77
Paro	3.00	4.50	37.79	0.00	45.29	15.50	19.88	16.30	3.00	54.68
Pemagatshel	0.00	1.50	0.00	0.00	1.50	0.00	7.00	0.00	0.00	7.00
Punakha	0.00	0.00	3.00	3.00	6.00	35.75	34.59	11.00	0.00	81.34
Samdrupjongkhar	0.00	0.00	0.00	7.00	7.00	18.01	4.71	0.00	10.22	32.94
Samtse	4.70	10.00	5.72		20.42	11.00	10.00	0.00	0.00	21.00
Sarpang	13.70	9.00	3.00	0.00	25.70	18.50	19.50	8.00	0.00	46.00
Thimphu	0.00	3.00	0.00	0.00	3.00	4.00	7.00	0.00	0.00	11.00
Trashigang	0.00	14.50	0.00	0.00	14.50	1.50	2.60	0.00	0.00	4.10
Trashiyangtse	5.04	1.00	0.60	0.00	6.64	5.30	13.50	3.40	13.90	36.10
Trongsa	0.00	12.50	29.50	0.00	42.00	12.00	12.00	4.00	12.10	40.10
Tsirang	0.00	0.00	7.40	17.00	24.40	3.75	12.88	14.20	35.00	65.83
Wangdue	0.00	0.00	0.00	0.00	0.00	33.00	15.05	0.00	2.50	50.55
Zhemgang	0.00	3.00	0.00	0.70	3.70	7.00	12.80	0.00	0.00	19.80
Bhutan	46.08	72.40	100.57	27.70	246.75	193.73	234.37	64.25	76.70	569.05

Source: Department of Agriculture, MoA, Thimphu.

TABLE 5.9: POWER TILLER TRACKS DEVELOPMENT AND ACHIEVEMENTS, 2007

Dzongkhag	Length (Km)	Completed (Km)					Total (Km)
		2002-03	2003-04	2004-05	2005-06	2006-07	
Trongsa	34.00	0.00	0.00	7.50	21.75	0.00	63.25
Haa	8.00	0.00	0.00	0.00	1.50	3.00	12.50
Paro	9.80	0.00	0.00	0.50	3.30	0.00	13.60
Mongar	34.64	0.00	0.00	0.00	4.87	14.10	53.61
Trashigang	37.30	0.00	0.00	0.00	4.00	0.00	41.30
Dagana	19.00	0.00	0.00	0.00	0.00	6.30	25.30
Lhuentse	35.00	0.00	0.00	2.00	8.00	2.00	47.00
Chukha	17.00	0.00	0.00	0.00	0.00	3.00	20.00
Wangdue	19.00	0.00	0.00	0.00	0.00	1.13	20.13
Trashiyangtse	21.00	0.00	0.00	0.00	0.00	2.50	23.50
Zhemgang	2.50	0.00	0.00	0.00	0.00	6.00	8.50
Tsirang	28.00	0.00	0.00	0.00	0.00	19.20	47.20
Punakha	17.59	0.00	0.00	0.00	5.00	14.40	36.99
Pemagatshel	15.00	0.00	0.00	0.00	0.00	0.00	15.00
Samdrupjongkhar	11.80	0.00	0.00	0.00	0.00	0.00	11.80
Total	309.63	0.00	0.00	10.00	48.42	71.63	439.68

Source: LMS, Department of Agriculture, MoA, Thimphu.

TABLE 5.10: WET LAND CONVERTED TO DRY LAND FOR THE YEAR, 2005

Dzongkhag	Area (acres)	Area (acres)	Area (acres)
	proposed	approved	not approved
Trashigang	7.85	2.95	4.90
Gasa	1.86	0.25	1.61
Punakha	2.94	0.14	2.80
Paro	2.76	1.33	1.48
Wangdue	4.77	1.84	2.93
Chukha	1.50	1.50	0.00
Pemagatshel	4.80	4.80	0.00
Trashiyangtse	0.24	0.24	0.00
Total	26.72	13.05	13.72

Source: LMS, Department of Agriculture, MoA, Thimphu.

TABLE 5.11: QUALITY OF PESTICIDES SUPPLIED TO FARMERS, BHUTAN 2003/04 TO 2007/08

(Kilogram or Litre)

Period	Insecticides	Fungicides	Herbicides	Acaricides	Rodenticides	Others (Non-toxic)	Total
2003/04	13,074.3	2,888.3	874.0	9.0	64.7	10,052.4	26,962.7
2004/05	2,600.0	2,460.0	850.0	50.0	10.0	10,505.0	16,475.0
2005/06	3,036.0	2,410.0	1,020.0	20.0	38.0	10,732.0	17,256.0
2006/07	4,126.0	4,101.0	1,853.0	10.0	48.0	10,053.0	20,191.0
2007/08	4,212.0	2,247.0	1,085.0	8.0	35.0	24,120.0	31,707.0

Source: Department of Agriculture, MoA, Thimphu.

Note: Others include Tree spray oil, Linseed oil, protein Hydrolysolysate, Sandovit

TABLE 5.12: ARABLE AGRICULTURE LAND, BY LAND TYPE AND DZONGKHAG, BHUTAN 2007

(hectares)

Dzongkhag	Wet land	Dry land	Orchard	Total area
Bumthang	0.00	5,756.76	54.12	5,810.88
Chhukha	1,033.85	8,729.30	1,030.85	10,793.99
Dagana	2,117.39	6,387.13	795.04	9,299.56
Gasa	114.72	262.61	0.00	377.32
Haa	44.99	1082.97	75.85	1,203.80
Lhuentse	1,354.11	3,594.74	0.88	4,949.73
Monggar	825.27	10,106.78	8.10	10,940.15
Paro	1,599.56	3,617.94	296.45	5,513.95
Pemagatshel	241.49	12,881.72	781.00	13,904.21
Punakha	3,605.44	1236.04	151.84	4,993.32
Samdrupjongkhar	734.29	11,531.12	265.74	12,531.14
Samtse	3,474.01	12,066.32	2,376.64	17,916.97
Sarpang	2,252.87	5,353.85	1,918.35	9,525.07
Thimphu	321.72	1040.45	221.85	1,584.03
Trashigang	1,929.07	14,577.33	27.52	16,533.92
Trashiyangtse	1,454.19	5,702.33	1.65	7,158.16
Trongsa	1,042.23	1,886.37	62.30	2,990.90
Tsirang	1,672.19	3,598.35	678.05	5,948.59
Wangdue	2,799.77	2,128.24	21.43	4,949.45
Zhemgang	1,067.70	7,994.84	370.18	9,432.72
Bhutan	27,684.84	119,535.17	9,137.83	156,357.84

Source: PPD, Ministry of Agriculture, Thimphu

Note: Tseri and Chilzhing data (as per DSLR's record) have been clubbed with dryland. Pakzhing has been clubbed with orchard.

*Pangzhing and kitchen garden have been clubbed with dry land

*Sokshing and Tsamdrog are not applicable

TABLE 5.13: CULTIVATED AREA, PRODUCTION AND YIELD OF MAJOR CROPS BY DZONGKHAG, BHUTAN, 2007

Dzongkhag	Wheat			Barley		
	Area (acre)	Production (MT)	Yield (Kg/acre)	Area (acre)	Production (MT)	Yield (Kg/acre)
Bumthang	125	41	328	696	377	542
Chhukha	1,209	713	589	186	125	676
Dagana	31	14	450	103	35	339
Gasa	48	9	179	38	18	464
Ha	1604	922	575	167	64	385
Lhuentse	130	71	550	n.a	n.a	n.a
Monggar	683	442	648	1,691	829	490
Paro	2,541	1,602	630	1002	597	595
Pemagatshel	145	96	662	1223	385	315
Punakha	1,385	546	394	n.a	n.a	n.a
Samdrupjongkhar	594	436	734	412	240	583
Samtse	2,844	1,374	483	77	24	310
Sarpang	na	na	na	na	na	na
Thimphu	944	612	648	266	164	616
Trashigang	450	245	545	699	555	794
Trashiyangtse	151	91	600	25	22	873
Trongsa	865	334	386	424	287	675
Tsirang	452	179	396	n.a	n.a	n.a
Wangdue	2004	1,218	608	362	195	538
Zhemgang	1310	637	486	124	87	702
Bhutan	17,515	9,582	547	7,495	4,004	534

TABLE 5.13 (contd.): CULTIVATED AREA, PRODUCTION AND YIELD OF MAJOR CROPS BY DZONGKHAG, BHUTAN, 2007

Dzongkhag	Paddy			Maize		
	Area (acre)	Production (MT)	Yield (Kg/acre)	Area (acre)	Production (MT)	Yield (Kg/acre)
Bumthang	52	97	1,863	n.a	n.a	n.a
Chhukha	3,638	3,580	984	6,521	6,929	1,063
Dagana	5,466	3,959	24	8026	6005	748
Gasa	209	251	1200	n.a	n.a	n.a
Ha	507	535	1,055	274	162	591
Lhuentse	3,073	4,268	1,389	3,187	4,917	1,543
Mongar	1,566	2,000	1,278	7,360	10,200	1,386
Paro	3,753	6,904	1,840	89	57	640
Pemagatshel	551	413	749	5,180	5,777	1,115
Punakha	5,575	9,229	1,655	438	287	656
Samdrupjongkhar	4,649	5,902	1269	5,801	7,415	1,278
Samtse	11,008	8,542	776	11,981	9,452	789
Sarpang	10,134	7,510	741	8,444	3,624	429
Thimphu	2,355	4,034	1,713	330	245	745
Trashigang	1,934	2,529	1,340	5,648	7,200	1,275
Trashiyangtse	1,377	1,814	1,318	2365	2,695	1,140
Trongsa	1,622	1,802	1,111	762	607	796
Tsirang	4,460	3,470	778	5,772	3,827	663
Wangdue	4,062	6,186	1,523	441	420	953
Zhemgang	1,577	1,292	820	2,782	2,411	867
Bhutan	67,568	74,317	1,101	75,401	72,230	958

Source: PPD, Ministry of Agriculture

TABLE 5.14: QUANTITY OF POTATO SEED PLANTED AND PRODUCTION BY VARIETY AND REGION, 1992/93 TO 1994/95

(Metric tons)

Location/region	Desiree			K. Jyoti			Yusikap		
	1992-1993	1993-1994	1994-1995	1992-1993	1993-1994	1994-1995	1992-1993	1993-1994	1994-1995
Quantity planted	161.1	156.4	156.1	95.2	82.5	75.4	90.7	86.3	86.0
Phobjikha farm	8.2	6.7	6.7	4.4	4.7	1.3	4.7	4.8	4.8
Trashigang	18.4	20.3	20.2	35.0	34.5	33.3	45.5	35.2	35.1
Pemagatshel	4.0	4.0	4.0	14.0	14.0	13.8	10.0	10.0	10.0
Bumthang	32.6	31.7	31.7	22.0	18.9	17.0	21.4	20.0	20.0
Phubjikha	98.0	93.7	93.5	19.9	10.5	10.2	9.2	16.4	16.2
Quantity produced	141.2	414.9	447.0	216.7	188.8	156.6	238..0	237.9	240.7
Phobjikha farm	33.5	33.5	36.0	11.4	11.4	15.8	34.0	34.0	28.3
Trashigang	15.7	15.7	41.6	42.9	42.9	67.7	95.4	95.3	93.1
Pemagatshel	10.7	10.7	8.2	28.7	28.7	30.9	22.1	22.1	21.0
Bumthang	74.1	74.1	86.1	84.9	57.1	13.3	53.2	53.2	56.6
Phubjikha	280.2	281.0	275.3	48.8	48.8	29.0	33.4	33.4	41.9
Seed to production ratio	2.6	2.7	2.9	2.3	2.3	2.1	2.6	2.8	2.8
Phobjikha farm	4.1	5.0	5.3	2.6	2.4	12.4	7.2	7.1	5.9
Trashigang	0.9	0.8	2.1	1.2	1.2	2.0	2.1	2.7	2.7
Pemagatshel	2.7	2.7	2.0	2.1	2.1	2.2	2.2	2.2	2.1
Bumthang	2.3	2.3	2.7	3.9	3.0	0.8	2.5	2.7	2.8
Phobjikha	2.9	3.0	2.9	2.5	4.7	2.9	3.6	2.0	2.6

Source: PPD, Ministry of Agriculture, Thimphu

Note: the data remains the same for the year 2007 as they have not updated

TABLE 5.15: NUMBER OF LIVESTOCK BY TYPE AND DZONGKHAG, BHUTAN, 2005

Dzongkhag	Nublang+ Mithun Cattle	Jersey Cattle	Brown Swiss Cattle	Other Cattle (Baffaloes+ Zo+Zom)	Yaks	Horses (includes Mules Donkeys)	Pigs	Poultry	Sheep	Goats
Bumthang	6,555	1,230	2,308	1,015	3,487	1,398	0	1,361	1,197	0
Chhukha	26,589	3,328	0	24	0	912	3,449	17,321	1,945	5,148
Dagana	10,445	2,308	0	75	0	325	1,945	11,960	450	3,078
Gasa	4,380	0	192	998	4,935	971	28	773	71	0
Ha	9,678	2,154	69	0	7,748	604	84	1,060	0	0
Lhuentse	11,918	1,903	236	0	456	1,968	968	7,382	151	33
Monggar	23,173	3,878	190	0	0	2,642	2,718	15,116	62	299
Paro	13,077	4,553	98	0	4,823	1,334	1,558	4,005	0	57
Pemagatshel	4,140	1,952	13	0	0	516	764	3,570	0	106
Punakha	9,517	1,637	45	0	0	789	1,716	5,647	0	16
S/Jongkhar	17,344	2,896	0	0	98	2,148	1,497	8,652	120	179
Samtse	36,180	1,886	333	0	0	27	1,225	29,151	2,534	4,625
Sarpang	21,800	3,076	112	89	0	846	2,203	3,041	585	618
Thimphu	4,177	2,000	12	0	9,727	1,217	520	2,802	0	39
Trashigang	20,576	6,419	114	0	11,953	3,399	2,581	14,648	4,942	125
Trongsa	8,972	1,947	714	0	0	391	252	2,438	730	0
Tsirang	8,972	4,522	13	167	0	199	1,593	18,186	973	5,668
Wangdue	19,152	2,338	1,297	434	1,716	1,393	2,028	4,217	3,808	136
Yangtse	10,169	2,065	94	197	595	1,837	1,435	2,108	37	175
Zhamgang	11,721	1,319	62	0	0	1,692	1,597	7,670	0	200
Bhutan	278,535	51,411	5,902	2,999	45,538	24,608	28,161	161,108	17,605	20,502

Source: Department of Livestock, MoA, 2007

TABLE 5.16: IMPORTS AND DISTRIBUTION OF FOOD ITEMS BY FOOD CORPORATION OF BHUTAN, 2003 TO 2007

(Metric tons)

Commodity	2003	2004	2005	2006	2007
Imports					
Rice	18,262.52	7,187.92	6,226.74	8,293.74	7,414.25
Wheat	2,625.60	2,500.00	35.59	0.00	0.00
Sugar	1,180.80	1,966.02	3,924.27	3,706.36	1,231.78
Salt	616.88	140.03	194.96	215.44	199.99
Oil	636.34	198.07	568.53	643.94	671.60
Pulses	836.98	231.49	202.65	289.56	309.67
Atta	..	..	169.7	327.8	160.20
Maida	29.3	20.0	283.4	327.8	249.88
Sales					
Rice	8,984.68	15,985.14	7,279.18	7,948.99	8,078.77
Wheat	1,646.96	987.52	202.91	0.00	0.00
Sugar	1,148.05	2,106.18	3,726.05	3,028.88	1,829.61
Salt	354.03	401.85	212.47	207.82	204.17
Oil	421.44	473.77	486.26	648.89	667.20
Pulses	329.65	710.81	229.08	261.73	304.56
Atta	593.40	633.65	430.61	299.04	199.32
Maida	243.78	265.03	337.41	332.72	263.07

Source: Food Corporation of Bhutan, Phuentsholing.

TABLE 5.17: QUANTITY OF AGRICULTURAL PRODUCE HANDLED BY FOOD CORPORATION OF BHUTAN, 2003 TO 2007

(Metric tons)

Commodity	2003	2004	2005	2006	2007
Potatoes	20,335.40	22,834.90	23,766.14	20,645.22	21,611.87
Vegetables	1,783.10	1,994.30	1,706.50	1,488.00	1,432.61
Apples	348.60	147.30	226.70	452.53	202.28
Oranges	2,878.10	2,218.10	1,916.50	1,863.61	2,876.83
Cardamom	0.00	0.00	0.17	0.01	0.00
Ginger	265.90	156.40	208.70	459.90	0.00
Garlic	0.30	0.10	0.08	0.00	0.00
Arecanut	149.70	114.60	146.62	153.86	233.33
Supari(dried doma)	0.00	0.00	0.00	0.00	0.00
Dry chilli	5.90	4.20	3.90	6.40	0.00
Kidney bean(rajma)	23.10	48.70	49.63	69.53	0.00
Soya bean	31.70	60.90	37.15	47.92	0.00
Pulses	0.90	0.00	0.00	0.00	100.36
Mustard	0.00	0.00	0.00	0.00	0.00
Pipla (wild)	0.30	0.00	0.00	0.00	0.00
Chirota (wild)	0.00	0.00	0.00	0.00	0.00
Leshi	0.00	0.10	0.00	0.00	0.00
Lemon	0.00	0.00	0.00	0.00	0.00
Apricot	0.00	0.00	0.00	0.00	0.00
Peach	1.20	0.80	1.13	0.18	0.00
Plum	0.60	0.30	0.13	0.02	0.00
Pear	0.10	0.80	0.02	0.11	0.00
Dry bean	0.00	0.00	0.00	0.00	0.00

Source: Food Corporation of Bhutan, Phuntsholing.

TABLE 5.18: QUANTITY AND VALUE OF FOREST PRODUCTS SUPPLIED BY TYPE AND USERS BHUTAN, 2004/05 TO 2006/07

User and product type	2004/05		2005/06		2006/07	
	Quantity	Value (Nu)	Quantity	Value (Nu)	Quantity	Value (Nu)
Rural Supply						
Trees (numbers)	15745.0	629800.0	25037.0	1001480.0	11504.0	471458.0
Shinglap (numbers)	2536.0	101440.0	2260.0	90400.0	13.0	520.0
Cham (numbers)	42625.0	1705000.0	63538.0	1906140.0	19451.0	594064.0
Tsim (numbers)	25074.0	300888.0	48526.0	582312.0	10897.0	43588.0
Dangchung (numbers)	25210.0	100840.0	23391.0	93564.0	4393.0	30195.0
Flag post (numbers)	36906.0	147624.0	38192.0	152768.0	22984.0	103372.0
Fencing post (numbers)	24489.0	97956.0	31020.0	124080.0	16015.0	225105.0
Fuel wood (cubic metre)	32491.0	324910.0	29900.2	299002.0	1331927.7	616729.0
Log form (Cft)	416742.0	333393.6	346194.0	276955.2	308461.0	246097.2
Sawn timber (cft)	5043.0	5043.0	39309.1	39309.1	0.0	0.0
Sub total		3746894.6		4566010.3		2331128.2
Non wood Forest Produce (Rural Supply)						
Bamboo (numbers)	123200.0	11471.2	163987.0	86913.1	369390.5	30905.8
Stone (TL)	3.0	120.0	12.0	480.0	1100.0	24040.0
Sand (TL)	4.0	160.0	10.0	400.0	647.0	1972.0
Mashrrom billet (numbers)	1290.0	774.0	..	..	9.0	360.0
Cane (Bundle)	96.0	384.0	242.0	2420.0	484.0	1972.0
Chirrata (kg)	..	..	..	..	0.0	..
Sub total		12909.2		90213.1		59249.8
Urban Supply (Auction)						
Trees (number)	12.0	28800.0	43.0	103200.0	961.0	291587.0
Shinglap (numbers)	..	..	..	..	..	..
Cham (numbers)	..	..	..	..	413.0	23946.0
Tsims (numbers)	..	..	..	..	987.0	11650.0
Dangchung (numbers)	1565.0	688600.0	8434.0	3710960.0	259.0	3158.0
Fencing post (numbers)	1790.0	35800.0	254.0	5080.0	8407.0	38735.0
Flag post (numbers)	..	..	..	..	5585.0	53112.0
Firewood (cubic metre)	2896.0	28960.0	43736.0	437360.0	130686.3	1297404.0
Log form (cft)	253447.0	4562046.0	731650.0	13169700.0	1803567.8	25158174.3
Sawn form (cft)	126.4	2275.9	474.1	8532.9	6962.0	123178.0
Sub total		22126095.8		17434832.9		27000944.3
Non wood Forest Produce on Commercial rate						
Bamboo (numbers)	324372.0	168673.4	464883.0	246388.0	110159.0	87430.8
Stone (TL)	46038.0	1841520.0	41955.0	1678200.0	27476.8	1110254.0
Sand (TL)	47137.0	1885480.0	45730.0	1829200.0	43439.0	9329236.5
Stone Chips (TL)	28481.5	1139260.0	0.00	0.00	13799.0	347500.0
Top Soil (TL)	350.0	14000.0	380.0	15200.0	..	..
Wood Chips (TL)	206.0	103429000.0	289.0	144500.0	0.0	0.0
Lemon grass (kg)	6330.0	25320.0	3596.0	14384.0	..	..
Mashrrom Billet (numbers)	5700.0	5700.0	12774.0	12774.0	6870.0	4600.0
Resin (TL)	7391.5	29566.0	41135.0	164540.0	24954.5	85503.0
Dalphne (Kg)	900.0	540.0	9400.0	5640.0	8830.0	7808.0
Cordycep (Kg)	153.0	3442500.0	81.0	1821600.0	..	..
Leaf mould (TL)	141.0	8460.0	575.5	34530.0	206.0	11324.0
Sand (Lots)	..	..	..	..	79.0	13551875.0
Sub total		111990019.4		5966956.0		24535531.3

contd...

**TABLE 5.18(contd.): QUANTITY AND VALUE OF FOREST PRODUCTS SUPPLIED BY
TYPE AND USERS BHUTAN, 2004/05 TO 2006/07**

User and product type	2004/05		2005/06		2006/07	
	Quantity	Value (Nu)	Quantity	Value (Nu)	Quantity	Value (Nu)
Subsidy (Dzong and Lhakhang)						
Tree (numbers)	247.0	9880.0	104.0	4160.0	0.0	0.0
Chams (numbers)	30.0	900.0	12.0	360.0	0.0	0.0
Tsim (numbers)	18.0	216.0	..	..	0.0	0.0
Flag post (numbers)	1152.0	4608.0	..	..	0.0	0.0
Log (cft)	..	..	..	..	0.0	0.0
Sub total		15604.0		4520.0		0.0
Commercial (Dzong and Lhakhang)						
Tree (numbers)	947.0	1090944.0	87.0	100224.0	0.0	0.0
Shinglap (numbers)	23.0	26496.0	..	..	0.0	0.0
Chams (numbers)	1814.0	435360.0	..	..	0.0	0.0
Dangchung (numbers)	993.0	23832.0	..	..	0.0	0.0
Tsims (numbers)	915.0	34770.0	105.0	3990.0	0.0	0.0
Fencing post (numbers)	535.0	2140.0	..	..	0.0	0.0
Firewood (cubic metre)	320.0	3200.0	416.0	4160.0	0.0	0.0
Log (cft)	..	..	..	..	0.0	0.0
Swan timber (cft)	..	..	..	..	0.0	0.0
Sub total		1636422.0		109014.0		0.0
Government Institution						
Tree (numbers)	1238.0	1426176.0	1468.0	1691136.0	0.0	0.0
Chams (numbers)	544.0	130560.0	293.0	70320.0	0.0	0.0
Tsims (numbers)	394.0	14972.0	1637.0	62206.0	0.0	0.0
Dangchung (numbers)	9459.0	227016.0	8360.0	200640.0	0.0	0.0
Flag post (numbers)	1425.0	22800.0	1622.0	25952.0	0.0	0.0
Fencing post (numbers)	6266.0	75192.0	8076.0	96912.0	0.0	0.0
Firewood (cubic metre)	18549.0	185490.0	31176.0	311760.0	0.0	0.0
Log forms (cft)	485025.0	6305325.0	284016.0	3692207.2	0.0	0.0
Sawn timber (cft)	126.4	2275.9	..	..	0.0	0.0
Sub total		8389806.9		6151133.2		0.0
Free of Royalty						
Tree (numbers)	127.0	0.0	216.0	0.0	270.0	0.0
Shinglap (numbers)	6.0	0.0	..	0.0	40.0	0.0
Chams (numbers)	880.0	0.0	1260.0	0.0	167.0	0.0
Tsims (numbers)	1025.0	0.0	1105.0	0.0	175.0	0.0
Dangchung (numbers)	1594.0	0.0	899.0	0.0	280.0	0.0
Poles (numbers)	..	0.0	..	0.0	1253.0	0.0
Fencing post (numbers)	..	0.0	640.0	0.0	80.0	0.0
Flag post (numbers)	..	0.0	401.0	0.0	0.0	0.0
Log (cft)	995.0	0.0	256.0	0.0	..	0.0
Firewood (cubic metre)	2327.0	0.0	885.0	0.0	767.7	0.0

contd...

TABLE 5.18(contd.): QUANTITY AND VALUE OF FOREST PRODUCTS SUPPLIED BY TYPE AND USERS BHUTAN, 2004/05 TO 2006/07

User and product type	2004/05		2005/06		2006/07	
	Quantity	Value (Nu)	Quantity	Value (Nu)	Quantity	Value (Nu)
Bhutan						
Tree (numbers)	18316.0	3185600.0	26955.0	2900200.0	12465.0	763045.0
Shinglap (numbers)	2565.0	127936.0	2260.0	90400.0	13.0	520.0
Cham (numbers)	45893.0	2271820.0	65103.0	1976820.0	19864.0	618010.0
Tsims (numbers))	26401.0	350846.0	51373.0	648508.0	11884.0	55238.0
Dangchung (numbers)	37256.0	1040288.0	41084.0	4005164.0	4393.0	30195.0
Flag post (numbers)	39483.0	194712.0	40255.0	179360.0	28569.0	156484.0
Fencing post (numbers)	33080.0	137621.0	39990.0	226072.0	24422.0	263840.0
Fuel wood (cubic metre)	32491.0	324910.0	29900.2	299002.0	1462614.0	1914133.0
Log forms (cft)	1155214.0	11200764.0	1361860.0	17138862.4	2112028.8	25282528.7
Sawn timber (cft)	5169.4	7318.9	39309.1	39309.1	6962.0	123178.0
Bamboo (numbers)	447572.0	180144.6	628870.0	333301.1	479549.5	118336.6
Stone (TL)	46041.0	1841640.0	41967.0	1678680.0	28576.8	1134294.0
Sand (TL)	47141.0	1885640.0	45740.0	1829600.0	44086.0	9331208.5
Stone chips (TL)	28481.5	1139260.0	0.0	0.0	13808.0	347860.0
Top Soil (TL)	350.0	14000.0	380.0	15200.0	..	..
Wood chips (TL)	206858.0	103429000.0	289.0	144500.0	..	..
Mashrrom Billet (numbers)	6990.0	6474.0	12774.0	12774.0	6870.0	4600.0
Resin (Kg)	7391.5	29566.0	41135.0	41135.0	24954.5	85503.0
Cordycep (Kg)	153.0	3442500.0	81.0	1821600.0	140.4	3158258.0
Daphne (Kg)	900.0	540.0	9400.0	9400.0	8830.0	7808.0
Lemon grass (Kg)	6330.0	25320.0	3596.0	3596.0	..	..
Leaf mould (TL)	141.0	8460.0	575.5	575.5	211.0	11624.0
Cane (Bundle)	96.0	384.0	242.0	2662.0	484.0	1972.0
Chirrata (Kg)	..	..	..	..	..	..
Sand Auction (lots)	..	..	..	..	79.0	13551875.0
Total		130844744.6		33396721.1		56960510.8

Source: Department of Forest, MoA, Thimphu.

