



RESEARCH INTO THE LONG TERM IMPACT OF DEVELOPMENT INTERVENTIONS IN THE KOSHI HILLS OF NEPAL

DOCUMENTARY REPORT

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Annex 1: Total Planned Outlay for National Plans (1956-2010), Nepal

National Plans	Periodic	Total Planned Outlay (in millions)	
		NRs.	USD (at 2012 rates)
1st	1956 – 1961	330	4
2nd	1962 – 1965	600	8
3rd	1965 – 1970	2,500	32
4th	1970 – 1975	3,540	45
5th	1975 – 1980	9,197 - 11,404	116.8 - 144.8
6th	1980 – 1985	21,750	276
7th	1985 – 1990	103,014	1,308
8th	1990 – 1995	170,332	2,163
9th	1997 – 2002	372,711	4,733
10th	2002 – 2007	609,823	7,744
11th	2007 – 2010	587,676	7,463
12th	2010 – 2013	1,023,705	12,999

Annex 2: Protected Area Systems, Nepal

The efforts to conserve the natural resources undertaken by the government in Nepal can be divided into three types, such as (i) policies and strategies, (ii) acts, and (iii) regulations and guidelines. They are as follows:

- Policies and strategies:
 - (i) National Conservation Strategy 1988
 - (ii) Nepal Environmental Policy and Action Plan 1993
 - (iii) Master Plan for Forestry Sector 1989 – 2010
 - (iv) Environmental Assessment in Road Sector of Nepal 2000
 - (v) Nepal Biodiversity Strategy 2002
 - (vi) Protected Areas Acts, Regulations and Policies
 - (vii) Wetland policy, wildlife farming policy, infrastructure development policy
 - (viii) Wildlife victims compensation policy
 - Acts:
 - Soil Conservation and Watershed Act 1982
 - National Parks and Wildlife Conservation Act 1973 and Amendment 1993
 - Forestry Act 1992 and Amendment 1998
 - Environmental Protection Act 1996
 - Plant Protection Act 1997
 - Export Import (Control) Act 1961
 - Customs Act 2007
 - Regulations and guidelines
- 1. Environmental Impact Assessment (EIA) Guidelines for Forestry Sector 1995
- 2. Buffer Zone Regulation 1996
- 3. Environmental Protection Regulation 1997

Of all, two major strategies to be mentioned are Nepal Biodiversity Strategy, 2002 and Sustainable Community Development Programme. They concern with landscape based ecological conservation and protected areas in terms of local people/community participation, indigenous knowledge, institutional strengthening, capacity building, awareness, etc.

- *Nepal Biodiversity Strategy (NBS)* - the Ministry of Forests and Soil Conservation (MFSC) together with the United Nations Development Programme (UNDP) has prepared for NBS in 2002 has mentioned the following cross-sectoral conservation strategies for ecosystem, species and genetic diversity management:
 - Landscape planning approach – dealing with protected areas
 - Institutional strengthening
 - Strengthening the National Biodiversity Unit
 - Indigenous and Local communities' knowledge and innovations
- A. Enhancing National Capacity building
- B. Biodiversity prospecting

- C. Women in biodiversity conservation
- D. Public Education and Awareness
- E. Biodiversity Integrating local participation
- F. In-situ conservation and Ex-situ conservation and Biotechnology
- G. Increase Support for Biodiversity Research and Conservation
- H. Cross-Sectoral Coordination and Implementation of Policies
- I. Intellectual Property and Farmers Property Rights
- J. Environmental Impact Assessment and Biodiversity Conservation
- K. Ecotourism
 - *Sustainable Community Development Programme* - SCDP under its Natural Resources Management Sector has aimed at the following objectives:
 - Create environment awareness among the poor for better use and management of natural resources,
 - Establish multi-purpose forest nurseries and plantations and to introduce alternative energy sources such as micro hydro-electricity, biogas and solar energy, and
 - Support community-based biodiversity conservation initiatives

In order to achieve those objectives, the following activities are to be initiated:

- Restoring degraded land, community forest management, and multipurpose forest nurseries,
- Awareness through creating eco-clubs at schools
- Wetland conservation
- Promoting alternative energy and appropriate technology, and
- Training and capacity building for environment management

Besides, Nepal has signed various international conventions and treaties related to the conservation of biodiversity and forests. Recently, Nepal together with India and Bhutan is moving forward through a transformational program called the 'Living Himalaya Initiatives' (LHI). This program aims to ensure the effective management and conservation of natural and cultural heritage of the Himalayan region through the combined actions of the three governments of Nepal, India and Bhutan and to raise awareness about climate change globally (WWF 2011).

Protected Area Systems, Nepal (CBS (2004), Handbook of Environment Statistics-2003)

Protected areas	No.	Area coverage		Names of the National Parks
		km ²	%	
• National Parks	10	10,853	31.7	Chitwan, Bardia, Sagarmatha, Langtang, Shey Phoksundo, Rara, Khaptad, Makalu Barun, Shivapuri Nagarjun, and Banke
• Wildlife Reserves	3	979	2.9	Suklaphānta, Parsa, and Koshi Tappu
• Conservation Areas	6	15,426	45.1	Annapurna, Manaslu, Kanchenjunga, Apinappa, Gaurishankar, and Krishnasar CA (Blackbuck – <i>Antilope cervicapra</i>)
• Buffer Zones	12	5,603	16.4	
• Hunting Reserve	1	1,325	3.9	Dhorpatan
Total	32	34,186	100.0	23.23% of Nepal's area.
Ramsar Sites				Beeshazar Tal, Ghodaghodi Tal, Jagdishpur

			Reservoir, Gosainkunda, Phoksundo Lake, and Mai Pokhari
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In recognition of the magnitude of biodiversity the Government of Nepal has established a network of 32 protected areas since 1973, consisting of 10 national parks, 3 wildlife reserves, 6 conservation areas, 1 hunting reserve, and 12 buffer zones (Table 2). Additionally, three Ramsar sites were declared in 2003. The buffer zone concept was conceived for the first time in 1996 for the Chitwan National Park, primarily to resolve the park and people conflicts.

Size of the Protected Areas (CBS (2004), Handbook of Environment Statistics-2003)

Protected Areas: National Park/Wildlife Reserve	Area (km ²)			Declared Date	
	PA	BZ	Total	Protected Area	Buffer Zone
• Chitwan NP	932.0	750.0	1682.0	1973-09-20	1996-12-02
• Langtang NP	1710.0	420.0	2130.0	1976-03-22	1998-04-27
• Sagarmatha NP	1148.0	275.0	1423.0	1976-07-19	2002-01-01
• Rara NP	106.0	198.0	304.0	1977-08-08	2006-09-25
• Shey Phoksundo NP	3555.0	1349.0	4904.0	1984-08-06	1998-10-19
• Khaptad NP	225.0	216.0	441.0	1986-06-23	2006-10-30
• Bardia NP	968.0	507.0	1475.0	1988-12-05	1996-12-02
• Makalu Barun NP	1500.0	830.0	2330.0	1991-11-18	1999-02-08
• Shivapuri Nagarjun NP	159.0	-	159.0	2002-02-18	-
• Banke	550.0	343.0	893.0	2010-07-12	2010-07-12
• Suklaphanta WR	305.0	243.5	548.5	1976-07-19	2004-05-22
• Koshi Tappu WR	175.0	173.0	348.0	1980-02-25	2004-08-30
• Parsa WR	499.0	298.17	797.7	1984-05-21	2005-06-27
Total	11832.0	5602.7	17434.7		
Per cent	67.9	32.1	100.0		

Notes: PA = Protected Areas; NP = National Park; WR = Wildlife Reserve.

