Amendment to the

Crop Situation Update June 2011

Cereal Food Balance 2010-2011 amended to reflect the preliminary results of the National Population Census 2011 released by the Central Bureau of Statistics

November 2011

MINISTRY OF AGRICULTURE AND COOPERATIVES

WORLD FOOD PROGRAMME

FOOD AND AGRICULTURE ORGANIZATION

INTRODUCTION

This amendment has been prepared to reflect the preliminary results of the 2011 National Population Census (NPC), released by the Central Bureau of Statistics in September 2011. According to the preliminary results, the population of Nepal has reached 26,620,809 with a population growth rate of 1.4 percent per annum.

Updated population figures have an impact on the edible cereal requirements for Nepal (191 kg per person per year on average), which have been calculated based on the original population count of the 2001 NPC, using an estimated population growth rate of 2.25 percent per annum.

Due to the lower than estimated population number and the resulting lower edible cereal requirements, the amended national food balance situation shows a larger surplus for the crop year 2010/11 than previously published in the Crop Situation Update (June 2011): 443.1 thousand MT against 110 thousand MT.

AMENDED NATIONAL FOOD BALANCE SITUATION 2010/11

Nepal has experienced cereal food deficit in four of the past six years (since 2005/06) and the highest food decifit of 330 thousand MT was reported in 2009/10. In contrast, the country has a total of 443.1 thousand MT edible food surplus (9% of requirement) in 2010/11.

Despite a record-high surplus in 2010/11, the amended cereal food balance shows that 33 out of 75 districts are still food deficit (see Annex Table 1), many of which are found in the Mid- and the Far-Western hills and mountains where road/market access is limited. Some *Terai* districts such as Sunsari, Saptari and Siraha are also among the food deficit ones because of high population and relatively low production. Kathmandu has experienced a largest defict of 305,000 MT due to a large population of urban consumers.

At sub-regional levels, mountain districts in the Mid and the Far western regions are in the deficit by 15.8 thousands MT and 38.4 thousands MT (22% and 42% of the requirements) respectively and hill distircts in the Far western region are in the deficit by 41.6 thousands MT (24% of the requirements). The highest deficit of 393.5 thousands MT (44% of the requirement) is found in the hill districts of the Cental region, which is due to the high urban population in the Kathmandu valley districts. All the three sub-regions in the Eastern development region are in a surplus situation (see Annex Table 1 and Maps 1 & 2).

ANNEX

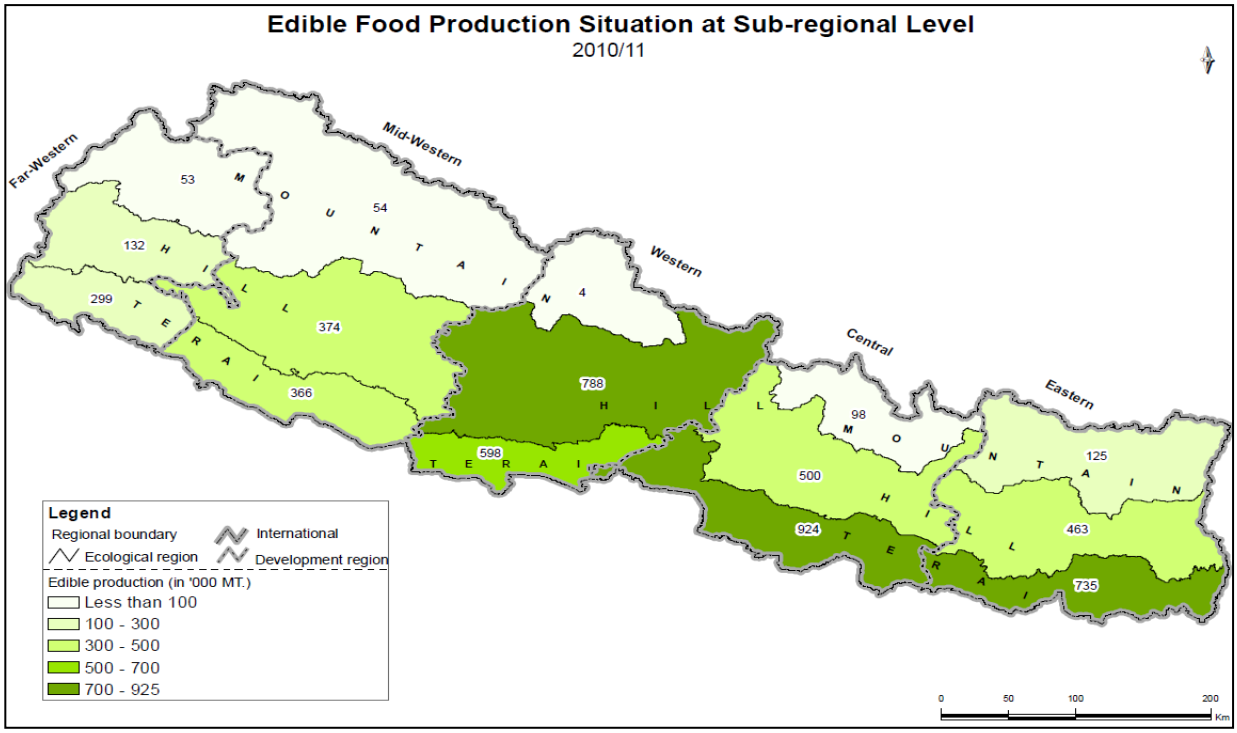
Table 1: 2010/11 cereal crop production situation and edible cereal food balance* by district (MT)