TABLE 5.19: DETAILS OF PROTECTED AREAS IN BHUTAN BY YEAR OF ESTABLISHMENT AND AREA, 2006

Name of Area	Establishment year	Area (sq.Km)
Existing Protected Areas		
Torsa Strict Nature Reserve	1993	644
Jigme Dorji National Park	1993	4,349
Jigme Singye Wangchuck National Park*	1993	1,723
Thrumshingla National Park	1993	905
Royal Manas National Park	1993	1,023
Sakteng Wildlife Sanctuary	1993	650
Bomdeling Wildlife Sanctuary	1993	1,487
Phibsoo Wildlife Sanctuary	1993	278
Khaling Wildlife Sanctuary	1993	273
Royal Botanical Park (RBP)	1994	47
Total		11,379
Biological Corridors	2000	3,710

Source: NCD, DoF, Ministry of Agriculture, Thimphu.

Note: * Previously known as Black Mountain National Park

TABLE 5.20: DISPOSAL OF LOGWOOD BY FORESTRY DEVELOPMENT CORPORATION LIMITED, 2003 TO 2005

Item	Units	2003	2004	2005
Logwood				
Commercial logwood	cft	1779485.26	1940958.60	1925870.76
Rural logwood	cft	264027.94	317945.56	285034.73
Firewood (urban)	M3	..	30856.16	..
Total		2043513.20	2289760.32	2210905.49

Source: Department of Forest, MoA, Thimphu.

TABLE 6.1: NUMBER OF INDUSTRIAL ESTABLISHMENTS BY SECTOR, BHUTAN 2003 TO 2007

Sector	2003	2004	2005	2006	2007
Production & manufacturing	800.0	874.0	985.0	1,133.0	1,254.0
New registration	58.0	73.0	99.0	135.0	116.0
Existing establishments	742.0	801.0	886.0	998.0	1,138.0
Services	4,812.0	5,468.0	6,753.0	13,597.0	14,923.0
New registration	587.0	662.0	1,366.0	1,479.0	1,263.0
Existing establishments	4,225.0	4,806.0	5,387.0	12,118.0	13,660.0
Contract	9,080.0	9,212.0	9,519.0	9,775.0	10,084.0
New registration	145.0	131.0	207.0	269.0	307.0
Existing establishments	8,935.0	9,081.0	9,312.0	9,506.0	9,777.0
All sectors	14,692.0	15,554.0	17,257.0	24,505.0	26,261.0

Source: Department of Industry, MoEA, Thimphu.

TABLE 6.2: NUMBER OF LICENCESED FIRMS IN MANUFACTURING AND MINING INDUSTRIES BY SECTOR, BHUTAN, 2005 TO 2007

Industry	2005				2006				2007			
	Public	Joint	Private	Total	Public	Joint	Private	Total	Public	Joint	Private	Total
Mining	0	0	18	18	0	0	25	25	0	0	27	27
Manufacturing	13	5	949	967	15	5	1,088	1,108	14	5	1,208	1,227
Food processing	5	1	175	181	5	1	193	199	5	1	201	207
/milling	0	0	1	1	0	0	1	1	0	0	2	2
Textiles and Clothing	2	2	410	414	2	2	466	470	2	2	513	517
Wood and Paper Products	..	..	..	..	..	..	..	..	..	..	..	..
Chemical Products	0	2	60	62	0	2	64	66	0	2	81	83
Mineral Products	6	0	303	309	8	0	364	372	7	0	411	418
Others												
Total	13	5	967	985	15	5	1,113	1,133	14	5	1,235	1,254

Source: Department of Industry, MoEA, Thimphu.

**TABLE 6.3: NUMBER OF INDUSTRIES BY SECTOR, SIZE AND TYPE,
BHUTAN, 2003 TO 2007**

Industrial establishments	2003	2004	2005	2006	2007
Sector					
Private	14,627.0	15,489.0	17,181.0	24,417.0	26,163.0
Joint	15.0	15.0	15.0	11.0	11.0
Public	50.0	50.0	61.0	77.0	87.0
Size					
Large scale	43.0	47.0	57.0	72.0	85.0
Medium scale	36.0	43.0	62.0	78.0	112.0
Small scale	588.0	628.0	678.0	1,660.0	1,815.0
Cottage scale	4,945.0	5,624.0	6,941.0	12,920.0	14,165.0
Other (Contract)	9,080.0	9,212.0	9,519.0	9,775.0	10,084.0
Type					
Production & Manufacturing	800.0	874.0	985.0	1,133.0	1,254.0
Agro based	155.0	162.0	181.0	199.0	207.0
Forest based	341.0	368.0	414.0	470.0	517.0
Mineral based	55.0	66.0	80.0	91.0	110.0
Others	249.0	278.0	310.0	373.0	420.0
Contract	9,080.0	9,212.0	9,519.0	9,775.0	10,084.0
Services	4,812.0	5,468.0	6,753.0	13,597.0	14,923.0
All industries	14,692.0	15,554.0	17,257.0	24,505.0	26,261.0

Source: Department of Industry, MoEA, Thimphu.

TABLE 6.4: NUMBER OF CONTRACT FIRMS BY TYPE, BY DZONGKHAG, BHUTAN, 2007

Dzongkhag	Class of contract firm				Total
	A	B	C	Petty	
Bumthang	2	2	9	225	238
Chhukha	41	19	132	626	818
Dagana	1	0	9	272	282
Gasa	0	0	0	33	33
Haa	0	5	44	204	253
Lhuntse	0	0	22	111	133
Mongar	1	2	62	331	396
Paro	0	10	69	377	456
Pemagatshel	1	4	19	168	192
Punakha	1	2	7	271	281
Samdrup Jongkhar	16	6	88	261	371
Samtse	1	1	47	264	313
Sarpang	6	2	37	407	452
Thimphu	130	88	518	3161	3897
Trashigang	5	22	61	425	513
Trashigang Yangtse	0	0	35	153	188
Trongsa	0	0	35	166	201
Tsirang	0	0	5	122	127
Wangdue Phodrang	-	-	22	644	666
Zhemgang	0	0	9	265	274
Bhutan	205	163	1,230.0	8,486.0	10,084.0

Note:

Source: Department of Industry, MoEA, Thimphu.

This are the number of contract licences issued as of 31Dec, 2007

TABLE 6.5: NUMBER OF INDUSTRIAL FIRMS, BY TYPE, BY DZONGKHAG, BHUTAN, 2007

Dzongkhag	Scale of industry				Total
	Small	Medium	Large	Cottage	
Bumthang	25	7	3	492	527
Chhukha	945	41	44	1327	2357
Dagana	5	2	0	265	272
Gasa	0	0	0	45	45
Haa	36	0	0	203	239
Lhuntse	0	0	0	127	127
Mongar	1	1	0	611	613
Paro	62	9	2	1107	1180
Pemagatshel	7	0	2	243	252
Punakha	8	1	0	322	331
Samdrup Jongkhar	25	4	5	860	894
Samtse	180	7	7	411	605
Sarpang	38	6	4	968	1016
Thimphu	442	28	16	4909	5395
Trashigang	1	0	0	667	668
Trashi Yangtse	0	0	0	166	166
Trongsa	4	2	0	303	309
Tsirang	3	0	0	256	259
Wangdue Phodrang	33	4	2	599	638
Zhemgang	0	0	0	284	284
Bhutan	1815	112	85	14165	16177

Source: Department of Industry, MoEA, Thimphu.

TABLE 6.6: NUMBER OF INDUSTRIES BY TYPE, BY DZONGKHAG, BHUTAN, 2007

Dzongkhag	Agro based	Forest based	Mineral based	Services	Contract	Others	All types
Bumthang		33.0	1.0	477.0	238.0	7.0	756.0
Chhukha	46.0	43.0	24.0	2,161.0	818.0	83.0	3,175.0
Dagana	0	0	0	272.0	282.0	0	554.0
Gasa	1.0	1.0	0	43.0	33.0	0	78.0
Haa	2.0	32.0	0	205.0	253.0	0	492.0
Lhuntse	1.0	3.0	1.0	122.0	133.0	0	260.0
Mongar	8.0	27.0	3.0	572.0	396.0	3.0	1,009.0
Paro	9.0	82.0	8.0	1,061.0	456.0	20.0	1,636.0
Pemagatshel	3.0	8.0	11.0	229.0	192.0	1.0	444.0
Punakha	1.0	4.0	0	325.0	281.0	1.0	612.0
Samdrup Jongkhar	19.0	23.0	5.0	836.0	371.0	11.0	1,265.0
Samtse	13.0	8.0	18.0	552.0	313.0	14.0	918.0
Sarpang	43.0	26.0	6.0	931.0	452.0	10.0	1,468.0
Thimphu	29.0	138.0	22.0	4,946.0	3,897.0	260.0	9,292.0
Trashigang	3.0	26.0	1.0	634.0	513.0	4.0	1,181.0
Trashie Yangtse	1.0	18.0	0	146.0	188.0	1.0	354.0
Trongsa	3.0	8.0	0	298.0	201.0	0	510.0
Tsirang	10.0	4.0	1.0	244.0	127.0	0	386.0
Wangdue Phodrang	2.0	15.0	9.0	608.0	666.0	4.0	1,304.0
Zhemgang	4.0	18.0	0	261.0	274.0	1.0	558.0
Bhutan	198.0	517.0	110.0	14,923.0	10,084.0	420.0	26,252.0

Source: Department of Industry, MoEA, Thimphu.

TABLE 6.7: MINERAL PRODUCTION FROM MINES IN BHUTAN, 2003 TO 2007

Minerals	2003	2004	2005	2006	2007
Dolomite (metric tonnes)	367,402.0	452,336.0	388,711.0	476,516.1	578,551.6
Lime stone (metric tonnes)	551,525.0	560,807.0	536,030.0	581,333.0	543,963.6
Gypsum (metric tonnes)	122,829.0	131,236.0	150,585.0	204,198.2	189,198.3
Slate (square feet)	57,970.0	126,789.0	2,908.0	5,873.1	78,107.2
Coal mines (metric tonnes)	66,324.0	29,631.0	85,279.0	97,965.5	105,260.8
Marble block (Cu.M)	n.a	n.a	n.a	219.3	n.a
Marble (square feet)	6,228.0	3,385.0	4,005.0	3,813.4	12,070.8
Quartzite (metric tonnes)	52,058.0	42,599.0	52,694.0	40,197.7	64,048.6
Talc (metric tonnes)	23,101.0	39,797.0	42,791.0	54,208.2	62,014.8
Iron Ore (metric tonnes)	n.a	n.a	5679	n.a	n.a
Pink Shale (metric tonnes)	n.a	n.a	364	360.3	n.a
Stone (metric tonnes)	316,068.0	252,207.0	146,767.0	232,187.1	388,720.6
Granite (square feet)	11,579.0	2,151.7	9,436.0	8,310.9	14,430.3

Source: Department of Geology and Mines, MoEA, Thimphu.

TABLE 6.8: MINERAL PRODUCTION, BHUTAN, 2004 TO 2007

Minerals	2004			2005			2006			2007		
	Export	Domestic Use	Total	Export	Domestic use	Total	Export	Domestic use	Total	Export	Domestic use	Total
Dolomite (metric tonnes)	452,273.0	63.0	452,336.0	388,637.0	74.0	388,711.0	472,982.2	3,533.9	476,516.1	573,554.4	4,997.2	578,551.6
Lime stone (metric tonnes)	33,759.0	527,048.0	560,807.0	86,996.0	449,034.0	536,030.0	90,028.9	491,304.0	581,333.0	96,836.3	447,127.3	543,963.6
Gypsum (metric tonnes)	103,258.0	27,979.0	131,236.0	115,646.0	34,940.0	150,585.0	168,116.4	36,081.8	204,198.2	150,799.2	38,399.1	189,198.3
Coal mines (metric tonnes)	20,362.0	9,269.0	29,631.0	48,377.0	36,902.0	85,279.0	65,545.2	32,420.3	97,965.5	75,365.8	29,895.0	105,260.8
Marble block(Cu.M)	n.a	n.a	n.a	n.a	n.a	n.a	0	219.3	21,933.0	n.a	n.a	n.a
Marble (square feet)	1,811.0	1,574.0	3,385.0	n.a	4,005.0	4,005.0	0	3,813.4	3,813.40	n.a	12,070.8	12,070.8
Slate (square feet)	-	126,789.0	126,789.0	n.a	2,909.0	2,909.0	0	5,873.1	5,873.06	n.a	78,107.2	78,107.2
Quartzite (metric tonnes)	7,223.0	35,376.0	42,599.0	9,193.0	43,501.0	52,694.0	8,402.8	31,794.8	40,197.65	1,805.3	62,243.3	64,048.6
Talc (metric tonnes)	39,797.0	n.a	39,797.0	42,738.0	53.0	42,791.0	54,208.2	0	54,208.24	62,014.8	n.a	62,014.8
Iron Ore (metric tonnes)	n.a	n.a	n.a	n.a	5,679.0	5,679.0	0	0	0	n.a	n.a	n.a
Pink & green Shale (mt)	n.a	n.a	n.a	364.0	n.a	364.0	360.3	0	360.3	n.a	n.a	n.a
Stone (metric tonnes)	15,986.0	234,646.0	250,632.0	25,626.0	121,142.0	146,767.0	70,783.2	161,403.9	232,187.10	101,576.9	287,143.8	388,720.6
Granite (square feet)	n.a	2,152.0	2,152.0	n.a	9,436.0	9,436.0	0	8,310.9	8,310.90	n.a	14,430.3	14,430.3

Source: Department of Gology and Mines. MoEA, Thimphu.

TABLE 6.9: NUMBER OF ESTABLISHMENT BY TYPE OF INDUSTRY AND SECTOR, BHUTAN, 2000

Sectors	sole proprietorship /partnership	Company	Venture	Company	Sectors
Forest based industry	107	6	3	5	121
Agrobased industry	68	1	1	8	78
Mineralbased industry	15	10	3	2	30
Other based industry	62	2	1	5	70
All industries	252	19	8	20	299

Source: Census of Manufacturing Industries, 2001

TABLE 6.10: DISTRIBUTION OF ESTABLISHMENT BY DZONGKHAGS, BHUTAN, 2000

Dzongkhag	Establishments (No.)	Percentage
Bumthang	16	5.4
Chukha	62	20.7
Dagana	n.a	n.a
Gasa	n.a	n.a
Ha	4	1.3
Lhuentse	1	0.3
Monggar	9	3.0
Paro	23	7.7
Pemagatshel	5	1.7
Punakha	2	0.7
Samdrup Jongkhar	13	4.3
Samtse	25	8.4
Sarpang	15	5.0
Thimphu	87	29.1
Trashigang	6	2.0
Trashi Yangtse	11	3.7
Trongsa	3	1.0
Tsirang	6	2.0
Wangdue Phodrang	7	2.3
Zhemgang	4	1.3
Bhutan	299	100.0

Source: Census of Manufacturing Industries, 2001

TABLE 6.11: NUMBER OF ESTABLISHMENT BY SECTOR & SIZE OF EMPLOYMENT, BHUTAN, 2000

Legal status by industry	Total persons engaged				
	1-5	6-10	11-20	21-30	31-40
Sole proprietorship/partners	87	59	45	23	10
Forest-based industry	31	24	30	9	5
Agro-based industry	36	15	6	5	1
Mineral-based industry	1	1	3	3	-
Others	19	19	6	6	4
Private Company	2	2	0	1	2
Forest-based industry	1	..	..	..	1
Agro-based industry	1	..	..	..	-
Mineral-based industry	..	1	..	1	1
Others	..	1	..	..	..
Joint Venture	1	0	1	0	0
Forest-based industry	..	..	..	..	..
Agro-based industry	1	..	..	..	..
Mineral-based industry	..	..	..	..	..
Others	..	..	1	..	..
Government company	1	2	0	4	1
Forest-based industry	1	..	..	1	..
Agro-based industry	..	2	..	1	..
Mineral-based industry	..	..	..	1	..
Others	..	..	..	1	1
Total	91	63	46	28	13

Contd...

TABLE 6.11 (contd.): NUMBER OF ESTABLISHMENT BY SECTOR & SIZE OF EMPLOYMENT, BHUTAN, 2000

Legal status by industry	Total persons engaged					Total
	41-50	51-100	101-200	201-300	300+	
Sole proprietorship/partners	6	12	7	3	0	252
Forest-based industry	1	5	1	1	..	107
Agro-based industry	2	1	2	..	..	68
Mineral-based industry	1	4	1	1	..	15
Others	2	2	3	1	..	62
Private Company	1	3	2	3	3	19
Forest-based industry	..	2	..	2	..	6
Agro-based industry	..	..	..	..	..	1
Mineral-based industry	1	1	2	1	2	10
Others	..	..	..	..	1	2
Joint Venture	0	2	0	1	3	8
Forest-based industry	..	1	..	..	2	3
Agro-based industry	..	..	..	..	..	1
Mineral-based industry	..	1	..	1	1	3
Others	..	..	..	..	..	1
Government Company	0	4	2	3	3	20
Forest-based industry	..	2	-	1	..	5
Agro-based industry	..	..	1	2	1	7
Mineral-based industry	..	..	..	..	1	2
Others	..	2	1	..	1	6
Total	7	21	11	10	9	299

Source: Census of Manufacturing Industries, 2001

TABLE 6.12: NUMBER OF PERSONS ENGAGED IN INDUSTRIES BY EMPLOYMENT STATUS AND SEX, BHUTAN, 2000

Type of industry	Male					
	All male	Proprietor	Employee	Casual	Skilled	Un-skilled
Forest based industry	3,877	78	1,512	812	943	532
Agro-based industry	1,327	58	324	320	332	293
Mineral based industry	5,385	17	1,357	1,935	673	1,403
Other based industry	3,573	37	1,409	553	909	665
All activities	14,162	190	4,602	3,620	2,857	2,893

Source: Census of Manufacturing Industries, 2001

TABLE 6.13: NUMBER OF PERSONS ENGAGED IN INDUSTRIES BY EMPLOYMENT STATUS AND SEX, BHUTAN, 2000

Type of industry	Female					
	All female	Proprietor	Employee	Casual	Skilled	Un-skilled
Forest based industry	551	18	185	138	70	140
Agro-based industry	854	22	59	366	52	355
Mineral based industry	459	4	74	217	55	109
Other based industry	888	22	205	281	221	159
All activities	2,752	66	523	1,002	398	763

Source: Census of Manufacturing Industries, 2001

TABLE 6.14: NUMBER OF PERSON ENGAGED IN INDUSTRIAL SECTORS BY EMPLOYMENT STATUS AND SEX, BHUTAN, 2000

Sector	Male					
	All male	Proprietor	Employee	Casual	Skilled	Unskilled
Sole proprietor	4,282.0	180.0	1,315.0	1,174.0	906.0	707.0
Private Company	2,406.0	7.0	601.0	648.0	707.0	443.0
Joint sector	3,842.0	3.0	1,079.0	1,232.0	455.0	1,073.0
Government company	3,632.0	0	1,607.0	566.0	789.0	670.0
All Sectors	14,162.0	190.0	4,602.0	3,620.0	2,857.0	2,893.0

Source: Census of Manufacturing Industries, 2001

TABLE 6.15: NUMBER OF PERSON ENGAGED IN INDUSTRIAL SECTORS BY EMPLOYMENT STATUS AND SEX, BHUTAN, 2000

Sector	Female					
	All female	Proprietor	Employee	Casual	Skilled	Unskilled
Sole proprietor	905.0	66.0	166.0	359.0	199.0	115.0
Private company	341.0	-	40.0	149.0	83.0	69.0
Joint sector	412.0	-	116.0	111.0	28.0	157.0
Government company	1,094.0	-	201.0	383.0	88.0	422.0
All Sectors	2,752.0	66.0	523.0	1,002.0	398.0	763.0

Source: Census of Manufacturing Industries, 2001

TABLE 7.1: LENGTH OF ROADS BY TYPE, BHUTAN, 2003 TO JUNE 2007

Type of road	Express- way	National highway	District road	Feeder road	Urban road	Farm road	Forest road	Access Road	Power tiller track	All road
(Length in Km)										
2003										
Black topped	0.0	1,578.10	459.00	1,327.20	91.70	n.a	551.10	n.a	n.a	4,007.10
Non-black topped	0.	1,559.10	360.00	401.40	91.10	n.a	7.00	n.a	n.a	2,418.50
	0.0	19.00	99.00	925.80	0.60	n.a	544.10	n.a	n.a	1,588.60
2004										
Black topped	0.0	1,577.20	459.00	1,226.50	109.20	251.50	529.50	n.a	n.a	4,152.90
Non-black topped	0.0	1,559.10	360.00	417.10	102.10	4.80	7.40	n.a	n.a	2,450.50
	0.0	18.20	99.00	809.40	7.10	246.40	522.10	n.a	n.a	1,702.20
2005										
Black topped	0.0	1,571.04	459.00	1,278.26	125.11	388.54	570.60	n.a	n.a	4,392.50
Non-black topped	0.0	1,552.89	360.00	420.16	117.15	4.84	7.38	n.a	n.a	2,462.42
	0.0	18.15	99.00	858.10	7.96	383.70	563.22	n.a	n.a	1,930.13
2006										
Black topped	0.0	1,556.00	510.95	1,246.91	130.22	525.85	574.80	n.a	n.a	4,544.73
Non-black topped	0.0	1,537.85	380.70	436.20	118.75	4.84	7.38	n.a	n.a	2,485.72
	0.0	18.15	130.25	810.71	11.47	521.01	567.42	n.a	n.a	2,059.01
2007										
Black topped	6.20	1,628.10	481.20	812.70	150.60	716.90	559.60	531.20	60.20	4,946.70
Non-black topped	6.20	1,544.10	449.50	158.50	137.70	n.a	7.00	291.50	n.a	2,594.50
	0.00	84.00	31.70	654.20	12.90	716.90	552.60	239.70	60.20	2,352.20

Source: Department of Roads, MoWHS, Thimphu.

TABLE 7.2: LENGTH OF ROADS BY TYPE AND DZONGKHAG, BHUTAN, AS OF JUNE 2007

Dzongkhag	Express-way	(Length in Km)									
		National highway	District road	Feeder road	Urban road	Farm road	Forest road	Access Road	Powertiller track	Total	Percentage
Bumthang	0.0	136.0	0.0	33.0	0.0	58.1	47.8	34.0	0.0	308.9	6.2
Chhukha	0.0	236.9	0.0	42.0	15.1	20.7	30.9	162.8	18.0	526.4	10.6
Dagana	0.0	0.0	87.0	29.5	1.5	45.5	0.0	2.7	0.0	166.2	3.4
Gasa	0.0	0.0	26.7	0.0	0.0	7.4	0.0	0.0	0.0	34.1	0.7
Ha	0.0	16.0	25.6	16.0	2.2	17.4	47.0	18.9	0.0	143.1	2.9
Lhuentse	0.0	0.0	45.0	54.8	0.8	36.2	7.1	3.6	9.0	156.5	3.2
Monggar	0.0	198.0	20.0	51.2	2.2	17.2	44.8	18.6	0.0	352.0	7.1
Paro	0.0	103.0	36.4	23.6	0.0	73.7	5.2	49.9	9.3	301.1	6.1
Pemagatshel	0.0	0.0	23.0	32.6	0.0	16.7	17.6	8.3	0.0	98.2	2.0
Punakha	0.0	9.0	33.0	40.5	4.4	89.2	59.0	14.0	10.4	259.5	5.2
Samdrupjongkhar	0.0	73.8	50.0	17.0	7.6	42.8	31.5	18.4	0.0	241.1	4.9
Samtse	0.0	28.0	49.0	51.6	9.0	16.2	7.0	3.3	0.0	164.1	3.3
Sarpang	0.0	123.4	0.0	38.5	0.0	61.4	93.3	3.4	0.0	320.0	6.5
Thimphu	6.2	111.0	0.0	42.9	84.0	27.8	103.9	75.7	0.0	451.5	9.1
Trashigang	0.0	121.0	5.0	115.5	4.0	66.5	8.5	30.9	0.0	351.4	7.1
Trashiyangtse	0.0	0.0	40.0	29.7	8.7	31.1	10.1	7.8	9.5	136.9	2.8
Trongsa	0.0	164.0	0.0	24.8	0.0	28.9	10.7	10.2	0.0	238.6	4.8
Tsirang	0.0	66.0	0.0	24.0	1.5	22.7	6.5	4.2	0.0	124.9	2.5
Wangdue	0.0	133.0	2.5	82.9	3.0	19.0	26.6	43.8	0.0	310.8	6.3
Zhemgang	0.0	109.0	38.0	62.8	6.6	18.4	2.3	20.8	4.0	261.9	5.3
Bhutan	6.2	1628.1	481.2	812.9	150.6	716.9	559.8	531.3	60.2	4,947.2	100.0

Source: Department of Roads, MoWHS, Thimphu.

TABLE 7.3: NUMBER AND LENGTH OF MOTORABLE BRIDGES BY TYPE, BHUTAN, AS ON JUNE, 2008

Type of bridges	Number	% by Number	(Length in m)	
			Length	% by Length
RCT Beam	51	19.6	968.3	12.3
RC Slab	25	9.6	384.1	4.9
Pre-Stressed Concrete	6	2.3	351.0	4.5
Bailey bridge	111	42.7	3,268.4	41.6
Bailey Suspension Bridge	1	0.4	311.0	4.0
Composite bridge	19	7.3	295.1	3.8
Composite arch bridge	1	0.4	48.0	0.6
Steel Hemilton	10	3.8	313.6	4.0
Submersible	7	2.7	193.5	2.5
RC Arch	3	1.2	265.0	3.4
Steel Pony Truss	4	1.5	190.0	2.4
Steel Truss/Grider	9	3.5	560.0	7.1
Steel Langer Arch	4	1.5	346.5	4.4
Multi Cell Box Culvert	2	0.8	48.0	0.6
Steel Arch Bridge	1	0.4	78.0	1.0
RC T-Girder	4	1.5	89.0	1.1
Fly Over	1	0.4	115.0	1.5
PT Slab	1	0.4	25.0	0.3
All bridges	260	100.0	7,849.3	100.0
Type of bridges	Number	% by number	Length (m)	% by length
Total Permanent bridges	148.0	56.9	3,518.3	44.8
Total Temporary bridges	112.0	43.1	4,331.0	55.2
Total No of bridges	260.0	100.0	7,849.3	100.0

Source: Bridge Division, DoR , MoWHS, Thimphu.

TABLE 7.4: NUMBER OF SUSPENSION BRIDGES COMPLETED DURING I TO IX FIVE YEAR PLAN PERIODS BY DZONGKHAG, BHUTAN, 2007

Dzongkhag	Plan periods						All plans (I - IX)	% (I - IX)
	I - IV	V	VI	VII	VIII	IX		
Bumthang	1	7	3	4	2	3	20	4.57
Chhukha	3	5	1	3	2	3	17	3.88
Dagana	2	2	2	3	4	3	16	3.65
Gasa	0	0	2	2	2	1	7	1.60
Ha	3	6	1	3	2	1	16	3.65
Lhuentse	3	4	2	3	5	3	20	4.57
Monggar	9	5	2	5	6	6	33	7.53
Paro	3	8	3	2	1	3	20	4.57
Pemagatshel	2	7	2	3	4	3	21	4.79
Punakha	3	4	1	0	2	3	13	2.97
Samdrupjongkhar	10	13	6	2	6	2	39	8.90
Samtse	10	14	2	1	2	3	32	7.31
Sarpang	9	8	5	0	5	2	29	6.62
Thimphu	0	1	3	3	1	3	11	2.51
Trashigang	7	12	2	3	8	7	39	8.90
Trashiyangtse	3	6	4	3	3	3	22	5.02
Trongsa	4	6	3	3	2	3	21	4.79
Tsirang	6	4	1	2	2	1	16	3.65
Wangdue	2	10	5	3	3	2	25	5.71
Zhemgang	1	5	4	4	4	3	21	4.79
Bhutan	81	127	54	52	66	58	438	100.00

Source: Bridge Division, DoR , MoWHS, Thimphu.