The protected areas having vast depository of invaluable biodiversity constitute 23.23% of the country's total area. The buffer zone of 12 national parks and wildlife reserves make up 32.1%.

There are 12 Buffer Zone Management Committees (BZMC) for the operation and maintenance of buffer zones. The BZMC receives 50 of the total revenue being generated from own national park or wildlife reserve. There are altogether 206 User Committees and 4,093 User Groups in the buffer zones. The following are the features of the buffer zone:

- The income of the community forest is largely based on eco-tourism and fund provided by the BZMC
- In the recent years, the trend of BZCF formation seems similar to normal community forestry user group
- This dependency on forest and other natural resources has increased along with several broader issues. Some of the critical examples of wide issues associated with broader and longer conservation and the sustainable livelihood.
- The buffer zone area comprises 27 districts, 83 VDCs and 0.7 million population.

Annex 3: Distribution of Land use Categories by Koshi Hill District (1986, 1996 and 2000)

District	Arable			Forest			Shrub			Grassland		Others		
	1986	1996	2000	1986	1996	2000	1986	1996	2000	1986	1996	1986	1996	2000
Bhojpur	65,087	74,634	64,728	70,085	64,763	59,738	8,088	5,867	21,599	7,368	3,572	1,697	3,490	20,760
Dhankuta	46,765	50,429	46,052	30,440	29,340	25,603	6,333	4,694	14,198	3,974	2,871	2,341	2,520	1,494
San_asabha	50,195	59,088	69,385	137,541	127,518	155,486	42,854	48,097	47,148	44,081	11,144	72,225	101,049	63,728
Terhathum	37,355	35,536	33,960	21,301	24,297	19,484	3,266	3,288	12,147	3,831	3,131	1,287	787	606
Total	199,403	219,688	214,126	259,366	245,918	260,311	60,541	61,946	95,091	59,254	20,718	77,550	107,846	86,588

Note: Area in hectare (ha); *No category of grassland with the 2000 land use category.

Source: LRMP 1986: Department of Survey (DoS). 1996: JAFTA 2001.

District	Total		
	1986	1996	2000
Bhojpur	152,325	152,326	166,825
Dhankuta	89,854	89,854	87,347
Sankhuwasabha	346,896	346,896	335,747
Terhathum	67,040	67,040	66,197
Total	656,115	656,116	656,116

Annex 4: Percentile Distribution of Land use Categories by Koshi Hill District (1986, 1996 and 2000)

Land use categories	Bhojpur			Dhankuta			Sankhuwasabha			Terhathum			Total		
	1986	1996	2000	1986	1996	2000	1986	1996	2000	1986	1996	2000	1986	1996	2000
Arable	42.7	49.0	38.8	52.0	56.1	52.7	14.5	17.0	20.7	55.7	53.0	51.3	30.4	33.5	32.6
Forest	<.0	42.5	35.8	33.9	32.7	29.3	39.6	36.8	46.3	31.8	36.2	29.4	39.5	37.5	39.7
Shrub	5.3	3.9	12.9	7.0	5.2	16.3	12.4	13.9	14.0	4.9	4.9	18.3	9.2	9.4	14.5
Grassland	4.8	2.3	*	4.4	3.2	*	12.7	3.2	*	5.7	4.7	0.0	9.0	3.2	*
Others	1.1	2.3	12.4	2.6	2.8	1.7	20.8	29.1	19.0	1.9	1.2	0.9	11.8	16.4	13.2

* No category of grassland by 2000 classification of land use. Others include water bodies, rock, snow and bare land or badland (sand along the river bank), settlement built-ups, roads, etc. It is quite evident from the largest coverage of "Others" category by Sankhuwasabha among the Koshi hill districts, which has only snow covered mountains, the Himalayas, as well as grassland.

Annex 5: Evolution of National Forestry Policies (focusing on Community Forestry) and Major Events in Nepal

YEAR	FOREST RELATED POLICIES
1942	<ul style="list-style-type: none"> Department of Forest (DoF) established with the primary objective of carrying out forest exploitation¹.
1957	<p>Nationalization of forests in the country leading to:</p> <ul style="list-style-type: none"> widespread alienation of local communities; destruction of a variety of forms of traditional management systems; private forests given as <i>birta</i> by the Rana families are affected nationwide; indigenous common property management systems appear; provisions for community participation in the management forests by the FAO, but was none was made.
1959	Establishment of the Ministry of Forestry
1961	<p>Forest Conservation Act 1961:</p> <p>(i) divided forests into different categories, (ii) defined the duties and authority of the forest department, (iii) listed offences, and (iv) prescribed penalties.</p>
1967	<p>Forest Protection (Special Provision) Act 1967:</p> <ul style="list-style-type: none"> provisions for stronger penalties for damaging or removing forest products from national forests without official permission Increased power of the DoF and increase in antagonism between DFO and local communities
1970s	Cadastral Survey throughout the country
1974	Pasture Land Nationalization Act
1976	<p>National Forestry Plan</p> <ul style="list-style-type: none"> Recognition of the role of local communities and specific emphasis on their participation in forest management. Amendment of Forest Act of 1961
1978	<p>Formulation of a Forest Strategy</p> <ul style="list-style-type: none"> Stipulation of large scale involvement of the local communities (IBRD, 1978). DoF retains responsibility for state forests but support community management of different types of forests: <ul style="list-style-type: none"> Panchayat Forests (PF) - plantations; Panchayat Protected Forest (PPF) - areas of natural forests; Religious forest – areas entrusted to any religious institution; Contract forest – government land devoid of trees which can be entrusted to an individual or agency for reforestation; and Private forests – privately established woodlands. Provisions for making Operating Plans for PFs and PPFs
1982 & 1984	<p>Decentralization Act (1982) and its Bye-laws (1984)</p> <ul style="list-style-type: none"> Promotion of the management of local resource through “users’ committees” rather than the existing political bodies (i.e. the Panchayats).
1987	Community Forestry Rules

¹ These working plans followed the format originally established in British India (Hobley 1996).