DISTRICT	Paddy Prod.	Maize Prod.	Millet Prod.	Wheat Prod.	Barley Prod.	Buck wheat Prod.	Total Cereal Prod.	Total Edible Prod.	Requirement (MT)	Balance (+,-)
TAPLEJUNG	20,100	36,795	3,813	3,921	300	0	64,929	45,375	24,552	20,823
SANKHUWASHAVA	29,816	28,259	9,875	2,800	26	0	70,777	45,325	20,393	24,932
SOLUKHUMBU	3,060	32,388	2,625	7,125	224	180	45602	34,730	30,493	4,237
E.MOUNTAIN	52,976	97,442	16,313	13,846	550	180	181,307	125,432	75,438	49,994
PANCHTHAR	21,840	21,233	8,350	7400	600	42	59465	38,604	39,871	-1,267
ILLAM	45,690	77,500	3,312	13365	75	20	139962	99,923	59,461	40,462
TERHATHUM	21,102	21,014	3,061	4505	110	8	49800	32,124	20,444	11,680
DHANKUTA	21,957	39,736	8,080	3296	10	13	73092	52,137	32,991	19,146
BHOJPUR	37,633	48,600	5,100	4160	40	53	95585	65,641	36,968	28,673
KHOTANG	27,459	52,000	19,800	11200	435	450	111344	79650	42,035	37,615
OKHALDHUNGA	9,850	23,202	11,865	5684	138	80	50819	36,464	29,812	6,652
UDAYAPUR	42,625	34,980	3,965	11000	36	14	92620	58,494	64,714	-6,220
E.HILLS	228,156	318,265	63,533	60,610	1,444	679	672,686	463,039	326,296	136,743
JHAPA	271,920	62,310	2,160	24,150	7	1,300	361,847	213,093	146,725	66,368
MORANG	258,060	45,300	1,716	52,500	0	0	357,576	212,835	174612	38,223
SUNSARI	155,994	23,250	1,200	46,250	0	50	226,744	134,395	135,954	-1,559
SAPTARI	116,842	8,000	250	48,000	0	0	173,092	102,246	116,971	-14,725
SIRAHA	95,697	3,600	700	31,350	0	0	131,347	72,322	116,408	-44,086
E.TERAI	898,513	142,460	6,026	202,250	7	1,350	1,250,606	734,893	690,670	44,223
E.REGION	**1,179,645**	**558,167**	**85,872**	**276,706**	**2,001**	**2,209**	**2,104,599**	**1,323,365**	**1,092,404**	**230,961**
DOLAKHA	6,304	12,336	4,094	5,105	230	0	28,069	16,349	35,944	-19,595
SINDHUPALCHOK	27,002	52,624	19,330	6,650	242	0	105,848	75,595	55,286	20,309
RASUWA	2,908	4,535	1,035	1,258	396	0	10,132	5,806	8,365	-2,559
C.MOUNTAIN	36,214	69,495	24,459	13,013	868	0	144,049	97,751	99,595	-1,844