Notes:

The completed bridges include two power tiller bridges funded by RGoB/JICA, six pedestrain bridges funded by DANIDA/RGoB, three pedestrain bridges funded by DSP (Decentralisation Support Program) besides our normal planned bridges under suspension bridges programme. 12 of the planned bridges of the 9th FYP are under various stages of construction currently.

**TABLE 7.5: NUMBER OF REGISTERED VEHICLES BY TYPE AND REGION,
BHUTAN, 2002 TO 2007**

Region	Heavy	Medium	Light	Two-Wheeler	Taxi	Earth mover	Others	All Types
2002	2,747.0	770.0	10,071.0	8,371.0	1,423.0	464.0	584.0	24,430.0
Thimphu	553.0	411.0	6,691.0	5,160.0	1,013.0	135.0	397.0	14,360.0
Gelephu	96.0	46.0	383.0	627.0	18.0	14.0	89.0	1,273.0
Phuntsholing	1,923.0	261.0	2,653.0	1,837.0	379.0	267.0	17.0	7,337.0
Samdrupjongkhar	175.0	52.0	344.0	747.0	13.0	48.0	81.0	1,460.0
2003	2,810.0	781.0	11,428.0	7,507.0	1,560.0	479.0	438.0	25,003.0
Thimphu	623.0	473.0	7,586.0	4,540.0	1,079.0	158.0	184.0	14,643.0
Gelephu	85.0	49.0	332.0	628.0	21.0	10.0	138.0	1,263.0
Phuntsholing	1,915.0	230.0	3,144.0	1,608.0	441.0	272.0	17.0	7,627.0
Samdrupjongkhar	187.0	29.0	366.0	731.0	19.0	39.0	99.0	1,470.0
2004	2,964.0	919.0	13,359.0	6,583.0	1,785.0	472.0	658.0	26,740.0
Thimphu	709.0	597.0	9,006.0	3,276.0	1,235.0	158.0	358.0	15,339.0
Gelephu	137.0	5.0	327.0	704.0	26.0	9.0	140.0	1,348.0
Phuntsholing	1,938.0	277.0	3,619.0	1,739.0	504.0	265.0	41.0	8,437.0
Samdrupjongkhar	180.0	40.0	407.0	810.0	20.0	40.0	119.0	1,616.0
2005**	4,352.0	..	15,374.0	7,138.0	2,050.0	509.0	491.0	29,914.0
Thimphu	1,668.0	..	10,235.0	3,417.0	1,410.0	232.0	140.0	17,102.0
Gelephu	152.0	..	483.0	845.0	34.0	15.0	136.0	1,665.0
Phuntsholing	2,301.0	..	4,179.0	1,982.0	583.0	240.0	52.0	9,337.0
Samdrupjongkhar	231.0	..	477.0	894.0	23.0	22.0	163.0	1,810.0
2006	4,184.0	363.0	17,712.0	7,931.0	2,056.0	549.0	446.0	33,241.0
Thimphu	1,729.0	7.0	11,773.0	3,499.0	1,452.0	273.0	234.0	18,967.0
Gelephu	159.0	5.0	537.0	859.0	39.0	8.0	35.0	1,642.0
Phuntsholing	2,061.0	351.0	4,875.0	2,056.0	538.0	262.0	69.0	10,212.0
Samdrupjongkhar	235.0	-	527.0	1,517.0	27.0	6.0	108.0	2,420.0
2007	4,494.0	520.0	19,792.0	7,464.0	2,218.0	633.0	582.0	35,703.0
Thimphu	1,837.0	53.0	13,063.0	3,601.0	1,575.0	301.0	275.0	20,705.0
Gelephu	162.0	7.0	572.0	795.0	44.0	9.0	19.0	1,608.0
Phuntsholing	2,174.0	409.0	5,531.0	2,120.0	569.0	281.0	86.0	11,170.0
Samdrupjongkhar	321.0	51.0	626.0	948.0	30.0	42.0	202.0	2,220.0

Source: Road Safety and Transport Authority, MOIC, Thimphu.

Notes:

1. Excludes vehicles of armed forces.
2. "Others" include bull dozers, road rollers, pay loaders, excavators, cranes, tractors, power tillers, etc.
3. *For the year 2003, Medium-category vehicles are included in the Heavy category for Thimphu region.
4. ** From 2005 , medium category vehicles are included in the heavy category for all regions.

TABLE 7.6: NUMBER OF DRIVING LICENSES ISSUED BY REGION, BHUTAN, 2007

Region	No. of Licenses
Thimphu*	2,257.0
Phuentsholing	328.0
Gelephu	250.0
Samdrupjongkhar	399.0
Total	3,234.0

Source: Road Safety and Transport Authority, MOIC, Thimphu.

Note: *includes 624 Professional Driving Licenses (PDL)

TABLE 7.7: NUMBERS OF PASSENGERS CARRIED & REVENUE EARNED BY DRUK AIR FLIGHTS BY AREA OF OPERATION, 2003 TO 2007

(Nu. In Millions)

Area of operation	2003	2004	2005	2006	2007
Paro to Kolkata	3,592.0	4,990.0	6,933.0	7,359.0	7,305.0
Kolkata to Paro	3,116.0	4,397.0	6,242.0	6,190.0	6,470.0
Paro to Bangkok	8,431.0	10,879.0	13,642.0	15,642.0	17,996.0
Bangkok to Paro	8,269.0	10,610.0	13,265.0	15,608.0	17,656.0
Paro to Dhaka	462.0	n.a	n.a	136.0	642.0
Dhaka to Paro	471.0	n.a	n.a	108.0	899.0
Paro to Delhi	3,393.0	4,718.0	7,168.0	7,866.0	8,325.0
Delhi to Paro	3,469.0	4,608.0	7,222.0	7,782.0	8,180.0
Paro to Kathmandu	2,881.0	4,388.0	5,633.0	4,945.0	6,251.0
Kathmandu to Paro	2,953.0	4,163.0	5,805.0	4,801.0	6,378.0
Kathmandu to Delhi	2,121.0	2,687.0	4,333.0	7,432.0	9,281.0
Delhi to Kathmandu	1,046.0	985.0	2,531.0	3,059.0	6,727.0
Kolkata to Bangkok	2,059.0	2,693.0	9,602.0	10,934.0	6,849.0
Bangkok to Kolkata	1,991.0	2,312.0	8,798.0	10,750.0	7,414.0
Dhaka to Bangkok	1,279.0	n.a	n.a	123.0	2,666.0
Bangkok to Dhaka	558.0	n.a	n.a	91.0	1,759.0
Paro to Yangon	82.0	166.0	n.a	n.a	n.a
Yangon to Paro	82.0	127.0	n.a	n.a	n.a
Dhaka to Yangon	264.0	n.a	n.a	n.a	n.a
yangon to Dhaka	245.0	n.a	n.a	n.a	n.a
Gaya to Bangkok	n.a	n.a	n.a	3,203.0	2,748.0
Bangkok to gaya	n.a	n.a	n.a	2,954.0	2,776.0
Yangon to Bangkok	615.0	1,196.0	n.a	n.a	n.a
Bangkok to Yangon	169.0	401.0	n.a	n.a	n.a
Paro to Gaya	106.0	418.0	515.0	711.0	852.0
Gaya to Paro	58.0	274.0	510.0	443.0	537.0
kolkata to Yangon	n.a	14.0	n.a	n.a	n.a
Yangon to kolkata	n.a	19.0	n.a	n.a	n.a
Total passengers	47,712.0	6,005.0	92,199.0	110,137.0	121,711.0
Revenue (Nu.in millions)	451.3	609.8	838.9	1,184.2	1,255.5

Source: Druk Air Corporation Ltd., Paro.

**TABLE 7.8: NUMBER OF FLIGHTS MADE BY DRUK AIR BY AREA OF OPERATION,
2003 TO 2007**

(Numbers)

Area of operation	2003	2004	2005	2006	2007
Paro to Calcutta	167	275	266	267	239
Calcutta to Paro	166	260	268	265	240
Paro to Bangkok	270	267	264	394	376
Bangkok to Paro	271	271	266	390	375
Paro to Dhaka	103	0	n.a	18	87
Dhaka to Paro	105	0	n.a	18	83
Paro to Delhi	111	140	162	166	180
Delhi to Paro	109	139	162	161	185
Paro to Kathmandu	120	146	164	163	191
Kathmandu to Paro	120	152	165	164	188
Paro to Yangon	104	92	n.a	n.a	n.a
Yangon to Paro	104	101	n.a	n.a	n.a
Paro to Gaya	7	9	11	90	70
Gaya to Paro	7	9	11	94	72
Delhi to katmandu	104	137	160	155	178
katmandu to Delhi	104	122	148	154	171
Bangkok to kolkata	157	197	261	259	233
Kolkata to Bangkok	155	195	245	263	234
Gaya t o Bangkok	n.a	n.a	n.a	93	69
Bangkok to Gaya	n.a	n.a	n.a	95	73
Dhaka to Yangon	104	n.a	n.a	n.a	n.a
Yangon to Dhaka	104	n.a	n.a	n.a	n.a
kolkata to Yangon	n.a	13	n.a	n.a	n.a
yangon to Kolkata	n.a	13	n.a	n.a	n.a
Dhaka to Bangkok	104	n.a	n.a	18	88
Bangkok to Dhaka	104	n.a	n.a	18	83
yangon to bangkok	104	96	n.a	n.a	n.a
Bangkok to Yangon	104	100	n.a	n.a	n.a
Gaya to Dhaka	n.a	n.a	n.a	n.a	14
Dhaka to Gaya	n.a	n.a	n.a	n.a	14
All sectors	2,908.0	2,734.0	2,553.0	3,245.0	3,443.0

Source: Druk Air Corporation Ltd., Paro.

**TABLE 7.9: TELEPHONE CONNECTION CAPACITY BY EXCHANGE, BHUTAN,
2002 TO 2007**

Exchange (Switch type)	2003	2004	2005	2006	2007
Bubja(DRMASS)	n.a	n.a	n.a	128	128
Bartsham(DRMASS)	n.a	n.a	n.a	64	64
Basochu(DRMASS)	n.a	n.a	n.a	55	55
Bngtar(DAMA)	n.a	n.a	n.a	4	n.a
Chumey(SAU)	n.a	n.a	n.a	256	256
Chargarey(DRMASS)	n.a	n.a	n.a	42	64
Changmari(DRMASS)	n.a	n.a	n.a	128	128
Chapcha(DRMASS)	n.a	n.a	n.a	64	64
Dechencholing(ELU)	720	720	720	720	720
Damji(DRMASS)	n.a	n.a	n.a	30	30
Dramtse(DRMASS)	n.a	n.a	n.a	64	64
Deothang(SAU)	n.a	n.a	n.a	512	512
Dagana(DRMASS)	n.a	n.a	n.a	128	128
Dagana(VoIP)	n.a	n.a	n.a	400	400
Drujegang(DRMASS)	128	128	128	64	64
Dagapela(DRMASS)	n.a	n.a	n.a	64	64
Damphu(RLU)	636	636	992	n.a	n.a
Damphu(E10)	n.a	n.a	n.a	992	992
Damphu(corVAN)	n.a	n.a	n.a	n.a	900
Damthang(SAU)	n.a	n.a	n.a	256	256
Gepshing(DRMASS)	n.a	n.a	n.a	128	n.a
Gepshing(RLU)	n.a	n.a	n.a	n.a	508
Gelephu(LS)	1,572	1,572	1,652	2,164	2,164
Gelephu(corDECT)	n.a	n.a	n.a	1000	324
Gedu(CDOT)	n.a	n.a	n.a	672	n.a
Gedu(SAU)	n.a	n.a	n.a	n.a	640
Gomtu(SAU)	n.a	n.a	n.a	384	384
Gasa(DRMASS)	n.a	n.a	n.a	128	128
HAA(DRMASS)	249	532	532	n.a	n.a
HAA(RLU)	n.a	n.a	n.a	732	732
Jakar(RLU)	892	892	892	892	892
Jomotsangkha(EPOST)	n.a	n.a	n.a	108	n.a
Jomotsangkha(VoIP)	n.a	n.a	n.a	n.a	108
Jengkha(DRMASS)	n.a	n.a	n.a	64	64
Khasadrapchu(SAU)	n.a	n.a	n.a	384	384
Khaling(DRMASS)	n.a	n.a	n.a	128	128
Kanglung(DRMASS)	n.a	n.a	n.a	n.a	n.a
Kanglung(RLU)	540	540	508	n.a	n.a
Kanglung(E10)	n.a	n.a	n.a	1,008	1,008
Kanglung(corVAN)	n.a	n.a	n.a	n.a	1550
Lhuntse(DRMASS)	128	123	123	127	n.a
Lobesa(DRMASS)	n.a	n.a	n.a	128	128
Laya(EPOST)	n.a	n.a	n.a	8	1
Lingshi(DAMA)	n.a	n.a	n.a	4	n.a
Lingshi(VoIP)	n.a	n.a	n.a	n.a	4
Lhamoi Zhingkha(DAMA)	n.a	n.a	n.a	4	n.a
Mongar(RLU)	540	832	892	892	892

Contd.

**TABLE 7.9(contd.): TELEPHONE CONNECTION CAPACITY BY EXCHANGE,
BHUTAN, 2002 TO 2007**

Exchange (Switch type)	2003	2004	2005	2006	2007
Mongar (corVAN)	n.a	n.a	n.a	n.a	900
Merak(EPOST)	n.a	n.a	n.a	8	1
Menjowong(EPOST)	n.a	n.a	n.a	8	1
Nganglam(DAMA)	n.a	n.a	n.a	4	n.a
Nganglam(SAU)	n.a	n.a	n.a	n.a	128
Pemagatshel(RLU)	376	376	504	504	504
Phontsholing(LS)	3,832	3,832	6,008	6,008	6,008
Phuntsholing(corDECT)	n.a	n.a	n.a	560	400
Padechu(DRMAS)	n.a	n.a	n.a	20	
Pasakha(SAU)	n.a	n.a	n.a	640	384
Paro(LS)	1,784	1,784	2,680	3,192	3,192
Paro(corDECT)	n.a	n.a	n.a	1000	650
Punakha(RLU)	504	632	632	632	632
Panbang(DAMA)	n.a	n.a	n.a	104	n.a
Panbang(VoIP)	n.a	n.a	n.a	n.a	8
Rangjung(DRMAS)	n.a	n.a	n.a	128	128
Ramitey(DRMAS)	n.a	n.a	n.a	64	64
Simtokha(ELU)	720	720	720	720	720
Samdrupjongkhar(LS)	968	968	1,140	1,396	1,396
Samdrupjongkhar(corVAN)	n.a	n.a	n.a	n.a	850
Sinkhar Lauri(EPOST)	n.a	n.a	n.a	8	1
Sarpang(DRMAS)	256	256	256	n.a	n.a
Sarang(RLU)	n.a	n.a	n.a	892	892
Surey(DRMAS)	n.a	n.a	n.a	64	64
Sinchekha(SAU)	n.a	n.a	n.a	384	384
Samtse(LS)	884	892	1,788	1,788	1,788
Samtse(corVAN)	n.a	n.a	n.a	n.a	550
Sibsu(SAU)	n.a	n.a	n.a	384	384
Satsam(SAU)	n.a	n.a	n.a	512	512
Sombekha(EPOST)	n.a	n.a	n.a	8	1
Sakten(DAMA)	n.a	n.a	n.a	4	n.a
Thimphu(LS/INTS)	15,448	15,464	18,032	17,376	18,416
Thimphu(corDECT)	0	1,000	1,000	4,000	n.a
Thimphu(corVAN)	n.a	n.a	n.a	n.a	800
Trongsa(LS)	628	636	892	892	892
Tshangkha(DRMAS)	n.a	n.a	n.a	64	80
Trongsa(corVAN)	n.a	n.a	n.a	4,000	650
Trashigang(LS)	1,180	1,180	1,404	1,756	1,756
Tshenkerla(DRMAS)	n.a	n.a	n.a	128	128
Trashiyangtse(DRMAS)	128	128	128	128	128
Tangmachu(DRMAS)	n.a	n.a	n.a	64	64
Tala(DRMAS)	n.a	n.a	n.a	64	64
Tashijong(DRCS)	n.a	n.a	n.a	5	5
Tshimasham(RLU)	604	620	676	764	764
Tshimasham(CorDECT)	n.a	n.a	n.a	1,000	250
VoIP	n.a	n.a	n.a	48	4
Wangdue(RLU)	636	764	976	n.a	n.a
Wangdue(E10)	n.a	n.a	n.a	1,376	1,376
Wangdue(corVAN)	n.a	n.a	n.a		950
Wamrong(DRMAS)	n.a	n.a	n.a	128	128
Yusipang(DRMAS)	n.a	n.a	n.a	125	125
Yadi(DRMAS)	n.a	n.a	n.a	64	64
Yosel Tshe(DRMAS)	n.a	n.a	n.a	12	n.a

Contd.

TABLE 7.9(contd.): TELEPHONE CONNECTION CAPACITY BY EXCHANGE, BHUTAN, 2002 TO 2007

Exchange (Switch type)	2003	2004	2005	2006	2007
Zhemgang(RLU)	376	376	376	376	376
Zhemgang(corDECT)	0	1,000	1,000	1,000	284
Zhemgang(corVAN)	n.a	n.a	n.a	n.a	500
Total capacity	33,729	36,603	48,295	59,024	56,702

Source: Bhutan Telecom Corporation Ltd., Thimphu.

Note: ALL DRMASS/SAU capacity are included in the HOST exchanges

LS-Local Switch, TS- Toll Switch,INTS- International Switch,

RLU-Remote Line Unit,DRMASS-Digital Radio Multiple Access System,

E10-(IN Switch) Intelligent Network< EPOST-(VSAT) Very Small Aperture Treminals

DAMA-Damand Assigned Multiple Access,SAU-Subscriber Access Unit,

VoIP- Voice over Internet Protocol,

TABLE 7.10: NUMBER OF TELEPHONE TRUNK CIRCUITS, BHUTAN, 2007

Sector	Type of connection	Existing circuits
Thimphu INTS - London (BT)	Bothway	19
Thimphu INTS- Singapore (ST)	Bothway	8
Thimphu INTS - Japan (KDD)	Bothway	14
Thimphu INTS - Telco214(USA)	Bothway	30
Thimphu TLS - Intel.Gateway Switch	Bothway	90
Thimphu INTS - Nepal	Bothway	7
Thimphu INTS - Thailand	Bothway	7
Thimphu INTS - India	Bothway	90
Thimphu TLS - Phuntsholing	Bothway	147
Thimphu TLS - Trongsa	OG	44
Thimphu TLS - Trongsa	IC	44
Thimphu TLS - Gelephu	OG	29
Thimphu TLS - Gelephu	IC	29
Thimphu TLS- Trashigang	OG	14
Thimphu TLS- Trashigang	IC	14
Thimphu TLS - Samdrup Jongkhar	OG	29
Thimphu TLS - Samdrup Jongkhar	IC	29
Thimphu TLS - Paro	Bothway	88
Thimphu TLS - Wangdue Phodrang	Bothway	90
Thimphu INTS - Wangdue Phodrang	Bothway	60
Thimphu TLS- Punakha	N/A	n.a
Thimphu TLS - Decholing	N/A	n.a
Thimphu TLS- Basochu	N/A	n.a
Thimphu TLS - Kasa Dapchu	N/A	n.a
Thimphu TLS- Yoesepang	N/A	n.a
Thimphu TLS - Lobesa	N/A	n.a
Thimphu TLS - VOIP National	Bothway	30
Thimphu TLS - VOIP International	Bothway	30
Thimphu TLS - Gasa	N/A	n.a
Thimphu TLS - Damjee (Gasa)	N/A	n.a
Thimphu TLS- Simtokha	N/A	n.a
Thimphu TLS- DAMA	N/A	n.a
Thimphu TLS- DAMA	N/A	n.a
Thimphu TLS- Thimphu corVAN	Bothway	60

TABLE 7.10(contd.): NUMBER OF TELEPHONE TRUNK CIRCUITS, BHUTAN, 2007

Sector	Type of connection	Existing circuits
Thimphu TLS-kanglung	Bothway	91
Thimphu TLS- Samtse	Bothway	60
Thimphu TLS- Damphu	Bothway	60
Thimphu TLS- Druknet	OG	300
Trongsa - Jakar	N/A	n.a
Trongsa - Zhemgang	N/A	n.a
Trongsa - Tshangkha	N/A	n.a
Trongsa - Bubja	N/A	n.a
Trongsa - Chumey	N/A	n.a
Trongsa - Gelephu	OG	30
Trongsa - Gelephu	IC	30
Trongsa - S/Jongkhar	N/A	n.a
Trongsa - S/Jongkhar	N/A	n.a
Trongsa - DAMA	N/A	n.a
Trongsa - DAMA	N/A	n.a
Trongsa -Zhemgang cor DECT	Bothway	30
Trongsa - Trongsa cor VAN	Bothway	60
Trongsa - Kanglung	Bothway	60
Trashigang - Mongar	N/A	n.a
Trashigang - Tashi Yangtse	N/A	n.a
Trashigang - Yonphula	N/A	n.a
Trashigang - Khaling	N/A	n.a
Trashigang - Wamrong	N/A	n.a
Trashigang - Tshenkherla	N/A	n.a
Trashigang - Rangjung	N/A	n.a
Trashigang - Dremetse	N/A	n.a
Trashigang - Bartsham	N/A	n.a
Trashigang - Kanglung	Bothway	90
Trashigang - Yadi	N/A	n.a
Trashigang DAMA	N/A	n.a
Trashigang DAMA	N/A	n.a
Mongar - Luntse	N/A	n.a
Mongar - Tangmachu	N/A	n.a
Mongar - Gelpoishing	N/A	n.a
Kanglung- kanglung cor VAN	Bothway	60
Kanglung- Mongar cor VAN	Bothway	60
S/Jongkhar - Pemagatshel	N/A	n.a
S/Jongkhar - Deothang	N/A	n.a
S/Jongkhar - Kanglung	Bothway	60
S/Jongkhar - Tashigang	N/A	n.a
S/Jongkhar DAMA	N/A	n.a
S/Jongkhar DAMA	N/A	n.a
Jomoitshangkha DAMA	N/A	n.a
Nanglam DAMA	N/A	n.a
Bangtar DAMA	N/A	n.a
Gelephu - DAMA	N/A	n.a
Gelephu - Sarpang	N/A	n.a
Gelephu - Tsirang	Bothway	60
Gelephu - Surey	N/A	n.a
Gelephu - Gelephu corDECT	Bothway	30
Panbang DAMA	N/A	n.a
Tsirang - Dagana	N/A	n.a
Tsirang - Dagapela	N/A	n.a
Tsirang - Drukjegang	N/A	n.a
Tsirang - Tsirang corVAN	Bothway	60

TABLE 7.10(contd.): NUMBER OF TELEPHONE TRUNK CIRCUITS, BHUTAN, 2007

Sector	Type of connection	Existing circuits
Phuntsholing - Samtse	Bothway	60
Phuntsholing - Gedu	N/A	n.a
Phuntsholing - Pasakha	N/A	n.a
Phuntsholing - Remetey	N/A	n.a
Phuntsholing - Paro	Bothway	60
Phuntsholing - Samtse	Bothway	58
Phuntsholing - Phuntsholing corDECT	Bothway	60
Phuntsholing - Kolkata	OG	70
Phuntsholing - Kolkata	IC	20
Phuntsholing - Delhi	Bothway	60
Paro - Tsimatsham	N/A	n.a
Pare - Haa	N/A	n.a
Paro - Chapcha	N/A	n.a
Paro - Haa Damthang	N/A	n.a
Paro - Haa Jengkhana	N/A	n.a
Paro - Paro corDECT	Bothway	30
Paro - Tsimasham corDECT	Bothway	30
Thimphu B-Mobile MSC -PSTN Thimphu	Bothway	338
Thimphu B-Mobile MSC -PSTN Intl gateway switch	Bothway	60
Thimphu B-MobileMSC-PSTN Wangdue	Bothway	122
Samtse - DAMA	OG	Contd. 3
Samtse - DAMA	IC	3
Samtse - Samtse corVAN	Bothway	60
Wangdue -Tsirang	Bothway	60
Wangdue -Kanglung	Bothway	60
Wangdue -wangdue corVAN	Bothway	61
Total trunk lines (National, International and DAMA)		3,358

Source: Bhutan Telecom Corporation Ltd., Thimphu.

TABLE 7.11: NUMBER OF TRUNK LINES, CONNECTION CAPACITIES & SETS IN USE, BHUTAN, 2003 TO 2007

Details	2003	2004	2005	2006	2007
Trunk lines	713	2,699	3,102	3,140	3,358
Satellite Communications	128	164	162	232	205
International Lines	50	86	96	168	205
Domestic (DAMA)	78	78	66	64	n.a
Digital Microwave	480	480	480	480	480
Digital Radio Concentrator System	15	15	15	15	n.a
DRMASS	60	120	120	120	120
VOIP	30	30	56	56	30
SDH	n.a	1,890	7,560	11,340	11,340
Connection capacity	34,120	39,036	48,295	59,024	56,702
Telephone sets in use	23,657	30,285	32,709	31,526	30,279
Cellular Mobile Subscribers	7,736	18,995	37,842	82,078	148,179

Source: Bhutan Telecom Corporation Ltd., Thimphu.

TABLE 7.12: NUMBER OF TELEPHONE TRUNK CALLS BY TYPE, BHUTAN, 2003 TO 2007

Type of call	2003	2004	2005	2006	2007
Domestic call	13,684,113	17,626,815	22,692,205	25,784,563	24,421,096
International calls	273,431	1,860,705	1,877,931	1,949,680	1,899,478
India	1,710,548	1,578,465	1,613,460	1,686,267	1,660,127
Other	n.a	282,240	264,471	263,413	239,351
All calls	15,668,092	21,348,225	26,448,067	29,683,923	28,220,052

Source: Bhutan Telecom Corporation Ltd., Thimphu.

TABLE 7.13: TELECOMMUNICATION TRAFFIC IN MINUTES AND REVENUE EARNINGS, BHUTAN, 2003 TO 2007

Type of call	2003	2004	2005	2006	2007
Domestic calls (minutes)	34,210,284	38,394,147	64,676,091	70,995,238	50,325,711
International calls (minutes)	4,959,950	5,509,120	6,139,579	5,842,238	5,545,720
India	4,276,372	4,605,610	5,163,205	4,913,824	4,742,024
Other countries	683,578	903,510	976,374	928,414	803,696
Total calls (Domestic + International)	39,170,234	43,903,267	70,815,670	76,837,476	55,871,431
Revenue earnings (Nu. in Million)	419.00	594.00	709.00	877.00	1,158.00

Source: Bhutan Telecom Corp. Ltd, Thimphu.

TABLE 7.14: NUMBER OF COMMUNICATION FACILITIES, BHUTAN, 2003 TO 2007

Postal infrastructure	2003	2004	2005	2006	2007
General Post Offices	2	2	2	2	2
Post Offices	9	10	34	41	41
Branch Post Offices	n.a	n.a	n.a	n.a	n.a
Agency Post Offices	33	33	7	0	0
Community Mail Offices	66	65	54	47	47
Telegraph or Fax Offices	n.a	n.a	n.a	35	37
Wireless Stations(a)	n.a	n.a	n.a	n.a	n.a
Total	110	110	97	125	127

Note:

Source: Bhutan Postal Corp. Ltd, Thimphu.

WT.Stations are merged with Telecommunication Division since July 1995 (a) Includes 3 stations installed at New Delhi, Dhaka and Kalimpong.