YEAR	FOREST RELATED POLICIES
	<ul style="list-style-type: none"> • designation of PF and PPF, management rights which could be handed over to the Panchayat • provision of “User Committees” for forest management <p>First National Community Forestry Workshop</p> <ul style="list-style-type: none"> • Recognition of the need to effectively incorporate the needs of local people in Community Forestry
1988	<p>25-year Master Plan for the Forestry Sector - a turning point in the history of forestry sector policy in Nepal</p> <ul style="list-style-type: none"> • Recognition of community and private forestry as the largest among the six primary forestry programs; • Encouragement for the transfer of forest access and management rights (i.e. tenure) to local communities; • Emphasis for the need to establish Community Forest User Groups (CFUGs) as appropriate local management bodies responsible for the protection, development, and sustainable utilisation of local forests; • Development of an operational forest management plan by communities a prerequisite to handing over forests for their use; • Emphasis for the need for retraining the entire forestry staff for their new roles as advisors and extension workers; • Recommendation for handing over all accessible forests in the hills to local communities to the extent that they were willing and able to manage them.
1988	National Conservation Strategy (NCS)
1990s	Community interest represented by the “user group” - an association of forest users related by their proximity and dependence on an areas of forest irrespective of political or administrative boundaries – the main unit of management
1991	Establishment of the Forestry Sector Co-ordination Committee (FSCC), a donor-HMG/N coordination committee.
1993	<p>Forest Act for improved implementation of the Forest Sector Master Plan:</p> <ul style="list-style-type: none"> • Categorisation of national forests into five sub-categories: community forest, leasehold forest, government-managed forest, religious forest, and protected forest. Community forestry was given the highest priority over other types of forest management. • Identification of CFUGs as a self-governed autonomous entity with authority to independently manage and use the forest according to an agreed management plan.
1993	Nepal Environment Policy and Action Plan (NEPAP)
1995	Agricultural Perspective Plan (APP)
1999	<p>Amendment to the 1993 Forest Act</p> <ul style="list-style-type: none"> • Mandatory for a CFUG to invest at least 25% of its income in the development and conservation of the community forest.
2001	<p>Policy amendments:</p> <ul style="list-style-type: none"> • Each CFUG required sharing 40% of its income generated from the sale of surplus forest products for commercial use with the national and local governments (i.e. the VDC and the DDC).
	NOTE: The government also adopted a separate policy for the <i>tarai</i> , inner- <i>tarai</i> , and <i>Churia</i> forests since 2000.

YEAR	FOREST RELATED POLICIES
2004	<p>Policy on Non-timber Forest Products (NTFPs)</p> <ul style="list-style-type: none"><li>• Private sector participation for NTFPs development<li>• Emphasis on local processing<li>• Conservation and preservation of high value herbs and NTFPs

Annex 6: Forestry Projects Supported by External Aid Agencies in Nepal

	Name of the Project	Duration	Donor(s)	Implementing Agencies
1	Reducing poverty in Nepal, through innovative and equitable carbon financing mechanism (REDD)	2009 -2012	WWF	WWF Program Office, Nepal
2	Conservation and Sustainable Use of Wetlands in Nepal (CSUWN)	2007 -2012	UNDP/IUCN/GEF	MOFSC / IUCN
3	Strengthening Conservation in Terai Arc Landscape (TAL)	2006 -2008	WWF	WWF Program Office, Nepal
4	Leasehold Forest and Livestock Development Programme (LFLDP)	2005 -2013	IFAD	Department of Forests, Ministry of Forests and Soil Conservation
5	Western Terai Landscape Complex Project (WTLCP)	2005 -2011	The government of the Netherlands	Ministry of Forests and Soil Conservation (MoFSC)
6	Nepal Swiss Community Forestry Project (NSCFP)	2004 -2008	Swiss Agency for Development and Co-operation (SDC)	Interco-operation, Bern
7	Nepal Australia Community Resource Management and Livelihood Project (NACRMLP)	2003 -2006	AUSAID Australian Government	MoFSC and URS Sustainable Development
8	Strengthened Actions for Governance in Utilization of Natural Resources (SAGUN)	2002 -2008	USAID	CARE Nepal
9	Participatory Conservation Programme (PCP)	2002 -2006	UNDP	MoFSC/ DNPWC
10	Landscape scale conservation of endangered Tiger and Rhinoceros Population (TRCP)	2001 -2006	UNFIP/TRAC/GEF	King Mahendra Trust for Nature Conservation
11	Terai Arc Landscape Programme (TAL)	2001 -2006	Various Sources through WWF Nepal	HMGN/MOFSC, DoF, DNPWC, WWF Nepal
12	Biodiversity Sector Programme for Siwaliks and Terai (BISEP-ST)	2001 -2006	The Netherlands Government	MoFSC/SNV Nepal
13	Livelihoods and Forestry Programme (LFP)	2001 -2011	DFID	LFP with MoFSC/GON and NGO partners
14	Churia Watershed Management Project	2001 -2006	Danida, CARE Nepal	DSCWM and CARE Nepal
15	Upper Mustang Biodiversity Conservation Project (UMBCP)	2000 -2006	GEF/UNDP	National Trust for Nature Conservation (NTNC)
16	Community Development and Forest/Watershed Conservation Project (CDFWCP)-Phase II	1999 -2005	JICA	DSCWM

17	Natural Resource Management Sector in Nepal (NARMSAP)	1998 -2005	Danida	HMG/MFSC
18	Environment and Forest Enterprise Activity (EFEA) project	1997 -2002	USAID	HMGN/BSP/CARE/WWF/ New ERA
19	Manaslu Conservation Area Project (MCAP)	1997	Various	National Trust for Nature Conservation (NTNC)
20	Sagarmatha Community Agro-forestry Project (SCAFP) http://www.forestrynepal.org/project/2926	1996 -2002	WWF UK	WWF Nepal
21	Nepal UK Community Forestry Project (NUKCFP)	1993 -2001	DFID	MFSC, DoF, DFID Kathmandu
22	Hills Leasehold Forestry and Forage Development Project (HLFFDP)	1993 -2003	IFAD and the Government of the Netherlands	Departments of Forest, Dept. of Livestock Services (MoAC), ADBN, and NARC
23	Churia Forest Development Project (ChFDP)	1992 -2004	GTZ/Federal Republic of Germany (BMZ)	GTZ/ MoFSC
24	Hill Community Forestry Project	1989 -1999	International Development Association/ World Bank	Department of Forest (MoFSC)
25	Annapurna Conservation Area Project (ACAP)	1986	Various	National Trust for Nature Conservation (NTNC)
26	Resource Conservation and Utilization Project (RCUP)	1979 -1984	USAID	HMG Nepal
27	Sagarnath Forestry Development Project (SFDP) http://www.forestrynepal.org/project/2910	1977 -1990	ADB	Ministry of Forests and Soil Conservation (MFSC)

Source: <http://www.forestrynepal.org/project>. (Downloaded on December 16, 2011)

Annex 7: Micro Level Data Available

CFUGs consulted (in-depth studies) during the evaluation with case studies in the report (Soussan, 1991).

Districts	CFUGs	Notes
Sankhuwasabha (3 CFUGs)	1. Sitalpati	Traditional mgmt. system functioning well; formal CFUG in name only
	2. Makar	Very small group adjoining the DHQ
Bhojpur (15 CFUGs formed, 5 under extension)	1. Bhakimle	
	2. Ahale	
	3. Odare	
	4. Mahabir	
	5. Chaitre Gope Okre	
Dhankuta (24 CFUGs, including 5 formed by PAC)	1. Sildunga	Formed early on, with high degree of extension input from KHCFP; 'model' CFUG but problematic;
	2. Mangdum Pakha	Formed later in response to local demands, primarily by the DFO staff
	3. Mangdana Kirtipur	Relatively long distance from DHQ
	4. Ramche	Formed under the 'shortened' model by PAC
Terhathum (2 CFUGs)	1. Uranthe	Deviation from the 'model' – identification of users, assessment of needs and problems, participation of women
	2. Bokre	
	3. Okhre	2 days' walk from the DHQ

NUKCFP Baseline and Follow-up Data on CFUGs

NUKCFP Baseline study conducted from data collected from 24 CFUGs in the KHs. Refer to Pandey (1995) (12d) for a list of the CFUGs. Follow-up studies on the original 24 CFUGs studied at baseline:

Bosma (1996) followed up on: (i) Janataa in Ghorlikharka VDC Dhankuta, (ii) Thulo Paakha in Yaku VDC Bhojpur, (iii) Kamere Bhogteni and (iv) Paaluwaa Pikhuwaa both in Bhojpur VDC Bhojpur, (v) Maathillo Ban in Chanuwa VDC Dhankuta, and (vi) Aitabaare Raaniban in Dhankuta VDC Dhankuta.