RAMECHAP	25,049	36,800	5,051	9,013	81	19	76,013	51,854	41,268	10,586
SINDHULI	19,010	39,423	10,560	13,730	90	260	83,073	59,023	59,219	-196
KAVRE	32,915	56,096	3,550	21,001	750	0	114,312	74,095	78,382	-4,287
BHAKTAPUR	23,220	6,000	140	9,884	50	0	39,294	22,236	60,908	-38,672
LALITPUR	21,390	22,979	672	12,617	72	24	57,754	35,489	93,824	-58,335
KATHMANDU	41,730	21,260	715	14,284	7	0	77,996	44,614	349,936	-305,322
NUWAKOT	54,843	53,509	10,449	15,062	250	0	134,113	87,966	56,031	31,935
DHADING	40,882	43,670	7,160	7,914	350	0	99,976	64,295	67,586	-3,291
MAKWANPUR	36,630	40,456	3,206	11,796	25	180	92,293	59,930	85,926	-25,996
C.HILLS	295,669	320,193	415,03	115,301	1,675	483	774,824	499,506	893,080	-393,574
DHANUSHA	61,972	2,365	425	96,119	5	0	275,037	172,834	139,081	33,753
MAHOTTARI	34,776	1,935	232	45,250	50	0	128,022	78,644	116,999	-38,355
SARLAHI	39,350	8,125	215	56,000	50	0	184,688	116,296	139,125	-22,829
RAUTAHAT	42,396	4,950	60	37,020	52	0	165,349	100,169	126,016	-25,847
BARA	52,725	7,500	78	96,900	66	0	286,771	186,383	126,888	59,495
PARSA	46,690	4,065	81	75,700	34	0	247,472	156,278	108,908	47,370
CHITWAN	32,770	20,660	1,810	26,533	61	775	192,644	113,166	102,566	10,600
C.TERAI	310,679	49,600	2,901	433,522	318	775	1,479,982	923,773	859,583	64,190
C.REGION	**418,503**	**213,232**	**63,136**	**561,836**	**2,861**	**1,258**	**2,398,854**	**1,521,031**	**1,852,258**	**-331,227**
MANANG	0	185	0	644	273	575	2,010	1,388	1,247	141
MUSTANG	0	525	0	1,081	475	955	3,321	2,258	2,636	-378
W.MOUNTAIN	0	710	0	1,725	748	1,530	5,331	3647	3,883	-236
GORKHA	17,785	19,350	11,605	7,240	110	380	112,148	75,309	54,147	21,162
LAMJUNG	16,135	15,900	7,919	6,500	27	16	87,483	60,954	33,990	26,964
TANAHU	20,850	26,029	6,710	3,435	5	175	137,135	92,397	66,447	25,950
KASKI	23,000	20,800	16,640	14,200	109	14	150,591	97,416	98,576	-1,160
PARBAT	9,595	14,205	8,845	6,773	176	28	66,264	45389	29,562	15,827
SYANGJA	19,455	30,900	16,805	13,200	120	113	188,026	134,327	57,896	76,431