TABLE 7.15: VOLUME OF POSTAL MAIL TRAFFIC BY DESTINATION, BHUTAN, 2003 TO 2007

Type of service	2003	2004	2005	2006	2007
Domestic	1,148,292	955,292	852,314	720,830	795,476
International	590,400	559,769	722,753	768,641	319,728
Dispatch	204,900	186,716	139,660	170,161	158,067
Receipt	385,500	373,053	583,093	598,480	161,661
Total mail items	1,738,692	1,515,061	1,575,067	1,489,471	1,115,204

Source: Bhutan Postal Corp. Ltd, Thimphu.

TABLE 7.16: VOLUME OF MAIL, BY TYPE OF ARTICLE AND DESTINATION, BHUTAN, 2007

Type of mail	Actual Volume Total Domestic	International		
		Total	Inward	Outward
Letter-post items				
Ordinary letter	574,461	243,824	130,251	113,573
Registered items	96,147	34,366	20,246	14,120
Parcels	2,711	1,782	1,441	341
Express mail service (EMS)	33,341	10,678	6,418	4,260
Post Overnight Courier (POC)		29,078	3,305	25,773
Electronic mail				
Local Urgent Mail (LUM)	88,816	n.a	n.a	n.a
Facsimile message	n.a	n.a	n.a	n.a
All mail items	795,476	319,728	161,661	158,067

Source: Bhutan Postal Corp. Ltd, Thimphu.

TABLE 7.17: NUMBER AND VALUE OF MONEY ORDER BY TYPE, BHUTAN, 2003 TO 2007

Type	2003	2004	2005	2006	2007
Total money order					
Number of orders ('000)	38,780	33,381	41,971	43,927	69,403
Amount of orders ('000 Nu.)	67,981,300	82,296,406	89,481,948	115,114,821	160,583,947
Domestic money order					
Number of orders ('000)	23,000	23,140	28,986	34,387	62,033
Amount of orders ('000 Nu.)	36,021,200	49,602,026	62,912,814	91,250,905.9	139,602,943
International money order					
Number of orders ('000)	15,700	9,916	11,933	9,129	7,331
Amount of orders ('000 Nu.)	31,844,200	32,435,814	26,219,504.4	23,739,977	20,518,826
Receipts					
Number of orders ('000)	80	325	1,052	411	39
Amount of orders ('000 Nu.)	115,900	258,566	349,629.6	123,938.1	462,178

Source: Bhutan Postal Corp. Ltd, Thimphu.

TABLE 8.1: ELECTRICITY GENERATING STATIONS AND THEIR CAPACITIES, BHUTAN, FY 2005/06 & 2006/07

Generating stations (Dzongkhag)	2005/06				2006/07			
	Installed capacity (No. x MW)	Generating capacity (MW)	Peak generation (MW)	Energy generation (MU)	Installed capacity (No. x MW)	Generating capacity (MW)	Peak generation (MW)	Energy generation (MU)
Hydro stations (a)								
Chhukha	4 x 84.000	336.000	360.000	1931.907	4 x 84.000	336.000	360.000	1830.419
Chumey (Bumthang)	3 x 0.500	1.080	1.300	3.678	3 x 0.500	1.080	1.350	3.723
Gidakom (Thimphu)	5 x 0.250	0.816	0.850	5.521	5 x 0.250	0.816	1.225	5.862
Jushina (Thimphu)	4 x 0.090	0.360	0.260	1.102	4 x 0.090	0.270	0.270	1.336
Kurichu (Mongar)	4 x 15.000	60.000	60.000	365.623	4 x 15.000	60.000	60.000	374.449
Basochu..I (W/phodrang)	2 x 12.000	24.000	24.000	117.826	2 x 12.000	24.000	24.000	110.733
Basochu..II (W/phodrang)	2 x 20.000	40.000	41.400	213.838	2 x 20.000	40.000	40.000	203.524
THPA (Chhukha)	-	-	-	-	6 x 170.000	1122.000	1020.000	1979.617
Rangjung (Trashigang)	2 x 1.100	2.200	1.200	1.227	2 x 1.100	2.200	1.110	2.709
Chenari (Trashigang)	3 x 0.250	0.000	0.000	0.000	3 x 0.250	0.500	0.220	0.644
Khaling (Trashigang)	3 x 0.000	0.000	0.000	0.000	3 x 0.000	Decommissioned due to flood		
Khalanzi (Mongar)	3 x 0.130	0.260	0.228	0.483	3 x 0.130	0.260	0.240	0.515
Wangduephodrang	3 x 0.100	0.340	0.118	0.542	3 x 0.100	0.200	-	0.523
Micro hydels								
Lhuntse (Lhuntse)	2 x 0.060	0.120	-	0.149	2 x 0.060	0.080	-	0.160
Rukubji (W/phodrang)	1 x 0.040	0.040	-	0.059	1 x 0.040	0.040	-	0.068
Tangsibi (Trongsa)	1 x 0.030	0.030	-	0.034	1 x 0.030	0.030	-	0.039
Trongsa (Trongsa)	1 x 0.050	0.050	-	0.108	1 x 0.050	0.050	-	0.281
Bubja (Trongsa)	1 x 0.030	0.030	-	0.110	1 x 0.030	0.030	-	0.112
Tamshing (Bjakar)	1 x 0.030	0.030	-	0.074	1 x 0.030	0.030	-	0.067
Ura (Bjakar)	1 x 0.050	0.050	-	0.175	1 x 0.050	0.050	-	0.168
Yadi (Mongar)	1 x 0.030	0.030	-	0.000	1 x 0.000	Decommissioned due to grid supply		
Kekhar (Zhemgang)	1 x 0.020	0.020	-	-	1 x 0.020	0.020	-	0.025
Surey (Sarpang)	1 x 0.070	0.070	-	0.098	1 x 0.070	0.070	-	0.010
Damphu (Tsirang)	2 x 0.100	0.200	0.140	0.889	2 x 0.100	0.200	0.150	0.918
Tingtibi (Zhemgang)	2 x 0.100	0.200	0.120	0.201	2 x 0.100	0.200		0.100
Dagana (Dagana)	2 x 0.100	0.200	0.150	0.706	2 x 0.100	0.200	0.160	0.846
Lingzhi (Thimphu)	1 x 0.008	0.008	-	-	1 x 0.008	0.008	-	-
Rongchu (Lhuentse)	2 x 0.100	0.200	0.230	1.125	2 x 0.100	0.200	0.210	1.031
Chendebeji	1 x 0.070	0.070	0.071	0.374	1 x 0.070	0.070	-	0.583
Sengor (Mongar)	1 x 0.100	-	-	-	1 x 0.100	0.100	-	0.110

contd...

TABLE 8.1(contd.): ELECTRICITY GENERATING STATIONS AND THEIR CAPACITIES, BHUTAN, FY 2005/06 & 2006/07

Generating stations (Dzongkhag)	2005/06			2006/07				
	No of Machines	Generating Capacity (MW)	Peak generation (MW)	Energy generation (MU)	No of Machines	Generating Capacity (MW)	Peak generation (MW)	Energy generation (MU)
Diesel generation stations								
Thimphu	7	-	-	0.005	7	-	-	0.004
Paro	1	-	-	0.000	1	-	-	-
Phuentsholing	3	0.000	-	0.346	3	0.000	-	0.371
Damphu	3	-	-	0.075	3	-	-	0.082
Trongsa	2	-	-	0.189	2	-	-	0.193
Gelephu	2	0.692	-	0.003	2	0.692	-	-
Sarpang	2	0.505	-	0.003	2	0.505	-	0.002
Kalikhola	2	0.000	-	0.346	2	0.000	-	-
Zhemgang	3	-	-	0.003	3	-	-	0.001
Dagana	2	-	-	0.004	2	-	-	0.004
Trashigang	4	-	-	0.000	4	-	-	0.000
Bjakar	4	0.806	-	0.854	4	0.806	-	1.005
Mongar	1	-	-	0.007	1	-	-	0.001
Samdrupjongkhar	2	-	-	0.010	2	-	-	0.005
Trashiyangtse	1	-	-	0.025	1	-	-	0.007
Pemagatshel	1	-	-	0.003	1	-	-	0.001
Samtse	1	-	-	0.000	1	-	-	0.000
Other diesel stations								
Penden Cement Authority Ltd.	4	3.600	-	0.000	2	1.800	-	0.006
Bhutan Board Products Ltd.	2	0.458	-	-	2	0.458	-	-
Chhukha Hydro Power Corp.	5	1.949	-	-	4	1.250	-	-
Bhutan Carbide & Chemical Ltd.	2	0.225	-	0.003	3	0.338	-	0.005
Bhutan Ferro Alloys Ltd.	1	0.288	-	0.146	2	0.684	-	0.141
Kurichu Project Authority	2	0.563	-	0.028	3	1.276	-	0.014
Basochu Project Authority	1	0.090	-	0.000	1	0.117	-	0.000
Tala Hydroelectric Project Authority	-	-	-	-	1	2.250	-	-

Source: Department of Energy, MoEA, Thimphu

Note: The given energy generation are annual energy generation during 2005/06 & 2006/07

**TABLE 8.2: TOTAL ELECTRICITY GENERATION AND SUPPLY, BHUTAN,
2002/03 TO 2006/07**

Details	2002/03	2003/04	2004/05	2005/06	2006/07
Installed capacity (MW)	437.82	437.82	477.82	477.26	1,497.36
Chhukha hydro power	336.00	336.00	336.00	336.00	336.00
Kurichu hydro power	60.00	60.00	60.00	60.00	60.00
Basochu - I hydro power	24.00	24.00	24.00	24.00	24.00
Basochu - II hydro power	-	-	40.00	40.00	40.00
THPA	-	-	-	-	1020.00
Other hydro power	8.63	8.63	8.63	8.07	8.17
All diesel generators	9.19	9.19	9.19	9.19	9.19
Electricity generation (MU)	2,200.16	2,528.45	2,354.70	2,647.72	4,520.25
Chhukha hydro power	1,815.36	2038.39	1764.34	1931.91	1830.42
Kurichu hydro power	255.77	332.89	340.43	365.62	374.45
Basochu - I hydro power	109.28	131.84	116.31	117.83	110.73
Basochu - II hydro power	-	-	114.68	213.84	203.52
THPA					1979.62
Other hydro power	19.14	23.46	17.39	16.65	19.83
All diesel generators	0.61	1.87	1.55	1.87	1.68
Exports (MU)	1,560.44	1844.5	1623.66	1943.43	3643.71
Imports (MU)	24.30	18.72	21.04	34.35	11.06
Total energy requirement (MU)	664.33	702.9	752.34	738.30	887.76
Total energy sales (MU)	571.27	580.19	622.16	620.89	766.72
Energy losses (MU)	93.05	122.72	130.18	117.41	121.05
Percentage losses (%)	14.00	17.00	17.00	16.00	14.00
Peak system demand (MW)	105.33	112	120.00	128.00	157.00
Length of HT lines (33/11 KV)					
Overhead lines (km)	1,712.53	1995.57	1895.54	2084.34	2404.32
Underground lines (km)	27.23	28.11	40.4	43.03	49.76
Length of LT lines					
Overhead lines (km)	1,802.39	1918.57	2134.24	2272.49	3080.50
Underground lines (km)	63.06	65.79	70.37	229.44	194.62

Source: Department of Energy, MoEA, Thimphu

TABLE 8.3: MAJOR TRANSMISSION LINES FOR EVACUATING HYDRO POWER FROM MAJOR POWER PLANT, 2006 TO 2007

Stations	2006			2007			220 KV line(Km)	132 KV line(Km)	400kv Line (Km)	220 KV line(Km)	132 KV line(Km)	66 KV line(Km)
Tala- Khogla	-	-	-	-	-	-	-	-	24.615 (D/C)	-	-	-
Tala- Malbasse - Pugli	-	-	-	-	-	-	-	-	49.528 (D/C)	-	-	-
-Chhukha - Birpara	71.280	-	-	-	-	-	-	-	-	71.280	-	-
Chhukha - Singhigoan	33.320	-	-	-	-	-	-	-	-	33.320	-	-
Chhukha - Simtokha	54.367	-	-	-	-	-	-	-	-	54.367	-	-
Indian Border - Singhigaon	2.500	-	-	-	-	-	-	-	-	2.500	-	-
Rurichu - Simtokha	36.430	-	-	-	-	-	-	-	-	36.430	-	-
Gelephug - Indian border	-	-	-	-	-	0.300	-	-	-	-	0.300	-
Gyleposhing - kilikhar	-	-	-	-	-	10.214	-	-	-	-	10.214	-
Kilikhar - Kanglung	-	-	-	-	-	29.807	-	-	-	-	29.807	-
Kilikhar - Lhuentse	-	-	-	-	-	43.100	-	-	-	-	43.100	-
Nangkor - Deothang	-	-	-	-	-	23.668	-	-	-	-	23.668	-
Gyleposhing - Nangkor	-	-	-	-	-	33.700	-	-	-	-	33.700	-
Nangkor - Nganglam	-	-	-	-	-	34.300	-	-	-	-	34.300	-
Nganglam - Tingtibi	-	-	-	-	-	83.200	-	-	-	-	83.200	-
Tingtibi - Gelephug	-	-	-	-	-	46.000	-	-	-	-	46.000	-
Chhukha - Gedu	-	-	-	-	-	-	20.100	-	-	-	-	20.100
Gedu - Phuntsholing	-	-	-	-	-	-	17.700	-	-	-	-	17.700
Chhukha - Confluence	-	-	-	-	-	-	36.700	-	-	-	-	36.700
Confluence - Simtokha	-	-	-	-	-	-	18.300	-	-	-	-	18.300
Confluence - Haa	-	-	-	-	-	-	33.522	-	-	-	-	33.522
Simtokha - Dechenchholing	-	-	-	-	-	-	11.900	-	-	-	-	11.900
Confluence - Paro	-	-	-	-	-	-	24.022	-	-	-	-	24.022
Simtokha - W/phodrang	-	-	-	-	-	-	26.023	-	-	-	-	26.023
Lobeysa - Basochhu	-	-	-	-	-	-	23.023	-	-	-	-	23.023
Phuntsholing - Gomtu	-	-	-	-	-	-	27.002	-	-	-	-	27.002
Phuntsholing - Singhigoan	-	-	-	-	-	-	8.380	-	-	-	-	8.380
Phuntsholing - Birpara	-	-	-	-	-	-	Redundant	-	-	-	-	Redundant
Khasadrapchu - Jemina	-	-	-	-	-	-	5.960	-	-	-	-	5.960
Hebisa - Rurichu	-	-	-	-	-	-	3.080	-	-	-	-	3.080
Tie- Line-Watsa	-	-	-	-	-	-	0.500	-	-	-	-	0.500
Total	71.28 (D/C) : :126.617 (S/C)			256.212			304.289	71.28 (D/C) : :126.617 (S/C)			304.289	256.212

Source: Department of Energy, MoEA, Thimphu

Note: D/C stands for double circuit and S/C for single circuit

**TABLE 8.4: DETAILS OF DOMESTIC ELECTRICAL ENERGY CONSUMPTION,
2002/03 TO 2006/07**

Details	2002/03	2003/04	2004/05	2005/06	2006/07
Towns electrified (numbers)	40	40	46	68	71
Villages electrified (numbers)	819	1,064	1,210	1318	1761
Consumers ('000)	44.7	52.9	57.5	64.3	71.1
Sales of energy (million Nu.)	468.2	539.0	647.7	620.9	766.7
Per capita energy consumption (Units)	927.3	957.2	1,184.8	1141.4	1362.4

Source: Department of Energy, MoEA, Thimphu

Note:

The per capita Energy consumption has increased from 2002/03 partly because of change in format which started including generation of CHPC, BHPC and KHPC. Per capita energy consumption for 2006/07 is based on population of 651598

**TABLE 8.5: MONTHLY REVENUE FROM SALE OF ENERGY FROM CHHUKHA
HYDROPOWER, 2005 TO 2007**

Month	2005			2006			2007		
	Export	Internal	Total	Export	Internal	Total	Export	Internal	Total
January	43.58	14.65	58.23	53.82	17.33	71.15	113.29	6.49	119.78
February	29.8	13.73	43.52	31.87	15.17	47.03	99.15	5.74	104.89
March	55.36	14.03	69.39	26.09	16.57	42.66	142.07	6.29	148.36
April	93.35	12.76	106.12	97.63	14.56	112.19	206.94	4.31	211.25
May	196.25	13.18	209.43	249.11	15.16	264.27	257.95	3.82	261.77
June	195.95	12.99	208.93	430.02	14.63	444.65	368.99	3.74	372.73
July	502.78	16.31	519.09	513.48	15.99	529.47	542.25	3.99	546.24
August	519.91	14.24	534.15	585.61	3.29	588.90	590.46	3.89	594.35
September	486.68	14.76	501.44	578.57	3.75	582.33	576.65	3.85	580.50
October	480.43	15.8	496.23	479.56	4.65	484.20	469.03	4.40	473.43
November	235.63	16.4	252.03	250.94	6.11	257.05	234.06	5.55	239.61
December	110.5	17.42	127.92	165.99	6.22	172.20	148.30	6.65	154.95
Total	2,950.22	176.26	3,126.48	3462.67	133.42	3596.09	3749.14	58.72	3807.86

Source: Department of Energy, MoEA, Thimphu

**TABLE 8.6: CONSUMPTION OF ELECTRICITY BY TYPE OF CONSUMER,
2002/03 TO 2006/07**

Type of consumer	2002/03	2003/04	2004/05	2005/06	2006/07
Total consumption (MU)	550.64	560.78	618.55	612.59	764.07
Domestic	72.12	76.72	90.58	97.51	114.08
Commercial & Government Offices	44.965	48.57	52.51	52.89	65.95
Industries	365.76	372.56	415.08	404.15	497.07
Bulk supply	66.85	62.11	59.32	56.80	84.71
Public lighting	0.95	0.83	1.05	1.25	2.26
Consumption in percentage	100	100	100	100	100
Domestic	13.10	13.68	14.65	15.92	14.93
Commercial & Government Offices	8.17	8.66	8.49	8.63	8.63
Industries	66.42	66.44	67.11	65.97	65.06
Bulk supply	12.14	11.08	9.59	9.27	11.09
Public lighting	0.17	0.15	0.17	0.20	0.30

Source: Department of Energy, MoEA, Thimphu

**TABLE 9.1: ANNUAL TOURIST ARRIVALS BY REGION/CONTINENT, BHUTAN,
2003 TO 2007**

Country	2003	2004	2005	2006	2007
Africa	14	14	44	47	66
Algeria	0	0	0	0	1
Egypt	0	0	0	0	1
Mauritius	0	0	0	0	1
South Africa	14	14	44	47	62
Uganda	0	0	0	0	1
Asia & Pacific	1411	1685	2771	4264	5429
Australia	165	315	458	774	1181
Cambodia	0	0	0	0	3
China	19	78	234	362	504
Fiji	0	0	0	0	1
Indonesia	0	0	0	0	46
Japan	952	1087	1556	1815	2008
Korea	13	10	61	60	172
Malaysia	28	17	72	49	94
Mongolia	0	0	0	0	1
Nepal	13	15	16	25	31
New Zealand	37	50	76	116	127
Pakistan	0	0	0	0	1
Phillipines	8	21	21	72	42
Singapore	20	16	149	180	350
Sri Lanka	0	0	0	0	4
Taiwan	90	46	10	35	132
Thailand	66	30	96	776	707
Vietnam	0	0	0	0	25
Europe	2671	3819	5457	7031	8777
Austria	152	223	319	484	443
Belgium	104	124	134	220	291
Bulgaria	0	0	0	0	2
Czech	11	17	29	49	71
Denmark	55	85	56	85	170
Estonia	0	0	0	0	37
Finland	14	11	21	35	76
France	288	434	532	708	738
Germany	496	671	1042	1074	1456
Greece	3	18	39	42	29
Hungary	0	0	0	0	112
Iceland	0	0	0	0	7
Ireland	14	24	31	51	56
Italy	331	462	529	648	614
Latvia	0	0	0	0	24

contd...

**TABLE 9.1(contd.): ANNUAL TOURIST ARRIVALS BY REGION/CONTINENT,
BHUTAN, 2003 TO 2007**

Country	2003	2004	2005	2006	2007
Lithuania	0	0	0	0	9
Luxemburg	7	5	9	8	24
Netherlands	179	163	329	389	497
Norway	9	10	58	104	116
Poland	11	47	52	133	252
Portugal	25	21	45	64	208
Russia	56	63	87	125	204
Romania	0	0	0	0	3
Slovakia	0	0	0	0	18
Slovenia	0	0	0	0	21
Spain	77	198	185	281	444
Sweden	48	61	84	103	166
Switzerland	177	173	363	427	396
Turkey	9	55	49	51	94
Ukraine	0	0	0	0	5
United Kingdom	605	954	1464	1950	2193
Yugoslavia	0	0	0	0	1
Middle East	140	130	237	440	169
Israel	47	37	98	46	152
Others	93	93	139	394	17
North America	1999	3534	5060	5466	6488
Canada	121	257	296	375	588
Mexico	72	34	83	73	127
USA	1806	3243	4681	5018	5773
South America	26	67	57	94	165
Argentina	7	7	13	39	43
Brazil	19	60	44	55	79
Belize	0	0	0	0	2
Chile	0	0	0	0	5
Colombia	0	0	0	0	11
Costa Rica	0	0	0	0	1
Cuba	0	0	0	0	1
Ecuador	0	0	0	0	1
Venezuela	0	0	0	0	22
Total arrivals	6,261	9,249	13,626	17,342	21,094
Trekkers	438	507	613	766	903
Cultural	5,823	8,742	13,013	16576	20,191

Source: Department of Tourism, MoEA, Thimphu.

**TABLE 9.2 TOURIST ARRIVALS BY COUNTRY OF RESIDENCE AND REVENUE
RECEIPTS, BHUTAN, 2003 TO 2007**

Region	2003	2004	2005	2006	2007
North America	1999	3,534	5,060	5,466	6,488
South America	26	67	57	94	165
Asia and Pacific	1411	1,685	2,771	4,264	5,429
Europe	2671	3,819	5,457	7,031	8,777
Africa	14	14	44	47	66
Middle East	140	130	237	440	169
All regions (persons)	6261	9,249	13,626	17,342	21,094
Tourism revenue receipts					
Ngultrums (million)	387.55	589	821.00	1,083.60	1,234.30
US Dollars (million)	8.32	13	18.54	23.92	29.85

Source: Department of Tourism, MoEA, Thimphu.

TABLE 9.3: NUMBER OF TOURIST ARRIVALS BY SEASON AND MONTH, BHUTAN, 2003 TO 2007

Season & Month	2003	2004	2005	2006	2007
Winter	1,343	1,742	2,400	3,350	4,265
November	862	1,198	1,443	2084	2,733
December	289	455	625	854	1,091
January	192	89	332	412	441
Spring	1,967	2,493	4,261	5,257	6,019
February	98	358	632	532	814
March	654	831	2,164	1,381	2,539
April	1215	1,304	1,465	3,344	2,666
Summer	685	1,037	1,289	1,875	2,213
May	397	448	700	999	1,045
June	176	313	315	422	580
July	112	276	274	454	588
Autumn	2,266	3,977	5,676	6,860	8,597
August	198	476	576	896	1,133
September	612	1,248	1,688	2,187	2,952
October	1456	2,253	3,412	3,777	4,512
Total Arrival	6,261	9,249	13,626	17,342	21,094

Source: Department of Tourism, MoEA, Thimphu.

TABLE 9.4: NUMBER OF TOURIST ARRIVALS BY PURPOSE OF VISIT, BHUTAN, 2003 TO 2007

Purpose	2003	2004	2005	2006	2007
Tour, holidays & recreation	5,823	8,742	13,013	16,576	20,191
Trekking & mountaineering	438	507	613	766	903
Total tourists	6,261	9,249	13,626	17,342	21,094

Source: Department of Tourism, MTI, Thimphu.

TABLE 9.5: NUMBER OF TOURIST ARRIVALS BY MODE OF TRANSPORT, BHUTAN, 2003 TO 2007

Mode of transport	2003	2004	2005	2006	2007
By Air	5,134	6,666	11,715	13,968	16,053
By Road	1,127	2,583	1,911	3,374	5,041
Total arrivals	6,261	9,249	13,626	17,342	21,094

Source: Department of Tourism, MoEA, Thimphu.

TABLE 10.1: VALUE OF EXPORTS AND IMPORTS, BHUTAN, 2003 TO 2007

(Nu. In Million)

Trade	2003	2004	2005	2006	2007
Exports	3,586.63	8,271.15	11,386.17	18,771.00	27,859.06
India	3,322.40	7,761.56	9,969.83	14,488.00	22,723.72
Third Countries	264.23	509.59	1,416.34	4,283.00	5,135.34
Imports	11,566.92	18,639.49	17,035.07	19,011.00	21,745.44
India	10,228.52	10,193.90	12,795.08	13,053.00	15,099.54
Third Countries	1,338.40	8,445.59	4,239.99	5,958.00	6,645.90
Balance of trade	(7,980.29)	(10,368.34)	(5,648.90)	(240.00)	6,113.62
India	(6,906.12)	(2,432.34)	(2,825.25)	1,435.00	7,624.18
Third Countries	(1,074.17)	(7,936.00)	(2823.65)	(1,675.00)	(1,510.56)

Source : Department of Revenue & Customs, Ministry of Financ, Thimphu.

Note: Figures within bracket indicate deficit (-).

TABLE 10.2(a): TOP TEN COMMODITIES OF EXPORTS, BHUTAN, 2007

Commodity	Million Nu.	Share	Rank
	Nu.	%	
Electrical energy	10,034.33	44.48	1
Other (copper wire related commodities)	3,273.80	14.51	2
Other (Media related commodities)	2,928.01	12.98	3
Ferro-silicon	1,423.79	6.31	4
IT Software	1,345.81	5.97	5
Vegetable fats and oils and their fractions	1,225.27	5.43	6
Of calcium	746.87	3.31	7
of silico-maganeses steel	590.67	2.62	8
Portland pozzolana cement	497.53	2.21	9
Stranded wire, cabels, plaited bands and the like, of cooper, not electrically insulated.	494.64	2.19	10
Total	22560.72	100.00	

Source : BACS, Department of Revenue & Customs, Ministry of Finance, Thimphu

TABLE 10.2(b): TOP TEN COMMODITIES OF IMPORTS, BHUTAN, 2007

Commodity	Million	Share	Rank
	Nu.	%	
Copper wire (Of which maximum cross section dimension exceeds 6 mm)	1854.05	24.72	1
Other light oils and preparations (HSD)	1613.82	21.51	2
Crude palmolein	906.95	12.09	3
Crude oil	673.10	8.97	4
Motor spirit (gasoline) including avaitation spirit	629.57	8.39	5
Rice	544.53	7.26	6
Machines for the reception, conversion and transmission	415.37	5.54	7
Iron Scrap	309.37	4.12	8
CGI Sheet	284.29	3.79	9
Cars , petrol from 1000cc to 1500 cc	269.93	3.60	10
Total	7500.98	100.00	

Source : BACS, Department of Revenue & Customs, Ministry of Finance, Thimphu

TABLE 10.3: VALUE AND ITS PERCENTAGE SHARE OF IMPORTS FROM TOP TEN SELECTED COUNTRIES, BHUTAN, 2007

Country	Mill. Nu	2007	Rank
		Share(%)	
India	15099.54	73.66	1
Indonesia	1306.77	6.38	2
Singapore	1109.73	5.41	3
Russian Federation	731.37	3.57	4
Korea South	644.52	3.14	5
Japan	460.13	2.24	6
China	402.66	1.96	7
Swedan	306.19	1.49	8
Thailand	224.88	1.10	9
Cyprus	212.56	1.04	10
Total	20498.35	100.00	

Source: Department of Revenue & Customs, Ministry of Finance, Thimphu.