Shrestha and Shrestha (1998) followed up on: Bhasme, Kalika, Jyaule, Ramche Sunkhani, Ukali Apung Patal, Sabhapokhari and Andheri Bhajana Community Forest User Groups in Sankhuwasabha district. Chijebung Katuse Paireni in Isibu, Thokjung Chyantar Mansachuli in Pounthak, Bokre Danda and Karkalepani Community Forest User Groups in Terhathum districts were covered.

Shrestha (1998) followed up on 10 CFUGs: (i) Janata, (ii) Chisapani (iii) Tarebhir Banpala, (iv) Handikhark, all in Dhankuta; (v) Sere Sunkhani in Sankhuwasabha, (vi) Eimek Shilagee and (vii) Daskhate in Terhathum; (viii) Salghari (ix) Champ Gurans and (x) Batulitar in Bhojpur district.

LFP Baseline Studies – Qualitative Surveys (not dated) for the following VDCs

Sankhuwasabha District:	Dhankuta District:	Bhojpur District:	Tehrathum District:
i. Lohakot (81d)	i. Murtidhunga (82d)	i. Kot (78d)	i. Jaljale (88d)
ii. Syabun (87d)	ii. Ankhisalla (83d)	ii. Timma (attached to 78d)	ii. Dangpa (89d)
iii. Sitalpati (92d)	iii. Phaksiba (84d)	iii. Yangpang (79d)	
iv. Tamaphok (93d)	iv. Bhirgaun (85d)	iv. Dewantar (80d)	

Annex 8: Overview of the Forestry Projects/Programmes in the Koshi Hills, 1970-2010

NAME & DATES	PROJECT/PROGRAMME DETAILS
<p>The Forest Sector Programme of KHARDEP (K2)</p> <p>1980-1985</p>	<p>Coverage: Sankhuwasabha, Bhojpur, Dhankuta and Tehrathum</p> <p>Objectives: Development of forests for local communities.</p> <p>Achievements:</p> <ul style="list-style-type: none"> i. 43 nurseries (average capacity 22,000 seedlings) established ii. Almost 900 ha of Panchayat Forests planted over 130 sites iii. Enrichment work conducted on 60 ha out of 1070 ha of PPF iv. 80 ha of Government Forest established around three town Panchayats. <p>Implementation Modality:</p> <p>DF/MFSC and Tech. Coop Officers (TCOs) + consultants and VSOs</p> <p>Total Investments:</p> <p>HMGN: NRs. 350,000 (30% FD staff time in CF)</p> <p>ODA: UK £ 430,000</p>
<p>Koshi Hills Community Forestry Project of the KHDP (K3)</p> <p>Late 1987-1992</p> <p><i>(a two year delay in start up; initially planned for 3 years but extended twice)</i></p>	<p>Coverage: Sankhuwasabha, Bhojpur, Dhankuta and Tehrathum</p> <p>Objectives:</p> <p>To help the people of the KH to meet their basic needs for tree products in a sustainable manner.</p> <p>Immediate Objectives:</p> <ul style="list-style-type: none"> i. To strengthen the capacity of DFO to facilitate the handing over of forests to organized FUGs. ii. To establish effective sustainable community based forest management through user groups and to ensure that the needs of the disadvantaged are met. iii. To encourage and support private planting. iv. To increase participation in national forestry policy-making processes. v. The phased transfer of support to seedling production and plantation establishment/maintenance from HMGN to users. <p>Achievements:</p> <ul style="list-style-type: none"> i. A total of 260 CFUGs formed [SS-44, BJ-76, DH- 84, TR-56) and CF handed over to 190 CFUGs and 5,732 ha of forests under community management (average 30.2 ha) ii. Re-orientation of FD staff in the establishment of FUGs and in grounding the social context in the CFUG formation process iii. 69 nurseries established iv. 2,545 ha planted over the project period v. Technical and financial support for soil conservation work (Dhankuta) vi. 2 District Forest Offices and 8 Forestry Range Offices constructed <p>Implementation Modality:</p> <p>Project agreement with MoFSC but coordinated by a Project Management Office; no direct implementation.</p> <p>Total Investments:</p> <p>HMGN NRs. (in Lakhs): 178.15</p>

NAME & DATES	PROJECT/PROGRAMME DETAILS
	ODA UK £ ('000): 3,963.95
<p>Nepal-UK Community Forestry Project (NUKCFP)</p> <p>1993-2001</p> <p>(Originally up to 1998)</p>	<p>Coverage: 4 KH Districts and 3 in Dhaulagiri: Baglung, Parbat and Myagdi</p> <p>Objectives:</p> <ol style="list-style-type: none"> 1. To help hill communities meet their needs for tree products in a sustainable manner 2. To promote the participation of all members of the community groups in managing, and benefitting from, the common resource. <p>Achievements:</p> <ol style="list-style-type: none"> i. As of 2000, over 119,985 ha of forests under community management by 1,881 CFUGs involving 187,017 households ii. In the KH districts 87,658 ha of CF handed over to 914 CFUGs involving over 104,000 households iii. Refer to NUKCFP 2000 for details of other achievements <p>Implementation Modality: Implementation through the DFO</p> <p>Total Investments: UK £ 6.61 million over five years</p>
<p>Livelihoods and Forestry Programme (LFP)</p> <p>2001-2011</p>	<p>Coverage: 15 districts</p> <p>East, Koshi Hills: Sankhuwasabha, Bhojpur, Dhankuta and Tehrathum</p> <p>West, Dhaulagiri Hills: Baglung, Myagdi and Parbat</p> <p>Midwest Rapti Hills: Dang, Rolpa, Salyan, Rukum and Pyuthan</p> <p>Western Tarai, Lumbini Plains: Nawalparasi, Kapilbastu and Rupandehi</p> <p>Objectives: Reduce poverty and vulnerability, especially among the poor and excluded.</p> <p>Achievements (in all 15 districts):</p> <ol style="list-style-type: none"> i. 70% of households were FUG members ii. 500,000 households belong to 4,500 FUGs who manage 370,000 ha of forests iii. Focus on 53% of households who are identified as being poor and socially excluded iv. Over 4,500 FUGs generated NRs. 120 m of which 54% was from sale of forest products <p>Implementation Modality: Implementation through the DFO</p> <p>Total Investments: £ 3.82 million (NRs. 489 million) (in 7 districts between 2001-2008)</p>