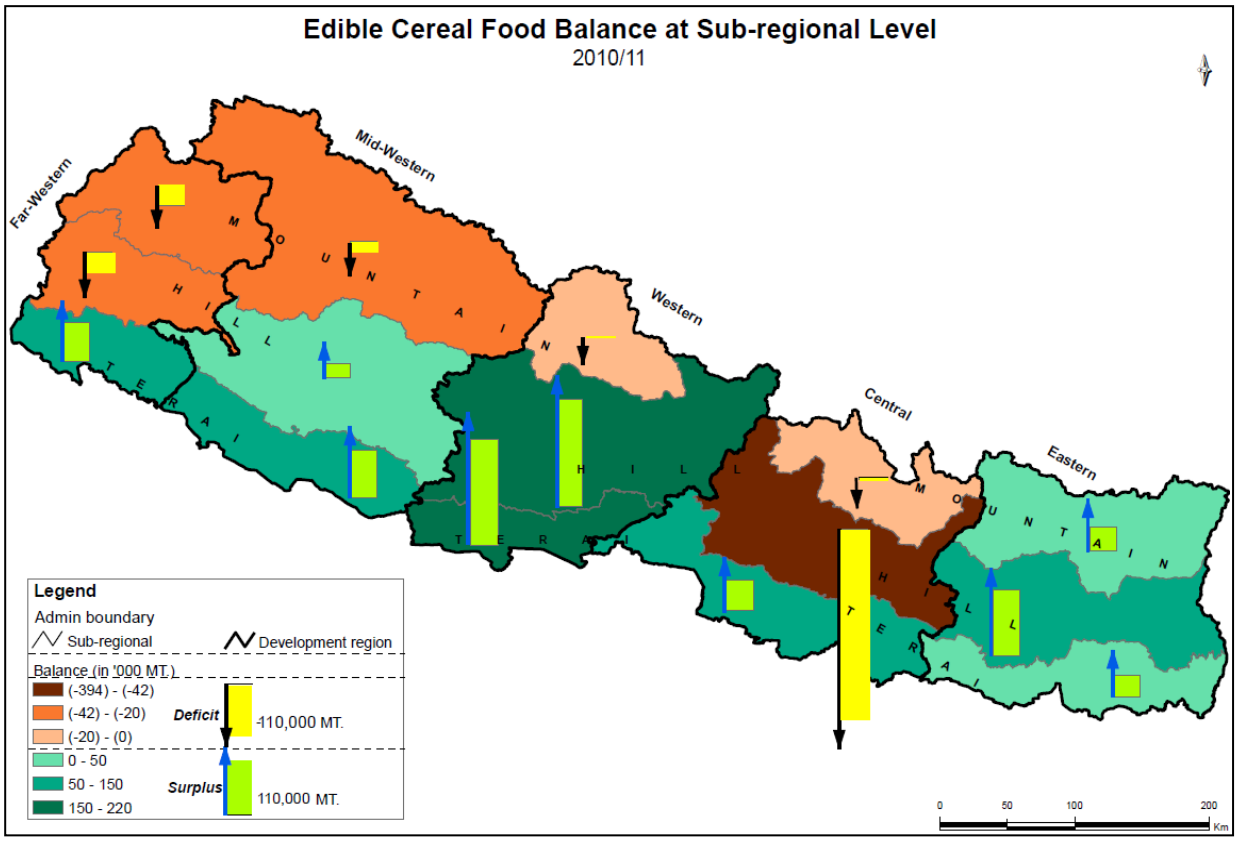
DISTRICT	Paddy Prod.	Maize Prod.	Millet Prod.	Wheat Prod.	Barley Prod.	Buck wheat Prod.	Total Cereal Prod.	Total Edible Prod.	Requirement (MT)	Balance (+,-)
PALPA	9,561	21,563	2,580	13,425	38	433	84,443	58,245	54,144	4,101
MYAGDI	3,895	11,115	3,048	5,845	559	0	53,827	39,240	22,860	16,380
BAGLUNG	5,792	20,327	17,700	13,267	1,265	110	107,475	80,578	54,272	26,306
GULMI	10,426	24,845	2,916	15,796	570	204	87,837	62,501	56,999	5,502
ARGHAKHANCHI	8,768	16,915	820	13,478	593	330	63,563	41,404	40,290	1,114
W.HILLS	145,262	221,949	95,588	113,159	3,572	1,803	1,138,791	787,764	569,183	218,581
NAWALPARASI	46,690	10,750	500	46,140	88	200	260,981	157,512	115,079	42,433
RUPANDEHI	71,500	2,500	100	105,900	30	0	392,120	240,668	160,494	80,174
KAPILBASTU	72,000	1,390	100	96,986	280	0	325,893	200,207	103,281	96,926
W.TERAI	190,190	14,640	700	249,026	398	200	978,994	598,387	378,853	219,534
W.REGION	**335,452**	**237,299**	**96,288**	**363,910**	**4,718**	**3,533**	**2,123,116**	**1,389,800**	**951,919**	**437,881**
DOLPA	270	2,300	325	5,700	208	240	10,317	8,610	7,010	1,600
MUGU	1,265	607	1,800	7,785	1,837	750	15,160	9,278	10,564	-1,286
HUMLA	565	105	1,302	820	701	0	3,777	1,488	9,743	-8,255
JUMLA	2,750	4,550	3,950	2,530	4,410	651	24,136	15,428	20,768	-5,340
KALIKOT	3,522	5,455	1,252	9,015	720	0	28,339	19,551	27,049	-7,498
MW.MOUNTAIN	8,372	13,017	8,629	25,850	7,876	1,641	81,729	54,358	75,134	-20,776
RUKUM	11,288	41,030	979	27,140	1,203	0	81,640	62,135	42,386	19,749
ROLPA	12,966	24,771	1,061	11,740	560	0	51,098	35,643	45,642	-9,999
PYUTHAN	17,004	24,880	1,998	15,590	578	0	60,050	41,645	47,268	-5,623
SALYAN	21,753	24,652	2,483	28,050	1,529	88	78,555	52,724	48,959	3,765
JAJARKOT	11,488	14,071	4,522	14,632	478	26	45,218	31,662	34,686	-3,024
DAILEKH	26,627	39,091	2,628	9,870	285	0	78,501	53,837	53,031	806
SURKHET	47,435	41,538	2,703	45,000	1,330	0	138,006	96,421	72,381	24,040