**TABLE 10.4: VALUE AND ITS PERCENTAGE SHARE OF EXPORTS TO TOP TEN
SELECTED COUNTRIES, BHUTAN, 2007**

Country	Mill. Nu	2007	Rank
		Share(%)	
India	22723.73	81.63	1
Hong Kong	2764.28	9.93	2
Thailand	1092.87	3.93	3
Singapore	683.77	2.46	4
Bangladesh	469.59	1.69	5
Nepal	54.31	0.20	6
Japan	21.19	0.08	7
United States of America	15.58	0.06	8
Poland	8.42	0.03	9
Belgium	5.13	0.02	10
Total	27838.87	100.00	

Source: Department of Revenue & Customs, Ministry of Finance, Thimphu.

**TABLE 10.5: OVERALL BALANCE OF PAYMENTS ESTIMATES, BHUTAN,
FY 2002/03 TO 2006/07**

Item	2002/03	2003/04	2004/05	2005/06	2006/07(P)
A.Current Account	(6,597.5)	(5,519.3)	(10,487.4)	(1,695.7)	5477
Exports, fob	5,405.9	7,157.5	9,457.1	13,959.8	22674.3
Imports, cif	(9,886.90)	(11,923.5)	(20,556.0)	(19,456.5)	(22119.20)
Trade balance	(4,481.0)	(4,766.0)	(11,099.0)	(5,496.7)	555.1
Services	(3,200.0)	(2,213.4)	(1,753.1)	(573.0)	142
Credit	977.9	1,252.3	1,894.9	2,313.8	2661.2
Debit	(4,177.8)	(3,465.7)	(3,647.9)	(2,886.8)	(2519.20)
Income	(544.8)	(739.6)	(707.7)	(312.5)	542.7
Credit	561.4	436.3	537.2	813.3	1159.5
Debit	(1106.3)	(1,175.9)	(1,244.9)	(1,125.8)	(616.80)
Current Transfers	1,628.3	2,199.7	3,072.3	4,686.5	4237.2
Credit	4,146.7	4,442.3	5,492.8	7,313.7	6737.7
Of Which Grants	4,059.6	4,287.0	5,348.6	7,181.5	6582.4
Debit	(2,518.4)	(2,242.5)	(2,420.5)	(2,627.2)	(2500.40)
B.Capital and Financial Account	10,864.5	8,801.6	9,473.3	5,847.1	5193.2
Capital Transfers (1)	6,219.0	5,072.0	4,586.4	1,751.5	1111.8
Foreign Direct Investment	117.9	157.0	401.5	273.9	3238.1
Portfolio Investment	..	..	0.0	0.0	0.0
Foreign Aid (Loans net)	4,527.5	4,666.2	2,939.4	3,474.7	881
Other loans	..	363.3	89.2	347.0	(37.80)
Other Investment	..	(1456.9)	1,456.9	0.0	0.0
C.Net Errors and Omissions	(1,653.4)	(2,912.2)	95.5	1,057.7	(5485.80)
D.Overall balance (2)	2,613.6	370.1	(918.6)	5209.1	5184.4

Source : Royal Monetary Authority of Bhutan, Thimphu

Notes: Figures within bracket indicate deficit (-).

(1) Grants for the Tala project have been reclassified from current to capital transfers as per IMF standards.

(2) Overall Balance is the Change in Reserves.

TABLE 10.6: GROSS INTERNATIONAL RESERVES, BHUTAN, 2003/04 TO 2007/08

End of Period

Item	2003/04	2004/05	2005/06	2006/07	2007/08
Millions of Indian Rupees					
1. Rupee reserves	4,362.8	3,578.3	3,127.7	769.60	3,965.3
Royal Monetary Authority of Bhutan	1,822.4	2,069.7	1,507.4	136.3	2,554.0
Bank of Bhutan Ltd.	1,988.3	1,079.4	938.9	387.4	1,148.8
Bhutan National Bank Ltd.	552.1	429.1	681.4	245.9	262.4
Millions of US Dollar					
2. Convertible currency reserves	287.4	284.4	410.9	581.6	593.9
Royal Monetary Authority of Bhutan (a)	249.0	253.5	364.8	502.7	549.8
Bank of Bhutan Ltd.	31.3	21.0	29.6	47.3	31.1
Bhutan National Bank Ltd.	7.0	9.9	16.5	31.5	13.0
3. Total reserves(1+2)	383.1	366.5	478.8	600.4	694.5
Months of Imports					
4. Total reserves	17.6	9.3	13.6	13.3	13.3
Rupee reserves	4.9	3.5	2.7	0.6	2.9
Convertible currency reserves	117.6	17.9	40.0	49.9	48.8

Source : Royal Monetary Authority of Bhutan, Thimphu.

Note: (a) Includes reserve tranche position in the fund.

From March 2004, the definition of Bhutan's gross international reserves has been revised and backtracked to exclude reserves of the RICBL's Rupee and convertible currency reserves.

Months of imports are calculated using gross international reserves and merchandise imports figures. RMA convertible currency reserves for 2004/2005 onwards have been revised due to change in classification as of May 2005. Trade figures for the last two years have been revised affecting the import cover of reserves.

TABLE 10.7: MONTHLY AVERAGE EXCHANGE RATES, NGULTRUMS PER US \$, 2003 TO 2007

Month	2003	2004	2005	2006	2007
January	47.93	45.46	43.76	44.40	44.33
February	47.74	45.27	43.68	44.33	44.16
March	47.65	45.02	43.69	44.48	44.03
April	47.38	43.93	43.74	44.95	42.15
May	47.08	45.25	43.49	45.41	40.78
June	46.72	45.51	43.58	46.06	40.77
July	46.23	46.04	43.54	46.46	40.41
August	45.93	46.34	43.63	46.54	40.82
September	45.85	46.10	43.92	46.12	40.34
October	45.39	45.78	44.82	45.47	39.51
November	45.52	45.13	45.73	44.85	39.44
December	45.59	43.98	45.64	44.54	39.44
Calendar year average	46.58	45.32	44.1	45.31	41.35
	2002/03	2003/04	2004/05	2005/2006	2006/2007
Fiscal year average	47.93	45.41	44.61	44.74	44.19

Source: International Financial Statistics, IMF, Royal Monetary Authority, Thimphu.

TABLE 11.1: MONETARY SURVEY: ROYAL MONETARY AUTHORITY, BHUTAN NATIONAL BANK AND BANK OF BHUTAN, 2003 TO 2007

(Nu. in Million)

Item	2003	2004	2005	2006	2007
Assets total	20,165.50	23,045.40	26,772.20	29,849.40	38,602.50
Reserves	16,802.90	17,327.30	21,369.00	24,425.40	27,888.30
Foreign Assets	16,802.90	17,327.30	21,369.00	24,425.40	27,522.10
Rupee	3,575.90	5,446.60	4,779.50	3,786.00	4,024.70
Others	13,227.00	11,880.80	19,349.50	20,639.40	23,497.40
Domestic Credit	3,362.60	5,718.00	5,403.10	5,424.00	10,714.20
Claims on Government. (Net)	-2,035.00	-936.30	-2,715.00	-5,183.90	-2,955.00
Claims on Government Corps	1,102.60	1,308.80	1,228.00	1,268.80	1,188.80
Claims on Joint Corps.	227.10	135.80	109.30	142.80	383.40
Claims on private sector	3,711.70	4,963.40	6,462.00	8,658.30	11,528.90
Claims on NMFIs(1)	356.20	246.30	319.00	537.90	568.00
Liabilities total	20,165.50	23,045.40	26,772.20	29,849.40	38,602.50
Broad money (M2)	13,845.90	16,599.50	18,569.20	20,983.70	27,670.00
Narrow Money (M1)	6,769.80	8,053.80	8,969.60	10,338.10	17,474.90
Nu. Outside Banks	1,802.30	2,070.70	2,404.40	2,762.50	3,229.10
Demand Deposits	4,967.50	5,983.10	6,565.20	7,575.60	14,245.80
NMFI Deposits	0.0	0.0	0.0	0.00	0.00
Quasi Money (2)	7,076.10	8,545.70	9,599.50	10,645.50	10,195.10
Capital accounts	1,812.00	2,029.40	3,087.60	3,312.50	4,018.80
Other items(net)	6,319.50	6,444.10	8,202.10	8,831.80	9,167.10

Source : Royal Monetary Authority of Bhutan, Thimphu.

Notes: Starting from January 2003 onwards, a major reclassification has been carried out in the accounts of all the economic sectors.

Data prior to 2003 cannot always be directly compared with the subsequent data, because of a break in continuity.

Broad money (M2)=M=Narrow Money+Quasi Money

Narrow Money (M1)=Nu. Outside banks+Demand deposits+NMFIs Deposits

(1)NMFIs stands for Non Monetary Financial Institutions.

(2)Quasi Money stands for time deposits plus foreign currency deposits.

* Figures in the brackets () are negative

TABLE 11.2: FINANCIAL DETAILS OF ROYAL INSURANCE CORPORATION OF BHUTAN, 2003 TO 2007

(Nu. in Million)

Item	2003	2004	2005	2006	2007
Assets total	1,468.7	1428.4	1657.6	1773.0	2,030.7
Reserves	131.7	47.6	47.1	71.0	98.6
Foreign Assets	4.9	3.6	9.6	10.7	7.5
Rupee	0.1	0.1	0.1	0.0	0.0
Others	4.8	3.5	9.5	10.6	7.5
Domestic Credit	1,254.0	1369.0	1592.8	1633.2	1,916.5
Claims on Government (Net)	..	..	..	0.0	0.0
Claims on Government Corps.	..	..	..	0.0	0.0
Claims on Joint Corps.	25.2	20.8	14.9	18.2	37.3
Claims on private sector	1,225.8	1345.2	1574.9	1611.9	1,867.3
Claims on NFIs	3.0	3.0	3.0	3.0	3.0
Claims on DMBs	8.1	8.1	8.1	58.1	8.1
Liabilities total	1,468.7	1428.4	1657.6	1773.0	2,030.7
General Insurance reserve funds	0.0	0.0	0.0	0.0	0.0
Life fund	71.6	87.2	116.9	153.6	199.0
Government employee provident funds	65.9	73.8	93.8	117.7	141.4
Group Insurance Fund	188.6	210.7	233.2	253.9	303.8
Credit from DMB	186.3	94.5	0.0	172.4	0.0
Unit Trust of Bhutan fund	0.0	0.0	0.0	0.0	0.0
Capital accounts	269.4	306.4	96.0	445.1	531.5
Other items (net)	236.9	255.7	1117.6	330.3	375.1

Source: Royal Monetary Authority of Bhutan, Thimphu.

Notes: (1) NFIs stands for Non Monetary Financial Institutions, Including Bhutan National bank.

Domestic credit excluding the claims on DMBs

TABLE 11.3: FINANCIAL DETAILS OF BHUTAN NATIONAL BANK, 2003 TO 2007

(Nu. in Million)

Item	2003	2004	2005	2006	2007
Assets total	5,361.7	6519.1	7474.7	9553.0	10,189.8
Reserves with RMA	1,441.8	1221.9	1857.9	2210.9	1,595.5
Foreign Assets	966.0	773.9	1007.6	1707.6	790.8
Rupee	609.8	540.4	370.1	448.9	265.1
Others	356.2	233.5	637.5	1258.7	525.8
Domestic Credit	2,953.9	4523.3	4609.2	5634.6	7,803.4
Claims on Government	121.9	864.4	120.0	0.0	0.0
Claims on Government Corps	471.1	590.7	576.1	635.2	608.5
Claims on Joint Sector	73.8	7.6	7.6	7.6	7.6
Claims on private sector	2,179.0	2966.8	3819.0	4988.0	7,183.6
Claims on NBFIs	108.2	93.8	86.9	3.7	3.7
Liabilities total	5,361.7	6519.1	7474.7	9553.1	10,189.8
Demand Deposits (Current and saving Deposits)	873.8	1008.4	1060.0	3251.3	3,659.7
Time Deposits	2,510.0	3730.9	4162.1	6020.2	4,507.1
Foreign currency Deposits	44.3	81.1	154.2	320.5	351.4
Central Govt. Deposits	1,026.0	840.7	951.3	0.0	0.0
Credit from RMA (b)	0.0	0.0	0.0	0.0	0.0
Capital accounts	700.0	742.6	836.9	919.1	1,125.1
Other items (net)	207.6	115.5	310.1	173.7	1,678.2

Source: Royal Monetary Authority and Bank of Bhutan, Thimphu.

Notes: (a) RICB stands for Royal Insurance Corporation of Bhutan Limited, (b) RMA stands for Royal Monetary Authority.

TABLE 11.4: MONEY AND BANKING DATA OF BHUTAN DEVELOPMENT FINANCE CORPORATION, 2003 TO 2007

(Nu. in Million)

Item	2003	2004	2005	2006	2007
Assets total	1,223.9	1,256.0	1,394.1	1,793.0	2,106.8
Reserves	93.1	93.2	66.6	131.3	66.6
Foreign assets	0.0	0.0	0.0	0.0	0.0
Rupees	0.0	0.0	0.0	0.0	0.0
Others	0.0	0.0	0.0	0.0	0.0
Domestic Credit*	1115.8	1,152.9	1,327.5	1,581.7	2,039.7
Claims on Government	0.0	0.0	0.0	0.0	0.0
Claims on Government Corporations	0.0	0.0	0.0	0.0	0.0
Claims on joint Corporations	31.8	18.0	15.5	9.6	3.0
Claims on private sector	1,084.0	1,134.8	1,312.0	1,572.1	2,036.7
Claims on DMBs(a)	15.0	10.0	0.0	80.0	0.6
Claims on other NMFIs(b)	0.0	0.0	0.0	0.0	0.0
Liabilities total	1,223.9	1,256.0	1,394.2	1,793.0	2,106.8
Foreign liabilities	342.8	320.3	301.4	278.8	252.7
Credit from RMA	0.0	0.0	0.0	0.0	0.0
Credit from DMB(a)	100.0	89.9	83.0	374.6	565.0
Credit from other NMFIs	100.0	90.0	160.0	150.0	180.0
Grants	50.0	50.0	50.0	50.0	50.0
Capital account	438.8	507.9	590.3	693.8	767.8
Other items net	192.3	198.0	209.5	245.7	291.4

Source: Royal Monetary Authority of Bhutan, Thimphu.

Notes: The summary exclude Agriculture Credit Program

(a) represents deposits other than demand deposit (b) represents purchase of unit shares of UTB

*Domestic Credit excluding claims on DMBs and NMFIs

TABLE 11.5: MONEY AND BANKING OF ROYAL MONETARY AUTHORITY OF BHUTAN, 2003 TO 2007

(Nu. in Million)

Item	2003	2004	2005	2006	2007
Assets total	12,260.2	13,933.6	20,664.8	18,510.7	25,986.2
Foreign assets	11,899.0	13,000.5	19,796.1	18,397.7	24,659.8
Indian rupee	987.3	2,709.6	2,539.7	200.8	2,554.0
Convertible Foreign Currency (Including Gold)	10,911.7	10,290.9	17,256.4	18,197.0	22,105.7
Claims on deposit money banks	303.5	895.4	768.3	103.1	157.4
Claims on Government	56.0	37.0	100.0	0.0	0.0
Claims of private sector	1.8	0.7	0.5	9.9	11.5
Claims on NMFIs	0.0	0.0	0.0	0.0	0.0
Liabilities total	12,260.2	13,933.6	20,664.8	18,510.7	25,986.2
Reserve money	8,281.0	9,222.6	12,732.9	12,284.8	14,516.8
Currency outside banks	1,802.3	2,070.7	2,404.4	2,762.5	3,229.1
Foreign Liabilities	0.0	0.0	0.0	0.0	0.0
Rupee	0.0	0.0	0.0	0.0	0.0
Others	0.0	0.0	0.0	0.0	0.0
Government deposits	462.0	1,087.6	835.2	1,495.7	2,955.0
RMA Bills Outstanding	0.0	200.0	100.0	100.0	2,000.0
Capital Account	174.3	205.8	1,058.2	1,039.9	1,437.7
Other items (net)	3,342.9	3,217.6	5,938.6	3,590.3	5,076.7

Source: Royal Monetary Authority of Bhutan, Thimphu.

TABLE 11.6: MONEY AND BANKING, BANK OF BHUTAN, 2003 TO 2007

(In Million Nu.)

Item	2003	2004	2005	2006	2007
Assets total	11,602.3	13,013.2	14,404.5	16,930.9	18,431.2
Reserve with RMA	4,900.7	5,386.2	7,565.9	7,647.5	10,139.2
Foreign assets	3,937.9	3,552.9	3,009.8	4,320.0	2,437.7
Rupee	1,978.8	2,196.6	1,869.8	3,136.3	1,205.6
Other	1,959.1	1,356.4	1,140.0	1,183.7	1,232.1
Claims on Government	200.0	1,079.4	200.0	0.0	0.0
Claims on Government's corps.	631.5	718.1	652.2	633.5	580.3
Claims on joint's Corporations	153.3	128.2	101.8	135.3	375.8
Claims on private sector	1,530.9	1,996.0	2,642.5	3,660.4	4,333.9
Claims on NMFIs	248.0	152.5	232.4	534.2	564.3
Liabilities total	11,602.3	13,013.2	14,404.5	16,930.9	18,431.2
Demand deposit (a)	4,093.8	4,974.7	5,505.0	7,671.3	11,718.0
Time deposit	3,519.8	4,226.2	4,934.6	5,366.3	4,736.7
Foreign currency deposits	1,002.1	507.6	348.6	411.4	600.0
Foreign liabilities	0.0	..	..	0.0	0.0
Rupee	0.0	..	..	0.0	0.0
Other	0.0	..	..	0.0	0.0
Government deposits*	924.9	988.8	1,348.8	0.0	0.0
Credit from RMA	0.0	..	..	0.0	0.0
Capital accounts	937.7	1,081.1	1,192.5	1,353.6	1,456.0
Other items (net)	1,124.1	1,234.9	1,075.0	2,128.3	(79.5)

Source: Royal Monetary Authority of Bhutan, Thimphu.

Notes:

Figures in brackets () are negative

In 1997 the Bhutan National Bank included with Bank of Bhutan. (a) Saving deposits included in demand deposits.

* Since central government deposits are already in the RMA's balance sheet, government deposits as reported by BOBL has been reclassified starting from June 2006 onwards.

**TABLE 11.7: INVESTMENTS OF FINANCIAL INSTITUTIONS BY INDUSTRY,
AMOUNTS OUTSTANDING, 2003 TO 2007**

(In Million Nu.)

Industry	2003	2004	2005	2006	2007
Agriculture	220.8	201.8	211.6	242.5	289.1
Bank of Bhutan	6.7	1.5	0.9	0.9	1.2
RICB	0.1	1.8	1.9	1.9	1.7
BDFC	214.0	198.6	208.8	239.8	286.2
Bhutan National Bank	0.0	0.0	0.0	0.0	0.0
Service and Tourism**	734.3	1,776.0	1,084.6	1,663.6	2,422.9
Bank of Bhutan	346.1	1,188.9	429.4	883.3	1,068.7
RICB	0.0	144.3	158.1	125.7	74.8
BDFC	269.1	307.2	324.5	380.2	647.1
Bhutan National Bank	119.1	135.6	172.7	274.5	632.3
Manufacturing	1,462.1	2,100.7	1,701.4	2,278.4	3,039.3
Bank of Bhutan	431.6	462.6	662.1	1,029.9	1,221.5
RICB	226.3	118.7	121.8	157.6	205.2
BDFC	243.9	217.5	235.5	270.5	323.0
Bhutan National Bank	520.4	1,301.8	682.0	820.3	1,289.6
Building and construction	1,878.2	2,653.9	3,521.2	4,473.7	5,380.4
Bank of Bhutan	350.2	542.5	700.0	998.2	1,277.8
RICB	456.9	553.5	704.8	676.7	692.9
BDFC	336.3	364.5	455.2	500.3	440.1
Bhutan National Bank	734.8	1,193.4	1,661.2	2,298.5	2,969.6
Trade and commerce	1,025.2	1,276.2	1,559.7	1,925.4	2,681.7
Bank of Bhutan	393.8	480.3	562.6	672.4	830.5
RICB	326.8	364.4	400.4	435.5	598.8
BDFC	36.6	48.6	69.1	114.0	173.2
Bhutan National Bank	267.9	382.8	527.6	703.5	1,079.1
Transport (Heavy)	416.0	392.0	373.6	346.2	440.0
Bank of Bhutan	289.1	251.6	209.7	161.0	136.5
RICB	37.5	39.6	44.5	38.8	66.3
BDFC	10.8	11.7	28.6	47.6	108.3
Bhutan National Bank	78.6	89.2	90.7	98.8	128.9
Transport (Light)	378.8	404.0	457.8	506.6	584.6
Bank of Bhutan	163.1	189.8	230.5	266.2	273.3
RICB	69.4	41.6	45.2	58.2	65.8
BDFC	0.0	0.0	0.0	0.0	0.0
Bhutan National Bank	146.3	172.6	182.1	182.2	245.5
Personal loans	558.5	733.8	860.1	1,077.9	1,404.2
Bank of Bhutan	55.7	141.5	194.6	292.2	377.6
RICB	52.4	62.4	73.9	96.6	148.2
BDFC	3.4	3.0	3.0	19.4	39.0
Bhutan National Bank	446.9	526.9	588.5	669.7	839.5
Staff loan	52.2	54.7	67.1	79.6	108.7
Bank of Bhutan	34.0	37.9	51.2	64.0	74.4
RICB	1.1	0.6	0.3	0.1	0.1
BDFC	0.0	0.0	0.0	0.0	20.9
Bhutan National Bank	17.1	16.3	15.6	15.4	13.2
EDP loans	5.4	5.6	4.9	5.5	7.1
Bank of Bhutan	5.1	5.0	3.4	3.5	4.2
RICB	0.3	0.2	0.2	0.4	0.3
BDFC	0.0	0.0	0.0	0.0	0.0
Bhutan National Bank	0.0	0.4	1.3	1.7	2.6

Contd..

**TABLE 11.7(contd.): INVESTMENTS OF FINANCIAL INSTITUTIONS BY INDUSTRY,
AMOUNTS OUTSTANDING, 2003 TO 2007**

(In million Nu.)

Industry	2003	2004	2005	2006	2007
Small Business and Artisan Schemes	7.3	6.0	3.2	2.1	1.8
Bank of Bhutan	7.3	6.0	3.2	2.1	1.8
RICB	0.0	0.0	0.0	0.0	0.0
BDFC	0.0	0.0	0.0	0.0	0.0
Bhutan National Bank	0.0	0.0	0.0	0.0	0.0
Loan Against Shares	74.1	52.8	42.3	46.3	93.5
Bank of Bhutan	1.8	0.7	0.7	7.8	4.9
RICB	0.9	0.6	0.4	0.4	21.1
BDFC	0.0	0.0	0.9	8.3	0.0
Bhutan National Bank	71.5	51.4	40.2	29.8	67.5
Others	0.0	0.0	0.0	0.0	0.0
Bank of Bhutan	0.0	0.0	0.0	0.0	0.0
RICB	0.0	0.0	0.0	0.0	0.0
BDFC	0.0	0.0	0.0	0.0	0.0
Bhutan National Bank	0.0	0.0	0.0	0.0	0.0
Total	6812.8	9657.5	9887.4	12647.8	16,453.4

Source: Royal Monetary Authority of Bhutan, Thimphu.

Note: Loan availed by Ministry of Finance has been reported under Service and Tourism in case of BoB
Manufacturing and Industry in case of BNB.

**TABLE 11.8: INTEREST RATES OF DEPOSITS IN FINANCIAL INSTITUTIONS,
2003 TO 2007**

(In Percent)

Type of deposit	2003	2004	2005	2006	2007
Savings	5.0	4.5	4.5	4.5	4.5
Fixed deposit					
a) 3 months to less than 1year	5.5	4.5	4.5	4.5	4.5
b) 1 year to less than 3 years	7.5	6.0	6.0	6.0	6.0
c) 2 years to less than 3 years	7.5	6.0	6.0		
d) More than 3 years	8.5	7.0	7.0	7.0	7.0
For Institutions & Companies					
(46 days < 1 Year)	4.0	3.0	3.0	2.0	2.0

Source: Bank of Bhutan, Main Branch, Phuntsholing

TABLE 11.9: INTEREST RATES AND REPAYMENT PERIOD BY SECTOR AND TYPE OF LOAN, FINANCIAL INSTITUTIONS, BHUTAN, 2005 TO 2007

Sector	2005		2006		2007	
	Interest Rate (% p.a)	Repayment period (Years)	Interest Rate (% p.a)	Repayment period (Years)	Interest Rate (% p.a)	Repayment period (Years)
Export finance						
(convertible currency areas)**	13.00	0.5	13.00	0.5	13.00	0.5
(convertible currency areas)***	14.00	0.5	14.00	0.5	14.00	0.5
General trade	13.75	1	13.75	1	13.75	1
Buses and trucks						
Term Loan	13.00	5	13.00	5	13.00	5
Working Capital	15.00	1	15.00	1	15.00	1
Other passenger vehicles	14.00	5	14.00	5	14.00	5
Agriculture and Livestock	13.00	5	13.00	10	13.00	10
Manufacturing Industry						
Term Loan	12.00	10	12.00	10	12.00	10
Working Capital	13.00	1	13.00	1	13.00	1
Service Industries *						
Term Loan	12.00	10	10.00	10	10.00	10
Working Capital	13.00	1	13.00	1	12.00	1
Personal loans	15.0	3	15	3	15.0	3
Equity finance	13.0	5	13	5	13.0	5
Housing						
New Construction	10.00	10-20 yrs	10.00	10-20 yrs	10.00	10-20 yrs
Repair/Renovation			10.00	10-20 yrs	13.00	10-20 yrs
Consumer Loans			12.00	5	12.00	5

Source: Bank of Bhutan, Main Branch, Phuntsholing.

Notes: (a) Rates applicable since August 22, 1994.

* includes tourism, contract services, and other service activities.

** Up to 60 days of credit

*** More than 60 days of credit

TABLE 11.10: ROYAL SECURITIES EXCHANGE OF BHUTAN LTD NUMBER OF SHAREHOLDERS, BHUTAN, 2003 TO 2007

(In Numbers)

Company	2003	2004	2005	2006	2007
Bhutan Beverages & Company Ltd.	4,443	4,407	4,372	4372	—
Bhutan Board Products Ltd.	489	489	489	489	492
Bhutan Carbide & Chemical Ltd.	267	270	269	269	264
Bhutan Dairy and Agro Products Ltd.	96	96	96	96	96
Bhutan Ferro Alloys Ltd.	40	50	46	46	46
Bhutan National Bank Ltd.	5,451	4,656	4,193	4,193	4,440
Bhutan Polymers Company Ltd.	104	102	102	102	129
Bhutan Tourism Corpn. Ltd	83	161	161	161	164
Druk Petroleum Corpn. Ltd.	79	71	71	71	71
Druk plaster & Chemicals Ltd.	203	203	203	203	213
Druk Satair Corporation Ltd.	1,186	1,264	1,150	1,150	1,277
Druk Stones & Minerals Export Co. Ltd.	64	69	69	69	67
Penden Cement Authority Ltd.	1,520	1,477	1,477	1,477	1,471
Royal Insurance Corpn. of Bhutan	1,715	1,670	1,641	1,641	1,585
State Trading Corpn. of Bhutan Ltd.	127	125	125	125	125
S.D Eastern Bhutan Coal Company Ltd.	..	..	1,152	1,152	1,089
Kuensel corporation Ltd.	..	..	..	..	253
Total	15,867	15,110	15,616	15,616	11,782

Source: Royal Securities exchange of Bhutan Ltd, Thimphu.