Annex 9

Project/Programme Name	Pakhribas Agriculture Center
Dates	1972: Established as the Gurkha Reintegration Service (GRS) 1975: Converted to PAC 1982: Started providing agriculture and research support to KHARDEP (K2) 1983: Start of outreach on-farm research programmes in the 4 working districts 1980-1989: Integration of PAC with KHARDEP (later KHDP) 1989: Support was withdrawn from KHDP (K3) 1990: Designated by Nepal Agriculture Research Center (NARC) as its regional research center 1990: PAC relinquished extension services to DOA/HMGN and KHDP
Geographical Coverage	1975: Extension services were provided to Dhankuta, Terhathum and Taplejung 1990: 11 hill districts in Koshi, Mechi and Sagarmatha zones
Sectors Covered	Agriculture, Livestock
Project objectives	Improve standard of living of hill farmers by developing sustainable technologies Conservation of natural resources Strengthening HMGN national research efforts by integration of PAC
Target Group(s)	1972: Ex Gurkha soldiers 1975- 1990: Rural communities in Koshi Zone From 1990: Rural communities in Koshi, Mechi and Sagarmatha zones
Donor(s)	ODA
Government Partner(s)	HMGN NARC from 1990
Total Costs	DFID 1972-1975: 1975-1989: GBP 8,251,000 1990- 2001:
Status	On going
Project/Programme Name	Koshi Hills Area Development Programme
Dates	1979- 1985 1982: Mid Term Review
Geographical Coverage	4 Koshi Hill Districts (Dhankuta, Terhathum, Bhojpur & Sankhuwasabha)----- 6,400 sq km
Sectors Covered	Agriculture, Livestock, Forestry, Infrastructure, Health
Target Group(s)	Farmers
Donor(s)	ODA
Government Partner(s)	Line Ministries
Total Costs	GBP 6.732 million – LRDC (Dunsmore 1987) GBP 5.9 million (Nabarro & McConnell 1990)
Project/Programme Name	Koshi Hills Seed and Vegetable Project

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Project/Programme Name	Pakhribas Agriculture Center
Dates	1993 - 1997
Geographical Coverage	Dhankuta, Terhathum, Bhojpur, Sankhuwasabha Since 1996: Coverage extended to West Nepal (Baglung, Myagdi, Parbat and Kaski)
Sectors Covered	- Seed and Vegetable production
Project objectives	- Increase food production and income in the KH by strengthening the local seed and vegetable production, distribution and marketing system through the group approach
Target Group(s)	- Seed Producers Groups
Donor(s)	- Overseas Development Administration
Government Partner(s)	- Department of Agriculture
Total Costs	GBP 5.3 m
Project/Programme Name	Seed Sector Support Project
Dates	January 1998 – July 2000
Geographical Coverage	East Command Area (Dhankuta, Terhathum, Sankhuwasabha, Bhojpur), West Command Area (Kaski, Baglung, Parbat, Myagdi), Far-West Command Area (Dadeldhura, Achham, Doti)
Sectors Covered	- Cereal and vegetable seed production
Target Group(s)	- Seed Producers Groups
Donor(s)	- Overseas Development Administration
Government Partner(s)	- Department of Agriculture, District Agriculture Development Offices, Agriculture Inputs Corporation
Private sector Partner(s)	- Seeds Entrepreneur Association of Nepal (SEAN)
Total Costs	GBP 4.2 m
Project/Programme Name	Commercial Agriculture Development Project
Dates	August 2007 – December 2012
Geographical Coverage	- 11 districts in the Eastern Development Regions (EDR) - Only Dhankuta and Terhathum within the KH
Sectors Covered	- High value crops (HVC)
Project objectives	- Establish a network of value chains for HVCs to sustainably increase the level of commercialization of agriculture in the Eastern Development region.
Target Group(s)	- All stakeholders along the HVC value chains (Farmers, Traders, Processors)
Donor(s)	Asian Development Bank
Government Partner(s)	Department of Agriculture
Total Costs	US \$24 m Contribution: GoN (0.8m)

Annex 10

Year	Policies, Plans and Initiatives	Remark
1964	Land Act	Provision of proprietary rights on immovable property Abolishment of traditional tenure systems
1970-1985	Ten year Agricultural development Plan	Implemented during the 5th FYP Focus on increasing production to feed growing population Emphasised agricultural commodities to develop and sustain industry and trade - Pursue regional specialization based on geographical comparative advantages
1972	Plant Protection Act	Regulate the import and export of plants and seeds that carry diseases and can have adverse effects on the environment Establishment of a quarantine system
1988	Seed Act	The objective of this law is to maintain the convenience and economic interest of the general public by providing seed of high quality in a well planned manner upon producing, testing and processing to improve crop production. It also established the "National Seed Board" to formulate and implement policies relating to seed and to give the necessary advice to the Government of Nepal on the matters pertaining to the seed sector.
1990 – 2010	Master plan for horticulture development	20 year plan Meet people's nutritional needs Increase farmers income through horticultural production
1991	Nepal Agricultural Research Council Act	Main umbrella influencing agricultural research Establishment of NARC
1991	Pesticide Act	Enacted to regulate the import, export, transportation and use of pesticides and restrict the import and use of pesticides that are not listed Prohibited the import and/use of any pesticides in the country
1995	Agriculture Perspective Plan (1995-2015)	20 year plan Aimed at increasing agricultural growth from 2.5%- 5% Strategy: Tarai should focus on cereal crops, while the hills and mountains should prioritise HVCs
1997	Environment Protection Act	Emphasises the protection of the environment through the proper use and management of natural resources
1997	Fertilizer Deregulation Policy	Removable of price subsidies Removal of state monopoly and allowance of private sector to import and distribute fertilizers
1999	Local Self Governance Act	Devolved power to the local authorities
1999	National Seed Policy	Promotion of quality seeds for export varietal development and conservation, seed multiplication, quality control, promotion of the involvement of the private sector in the seed sector, supply management, strengthening of the organizations

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Year	Policies, Plans and Initiatives	Remark
		involved in the seed sector, biotechnology and other modern technology for the sustainable development of seed sector in the country
2001	National Fertilizer Policy	Provision of transport subsidies for selected rural districts Encouragement of domestic production
2003	Irrigation Policy	To provide round the year irrigation facility to the irrigation suitable land by effective utilization of the current water resources of the country. To develop institutional capability of Water Users for sustainable management of existing system. To enhance the knowledge, skill and institutional working capability of technical human resources, water users and non-governmental association / organization relating to development of irrigation sector.
2004	National Agricultural Policy	Placed commercialization, private sector-led development, and trade at the forefront of the development agenda Special incentives to be provided to socially excluded groups who own less than 1 ha of land with inadequate irrigation facilities