MW.HILLS	148,561	210,033	16,374	152,022	5,963	114	533,068	374,070	344,353	29,717
DANG	115,962	55,062	150	29,000	25	0	200,199	126,970	100,971	25,999
BANKE	119,720	18,446	-	38,154	10	0	176,330	104,898	89,236	15,662
BARDIYA	148,925	18,210	-	52,800	10	0	219,945	134,383	77,277	57,106
MW.TERAI	384,607	91,718	150	119,954	45	0	596,474	366,251	267,484	98,767
MW.REGION	**549,294**	**323,040**	**25,471**	**297,826**	**13,884**	**1,755**	**1,211,271**	**794,680**	**686,971**	**107,709**
BAJURA	5,418	1,749	2,610	9,900	1,769	11	21,457	12,498	25,882	-13,384
BAJHANG	16,215	5,475	2,300	8,300	1,500	0	33,790	19,750	37,489	-17,739
DARCHULA	10,725	12,566	1,300	6,000	1,100	75	31,766	20,436	29,490	-9,054
FW.MOUNTAIN	32,358	19,790	6,210	24,200	4,369	86	87,013	52,686	92,861	-40,175
ACHHAM	22,680	9,844	3,241	23,401	667	0	59,833	38,625	51,862	-13,237
DOTI	18,000	4,193	5,353	28,000	250	0	55,796	36,209	42,577	-6,368
BAITADI	10,017	17,100	950	24,700	600	0	53,367	36,830	50,675	-13,845
DADELDHURA	14,182	6,390	390	12,000	225	0	33,187	20,275	28,450	-8,175
FW.HILLS	64,879	37,527	9,934	88,101	1,742	0	202,183	131,941	173,564	-41,623
KAILALI	174,000	28,500	310	69,000	660	0	272,470	167,989	139,420	28,569
KANCHANPUR	139,965	11,495	180	64,232	5	0	215,877	131,382	80,421	50,961
FW.TERAI	313,965	39,995	490	133,232	665	0	488,347	299,371	219,841	79,530
FW.REGION	**411,202**	**97,312**	**16,634**	**245,533**	**6,776**	**86**	**777,543**	**483,998**	**486,266**	**-2,268**
MOUNTAIN	137,674	209,344	55,929	78,634	14,411	3,437	499,429	333,874	346,911	-13,037
HILL	1,126,711	1,411,729	236,443	529,193	14,396	3,079	3,321,551	2,256,322	2,306,476	-50,154
TERAI	3,195,893	446,449	10,319	1,137,984	1,433	2,325	4,794,403	2,922,678	2,416,431	506,247
NEPAL	**4,460,278**	**2,067,522**	**302,691**	**1,745,811**	**30,240**	**8,841**	**8,615,383**	**5,512,875**	**5,069,818**	**443,057**