**TABLE 11.11: ROYAL SECURITIES EXCHANGE OF BHUTAN LTD MARKET INFORMATION
AT THE END OF DECEMBER 2007**

Company	Price per share (Nu)	Paid-up Shares	Market Capitalization (Nu)
Bhutan Beverages Company Ltd.	—	—	—
Bhutan Board Products Ltd.	100	1,400,014	140,001,400
Bhutan Carbide Chemicals Ltd.	600	1,000,000	600,000,000
Bhutan Dairy Agro Product Ltd.	100	140,929	14,092,900
Bhutan Ferro Alloys Ltd.	510	1,500,000	765,000,000
Bhutan National Bank Ltd.	805	1,190,080	958,014,400
Bhutan Polymers Company Ltd.	100	249,334	24,933,400
Bhutan Tourism Corpn. Ltd.	170	209,400	35,598,000
Druk Petroleum Corpn. Ltd.	120	62,370	7,484,400
Druk plaster & Chemicals Ltd.	200	100,000	20,000,000
Druk Satair Corpn. Ltd.	300	456,543	136,962,900
Druk Stones & Minerals Export Co. Ltd.	492	37,702	16,174,158
Penden Cement Authority Ltd.	800	2,266,670	1,813,336,000
Royal Insurance Corpn. of Bhutan Ltd.	350	960,000	336,000,000
State Trading Corpn. of Bhutan Ltd.	190	200,000	38,000,000
S.D Eastern Bhutan Coal Company Ltd.	140	521,000	72,940,000
Kuensel corporation Ltd.	100	500,000	50,000,000
Total		10,794,042	5,028,537,558

Source: Royal Securities exchange of Bhutan Ltd, Thimphu.

**TABLE 11.12: ROYAL SECURITIES EXCHANGE OF BHUTAN LTD, VOLUME TRADED,
BHUTAN 2003 TO 2007**

Company	2003	2004	2005	2006	2007
Bhutan Beverages Company Ltd.	27,346	3,912	2,965	1,867	..
Bhutan Board Products Ltd.	..	5,000	140	3,030	..
Bhutan Carbide & Chemicals Ltd.	6	..	9	61	1,000,000
Bhutan Dairy Ltd.	..	..	..	..	..
Bhutan Ferro Alloys Ltd.	..	100	..	..	..
Bhutan National Bank Ltd.	607,369	51,106	20,997	136,383	23,444
Bhutan Polymers Company Ltd.	1,100	720	..	50	71
Bhutan Tourism Corpn. Ltd	17	1,497	35	1,000	..
Bhutan Times Ltd.	..	..	..	..	400,000
Druk Petroleum Corpn. Ltd.	..	61,437	..	..	..
Druk Plaster & Chemicals Ltd.	..	..	33	70,000	50.0
Druk Satair Corpn. Ltd.	27	120,941	5,699	154	3,063
Druk Stones & Minerals Export Co. Ltd.	..	38,130	..	24,185	2,026
Druk Wang Alloys Ltd.	..	..	..	..	417,500
S.D Eastern Bhutan Coal Company Ltd.	..	..	537,013	4500	11,607
Kuensel Corporation Ltd.	..	..	..	245,000	..
Penden Cement Authority Ltd.	679	176	957	8,260	5,260
Royal Insurance Corpn. of Bhutan Ltd.	82,012	6,860	2,350	3,500	5,010
State Trading Corpn. of Bhutan Ltd.	..	370	..	..	..
Total	718,556	290,249	570,198	497,990	1,868,031

Source: Royal Securities Exchange of Bhutan Ltd.

**TABLE 11.13: ROYAL SECURITIES EXCHANGE OF BHUTAN LTD. TRADED VALUES,
BHUTAN, 2003 TO 2007**

(Nu. In million)

Company	Sector	2003	2004	2005	2006	2007
Bhutan Beverages Company Ltd.	Primary	..	..	..	..	..
	Secondary	6.74	1.04	0.52	0.24	..
Bhutan Board Products Ltd.	Primary	..	..	..	..	..
	Secondary	..	0.45	0.13	0.30	..
Bhutan Carbide & Chemicals Ltd.	Primary	..	..	..	..	100.00
	Secondary	0.03	..	0.57	0.37	..
Bhutan Dairy Ltd.	Primary	..	..	..	..	..
	Secondary	..	..	..	..	..
Bhutan Ferro-Alloys Ltd.	Primary	..	..	..	..	..
	Secondary	..	0.05	..	..	..
Bhutan National Bank	Primary	327.27	..	..	77.74	..
	Secondary	6.93	34.36	13.85	11.31	17.40
Bhutan Polymers Company Ltd.	Primary	..	..	..	..	..
	Secondary	0.33	0.17	..	0.01	0.01
Bhutan Tourism Corpn. Ltd	Primary	..	..	..	..	..
	Secondary	0.02	2.49	0.06	0.17	..
Bhutan Times Ltd.	Primary	..	..	..	..	40.00
	Secondary	..	..	..	..	..
Druk Petroleum Corpn. Ltd.	Primary	..	..	..	..	..
	Secondary	..	6.31	..	..	..
Druk plaster & Chemicals Ltd.	Primary	..	..	..	..	..
	Secondary	..	..	0.01	7.00	0.01
Druk Satair Corpn. Ltd.	Primary	..	..	..	..	..
	Secondary	..	47.86	1.51	0.04	0.87
Druk Stones & Minerals Export Co. Ltd.	Primary	..	..	..	..	..
	Secondary	..	12.68	..	9.29	0.87
Druk Wang Alloys Ltd.	Primary	..	..	..	..	41.75
	Secondary	..	..	..	..	..
S.D Eastern Bhutan Coal Company Ltd.	Primary	..	..	..	..	..
	Secomdary	..	..	54.39	0.45	1.18
Kuensel corporation Ltd.	Primary	..	..	..	24.50	..
	Secondary	..	..	..	..	..
Penden Cement Authority Ltd.	Primary	..	..	..	..	..
	Secondary	3.40	0.94	0.97	6.16	3.64
Royal Insurance Corpn. of Bhutan Ltd.	Primary	81.36	..	..	..	..
	Secondary	2.58	2.40	0.86	1.22	1.61
State Trading Corpn. of Bhutan Ltd.	Primary	..	..	..	..	..
	Secondary	..	0.06	..	..	..
Total		428.66	108.81	72.87	114.29	207.33

Source: Royal Securities Exchange of Bhutan Ltd.

**TABLE 12.1: RECURRENT BUDGETARY EXPENDITURE OF THE GOVERNMENT BY
MINISTRY/AGENCY BHUTAN, 2002/03 TO 2006/07**

(Nu. in Million)

Organization	2002/03 (actual)	2003/04 (actual)	2004/05 (actual)	2005/06 (actual)	2006/07 (actual)
Ministry	2769.50	3245.00	3271.80	3875.22	4215.69
Agriculture	455.30	533.70	607.80	697.58	725.71
Education	..	405.80	419.50	155.07	156.65
Finance	624.80	802.30	1049.20	1060.54	1181.54
Foreign Affairs	215.40	196.90	190.50	207.29	220.84
Health	..	431.80	470.90	560.83	626.95
Home Affairs	424.30	414.90	23.80	562.12	603.39
Information & communications	..	58.30	70.10	94.16	100.68
Labour & Human Resources	..	82.80	70.30	90.53	114.88
Trade and Industry	106.30	102.20	123.60	158.45	178.07
Works & Human Settlement	..	216.20	246.10	288.65	306.98
Non Ministerial organization	461.60	406.60	322.30	675.33	821.08
His Majesty's Secretariat	12.20	13.30	13.60	15.34	16.34
National Assembly	19.00	20.50	26.90	29.02	28.49
Royal Advisory Council	7.90	7.30	8.90	9.38	10.47
Cabinet Secretariat	5.80	5.40	8.70	9.04	8.01
Royal Civil Service Commission	13.30	10.50	11.90	20.04	17.55
Judiciary	60.10	63.30	70.20	81.15	91.78
Royal Audit Authority	31.10	37.20	38.80	42.71	47.83
Bhutan Olympic Committee	10.70	7.40	5.90	10.63	23.44
Centre for Bhutan Studies	4.60	8.40	10.90	8.26	11.70
Council for Religious Affairs	133.40	150.90	25.60	192.62	205.12
Office of legal Affairs	8.50	8.50	8.60	16.72	7.14
Druk Air Corporation	n.a	n.a	n.a	na	na
Dzongkhag Development Commission	7.70	n.a	n.a	na	na
National Commission for Cultural Affairs	32.50	34.50	34.50	na	na
National Employment Board	n.a	n.a	n.a	na	na
National Environment Commission	11.60	12.10	25.50	25.93	18.59
National Technical Training Authority	60.80	n.a	n.a	na	na
National Women's Association	n.a	n.a	n.a	na	na
GNH commission	17.50	n.a	n.a	na	11.57
Royal Institute of Management	21.30	21.80	25.10	17.80	20.49
Royal University of Bhutan	n.a	3.40	5.80	181.28	210.34
Special Commission	n.a	n.a	n.a	n.a	n.a
National Statistics Bureau	n.a	n.a	n.a	9.31	17.31
Anti-Corruption Commission	n.a	n.a	n.a	1.99	8.84
Office Of The Election Commission	3.60	2.10	1.40	4.12	54.31
HRH Trongsa Penlop's Secretariat	n.a	n.a	n.a	n.a	10.76
Bhutan Narcotic Control Agency	n.a	n.a	n.a	n.a	1.01
Gewog Administration & Services	n.a	n.a	n.a	63.29	69.56
Dzongkhags Administration	1318.70	1450.30	1741.50	2016.37	2529.87
Total current expenditure	4580.90	5149.20	6170.60	6630.20	7636.19

Source : Department of Budget & Accounts, MoF, Thimphu.

**TABLE 12.2: CAPITAL BUDGETARY EXPENDITURE OF THE GOVERNMENT BY
MINISTRY/ AGENCY, 2002/03 TO 2006/07**

Ministerial/Non-Ministerial Organization	2002/03 (actual)	2003/04 (actual)	2004/05 (actual)	2005/06 [actual]	2006/07 [actual]
Ministry	2885.61	3870.30	5538.19	5372.10	5365.07
Agriculture	658.45	605.27	348.15	588.58	408.91
Education	n.a	342.23	298.49	476.83	527.82
Finance	943.30	318.51	2219.56	510.30	543.11
Foreign Affairs	141.81	72.35	5.82	19.22	16.05
Health	n.a	255.80	321.84	687.33	539.62
Home Affairs	97.30	109.77	118.02	130.40	200.45
Information & Communications	n.a	33.61	64.36	279.94	161.84
Labour & Human Resources	n.a	100.28	90.69	125.19	150.90
Trade and Industry	1044.75	827.37	246.50	543.14	503.76
Works & Human Settlement	n.a	1205.11	1824.76	2011.17	2312.62
Non ministerial organization	326.71	225.62	144.42	318.22	551.21
His Majesty's Secretariat	0.82	1.03	0.57	0.23	0.57
National Assembly	1.48	11.43	0.78	6.28	12.98
Royal Advisory Council	0.64	0.33	0.23	0.71	0.45
Cabinet Secretariat	0.29	1.65	0.83	0.65	0.80
Royal Civil Service Commission	141.30	86.45	56.04	50.20	80.52
Judiciary	17.74	13.21	12.73	31.80	113.48
Royal Audit Authority	18.63	9.75	11.84	7.62	4.64
Bhutan Olympic Committee	0.05	0.10	0.73	1.41	0.07
Centre for Bhutan Studies	0.66	1.03	1.31	2.97	2.34
Council for Religious Affairs	24.51	35.67	21.61	33.61	35.92
Office of Legal Affairs	2.01	7.10	3.41	3.95	5.17
Dzongkha Dev. Commission	2.46	na	na	na	na
National Women's Association	n.a	na	n.a	na	na
National Commission for Cultural Affairs	12.48	18.48	n.a	na	na
National Employment Board	n.a	na	n.a	na	na
National Environment Commission	15.25	16.09	18.56	33.70	20.76
National Technical Training Authority	60.09	na	n.a	na	na
Planning Commission Secretariat	16.53	na	n.a	na	6.51
Royal Institute of Management	11.77	20.34	13.14	24.28	26.06
Royal University of Bhutan	n.a	2.96	2.64	108.41	116.03
National Statistics Bureau	n.a	na	n.a	1.76	1.67
Office of the Anti-corruption Commission	n.a	n.a	n.a	7.38	5.48
Office of the Election Commission	n.a	n.a	n.a	3.28	102.27
HRH Trongsa Penlop's Secretariat	n.a	n.a	n.a	n.a	14.27
Bhutan Narcotic Control Agency	n.a	n.a	n.a	n.a	1.22
Gewog Administration & Services	n.a	n.a	n.a	254.93	407.07
Dzongkhags Administration	375.08	434.71	611.50	739.17	1206.53
Total development expenses	5309.58	4653.05	6615.25	6684.42	7529.88

Source : Department of Budget & Accounts, MoF, Thimphu.

TABLE 12.3: BUDGETARY RECEIPTS OF THE GOVERNMENT BY SOURCE, BHUTAN, 2002/03 TO 2006/07

Nu. in million

Source of revenue	2002/03 (actual)	2003/04 (actual)	2004/05 (actual)	2005/06 (actual)	2006/07 (actual)
Tax revenue	2928.30	2689.90	3382.37	4124.68	4266.91
Direct tax	1716.05	1908.02	2013.63	2420.09	2829.02
Business Income Tax	350.20	404.02	423.16	356.54	367.65
Corporate Income Tax	922.49	1015.42	1022.08	1363.30	1566.94
Rural tax	1.51	1.37	0.00	0.00	0.00
Health Contribution	26.85	30.71	36.00	44.06	49.42
Motor Vehicle Tax	62.60	65.70	72.54	85.25	93.27
Business & Prof. Licences	18.75	22.43	24.20	25.63	45.63
Royalties	214.74	243.34	332.24	407.40	498.61
Tax on payroll/PIT	100.46	113.52	84.61	113.35	174.46
Other Tax Revenue	18.44	11.50	18.81	24.56	33.04
Indirect tax	1212.25	781.88	1368.74	1704.59	1437.88
Bhutan Sales Tax	435.02	495.49	567.90	662.79	765.54
Export Tax	0.76	0.49	0.87	0.34	0.01
Excise Duty	657.83	129.28	565.62	879.54	519.39
Import duty	115.16	153.98	230.77	157.18	144.69
Other Indirect Tax	3.48	2.64	3.58	4.75	8.24
Non tax revenue	1856.96	2365.30	2683.73	2778.23	5815.25
Fees,Dividends,Profits	1831.95	2291.76	2451.12	2610.40	5639.99
Administrative Fees & Charges	162.75	149.06	187.57	197.13	214.73
Dividends	1288.09	1753.09	1550.52	1542.43	2123.16
Revenue from Govt. Departments	34.14	40.63	78.69	102.06	225.70
Transfer of Profits	317.19	198.41	384.48	503.27	2678.75
Other Non-Tax revenue	29.78	150.58	249.86	265.51	397.65
Capital Revenue	25.01	73.54	232.61	167.83	175.26
Total revenue	4785.26	5055.20	6066.10	6902.91	10082.16

Source : Department of Budget & Accounts, MoF, Thimphu.

TABLE 12.4: SUMMARY OF BUDGETARY OPERATIONS, BHUTAN, 2002/03 TO 2006/07

Item	2002/03 (actual)	2003/04 (actual)	2004/05 (actual)	2005/06 (actual)	2006/07 (actual)
Revenue and Grants	7054.40	10422.60	10439.20	13327.50	10267.84
Revenue	4785.30	5055.20	6066.10	6902.91	12782.16
Tax revenue	2928.30	2689.90	3382.40	4124.68	4266.91
Non-tax revenue	1856.90	2365.30	2683.70	2778.23	8515.25
Grants	2269.10	5367.40	4373.10	6424.59	6000.93
India	..	3534.70	2624.96	3417.22	4024.28
Other	..	1832.70	1748.06	3007.37	1976.65
Other Receipts(+)/Payments(-)	-13.90	22.40	61.90	124.53	..
Total Expenditure	10079.10	10534.10	13360.80	13314.63	15166.11
Current	4580.90	5149.20	6170.60	6630.20	7636.23
Capital	5309.60	4653.10	6615.30	6684.43	7529.88
Lending	99.40	662.50	379.10	590.20	463.52
Net Advance	89.20	69.30	195.80	124.99	486.69
Lending Minus Recoveries	-48.40	-6.50	-88.10	289.09	87.32
Repayment	221.30	467.10	397.90	2651.45	668.62
Overall surplus/deficit	-2890.90	579.80	-2392.60	-318.70	287.77

Source : Department of Budget & Accounts, MoF, Thimphu.

Note: Figure in the brackets are negative

TABLE 13.1: NINTH PLAN BUDGETARY OUTLAY AND ALLOCATION, BHUTAN, 2002/2007

(Nu. in Million)

Autonomous Agencies	4,649.25	4,972.52	9,621.77	13.7
His Majesty's Secretariat	77.17	3.95	81.12	0.1
National Assembly Secretariat	83.06	6.72	89.78	0.1
Royal Advisory Council	52.18	1.30	53.48	0.1
Cabinet Secretariat	16.28	1.30	17.58	0.0
Royal Civil Service Commission	64.08	3,000.00	3,064.08	4.4
Judiciary	193.97	215.83	409.81	0.7
Royal Audit Authority	190.58	24.50	215.08	0.3
Bhutan Broadcasting Service	0.00	348.00	348.00	0.5
Bhutan Olympic Committee	166.48	43.72	210.20	0.3
Centre for Bhutan Studies	5.37	15.24	20.61	0.0
Council for Ecclesiastical Affairs	719.93	77.66	797.58	1.1
Dzongkha Development Commission	48.46	10.00	58.46	0.1
National commission for Cultural Affairs	193.97	77.66	797.58	0.6
National Environment Commission	29.24	31.73	60.97	0.1
National Technical Training Authority	335.93	500.00	835.93	1.2
Office of the Legal Affairs	17.71	17.60	35.30	0.1
Planning Commission Secretariat	63.96	45.00	108.96	0.2
Police, Jail & Fire Services	2,064.35	355.01	2,419.36	3.5
Royal Institute of Management	156.35	149.00	305.35	0.4
Ministry of Agriculture	2,548.36	2,000.00	4,548.36	6.5
Secretariat	435.06		435.06	0.6
RNR	2,113.30	2,000.00	4,113.30	5.9
Ministry of Communication	1,710.62	8,672.52	10,383.13	14.8
Secretariat	111.27	38.11	149.38	0.2
Department of Urban Development & Housing	187.38	2,400.00	2,587.38	3.7
Department of Roads	1,136.17	5,524.09	6,660.26	9.5
Department of Civil Aviation	127.21	403.92	531.13	0.8
Standard and Quality Control Division	21.49	45.10	66.59	0.1
Road Safety and Transport Authority	89.67	162.11	251.78	0.4
Bhutan Telecom Authority	17.65	21.05	38.70	0.1
Division of Information Technology	19.80	60.00	79.80	0.1
Construction Development Board		18.13	18.13	0.0
Ministry of Finance	1,257.25	354.87	1,612.12	2.3
Secretariat	675.89	27.50	703.39	1.0
Department of Budget and Accounts	44.26	17.80	62.06	1.0
Department of National Properties	150.99	25.33	176.32	0.3
Department of Revenue and customs	357.35	257.54	614.88	0.9
Department of Aid and Debt Management	28.76	26.70	55.46	0.1
Department of Aid and Debt Management	28.76	26.70	55.46	0.1
Ministry of Foreign Affairs	1,278.69	176.21	1,454.90	2.1
Ministry of Health and Education	4,581.09	2,893.41	7,474.50	10.7
Secretariat	129.08	0.00	129.08	0.2
Department of Health	2,802.43	1,703.41	4,505.84	6.4
Department of Education	1,598.49	998.48	2,596.96	3.7
Department of Employment & Labour	51.11	191.52	242.63	0.4
Ministry of Home Affairs	486.38	130.57	616.85	0.9
Secretariat	230.47	30.66	261.13	0.4
Department of Survey and Land Records	183.65	22.85	206.49	0.3
Department of Registration	72.27	77.06	149.33	0.2

Contd..

TABLE 13.1(contd.): NINTH PLAN BUDGETARY OUTLAY AND ALLOCATION, BHUTAN, 2002/2007

(Nu. in Million)

Organization	Recurrent	Capital	Total	Percent
Ministry of Trade and Industry	2,210.43	6,351.08	8,561.52	12.2
Secretariat	112.07	371.32	483.39	0.7
Department of Trade	73.13	384.25	457.38	0.7
Department of Industry	110.28	900.00	1,010.28	1.4
Department of Power	1,717.95	4,500.00	6,217.95	8.9
Department of Geology & Mines	138.85	70.00	208.85	0.3
Others	5,156.92	3,449.05	8,605.97	12.3
Debt Servicing	393.24	3,449.05	3,842.29	5.5
Common Public Expenditure	2,009.80	0.00	2,009.80	2.9
Contingency for Renumeration	2,753.88	0.00	2,753.88	3.9
Total(Central, Autonomous and Others)	23,879.003	29,000.21	52,879.22	75.5
Dzongkhags	7,655.28	7,224.73	14,880.02	21.3
Gewogs	147.18	2,093.59	2,240.77	3.2
Total(Dzongkhags and Gewogs)	7,802.46	9,318.32	17,120.79	24.5
Total outlay	31,681.47	38,318.53	70,000.00	100.0

Source: "Ninth Plan Document 2002-2007", Planning Commision, Thimphu.

TABLE 13.2: OUTLAYS OF DEVELOPMENT PLANS, PERCENTAGE BY CATEGORY, FIFTH PLAN TO NINTH PLAN

(Nu.in Million)

Organization	Fifth Plan	Sixth Plan	Seventh Plan	Eighth Plan	Ninth Plan
Autonomous Agencies	..	..	..	..	13.7
His Majesty's Secretariat	n.a	n.a	n.a	0.1	0.1
National Assembly	n.a	n.a	n.a	0.1	0.1
Royal Advisory Council	n.a	n.a	n.a	0.1	0.9
Cabinet Secretariat	n.a	n.a	n.a	n.a	13.7
Royal Civil Service Commission	n.a	n.a	n.a	5.1	4.4
Judiciary	n.a	n.a	n.a	0.7	0.7
Royal Audit Authority	n.a	n.a	n.a	0.3	0.3
Bhutan Broadcasting Service	n.a	n.a	n.a	n.a	0.5
Bhutan Olympic Committee	n.a	n.a	n.a	0.2	0.3
Centre for Bhutan Studies	n.a	n.a	n.a	n.a	0.0
Council for Ecclesiastical Affairs	n.a	n.a	n.a	1.0	1.1
Dzongkha Development Commission	n.a	n.a	n.a	0.1	0.1
National Commission for Cultural Affairs	n.a	n.a	n.a	0.8	0.6
National Environment Commission	n.a	n.a	n.a	0.3	0.1
National Technical Training Authority	n.a	n.a	n.a	n.a	1.2
Office of Legal Affairs	n.a	n.a	n.a	n.a	0.1
Planning Commission Secretariat	n.a	n.a	n.a	n.a	0.2
Police, Jail & Fire Services	n.a	n.a	n.a	n.a	3.5
Royal Instt. of Management	n.a	n.a	n.a	0.5	0.4
Ministry of Agriculture	9.0	9.2	4.5	3.06	6.5
Secretariat	..	..	..	..	0.6
Animal Husbandry	3.5	3.5	2.1	1.78	..
Area Dvelopment	n.a	n.a	n.a	4.07	..
Forestry	4.9	4.4	3.1	3.1	..
Renewal Natural Resources	..	..	..	..	5.9

Contd..

TABLE 13.2(contd.): OUTLAYS OF DEVELOPMENT PLANS, PERCENTAGE BY CATEGORY, FIFTH PLAN TO NINTH PLAN

(Nu.in Million)

Organization	Fifth plan	Sixth Plan	Seventh Plan	Eighth Plan	Ninth Plan
Ministry of Communication					14.8
Secretariat	n.a	n.a	n.a	0.2	0.2
Civil Aviation	0.6	0.5	0.6	0.2	0.8
Construction Development Board	..	..	..	..	0.4
Division of Information Technology	..	..	..	..	0.1
Post Services	1.4	0.7	1.1	0.4	..
Road Services	16.9	9.3	7.8	13.1	9.5
Standard Quality and Control Division	..	..	..	..	0.1
Surface Transport	n.a	n.a	n.a	0.2	0.4
Telecommunications	0.7	1.4	7.0	4.1	0.1
Thimphu City Corporation	n.a	n.a	n.a	0.5	..
Work & Housing Services	n.a	n.a	n.a	3.1	3.7
Ministry of Finance	..	..	..	..	2.3
Secretariat	n.a	n.a	n.a	2.85	1.0
Deaprt of Budget and Accounts	n.a	n.a	n.a	n.a	0.1
Department of National Properties	n.a	n.a	n.a	2.85	0.3
Depart of Revenue and customs	n.a	n.a	n.a	2.85	0.9
Department of Aid and Debt management	n.a	n.a	n.a	2.9	0.1
Ministry of Foreign Affairs	n.a	n.a	n.a	2.5	2.1
Ministry of Health & Education	n.a	n.a	n.a	n.a	10.7
Secretariat	n.a	n.a	n.a	0.2	0.2
Department of Employment and Labour	n.a	n.a	n.a	n.a	0.4
Education	11.2	8.1	11.1	9.9	3.7
Health	5.1	4.2	6.6	8.5	6.4
Ministry of Home Affairs					0.9
Secretariat	..	..	..	1.0	0.4
Department of Registration	..	..	..	0.1	0.2
Department of Survey & Land Records	..	..	..	0.4	0.3
Ministry of Trade & Industry					12.2
Secretariat				0.1	0.7
Geological Survey	..	0.4	1.0	0.3	0.3
Power	7.3	13.1	2.5	11.3	8.9
Tourism	0.6	..	..	0.1	0.3
Trade and Industry	7.0	13.3	5.4	0.6	2.1
Debt Servicing	n.a	n.a	n.a	7.2	5.5
Common Public Expenditure	n.a	n.a	n.a	2.1	2.9
Reserve for pay Revision	n.a	n.a	n.a	7.5	..
General Government	24.0	20.6	39.7	n.a	n.a
Dzongkhags	..	2.5	23.0	2.3	21.3
Gewogs	..	2.5	23.0	2.3	3.2
Other	..	..	..	n.a	3.9
Total outlay	100.0	91.2	100.0	103.1	100.0

Source:: "Ninth Plan Main Document 2002-2007", Planning Commission, Thimphu.

TABLE 13.3: FINANCIAL OUTLAYS DURING NINTH PLAN BY SECTOR, 2002 TO 2007
(Nu. in Million)

Organization	Recurrent	Capital	Total	Percent
Autonomous Agencies	4,649.25	4,972.52	9,621.77	13.70
His Majesty's Secretariat	77.17	3.95	81.12	0.10
National Assembly Secretariat	83.06	6.72	89.78	0.10
Royal Advisory Council	52.18	1.30	53.48	0.10
Cabinet Secretariat	16.23	1.30	17.58	..
Royal Civil Service Commission	64.08	3,000.00	3,064.08	4.40
Judiciary	364.16	125.97	490.13	0.70
Royal Audit Authority	190.58	24.50	215.08	0.30
Bhutan Broadcasting Service	..	348.00	348.00	0.50
Bhutan Olympic Committee	166.48	43.72	210.20	0.30
Centre of Bhutan Studies	5.37	15.24	20.61	..
Council of Ecclesiastical Affairs	719.93	77.66	797.58	1.10
Dzongkhag Development Commission	48.46	10.00	58.46	0.10
National Environment Commission	29.24	31.73	60.97	0.10
National Technical Training Authority	335.93	500.00	835.93	1.20
Office of the Legal Affairs	17.71	17.60	35.30	0.10
Planning Commission Secretariat	63.96	45.00	108.96	0.20
Police, Jail & Fire Service	2,064.35	355.01	2,419.36	3.50
Royal Institute of Management	156.35	149.00	305.35	0.40
Special Commission for Cultural Affairs	193.97	215.83	409.81	0.60
Ministry of Agriculture	2,548.36	2,000.00	4,548.36	6.50
Secretariat	435.06	..	4,113.30	0.60
Renewal Natural Resources	2,113.30	2,000.00	4,113.30	5.90
Ministry of Communication	1,710.62	8,672.52	10,383.13	14.80
Secretariat	111.27	38.11	149.38	0.20
Department of Urban Development	187.38	2,400.00	2,587.38	3.70
Department of Roads	1,136.17	5,524.09	6,660.26	9.50
Department of Civil Aviation	127.21	403.92	531.13	0.80
Standard Quality & Control Division	21.49	45.10	66.59	0.10
Road Safety & Transport Authority	89.67	162.11	251.78	0.40
Bhutan Telecom Authority	17.65	21.05	38.70	0.10
Division of Information Technology	19.80	60.00	79.80	0.10
Construction Development Board	..	18.13	18.13	..