Annex 11: List of Major Roads under SRN, Nepal

Roads	Total length (km)	Start Date	Date of Completion	Cooperation	From	To
(i) Mahendra Rajmarg	1027.7	1967	1985	India, USSR, USA, UK	Kakarbhitta	Banbasa
(ii) Tribhuvan Rajpath	159.7	1956	1967	India, USA	Raxaul	Tripureswor
(iii) Arniko Rajmarg	113.0	1963	1972	China	Maitighar	Kodari
(iv) Prithvi Rajmarg	174.0	1967	1974	China	Naubise	Pokhara
(v) Narayanghat-Mugling	36.2	1978	1982	China	Narayanghat	Mugling
(vi) Sindhuli Rajmarg	200.9	1967	2005	India, Japan	Bardibas	Dhulikhel
(vii) Mechi Rajmarg	268.0	1973	1999	ADB, DoR	Kechna	Taplejung
(viii) Koshi Rajmarg	114.5	1976	1985	UK, DoR	Rani/Itahari	Hile
(ix) Sagarmatha Rajmarg	324.0	1990	1994	DoR	Kadmaha	Diktel
(x) Sidhartha Rajmarg	181.2	1964	1972	India	Sunauli	Pokhara
(xi) Rapti Rajmarg	168.5			DoR	Ameliya	Salyan
(xii) Ratna Rajmarg	113.1	1957	1967	DoR	Jamunia	Surkhet
(xiii) Karnali Rajmarg	232.0	1992	2002	DoR	Bangesimal	Jumla
(xiv) Mahakali Rajmarg	325.1	1967	1980	DoR, USA	Mohana	Dadeldhura
(xv) Seti Rajmarg	66.0	1990	1994	ADB		
Birtamod-Chandragadi	12.5					
Damak-Gauriganj	22.0					
Bharadaha-Rajbiraj	17.8					
Chaurhawa-Siraha	18.2					
Gorusinge-Sandikharka	69.1					
Lamahi-Tulsipur	49.0					
Kathmandu-Dhunche	118.3					
Satdobato-Tikabhairab	11.3					
Chabahil-Sanku	14.0					
Banepa-Khopasi	9.5					
Dolalghat-Chautara	25.1					
Lamosangu-Jiri	110.0	1975	1985	SDC		
Malekhu Dhading	21.0					
Ambukhaireni-Gorkha	24.6					
Dumre-Besisahar	42.0	1972	1990	DoR		
Biratnagar-Rangeli	23.9					

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Hile-Terhathum	48.0					
Pokhara-Baglung	73.0	1988	1994	China		
Bartung-Tamghas	80.2			DoR		
Lumbini-Taulihawa	24.6					
Khodpe-Bajhang	110.0					
Satbanj-Baitadi-Jhulaghat	42.0					
Silgadi-Sanfebagar	67.0	1993	1996	ADB		
Sanfebagar-Mangalsen	38.0	1998	2002	GoN/IDA		
Bardibas-Jaleswor	42.0	1998	2000	GoN/UNCD F		
Mirchaiya-Katari-Sunkoshi	72.0					
Talodungeshwor-Dailekh	28.0					
Mudhe-Khandbari	62.3					
Total	4,779.1					

Source: DoR (2010). Note: 'Rajmarg' means 'Highway' of national importance in Nepal.

Annex 12: District Road Network under DOLIDAR

Districts	No. of Roads	Black Topped	Gravel	Earthen	Total (km)
Achham	20			194	194
Arghakhanchi	10			114.25	114.25
Baglung	53	0	25	467	492
Baitadi	20	0	0	76.8	76.8
Bajhang	6				97.52
Bajura	10			25	25.3
Bake	101	47.64	313.33	136.43	497.4
Bara	6		39	41.5	80.5
Bardiya			38.32	119.35	157.67
Bhaktapur	87	165.85	68.65	13	247.5
Bhojpur	32	0	54	292.69	346.69
Chitwan	595				2249.9
Dadeldhura	20	0	0	156.22	156.22
Dailekh	29	0	0	311.15	311.15
Dang	32		136	227	363
Darchula	126			67.5	67.5
Dhading	224	18	34	1192.9	1244.9
Dhankuta	22	153	7	168	328
Dhanusa	267	24.9	180.9	955.3	1161.1
Dolakha	60		35	461	496
Dolpa	2			18	18
Doti	23	0	0	28	28
Gorkha	92	0	0	274.5	274.5
Gulmi	82				1352.48
Humla	3			102	102
Ilam	66	0	0	432.9	432.9
Jajarkot	13	0	0	0	0
Jhapa	130	73.74	717.97	171.87	963.58
Jumla	2	0	0	15.5	15.5
Kabhrepalanchok	174	11	117	1486.5	1614.5
Kailali	24		220.9	129	349.9
Kalikot	5	0	0	44.2	44.2
Kanchanpur	100		764.04	57	821.04
Kapilbastu	148	0	89.5	936.28	1025.78
Kaski	29		134	21.5	155.5
Kathmandu	268	162.15	120.47	379.95	662.57
Khotang	24	0	0	54	54
Lalitpur	120	106.42	233.47	220.07	559.96

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Lamjung	70	20.14	15.55	561.41	597.1
Mahottari	9	0	0	125.55	125.55
Makawanpur	83	38.7	173.2	425.9	637.8
Manang	16			15	15
Morang	102	22.71	257.51	953.65	1233.87
Mugu	1			1.65	1.65
Mustang	14	0	0	206	206
Myagdi	5	0	0	46.13	46.13
Nawalparasi	45	38.07	336.01	264.87	638.95
Nuwakot	60	28	56.5	893	977.5
Okhaldhunga	15	0	0	125.55	125.55
Palpa	24	7	10	190	207
Panchthar	21	0	0	236	236
Parbat	39	0.43	11.75	542.97	555.15
Parsa	159	22.15	396	617	1035.15
Pyuthan	20			110	110
Ramechhap	87	0.4	31.5	920.91	952.81
Rasuwa	16	0	0	19.4	19.4
Rautahat	67				488.3
Rolpa	3			11	11
Rukum	19	0	16	401.4	417.4
Rupandehi	322	404.64	993.72	993.72	2392.08
Salyan	8			118.5	118.5
Sankhuwasabha	26	0	0	331.43	331.43
Saptari	20	14.5	186.8	136	337.3
Sarlahi	36				27.69
Sindhuli	30	0	102	597	699
Sindhupalchok	261		15	1763.44	1778.44
Siraha	24	82.5	83.5	92.5	258.5
Solukhumbu	5	0	9.5	62	71.5
Sunsari	190	19.5	366	115	500.5
Surkhet	49	5.4	106.96	378.43	490.79
Syangja	66	40.3	38.7	921.5	1000.5
Tanahu	117	16.5	41	960	1017.5
Taplejung	26	0	26	117.86	143.86
Terhathum	25	0	11.27	163.33	174.6
Udayapur	46	22	104	379.8	505.8
Nepal	5151	1545.64	6613.02	23188.26	35667.11

Annex 13: Distribution of Trail Bridges in Nepal, 2007

District	Number	District	Number	District	Number
Baglung	457	Syangja	54	Dang	15
Gulmi	186	Bajura	52	Kailali	15
Khotang	121	Achham	50	Kalikot	15
Lamjung	119	Rasuwa	49	Dolpa	14
Dolakha	103	Baitadi	48	Udayapur	13
Ilam	81	Parbat	47	Chitwan	10
Solukhumbu	81	Rolpa	47	Morang	8
Taplejung	80	Dailekh	45	Jumla	5
Palpa	77	Kaski	45	Kanchanpur	3
Ramechhap	77	Pyuthan	44	Rupandehi	3
Sankhuwasabha	76	Jajarkot	41	Banke	2
Sindhupalchok	76	Dadeldhura	38	Bardiya	1
Bajhang	75	Rukum	35	Kapilbastu	1
Gorkha	75	Sindhuli	33	Kathmandu	1
Bhojpur	74	Surkhet	32	Mahottari	1
Okhaldhunga	73	Manang	28	Bara	0
Dhading	69	Arghakhanchi	26	Bhaktapur	0
Darchula	68	Mustang	26	Dhanusa	0
Myagdi	65	Humla	24	Jhapa	0
Panchthar	62	Lalitpur	24	Parsa	0
Kavrepalanchok	61	Dhankuta	21	Rautahat	0
Terhathum	60	Nawalparasi	21	Saptari	0
Doti	59	Salyan	21	Sarlahi	0
Nuwakot	58	Mugu	18	Siraha	0
Tanahu	55	Makwanpur	16	Sunsari	0
Total					3380

Source: Tuladhar (2007).