* This food balance is calculated with the preliminary population census data of the year 2010/11.

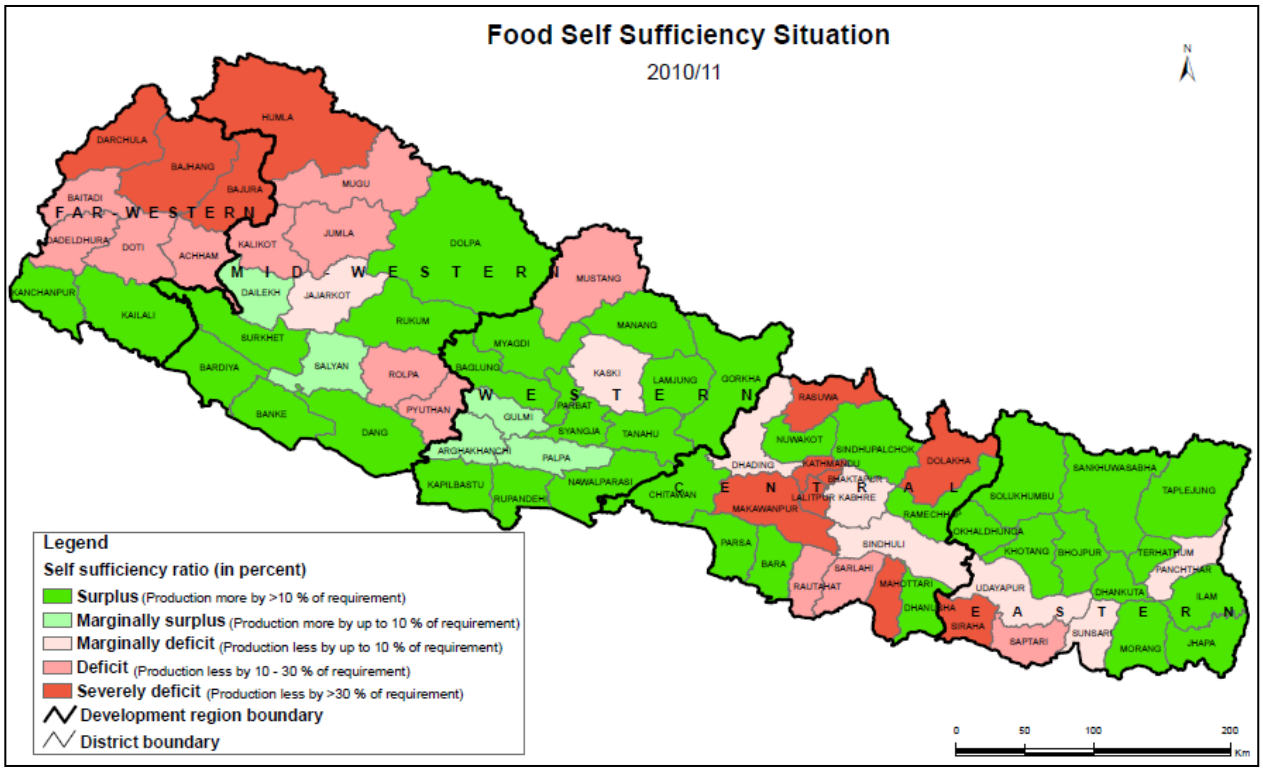
Map 1: Edible Food Production Situation at Sub-regional Level



Map 2: Edible Cereal Food Balance at Sub-regional Level



Map 3: Food self-sufficiency situation



Source: Ministry of Agriculture and Cooperatives, 2010/11