Contd...

**TABLE 13.3(contd): FINANCIAL OUTLAYS DURING NINTH PLAN BY SECTOR,
2002 TO 2007**

(Nu.in Million)

Organization	Recurrent	Capital	Total	Percent
Ministry of Finance	1,257.25	354.87	1,612.12	2.30
Secretariat	675.89	27.50	703.39	1.00
Department of Budget and Accounts	44.26	17.80	62.06	0.10
Department of National Properties	150.99	25.33	176.32	0.30
Department of revenue and customs	357.35	257.54	614.88	0.90
Department of Aid and Debt management	28.76	26.70	55.46	0.10
Ministry of Foreign Affairs	1,278.69	176.21	1,454.90	2.10
Ministry of Health & Education	4,581.09	2,893.41	7,474.50	10.70
Secretariat	129.08	0.00	129.08	0.20
Department of Health	2,802.43	1,703.41	4,505.84	6.40
Department of Education	1,598.49	998.48	2,596.96	3.70
Department of Employment and Labour	51.11	191.52	242.63	0.30
Ministry of Home affairs	486.38	130.57	616.95	0.90
Secretariat	230.47	30.66	261.13	0.40
Department of Survey and Land records	183.65	22.85	206.94	0.30
Department of Registration	72.27	77.06	149.33	0.20
Ministry of Trade & Industry	2,210.43	6,351.08	8,561.52	12.20
Secretariat	112.07	371.32	483.39	0.70
Department of Trade	73.13	384.25	457.38	0.70
Department of Industry	110.28	900.00	1,010.28	1.40
Department of Power	1,717.95	4,500.00	6,217.95	8.90
Department of Geology and Mines	138.85	70.00	208.85	0.30
Department of Tourism	58.16	125.51	183.67	0.30
Others	5,156.92	3,449.05	8,605.97	12.30
Debt Servicing	393.24	3,449.05	3,842.29	5.50
Common Public Expenditure	2,009.80	0.00	2,009.80	2.90
Contingency for Renumeration	2,753.88	0.00	2,753.88	3.90
Total (Central,Autonomous and Others)	23,879.00	29,000.21	52,879.22	75.50
Dzongkhags	7,655.28	7,224.73	14,880.02	21.30
Gewogs	147.18	2,093.59	2,240.77	3.20
Total (Dzongkhags and Gewogs)	7,802.46	9,318.32	17,120.79	24.50
Total Plan Outlay	31,681.47	38,318.53	70,000.00	100.00

Source: "Nith Plan Main Document 2002-2007", Planning Commission, Thimphu.

TABLE 13.4: DZONGKHAG WISE EIGHTH FIVE YEAR PLAN OUTLAY, BHUTAN, 1997 TO 2002

(Nu.in Million)

Dzongkhags	Current	Capital	Total
Bumthang	251.1	495.2	746.3
Chhukha	391.3	2,148.7	2,540.0
Dagana	115.9	200.6	316.5
Gasa	57.0	169.3	226.3
Ha	99.3	157.1	256.4
Lhuentse	167.0	399.0	566.0
Monggar	369.3	884.1	1,253.4
Paro	306.8	336.5	643.3
Pemagatshel	154.5	275.8	430.3
Punakha	219.7	225.7	445.4
Samdrup Jongkhar	428.8	616.3	1,045.1
Samtse	293.6	274.8	568.4
Sarpang	278.2	381.2	659.4
Thimphu	995.5	1,787.8	2,783.3
Trashigang	161.6	234.9	396.5
Trongsa	579.6	759.5	1,339.1
Tsirang	141.1	387.2	528.3
Wangdue Phodrang	130.4	338.5	468.9
Zhemgang	283.4	529.2	812.6
	232.4	538.0	770.3
Total	5,656.5	11,139.4	16,795.8

Source: "Ninth Plan Main Document 2002-2007", Planning Commission, Thimphu.

Note: Budget allocation for central programmes have been included under current expenditure in case of Agriculture and Livestock sector.

TABLE 13.5: DZONGKHAG WISE NINTH FIVE YEAR PLAN OUTLAY, 2002 TO 2007

(Nu.in Million)

Dzongkhags	Current	Capital	Total
Bumthang	274.96	198.8	473.8
Chhukha	647.6	797.9	1,445.5
Dagana	197.2	315.1	512.3
Gasa	98.9	145.8	244.7
Ha	252.7	290.1	542.8
Lhuentse	269.1	617.3	886.3
Monggar	496.6	651.5	1,148.1
Paro	487.7	602.5	1,090.1
Pemagatshel	309.3	444.5	753.8
Punakha	355.9	303.0	658.9
Samdrup Jongkhar	523.5	645.2	1,168.7
Samtse	327.7	592.9	920.6
Sarpang	503.9	490.4	994.2
Thimphu	740.4	677.8	1,418.2
Trashigang	298.5	357.1	655.6
Trongsa	671.5	781.3	1,452.8
Tsirang	255.9	309.4	565.3
Wangdue Phodrang	210.1	316.6	526.7
Zhemgang	414.9	355.8	770.7
	466.2	425.4	891.6
Total	7,802.5	9,318.3	17,120.8

Source: Planning Commission,, Thimphu.

TABLE 14.1: GROSS DOMESTIC PRODUCT BY KIND OF ACTIVITY AT CURRENT PRICES, 2003 TO 2007

(million Nu.)

Sectors	2003	2004	2005	2006	2007
Agriculture Livestock & forestry	7,292.3	7,864.0	8,255.5	8,905.7	9577.8
Agriculture proper	3,191.7	3,480.7	3,684.9	3,974.7	4384.4
Livestock	2,163.0	2,331.2	2,556.7	2,730.4	3010.5
Forestry & logging	1,937.6	2,052.1	2,013.9	2,200.6	2182.9
Mining and quarrying	580.5	439.5	549.8	877.8	889.8
Manufacturing	2,127.3	2,360.7	2,563.6	2,812.9	3283.0
Electricity and water	3,352.0	3,085.3	3,634.5	5,063.9	12079.1
Construction	5,021.5	5,741.1	6,219.2	6,019.7	6936.8
Wholesale & Retail Trade	1,446.6	1,725.7	2,088.9	2,374.2	2648.1
Hotels & Restaurants	135.3	168.7	211.7	301.0	366.8
Transport, storage & Communication	2,626.0	3,295.1	3,890.5	4,095.1	4649.0
Financing, insurance & real estate	1,948.5	2,280.0	2,873.1	3,372.4	3884.5
Finance and Insurance	1,026.6	1,278.7	1,764.6	2,194.2	2540.4
Real Estate & dwellings	921.9	1,001.3	1,108.5	1,178.2	1344.0
Community, Social services	3,663.6	3,822.8	4,471.7	4,895.0	5311.8
Public administration	2,778.0	2,866.8	3,462.7	3,658.1	3875.4
Education and Health	885.6	956.0	1,009.0	1,236.9	1436.4
Private social, personal & recreational Services	123.8	144.1	172.2	212.6	241.9
Plus: taxes net of subsidies	1,067.9	1,392.6	1,531.9	1,564.6	1653.0
Gross domestic product	29,385.3	32,319.6	36,462.6	40,494.9	51521.6

Source: National Statistical Bureau

TABLE 14.2: GROSS DOMESTIC PRODUCT BY KIND OF ACTIVITY IN 2000 PRICES, 2003 to 2007

(million Nu.)

Sectors	2003	2004	2005	2006	2007
Agriculture, livestock & forestry	6,138.4	6,250.1	6,273.8	6,395.9	6421.7
Crops	2,765.6	2,808.2	2,860.9	2,898.1	2948.5
Livestock	1,926.5	1,933.1	1,976.4	1,994.2	2013.3
Forestry & logging	1,446.3	1,508.8	1,436.5	1,503.6	1459.9
Mining & quarrying	402.2	381.3	446.6	531.5	654.5
Manufacturing	1,844.1	1,943.8	2,011.0	2,088.0	2209.9
Electricity & water	3,030.3	2,980.2	3,260.5	4,387.7	9686.0
Construction	4,448.7	4,819.8	4,701.2	4,247.5	4490.3
Wholesale & Retail trade	1,378.0	1,633.1	1,878.1	1,948.2	2094.4
Hotel & restaurants	128.8	157.0	186.0	246.1	262.7
Transport, storage & Communication	2,007.4	2,447.9	2,660.6	2,856.5	3178.6
Financing, insurance & real estate	1,770.9	1,991.1	2,507.8	2,905.5	3057.4
Finance	1,080.1	1,291.7	1,800.1	2,185.8	2284.6
Real estate	690.8	699.4	707.7	719.7	772.8
Community, social & personal services	3,287.8	3,307.9	3,743.3	3,907.7	4033.7
Public administration	2,567.8	2,533.6	2,905.5	2,919.4	2943.7
Education and health	720.0	774.3	837.8	988.3	1090.0
Private Social & recreational services	114.2	126.8	144.3	166.5	178.0
Plus: Indirect taxes less subsidies	987.1	1,230.7	1,229.7	1,200.6	1217.3
Gross Domestic Product	25,537.9	27,269.7	29,042.9	30,881.7	37484.5

Source: National Statistical Bureau

**TABLE 14.3: SHARE OF GROSS DOMESTIC PRODUCT IN CURRENT PRICES,
2003 to 2007**

(percent)

Sectors	2003	2004	2005	2006	2007
Agriculture, livestock & forestry	24.8	24.3	22.6	22	18.6
Agriculture proper	10.9	10.8	10.1	9.8	8.5
Livestock	7.4	7.2	7.0	6.7	5.8
Forestry & logging	6.6	6.3	5.5	5.4	4.2
Mining & quarrying	2.0	1.4	1.5	2.2	1.7
Manufacturing	7.2	7.3	7.0	6.9	6.4
Electricity and water	11.4	9.5	10.0	12.5	23.4
Construction	17.1	17.8	17.0	14.9	13.5
Wholesale & Retail Trade	4.9	5.3	5.7	5.9	5.1
Hotels & restaurants	0.5	0.5	0.6	0.7	0.7
Transport, storage & Communication	8.9	10.2	10.6	10.1	9.0
Financing insurance & real estate	6.6	7.1	7.9	8.3	7.5
Finance & Insurance	3.5	4.0	4.8	5.4	4.9
Real estate & dwellings	3.1	3.1	3.0	2.9	2.6
Community, Social services	12.5	11.8	12.3	12.1	10.3
Public administration	9.5	8.9	9.5	9	7.5
Education & health	3.0	3.0	2.8	3.1	2.8
Private social, personal & recreational services	0.4	0.4	0.5	0.5	0.5
Plus: taxes net of subsidies	3.6	4.3	4.5	3.9	3.2
Gross Domestic Product	100.0	100.0	100.0	100.0	100.0

Source: National Statistical Bureau

**TABLE 14.4: GROSS DOMESTIC PRODUCT GROWTH RATES OVER THE PRECEEDING
YEARS IN CURRENT PRICES, 2003 TO 2007**

(percent)

Sectors	2003	2004	2005	2006	2007
Agriculture, livestock & forestry	5.9	7.8	5.0	7.9	7.5
Agriculture proper	6.4	9.1	5.9	7.9	10.3
Livestock production	7.8	7.8	9.7	6.8	10.3
Forestry & logging	3.2	5.9	(1.9)	9.3	(0.8)
Mining & quarrying	27.0	(24.3)	25.1	59.6	1.4
Manufacturing	9.4	11.0	8.6	9.7	16.4
Electricity and water	26.1	(8.0)	17.8	39.3	138.5
Construction	6.6	14.3	8.3	(3.2)	15.2
Wholesale & Retail Trade	12.8	19.3	21.0	13.7	11.5
Hotels & restaurants	13.1	24.6	25.5	42.2	21.9
Transport, storage & Communication	7.1	25.5	18.1	5.3	13.5
Financing insurance & real estate	23.2	17.0	26.0	17.4	15.2
Finance and Insurance	18.7	24.6	38.0	24.3	15.8
Real estate & dwellings	28.7	8.6	10.7	6.3	14.1
Community, Social services	9.6	4.3	17.0	11.6	8.5
Public administration	8.7	3.2	20.8	9.5	5.9
Education & health	12.7	8.0	5.5	22.6	16.1
Private social, personal & recreational services	11.1	16.5	19.5	23.5	13.8
Plus: indirect taxes, net subsidies	21.6	30.4	10.0	2.1	5.7
Gross Domestic Product	11.2	10.0	12.8	11.1	27.2

Source: National Statistical Bureau

Note: Figure in the brackets () are negative

TABLE 14.5: GROSS DOMESTIC PRODUCT GROWTH RATES OVER THE PRECEEDING YEARS IN 2000 PRICES, 2003 TO 2007

(percent)

Sectors	2003	2004	2005	2006	2007
Agriculture, livestock & forestry	2.1	1.8	0.4	1.9	0.4
Crops	2.8	1.5	1.9	1.3	1.7
Livestock	0.4	0.3	2.2	0.9	1.0
Forestry & logging	3.2	4.3	(4.8)	4.7	(2.9)
Mining & quarrying	(1.1)	(5.2)	17.1	19.0	23.2
Manufacturing	6.4	5.4	3.5	3.8	5.8
Electricity and water	18.3	(1.7)	9.4	34.6	120.8
Construction	2.8	8.3	(2.5)	(9.7)	5.7
Wholesale & Retail Trade	11.7	18.5	15.0	3.7	7.5
Hotels & restaurants	11.8	21.9	18.5	32.3	6.7
Transport, storage & Communication	0.4	21.9	8.7	7.4	11.3
Financing insurance & real estate	22.2	12.4	26.0	15.9	5.2
Finance	19.9	19.6	39.4	21.4	4.5
Real estate	25.9	1.2	1.2	1.7	7.4
Community, Social & personal services	7.8	0.6	13.2	4.4	3.2
Public administration	6.5	(1.3)	14.7	0.5	0.8
Education & health	12.7	7.5	8.2	18.0	10.3
Private social & recreational services	10.7	11.1	13.7	15.4	6.9
Plus: indirect taxes less subsidies	19.1	24.7	(0.1)	(2.4)	1.4
Gross Domestic Product	7.2	6.8	6.5	6.3	21.4

Source: National Statistical Bureau

TABLE 14.7: GROSS DOMESTIC PRODUCT BY MAJOR SECTORS IN 2000 PRICES, 2003 TO 2007

(Million Nu.)

Sector	2003	2004	2005	2006	2007
Primary	6540.8	6631.5	6720.4	6,927.4	7,076.3
Secondary	9323.1	9743.7	9972.7	10,723.1	16,386.2
Tertiary	9674.0	10894.3	12349.9	13,231.2	14,022.1
Gross Domestic Product	25,537.9	27,269.5	29,043.0	30,881.7	37,484.6

Source: National Statistical Bureau

TABLE 14.8: SECTORAL SHARE TO GROSS DOMESTIC PRODUCT IN CURRENT PRICES, 2003 TO 2007

(Percent)

Sector	2003	2004	2005	2006	2007
Primary	26.8	25.7	24.1	24.2	20.3
Secondary	35.7	34.6	34.1	34.3	43.3
Tertiary	37.5	39.7	41.8	41.5	36.4
Gross Domestic Product	100.0	100.0	100.0	100.0	100.0

Source: National Statistical Bureau

TABLE 14.9: GROSS DOMESTIC CAPITAL FORMATION IN CURRENT AND CONSTANT 2000 PRICES, 2003 TO 2007

(Million Nu.)

	2003	2004	2005	2006	2007
In current prices					
Machinery and Equipment	3,679.2	5,554.7	5,079.6	5,471.5	4,257.0
Govt.	654.6	813.3	610.7	1,084.0	869.0
Private	3,024.5	4,741.5	4,468.9	4,387.5	3,388.0
Construction	13,227.0	14,523.5	13,494.8	13,248.6	15,687.0
Govt.	1,993.3	2,422.7	3,059.0	4,109.0	5,434.0
Private	11,233.7	12,100.8	10,435.7	9,139.6	10,253.0
Gross fixed capital formation	16,906.2	20,078.2	18,574.4	18,720.1	19,944.0
Change in stock	(220.0)	(55.0)	103.0	131.0	73.0
Gross Domestic capital formation	16,682.4	20,000.4	18,677.4	18,827.3	20,017.0
In constant 2000 prices					
Machinery and Equipment	3,503.0	5,037.0	4,333.0	4,441.8	1,183.0
Govt.	623.5	737.6	522.6	883.4	659.0
Private	2,879.5	4,299.3	3,810.4	3,558.4	524.0
Construction	10,661.3	11,272.3	9,564.9	9,244.2	10,672.0
Govt.	1,606.7	1,880.4	2,168.2	2,867.1	3,697.0
Private	9,054.7	9,391.9	7,396.7	6,377.1	6,975.0
Gross fixed capital formation	14,164.3	16,309.3	13,897.9	13,686.0	11,855.0
Change in stock	(207.70)	(65.10)	89.6	88.4	53.0
Gross Domestic capital formation	13,956.6	16,244.2	13,987.5	13,774.4	11,908.0
<i>Source: National Statistical Bureau</i>					

TABLE 14.10: EXPENDITURES ON GROSS DOMESTIC PRODUCT IN CURRENT PRICES, 2003 TO 2007

(Million Nu.)

Expenditures	2003	2004	2005	2006	2007
Final consumption expenditure	18,914.4	20,456.4	22,497.7	24,291.6	29,827.0
Household and NPISH	12,994.9	13,806.7	14,586.2	15,553.7	20,136.2
General Government	5,919.5	6,649.7	7,911.5	8,737.9	9,690.8
Gross domestic capital formation	16,685.7	20,023.4	18,677.4	18,951.1	20,016.5
Construction	13,227.0	14,523.5	13,494.8	13,245.1	15,686.9
Machinery and equipment	3,679.2	5,554.7	5,079.6	5,575.0	4,256.6
Change in inventory	(220.5)	(54.8)	103.0	131.0	73.0
Net export of goods & services	(5,206.9)	(8,353.8)	(8,556.0)	(3,347.7)	(860.9)
Export of goods & services	7,589.3	10,053.2	14,105.7	21,206.9	27,761.1
Imports of goods & services	(12,796.2)	(18,407.0)	(22,661.7)	(24,554.6)	(28,622.0)
Total Expenditure on GDP	30,393.2	32,126.0	32,619.0	39,895.0	48,982.6

Source: National Statistical Bureau

Notes: Figure in the brackets () are negative

TABLE 14.11: EXPENDITURES ON GROSS DOMESTIC PRODUCT AT CONSTANT 2000 PRICES, 2003 TO 2007

(Million Nu.)

Expenditure	2003	2004	2005	2006	2007
Final consumption expenditure	17,323.4	17,997.7	18,917.1	19,411.1	22,234.4
Household and NPISH	11,851.7	12,121.0	12,278.5	12,438.2	15,191.7
General Government	5,471.7	5,876.8	6,638.6	6,973.0	7,042.7
Gross domestic capital formation	13,933.0	16,288.3	14,083.3	10,752.5	11,907.6
Construction	10,661.3	11,272.3	9,564.9	9,241.8	10,671.4
Machinery and equipment	3,476.1	5,060.3	4,432.3	1,407.9	1,183.4
Change in inventory	(204.4)	(44.3)	86.1	102.8	52.8
Net export of goods and services	(4,812.99)	(7,382.78)	(7,184.16)	(2,639.10)	(626.50)
Export of goods and services	7,015.1	8,884.6	11,844.0	16,718.2	20,209.5
Imports of goods and services	(11,828.05)	(16,267.36)	(19,028.13)	(19,357.34)	(20,836.00)
Total expenditure on GDP	26,443.4	26,903.3	25,816.3	27,524.5	33,515.5

Source: National Statistical Bureau

Notes: Figures in the brackets () are negative

TABLE 15.1: CONSUMER PRICE INDEXES FOR FOOD AND NON-FOOD COMPONENTS, BHUTAN JAN 2006 TO JUNE 2008

Item	Weight (%)	2006				2007				2008	
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr
Index											
Food	31.67	110.32	114.63	115.03	115.12	116.32	125.52	124.73	125.3	129.1	140.98
Non-Food	68.33	113.97	116.61	116.80	118.07	118.35	121.64	121.73	121.55	122.82	130.38
Total	100	112.81	115.98	116.24	117.14	117.71	122.87	122.68	122.74	124.81	133.74
PERCENTAGE CHANGE YEAR ON YEAR											
Food	31.67	2.13	6.76	5.83	5.23	5.44	9.50	8.43	8.84	10.99	12.32
Non-Food	68.33	3.58	5.90	5.20	5.33	3.84	4.31	4.22	2.95	3.78	7.19
Total	100	3.13	6.17	5.39	5.30	4.34	5.94	5.54	4.78	6.03	8.85
PERCENTAGE CHANGE PERIOD TO PERIOD											
Food	31.67	0.84	3.91	0.35	0.08	1.04	7.91	(0.63)	0.46	3.03	9.20
Non-Food	68.33	1.67	2.32	0.16	1.09	0.24	2.78	0.07	(0.15)	1.04	6.16
Total	100	1.41	2.81	0.22	0.77	0.49	4.38	(0.15)	0.05	1.69	7.15
PURCHASING POWER OF NGULTRUM (PPN)											
	1.00	0.89	0.86	0.86	0.85	0.85	0.81	0.82	0.81	0.80	0.75
Source: National Statistics Bureau, Thimphu											

Source: National Statistics Bureau, Thimphu

TABLE 15.2: CONSUMER PRICE INDEXES FOR MAJOR COMPONENTS, BHUTAN JAN 2006 TO JUNE 2008

3rd Qtr. 2003=100

Item	Weight (%)	2006				2007				2008			
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Food and Non-Alcoholic Beverages	29.44	109.81	114.13	114.46	114.49	115.82	125.02	124.22	124.25	128.41	140.64	128.41	140.64
Alcoholic Beverages, Tobacco & Narcotics	2.23	116.97	121.18	122.48	123.46	122.94	132.05	131.41	139.12	138.14	145.42	138.14	145.42
Clothing And Footwear	10.49	113.03	116.93	117.09	118.47	121.25	128.03	128.20	127.92	133.38	144.92	133.38	144.92
Housing, water, electricity, gas & other fuels	25.68	120.76	123.09	123.60	124.32	124.24	128.89	126.78	124.73	125.41	132.99	125.41	132.99
Furnishing, household equipment & routine household maintenance	5.68	109.81	112.57	111.68	115.17	115.14	122.53	122.04	121.42	122.37	129.51	122.37	129.51
Health	2.94	108.9	109.59	110.18	113.44	113.64	111.72	117.61	118.20	117.78	124.31	117.78	124.31
Transport	7.06	118.43	120.97	121.16	121.14	120.91	119.84	121.25	126.57	127.20	140.08	127.20	140.08
Communication	4.10	89.81	93.33	92.68	96.48	96.51	96.34	95.92	97.01	97.51	97.67	97.51	97.67
Recreation and Culture	2.62	105.57	111.71	112.02	114.76	114.84	113.80	125.02	126.00	126.02	128.84	126.02	128.84
Education	4.04	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Restaurants and Hotels	3.01	116.00	116.29	116.98	117.84	117.22	116.91	118.04	118.07	118.26	127.65	118.26	127.65
Miscellaneous Goods & Services	2.72	119.08	123.77	123.82	123.52	121.63	125.25	126.34	126.37	126.59	131.73	126.59	131.73
Total	100.00	112.81	115.98	116.24	117.14	117.71	122.87	122.68	122.74	124.81	133.74	124.81	133.74

Source: National Statistics Bureau, Thimphu

Note:

From June, 2008 and backwards, the health component is inclusive of transport, communication, recreation and culture, education, restaurants and hotels. Therefore, the weight may be aggregated at 23.77 if indexes needs to be backtracked

TABLE 15.3: CONSUMER PRICE INDEXES - MAJOR COMPONENTS, BHUTAN JAN 2006 TO JUNE 2008

YEAR ON YEAR GROWTH RATE (%) 3rd Qtr. 2003=100

Item	Weight (%)	2006				2007				2008			
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Food and Non-Alcoholic Beverages	29.44	2.00	6.67	5.58	5.15	5.47	9.54	8.53	8.52	10.87	12.49	10.87	12.49
Alcoholic Beverages, Tobacco & Narcotics	2.23	3.72	7.83	8.94	6.18	5.10	8.97	7.29	12.68	12.36	10.12	12.36	10.12
Clothing And Footwear	10.49	6.58	6.99	6.16	5.29	7.27	9.49	9.49	7.98	10.00	13.19	10.00	13.19
Housing,water,electricity,gas & other fuels	25.68	2.88	4.89	5.03	5.44	2.88	4.71	2.57	0.33	0.94	3.18	0.94	3.18
Furnishing, household equipment & routine household maintenance	5.68	2.28	5.77	4.20	7.39	4.85	8.85	9.28	5.43	6.28	5.70	6.28	5.70
Health	2.94	2.02	3.36	3.55	6.62	4.35	1.94	6.74	4.20	3.64	11.27	3.64	11.27
Transport	7.06	8.87	8.13	4.79	3.26	2.09	(0.93)	0.07	4.48	5.20	16.89	5.20	16.89
Communication	4.10	(9.08)	3.98	5.81	10.15	7.46	3.23	3.50	0.55	1.04	1.38	1.04	1.38
Recreation and Culture	2.62	1.58	12.10	7.04	9.66	8.78	1.87	11.61	9.79	9.74	13.22	9.74	13.22
Education	4.04	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-
Restaurants and Hotels	3.01	8.29	6.84	5.26	2.32	1.05	0.53	0.91	0.20	0.89	9.19	0.89	9.19
Miscellaneous Goods & Services	2.72	8.84	12.91	12.66	5.56	2.14	1.20	2.04	2.31	4.08	5.17	4.08	5.17
Total	100.00	3.13	6.17	5.39	5.30	4.34	5.94	5.54	4.78	6.03	8.85	6.03	8.85

Source: National Statistics Bureau, Thimphu

TABLE 15.4: CONSUMER PRICE INDEXES - MAJOR COMPONENTS, BHUTAN, JAN 2006 TO JUNE 2008

PERIOD TO PERIOD GROWTH RATE (%)		3rd Qtr. 2003=100											
Item	Weight (%)	2006			2007			2008					
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Food and Non-Alcoholic Beverages	29.44	0.85	3.93	0.29	0.03	1.16	7.94	(0.64)	0.02	3.35	9.52		
Alcoholic Beverages, Tobacco & Narcotics	2.23	0.60	3.60	1.07	0.80	(0.42)	7.41	(0.48)	5.87	(0.70)	5.27		
Clothing And Footwear	10.49	0.45	3.45	0.14	1.18	2.35	5.59	0.13	(0.22)	4.27	8.65		
Housing,water,electricity,gas & other fuels	25.68	2.42	1.93	0.41	0.58	(0.06)	3.74	(1.64)	(1.62)	0.55	6.04		
Furnishing, household equipment & routine household maintenance	5.68	2.40	2.51	(0.79)	3.13	(0.03)	6.42	(0.40)	(0.51)	0.78	5.83		
Health	2.94	2.35	0.63	0.54	2.96	0.18	(1.69)	5.27	0.50	(0.36)	5.54		
Transport	7.06	0.95	2.14	0.16	(0.02)	(0.19)	(0.88)	1.18	4.39	0.50	10.13		
Communication	4.10	2.53	3.92	(0.70)	4.10	0.03	(0.18)	(0.44)	1.14	0.52	0.16		
Recreation and Culture	2.62	0.88	5.82	0.28	2.45	0.07	(0.91)	9.86	0.78	0.02	2.24		
Education	4.04	0.00	0.00	0.00	0.00	-	-	-	-	-	-		
Restaurants and Hotels	3.01	0.72	0.25	0.59	0.74	(0.53)	(0.26)	0.97	0.03	0.16	7.94		
Miscellaneous Goods & Services	2.72	1.77	3.94	0.04	(0.24)	(1.53)	2.98	0.87	0.02	0.17	4.06		
Total	100.00	1.41	2.81	0.22	0.77	0.49	4.38	(0.15)	0.05	1.69	7.15		