Bold districts come under the Koshi Hills and the districts under consideration for study.

Annex 14: Overview of Health and Population Policies and Major National Initiatives²

DATE	POLICIES/INITIATIVES
1956-61	<i>First Five Year Plan:</i> ~ Focus on redistribution of population from the hills to the Tarai
1959	Establishment of Family Planning Association of Nepal (FPAN)
1962-65	<i>Second Five Year Plan:</i> ~ Continued focus on population control and on family planning.
1965-70	<i>Third Five Year Plan:</i> ~ Separate chapter on 'Population and Manpower' – family planning becomes an integral part of the population policy.
1974	<i>Task Force on Population Policy</i> ~ constituted by the NPC based on the need for a explicit population policy.
1975	<i>First Long Term Health Plan (1975-90)</i> covering 5 th , 6 th and 7 th Plan periods. Provision of comprehensive basic health services.
1983	<i>National Population Strategy</i> ~ a milestone in population policy in Nepal.
1988/89	Initiation of the Female Community Health Volunteer (FCHV) programme
1991	<i>National Health Policy (NHP)</i> ~ In line with the WHO's Alma Ata Conference Campaign - 'Health for All by 2000'. Provision of basic primary health services: Zonal district hospitals, Primary Health Care Centre (PHCC), Health Posts (HP), Sub-Health Posts (SHP); ~ Decentralization and regionalization of health services; ~ Promoting private sector/ NGO participation in health services.
1994	Adaptation of the NHP 1991 to recognize the reproductive and sexual health rights of women, adolescents and youth, following the 1994 International Conference on Population and Development in Cairo.
1995	<i>National Drug Policy</i>
1997	<i>Second Long Term Health Plan (SLTHP) (1997-2017)</i> ~ Emphasis on target based approach - health services to the most vulnerable, women, children, rural population, marginalized. ~ Implementation based on a sectorwide approach where donors contribute to a basket fund which is apportioned by thematic areas.
1998	<i>National Reproductive Health Strategy</i> ~ Focus on integrated reproductive health services comprising FP, Safe Motherhood, Child Health (New Born Care), Prevention and Management of Complications of Abortion, RTI/STD/HIV/AIDS, Prevention and Management of Sub-Fertility, Adolescent Reproductive Health, and Problems of Elderly Women. ~ Integrated package to be delivered through the Primary Health Care System
2000	<i>National Adolescent Health and Development Strategy (2000-2017)</i> ~ Guides the priorities in adolescent health services nationwide.
2001	<i>National Drug Financing Policy</i>
2002	<i>Decentralization of health services</i>

² Sources: www.moHP.gov.np and other documents.

DATE	POLICIES/INITIATIVES
	~ In line with the LSGA 1999 (Tenth Plan 2002-2007)
2002	<i>Nepal Safe Motherhood Plan (2002-17)</i> ~ Reducing maternal and neonatal mortality and morbidity by strengthening maternal care services at all levels.
2002	<i>National HIV/AIDS Strategy (2002-06).</i> ~ Guides district level HIV/AIDS programmes.
2002	<i>National Safe Abortion Policy</i> ~ Legalized abortion under safe conditions.
2003	<i>Strategic Plan for Human Resources for Health</i>
2004	<i>Nepal Health Sector Strategy - An Agenda for Reform.</i> ~ Priority for essential health care services, health facility management by local bodies, private sector partnership; ~ Work towards the Millennium Development Goals.
2004/05	<i>Nepal Health Sector Programme – Implementation Plan (NHSP-IP).</i> ~ Five year operational guideline for the Nepal Health Sector Strategy. NHSP I (2004/05-2008/09) ~ Implementation of the sector wide approach
2007-2010	<i>Three-year Interim Health Plan</i> ~ Universal free essential health services at the health /sub-health post levels; ~ Targeted free health care in Primary Health Centres and District Hospitals.
2007	<i>Ten Point Policy Guideline</i> to direct the activities and conduct of MoHP ~ Focus on socially and economically marginalized groups of people
2008	Free emergency and inpatient services in district hospitals and PHCCs, including delivery.
2009	Free maternity care - ' <i>Ama Surakshya Karyakram</i> ' - instituted nationwide.
2010	<i>Nepal Health Sector Programme II (NHSP II) (2010-2015).</i> ~ Has implications for strengthening district level health services
2011	<i>Child Friendly Local Governance (CFLG) National Strategy</i>

Annex 15: Overview of the Health Projects/Programmes in the Koshi Hills, 1970-2010

Koshi Hills Area Rural Development Programme (KHARDEP)

Project/Programme Name	Koshi Hills Area Rural Development Programme (KHARDEP) (a component of K2)
Dates	1980-1985
Geographical Coverage	Sankhuwasabha, Bhojpur, Dhankuta and Tehrathum
Sectors Covered	13 Sectoral projects including Health Sector Programme focusing on infrastructure development
Donor(s)	Overseas Development Administration (ODA), UK Government
Government Partner(s)	Department of Forestry, District Forest Offices of the 4 KH districts
Total Costs	UK£

Safe Motherhood Innovation Project (SMIP)

Project/Programme Name	Safe Motherhood Innovation Project (SMIP)
Dates	2004-2007
Geographical Coverage	Dhankuta, Terhathum, Sankhuwasabha, Taplejung, Khotang, and Illam
Sectors Covered	Reproductive Health
Target Group(s)	~ 268,684 women of child bearing age, girls or women outside of this age group who have needs ~ 5,676 health staff ~ Over 960,000 indirect beneficiaries
Donor(s)	European Union (EU) through ADRA Germany
Partner(s)	Implemented by ADRA Nepal and BNMT in partnership with the Ministry of Health/GON, CBOs in the implementing districts, ADRA Germany and ADRA New Zealand.
Total Costs ³	NRs. 1,33,58,340 or € 148,426

Rights-Based Approach to Health

Project/Programme Name	<i>"Translating human rights into health realities in Nepal: exploring rights-based approach to health in the eastern development region".</i>
Dates	2005-2007
Geographical Coverage	Morang, Dhankuta, Khotang and Sankhuwasabha
Sectors Covered	Health as a basic right
Target Group(s)	Over 145,000 women, children, Dalits and members of minority groups in 55 clusters in the four districts (14 each in SS & DH).
Donor(s)	Inter-Church Organization for Development Coordination (ICCO)
Government Partner(s)	
Total Costs ⁴	NRs. 1,33,58,340 or € 148,426

National TB Programme in the Eastern Region

³ BNMT (2007).

⁴ BNMT (2007).