Source: National Statistics Bureau, Thimphu

TABLE 15.5: CONSUMER PRICE INDEXES FOR FOOD ITEMS, SUB - COMPONENTS, BHUTAN JAN 2006 TO JUNE 2008

PERIOD TO PERIOD GROWTH RATE		3rd Qtr. 2003=100											
Item	Weight (%)	2006			2007			2008					
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Food	27.69	109.90	114.43	114.74	114.73	116.08	125.82	124.93	124.94	129.21	142.19	129.21	142.19
Bread and Cereals (ND)	7.93	107.26	108.17	110.21	110.42	110.66	115.21	116.29	117.52	127.17	138.14	127.17	138.14
Meat	3.27	107.00	107.54	108.14	108.54	109.14	127.75	125.99	126.11	128.12	138.21	128.12	138.21
Fish	1.03	105.94	106.33	107.07	107.69	107.49	109.68	111.27	113.29	116.61	126.88	116.61	126.88
Milk,cheese & Eggs	5.16	108.07	115.28	116.31	119.02	120.24	129.61	130.68	131.44	137.99	148.95	137.99	148.95
Oils and Fats	3.41	105.43	105.78	106.07	106.30	106.67	109.66	109.09	110.07	115.13	123.42	115.13	123.42
Fruits	1.35	128.05	131.63	117.39	117.84	147.88	170.79	144.05	144.74	145.82	190.16	145.82	190.16
Vegetables	4.12	115.42	131.14	131.16	126.17	122.82	142.39	143.42	138.91	132.11	150.13	132.11	150.13
Sugar, Jam & Etc	0.56	113.81	123.49	125.84	126.10	123.04	124.03	124.00	121.63	127.64	128.70	127.64	128.70
Food Products n.e.c (ND)	0.87	120.97	124.19	125.50	126.80	128.16	127.83	127.13	126.87	131.38	142.15	131.38	142.15
Non - Alcoholic Beverages	1.74	108.46	109.39	109.96	110.73	111.74	112.23	112.96	113.33	115.68	116.03	115.68	116.03
Alcoholic Beverages	1.22	108.32	111.72	113.79	114.83	114.28	126.36	123.84	126.14	123.47	129.50	123.47	129.50
Tobacco	0.33	172.34	173.58	174.61	175.17	173.93	184.34	183.85	180.65	180.42	188.25	180.42	188.25
Narcotics (ND)	0.69	106.13	113.17	113.23	114.30	114.19	117.41	120.03	142.49	144.16	153.41	144.16	153.41
Clothing	7.87	112.75	117.72	117.83	118.66	122.24	125.05	122.45	124.12	132.15	143.71	132.15	143.71
Actual Rentals for Housing	18.77	122.88	125.75	126.51	127.35	127.20	131.57	128.48	125.95	126.33	134.68	126.33	134.68
Electricity,gas&other fuels	6.04	115.07	115.97	116.23	116.54	116.62	122.73	123.11	122.20	123.80	128.27	123.80	128.27
Fuels & Lubricants	3.20	110.69	116.27	116.51	116.25	116.14	113.81	116.81	120.16	120.67	144.20	120.67	144.20
Education	4.04	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Personal Care	2.72	119.08	123.77	123.82	123.52	121.63	125.25	126.34	126.37	126.59	131.73	126.59	131.73
Total	100.00	112.81	115.98	116.24	117.14	117.71	122.87	122.68	122.74	124.81	133.74	124.81	133.74

Source: National Statistics Bureau, Thimphu

TABLE 15.6: CONSUMER PRICE INDEXES FOR FOOD ITEMS, SUB - COMPONENTS, BHUTAN JAN 2006 TO JUNE 2008

Item	Weight (%)	PERIOD TO PERIOD GROWTH RATE						3rd Qtr. 2003=100					
		2006			2007			2008					
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Food	27.69	0.86	4.12	0.27	(0.01)	1.18	8.39	(0.71)	0.01	3.42	10.05		
Bread and Cereals (ND)	7.93	1.04	0.85	1.89	0.19	0.22	4.11	0.94	1.06	8.21	8.63		
Meat	3.27	1.58	0.50	0.56	0.37	0.55	17.05	(1.38)	0.10	1.59	7.88		
Fish	1.03	1.19	0.37	0.70	0.58	(0.19)	2.04	1.45	1.82	2.93	8.81		
Milk,cheese & Eggs	5.16	0.66	6.67	0.89	2.33	1.03	7.79	0.83	0.58	4.98	7.94		
Oils and Fats	3.41	1.00	0.33	0.27	0.22	0.35	2.80	(0.52)	0.90	4.60	7.20		
Fruits	1.35	17.13	2.80	(10.82)	0.38	25.49	15.49	(15.66)	0.48	0.75	30.41		
Vegetables	4.12	(4.75)	13.62	0.02	(3.80)	(2.66)	15.93	0.72	(3.14)	(4.90)	13.64		
Sugar, Jam & Etc	0.56	0.33	8.51	1.90	0.21	(2.43)	0.80	(0.02)	(1.91)	4.94	0.83		
Food Products n.e.c (ND)	0.87	1.39	2.66	1.05	1.04	1.07	(0.26)	(0.55)	(0.20)	3.55	8.20		
Non - Alcoholic Beverages	1.74	0.86	0.86	0.52	0.70	0.91	0.44	0.65	0.33	2.07	0.30		
Alcoholic Beverages	1.22	0.79	3.14	1.85	0.91	(0.48)	10.57	(1.99)	1.86	(2.12)	4.88		
Tobacco	0.33	0.55	0.72	0.59	0.32	(0.71)	5.99	(0.27)	(1.74)	(0.13)	4.34		
Narcotics (ND)	0.69	0.31	6.63	0.05	0.94	(0.10)	2.82	2.23	18.71	1.17	6.42		
Clothing	7.87	0.34	4.41	0.09	0.70	3.02	2.30	(2.08)	1.36	6.47	8.75		
Actual Rentals for Housing	18.77	2.25	2.34	0.60	0.66	(0.12)	3.44	(2.35)	(1.97)	0.30	6.61		
Electricity,gas&other fuels	6.04	2.87	0.78	0.22	0.27	0.07	5.24	0.31	(0.74)	1.31	3.61		
Fules & Lubricants	3.20	1.28	5.04	0.21	(0.22)	(0.09)	(2.01)	2.64	2.87	0.42	19.50		
Education	4.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Personal Care	2.72	1.77	3.94	0.04	(0.24)	(1.53)	2.98	0.87	0.02	0.17	4.06		
Total	100.00	1.41	2.81	0.22	0.77	0.49	4.38	(0.15)	0.05	1.69	7.15		

Source: National Statistics Bureau, Thimphu

TABLE 15.7: CONSUMER PRICE INDEXES, SUB-COMPONENTS, BHUTAN, JAN 2006 TO JUNE 2008

YEAR ON YEAR GROWTH RATE		3rd Qtr. 2003=100											
Item	Weight (%)	2006				2007				2008			
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Food	27.69	1.91	6.94	5.75	5.30	5.62	9.95	8.88	8.90	11.31	13.01	8.90	13.01
Bread and Cereals (ND)	7.39	0.91	2.15	3.96	4.01	3.17	6.51	5.52	6.43	14.92	19.90	5.52	19.90
Meat	3.27	5.42	7.10	3.29	3.04	2.00	18.79	16.51	16.19	17.39	8.19	16.51	8.19
Fish	1.03	0.66	4.89	4.75	2.87	1.46	3.15	3.92	5.20	8.48	15.68	3.92	15.68
Milk,cheese & Eggs	5.16	2.43	7.69	8.54	10.86	11.26	12.43	12.35	10.44	14.76	14.92	12.35	14.92
Oils and Fats	3.41	2.59	4.55	2.45	1.83	1.18	3.67	2.85	3.55	7.93	12.55	2.85	12.55
Fruits	1.35	(6.85)	8.11	7.57	7.79	15.49	29.75	22.71	22.83	(1.39)	11.34	22.71	11.34
Vegetables	4.12	2.67	15.77	8.16	4.13	6.41	8.58	9.35	10.10	7.56	5.44	9.35	5.44
Sugar, Jam & Etc	0.56	4.77	9.52	11.27	11.16	8.11	0.44	(1.46)	(3.54)	3.74	3.77	(1.46)	3.77
Food Products n.e.c (ND)	0.87	5.70	8.17	8.26	6.28	5.94	2.93	1.30	0.06	2.51	11.20	1.30	11.20
Non - Alcoholic Beverages	1.74	3.56	2.43	2.83	2.97	3.02	2.60	2.73	2.35	3.53	3.39	2.73	3.39
Alcoholic Beverages	1.22	0.81	4.14	6.06	6.85	5.50	13.10	8.83	9.85	8.04	2.48	8.83	2.48
Tobacco	0.33	14.54	14.36	15.03	2.21	0.92	6.20	5.29	3.13	3.73	2.12	5.29	2.12
Narcotics (ND)	0.69	1.64	10.11	10.03	8.03	7.59	3.75	6.01	24.66	26.25	30.66	6.01	30.66
Clothing	7.87	6.16	8.06	7.43	5.60	8.42	6.23	3.92	4.60	8.11	14.92	3.92	14.92
Actual Rentals for Housing	18.77	2.72	5.12	5.43	5.97	3.52	4.63	1.56	(1.10)	(0.68)	2.36	1.56	2.36
Electricity,gas&other fuels	6.04	3.57	4.06	4.29	4.18	1.35	5.83	5.92	4.86	6.16	4.51	5.92	4.51
Fules & Lubricants	3.20	7.08	8.11	6.97	6.37	4.92	(2.12)	0.26	3.36	3.90	26.70	0.26	26.70
Education	4.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personal Care	2.72	8.84	12.91	12.66	5.56	2.14	1.20	2.04	2.31	4.08	5.17	2.04	5.17
Total	100.00	3.13	6.17	5.39	5.30	4.34	5.94	5.54	4.78	6.03	8.85	5.54	8.85

Source: National Statistics Bureau, Thimphu

TABLE 16.1: SUMMARY OF CRIME REPORTS BY NATURE OF CRIME, BHUTAN, 2007

(Incident)	
Nature of Crime	2007
ATTEMPT, AIDING AND ABETTING, SOLICITATION AND CRIMINAL CONSPIRACY	39
HOMICIDE	14
ASSAULT,BATTERY AND RELATED OFFENCES	449
KIDNAPPING AND RELATED OFFENCES	5
SEXUAL OFFENCES	40
OFFENCE AGAINST INFANT,CHILD,MENTALLY DISSABLED AND INCOMPETENT PERSON	5
ARSON AND RELATED OFFENCES	41
LARCENY,ROBBERY, ARMED ROBBERY AND RELATED OFFENCES	407
MONEY LAUNDERING AND SMUGGLING	16
EMBEZZLEMENT AND BRIBERY	8
BURGLARY, TRESPASS AND RELATED OFFENCES	247
FORGERY AND RELATED OFFENCES	32
DEFAMATION AND RELATED OFFENCES	4
TREASON,TERRORISM AND RELATED OFFENCES	6
OFFENCES AGAINST CULTURAL AND NATIONAL HERITAGE	156
OFFENCES AGAINST JUDICIAL AUTHORITY	..
PROSTITUTION AND RELATED OFFENCES	5
OFFENCES AGAINST THE PUBLIC WELFARE	71
OFFENCES RELATED TO PUBLIC AND CIVIC DUTIES	2
OFFENCES RELATED TO PUBLIC ORDER AND TRANQUILLITY	11
OFFENCES AGAINST PRIVACY	..
COMPUTER OFFENCES	..
OFFENCES RELATED TO FIREARMS AND WEAPONS	13
OFFENCES RELATED TO PROTECTED SPECIES,CONTROLLED AND OTHER HARMFUL SUBSTANCES	67
MOTOR VEHICLE OFFENCES	559
OTHERS	174
TOTAL CRIMES	2371

Source: Ministry of Home & Cultural Affairs, Thimphu.

TABLE 16.2: DETAILS OF CRIME REPORTS BY NATURE OF CRIME, BHUTAN, 2007

Details of Crime	(Incident) 2007
ATTEMPT, AIDING AND ABETTING, SOLICITATION AND CRIMINAL CONSPIRACY	
Aiding and Abetting	0
Solicitation	0
Criminal Conspiracy	0
Criminal Attempt Murder	6
Criminal Attempt Rape	7
Criminal Attempt Burglary	3
Criminal Attempt Larceny	8
Criminal Attempt Suicide	15
TOTAL	39
HOMICIDE	
Murder	3
Voluntary Manslaughter	5
Involuntary Manslaughter	2
Negligent Homicide	3
Illegal Abortion	0
Custodial Death	0
Complicity in Suicide	0
Illegal Selling or Buying of Human Organs	1
Trafficking a Person	0
TOTAL	14
ASSAULT, BATTERY AND RELATED OFFENCES	
Assault	41
Battery	401
Reckless Endangerment	7
TOTAL	449
KIDNAPPING AND RELATED OFFENCES	
Kidnapping	0
Abduction	0
Criminal Elopement	4
Escape from Lawful Custody	1
Felonious Restraint	0
Infringement of Movement	0
TOTAL	5

Source: Ministry of Home & Cultural Affairs, Thimphu.

**TABLE 16.2 (contd.): DETAILS OF CRIME REPORTS BY NATURE OF CRIME,
BHUTAN , 2007**

Details of Crime	(Incident) 2007
SEXUAL OFFENCES	
Rape	22
Rape of a Married Person	1
Statutory Rape	4
Rape of a Child above twelve years of age	3
Rape of a Pregnant Woman	0
Gang Rape	2
Gang Rape of a Married Person	0
Gang Rape of a Child below Twelve years of age	0
Gang Rape of a Child above twelve years of age	1
Gang Rape of a Pregnant Woman	0
Custodial Rape	0
Marital Rape	0
Child Molestation	4
Sexual Harrassment	2
Incest	1
Indecent Exposur	0
Bestiality	0
Un-Natural Sex	0
TOTAL	40
OFFENCE AGAINST INFANT, CHILD, MENTALLY DISSABLED AND INCOMPETENT PERSON	
Abandonment of an Infant or a Child	3
Abandonment of Dead Infant	1
Child Abuse	0
Endangerment of a Child	0
Pedophilia	0
Trafficking of a Child	1
Endangerment of a Mentally Dissabled or an Incompetent Person	0
TOTAL	5
ARSON AND RELATED OFFENCES	
Arson	5
Negligent Burning or Exploding	36
TOTAL	41

Source: Ministry of Home & Cultural Affairs, Thimphu.

**TABLE 16.2 (contd.): DETAILS OF CRIME REPORTS BY NATURE OF CRIME,
BHUTAN , 2007**

	(Incident)
Details of Crime	2007
LARCENY, ROBBERY, ARMED ROBBERY AND RELATED OFFENCES	
Larceny	348
Larceny by Deception	1
Robbery	6
Armed Robbery	4
Extortion	0
Illegal Transfer of Immovable Property	0
Larceny of Property Lost, Mislaid or Delivered by Mistake	3
Possession of Stolen Property	0
Theft of Service	0
Un-Authorized use of Property	0
Breach of Trust	14
Criminal Misappropriation of Property	2
Reckless Endangerment of Property	1
Un-Lawful Posting of Advertisements	0
Auto Stripping	25
Pick Pocketing	3
TOTAL	407
MONEY LAUNDERING & SMUGGLING	
Money Laundering	0
Smuggling	12
Receiving of Smuggled Goods or Substances	0
Tax Evasion	0
Breach of Contract	4
TOTAL	16
EMBEZZLEMENT & BRIBERY	
Embezzlement	7
Bribery	0
Commercial Bribery	0
Official Misconduct	1
TOTAL	8

Source: Ministry of Home & Cultural Affairs, Thimphu.

**TABLE 16.2 (contd.): DETAILS OF CRIME REPORTS BY NATURE OF CRIME,
BHUTAN , 2007**

Details of Crime	(Incident) 2007
BURGLARY,TRESPASS AND RELATED OFFENCES	
Burglary	237
Trespass	3
Impersonation	7
TOTAL	247
FROGERY & RELATED OFFENCES	
Frogery	13
Tampering with Public Records	0
Tampering with Documents	0
Execution of a Document by Deception	0
Fraudulent Cheque Writing	2
Counterfeiting	0
Deceptive Practice	17
Fraudulent Obtaining of Insurance	0
Fraudulent Insolvency	0
Fraud Involving a Security Interest	0
TOTAL	32
DEFAMATION & RELATED OFFENCES	
Defamation	3
Libel	1
Black Mail	0
False Advertising	0
TOTAL	4
TREASON, TERRORISM & RELATED OFFENCES	
Treason	1
Terrorism	1
Sedition	2
Espionage	0
Hijacking	0
Abettor of Mutiny	0
Harbouring of Deserter	0
Impersonation of Uniformed Personnel	0
Impersonation of an Official	2
TOTAL	6

Source: Ministry of Home & Cultural Affairs, Thimphu.

**TABLE 16.2 (contd.): DETAILS OF CRIME REPORTS BY NATURE OF CRIME,
BHUTAN , 2007**

	(Incident)
Details of Crime	2007
OFFENCES AGAINST CULTURAL & NATIONAL HERITAGE	
Illegal sale of Cultural and National Heritage Property	0
Damage to Cultural or National Heritage Property and National Monuments	0
Damagae to Religious Objects	144
Offence against the Ku, Sung, Thuk-Ten or Zungs	10
Illegal Purchase or sale of Ku, Sung, Thuk-Ten or Zungs	0
Illegal Gift of Ku, Sung, Thuk-Ten or Zungs	0
Caretaker's Negligence causing loss or Larceny of Ku, Sung, Thuk-Ten or Zungs	0
Larceny of Antique	1
Illegal Purchase or sale of Antique	1
Illegal Gift of Antique	0
TOTAL	156
OFFENCES AGAINST JUDICIAL AUTHORITY	
Un-Authorized Hearing	0
Contempt of Court	0
Prejury	0
Cantankerous Litigation	0
TOTAL	0
PROSTITUTION & RELATED OFFENCES	
Prostitution	5
Promption of Prostitute	0
Patronizing a Prostitute	0
Trafficking a Person for Prostitution	0
Lewed and Lascivious Conduct	0
TOTAL	5
OFFENCES AGAINST THE PUBLIC WELFARE	
Public Intoxication	0
Use of Tobacco or Health Hazard Substances	23
Illegal Sale fo Tobacco or other Health Hazard Substances	4
Illegal Sale of Alcohol	2
Gambling	0
Malicious Mischief	39
Usury	0
Tampering with a Consumer Product	0
Black-Marketing	2
Anti-Trust	0
Endangerment of a Public Water Source	0
Environment Pollution	1
Criminal Nuisance	0
TOTAL	71

Source: Ministry of Home & Cultural Affairs, Thimphu.

**TABLE 16.2 (contd.): DETAILS OF CRIME REPORTS BY NATURE OF CRIME,
BHUTAN , 2007**

Details of Crime	(Incident) 2007
OFFENCES RELATED TO PUBLIC & CIVIC DUTIES	
Entrapment	0
Torture	0
Illegal Arrest	0
Hindering Prosecution	0
Obstruction of Lawful Authority	2
Obstruction of Public Service	0
Reporting of False Information	0
Failure to Assist Lawful Authority	0
Failure to Report a Crime	0
Tampering with a Dead Body	0
Abandonment of a Person in Danger	0
Malpractice	0
Crime Against Public Election	0
Illegal Immigration	0
Illegal Issue of Immigration Documents	0
Illegal Transportation of Immigrant	0
Drawing of illegal Document	0
TOTAL	2
OFFENCES RELATED TO PUBLIC ORDER AND TRANQUILLITY	
Breach of Public Order and Tranquillity	0
Unlawful Assemble	0
Disruption of a Lawful meeting or Gathering	0
Failure to Disperse	0
Rioting	0
Promotion of Civil Unrest	0
Disorderly Conduct	3
Harassment	3
Prowling	4
Obstruction of Through Fare	1
TOTAL	11
MISCELLANEOUS OFFENCES	
OFFENCES AGAINST PRIVACY	
Eavesdropping	0
Unauthorized oppening of Mail or Parcel	0
TOTAL	0
COMPUTER OFFENCES	
Tampering with Computer Material	0
Unlawful Possession of Computer Materials	0
Computer Pornography	0
TOTAL	0

Source: Ministry of Home & Cultural Affairs, Thimphu.

**TABLE 16.2 (contd.): DETAILS OF CRIME REPORTS BY NATURE OF CRIME,
BHUTAN , 2007**

	(Incident)
Details of Crime	2007
OFFENCES RELATED TO FIREARMS AND WEAPONS	
Illegal Manufacturing of a Firearms, Ammunition, Explosive or other Lethal Weapons	0
Illegal Possession of Firearm, Ammunition, Explosive or other Lethal Weapons	5
Illegal Sale or Purchase of a Firearm, Ammunition, Explosive or other Lethal Weapons	1
Illegal Pointing of a Firearm	0
Display of Weapon	7
False Alarm	0
TOTAL	13
OFFENCES RELATED TO PROTECTED SPECIES, CONTROLLED AND OTHER HARMFUL SUBSTANCES	
Risking the Protected Species	4
Illegal Hunting or Fishing	3
Genetic Interference	0
Illegal Cultivation, Production or Manufacturing	0
Illegal Transaction of Controlled Substances	11
Possession of a Controlled Substances	44
Adulteration of Drugs	0
Sale of a Prescription for a controlled Substances	0
Illegal Sale and use of Harmful Chemical Substance	5
TOTAL	67
MOTOR VEHICLE OFFENCES	
M.V Accident	469
M.V Accident (Fatal)	18
Hit and Run	60
Cycle Accident	0
Pedestrian Accident	12
Traffic Violation	0
TOTAL	559
OTHERS	
Accidental Death	42
Accidental Injury	1
Absconding	0
Black Magic	1
Drowning	32
Natural Calamities	1
Missing of Person	19
Un-Natural Death	28
Suicide	50
TOTAL	174
TOTAL CRIMES	2371

Source: Ministry of Home & Cultural Affairs, Thimphu.

**TABLE16.3: MONTHLY MOTOR VEHICLE ACCIDENTS BY TRAFFIC DIVISION,
BHUTAN 2007**

Traffic Divisions	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Thimphu Division	51	30	29	36	38	27	14	8	8	3	5	7	256
Div-I Paro	4	3	-	-	-	-	3	1	-	1	4	1	17
Div-II Punakha	2	1	1	3	1	2	2	-	2	1	1	1	17
Div-III Phuentsholing	12	23	18	22	21	13	9	17	19	15	9	11	189
Div-IV Samtse	-	2	-	1	1	1	1	-	1	-	1	-	8
Div-V Gelephu	-	-	1	-	2	-	3	-	-	1	-	1	8
Div-VI Tsirang	2	-	1	1	-	1	1	-	-	-	1	-	7
Div-VII Trongsa	-	1	1	1	-	1	1	1	4	1	1	4	16
Div-VIII S/Jongkhar	-	1	-	2	3	1	-	-	1	-	-	-	8
Div-IX Trashigang	1	1	3	-	2	2	1	3	4	1	1	1	20
Div-X Mongar	3	1	-	-	-	5	2	-	-	-	1	1	13
TOTAL	75	63	54	66	68	53	37	30	39	23	24	27	559

Source: Ministry of Home & Cultural Affairs, Thimphu.

TABLE 16.4: CAUSES OF MOTOR VEHICLE ACCIDENTS BY TRAFFIC DIVISION, BHUTAN, 2007

							(incident)
Traffic division/ Type of Vehicle	Mechanical fault	Drunk driving	Bad weather	Without licence	Unknown causes	Other causes	All causes
Thimphu							
Truck	4	-	2	3	-	32	41
Buses	1	-	-	-	-	4	5
Light Vehicle	3	7	3	7	1	173	194
Two wheeler	-	2	-	1	-	13	16
Total	8	9	5	11	1	222	256
Paro							
Truck	7	-	-	-	-	-	7
Buses	1	-	-	-	-	-	1
Light Vehicle	7	-	-	1	-	1	9
Two wheeler	-	-	-	-	-	-	0
Total	15	0	0	1	0	1	17
Punakha							
Truck	1	-	2	-	-	4	7
Buses	-	-	-	-	-	-	0
Light Vehicle	-	-	3	3	-	4	10
Two wheeler	-	-	-	-	-	-	0
Total	1	0	5	3	0	8	17
Phuentsholing							
Truck	24	2	9	1	-	55	91
Buses	-	1	-	-	-	2	3
Light Vehicle	4	8	11	1	-	60	84
Two wheeler	-	-	1	-	1	9	11
Total	28	11	21	2	1	126	189
Samtse							
Truck	3	-	-	-	-	-	3
Buses	-	-	-	-	-	-	0
Light Vehicle	5	-	-	-	-	-	5
Two wheeler	-	-	-	-	-	-	0
Total	8	0	0	0	0	0	8
Gelephu							
Truck	3	-	-	-	-	-	3
Buses	-	-	-	-	-	-	0
Light Vehicle	3	-	-	1	-	-	4
Two wheeler	-	-	-	-	-	1	1
Total	6	0	0	1	0	1	8
Tsirang							
Truck	-	-	-	-	-	-	0
Buses	-	-	-	-	-	-	0
Light Vehicle	2	-	1	1	-	-	4
Two wheeler	2	1	-	-	-	-	3
Total	4	1	1	1	0	0	7

(cont)...

TABLE 16.4 (contd.): CAUSES OF MOTOR VEHICLE ACCIDENTS BY TRAFFIC DIVISION, BHUTAN, 2007

(incident)

Traffic division/ Type of Vehicle	Mechanical fault	Drunk driving	Bad weather	Without licence	Unknown causes	Other causes	All causes
Trongsa							
Truck	-	-	-	-	-	1	1
Buses	-	-	-	-	-	-	0
Light Vehicle	4	1	2	2	-	3	12
Two wheeler	-	-	-	2	-	1	3
Total	4	1	2	4	0	5	16
Samdrup Jongkhar							
Truck	2	-	-	-	-	1	3
Buses	-	-	-	-	-	-	0
Light Vehicle	3	-	-	-	1	1	5
Two wheeler	-	-	-	-	-	-	0
Total	5	0	0	0	1	2	8
Trashigang							
Truck	1	-	-	-	1	1	3
Buses	1	-	-	-	-	1	2
Light Vehicle	3	-	-	2	-	6	11
Two wheeler	-	1	-	1	-	2	4
Total	5	1	0	3	1	10	20
Mongar							
Truck	-	-	-	-	-	-	0
Buses	-	-	-	-	1	-	1
Light Vehicle	2	1	2	-	3	3	11
Two wheeler	-	-	-	-	1	-	1
Total	2	1	2	0	5	3	13
Bhutan	86	24	37	25	9	378	559

Source: Ministry of Home & Cultural Affairs, Thimphu.