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Project/Programme Name	National TB Programme in the Eastern Region
Dates	2003 - 2006
Geographical Coverage	Sankhuwasabha, Bhojpur, Dhankuta and Tehrathum
Sectors Covered	TB prevention and treatment
Target Group(s)	
Donor(s)	Global Fund
Government Partner(s)	National Tuberculosis Centre (NTC)
Total Costs	UK£

Annex 16: Overview of Education Policies and Major National Initiatives (Pande (2004) and other documents)

DATE	POLICIES/INITIATIVES
1853	Durbar School in Kathmandu established by the Ranas with enrolment for the elite only
1918	Establishment of the first College – Tri Chandra College – in Kathmandu for limited enrolment
1951	Establishment of Ministry of Education
1952	National Board of Education <ul style="list-style-type: none"> to formulate an education plan that offered formal and non-formal primary school opportunities
1956	First Five Year Plan (1956-1961) proposed free and compulsory education by 1985.
1959	Establishment of Nepal's first university – Tribhuvan University
1961	Second Plan (1962 – 1965): Free and compulsory primary education for all
1971	National Education System Plan (NESP) and Education Act of 1971 <ul style="list-style-type: none"> Creation of loyal citizens and national development identified as the two objectives of education. Nationalised educational institutions, sought to bring all education systems prevalent in the country to one national education system. All schools were brought under the government
1976	Fifth Plan (1976-1980): Appointment of female teachers in primary schools to increase enrolment of girls and establishment of School Management Committees (SMC)
1978	Functional Literacy Programme introduced by the Ministry of Education and Culture
1981	<ul style="list-style-type: none"> Allowed private sector initiatives in school education <i>Chelibeti</i> Program: A literacy program for girls launched as part of the Seti Education for Rural Development Project
1984	Primary Education Project (PEP): Loan assistance from the WB
1986	Seventh Plan (1986 - 1990) <ul style="list-style-type: none"> Emphasis on increasing female literacy through primary and adult education Scholarships and hostel facilities for girls in rural areas Free textbooks up to 5th grade from girls
1990	Declaration of 'Education for All' EFA (2004-2009): To attain the following EFA objectives within the EFA 2015 Framework. <ul style="list-style-type: none"> Ensuring Equal Access and Equity in Primary Education Enhancing quality and relevance of Primary Education Improving efficiency and institutional capacity
1991	Basic and Primary Education Master Plan (1991 - 2001)
1992	Basic and Primary Education Programme (BPEP-I) (1992 - 1998) <ul style="list-style-type: none"> Focused on improving the accessibility and institutional management capacity of primary schools in 40 districts in Phase I. Funded by multiple donors including UNICEF and DANIDA.
1997	Master Plan for Basic and Primary Education (1997-2002)

DATE	POLICIES/INITIATIVES
1999	<ul style="list-style-type: none"> • Establishment of the Department of Education • District Education Plan for each district • Basic and Primary Education Programme (BPEP-II) (1999-2004) • Coverage: all 75 districts • Decentralization in the management of schools/ education following the Local Self Governance Act
2002	Amendment to Education Act and Regulations
2004	Education for All (2004-2009) and Education for All National Action Plan 2001-15. Provide quality basic education to all children youth and adults.
2009/10	School Sector Reform Project (SSRP) (2009-2015) Continuation of earlier efforts at increasing access and equity, improving quality and relevance, strengthening institutional capacity of the system. Decentralized school management. 15 key school sector reform indicators established.

Annex 17: List of NGOs in Koshi Hill Districts (as of 2011)

BHOJPUR

1. Bal Tatha Nari Janajagriti Kendra
2. Barbot Samajik Sanstha
3. Gaiyadevi Samudayik Bikas Samiti
4. Golme Paropakar Samuha
5. Gramin Bikaska Lagi Miteri Nepal
6. Hehald Nepal
7. Hekuwa Kharka Samaj Sewa Samiti
8. Janchetana Abhiyan Nepal
9. Mahila Jagaran tatha Bikas Sanstha
10. Makalu Samudayik Bikas Samiti
11. Sagarmatha Bikas Sanstha
12. Samajik Sachetana Manch
13. Samuhik Abhiyan
14. Sayapatri Samaj Sewa Samiti
15. Seta Guras Bal tatha Samudayik Bikas Sanstha
16. Shrijanshil Gramin Samaj Sewa Samiti

DHANKUTA

1. Aakash Danda bazaar
2. Aathpariya Kirat Rai Samaj
3. Anusandhan tatha Bikas Nepal
4. Apanga Sewa Sangh
5. Best Nepal
6. Chaubise Samudayik Suchana Kendra
7. Develop Nepal
8. Dynamic Prathisthan Nepal
9. Madhuganga Samaj Sewa Sangh
10. Manabadhikar Samajik Sachetan ra Bikas Kendra (Hurdec Nepal)
11. PARDP Nepal
12. Patron Nepal
13. Rara Samaj Sewa Sangh
14. Samaj Kalyan Sewa Kendra
15. Samajik Pariwartan Abam Addhyan Kendra Nepal (SCARC Nepal)
16. Samudayik Bikas ra Paribartan Kendra, Nepal
17. Samudayik Bikaska lagi Sanchar

18. Samudayik Sachetana ra Bikashko lagi Mahila Sanchar Samuha
19. Samudayik Swasthiya Sudhar Kendra
20. Seto Guras Bal Bikas Sewa
21. Shailung Samudayik Sanchar
22. Shrijanshil Chelibeti Samuha
23. Solve Nepal
24. Sthaniya Bikas Sewa Sangh (Worlds)

SANKHUWASABHA

1. Bahumukhi Samaj Sudhar Sanstha
2. Dalit Digo Bikas Sanstha
3. Dharma Devi Samaj Sudhar Club
4. Ekal Mahila Samuha, Nepal
5. Gramin Bikas Kendra
6. Gramin Mahila Swabalamban Samuha
7. Gramin Purwadhar Bikas Sanstha
8. Hangthum club
9. Hedangangadi Hastakala Bikas Kendra
10. Jagriti Samaj Nepal
11. Janajagaran Samaj Sudhar club
12. Mahila Samaj Kalyan Samiti
13. Makalu Trisakti Sahitya Samuha
14. Manabadhikar, Watabaran tatha Janajagaran
15. Nawajagaran Samudayik Bikas Kendra
16. Samaj Bikas Kendra (SODEC)
17. Samajik Sachetana Kendra
18. Samajik Watabaraniya tatha Shikshya Bikas Sanstha
19. Samudayik Bikas Manch
20. Sankhuwasabha Apanga Manch
21. Shilichong club Samaj Bikas Kendra
22. Shrijanshil Samudayik Bikas Kendra
23. Shrot Parichalan tatha Bikas Kendra
24. The East Foundation
25. Vanjyang Samajik Jagaran Sanstha

TERHATHUM

1. Aadarsa Yuva Sangam Club
2. Aadharvut Gramin Sewa Kendra

3. Aathrai Yuva club
4. Aaupacharik Samaj Bikas
5. Basista Bansha Uddar Sanstha
6. Chautari Yuva Club
7. Chhathar Samaj Sewa
8. Chiraito Samrakshyan Tatha Bikas Sanstha
9. Dalit Sachetana Samaj
10. Danfe Sadan Samaj Sewa Club
11. Deurali Society
12. Dhruvataru Yuva club
13. Dhruvataru Yuva club
14. Five Star Yuva Club
15. Gaukhuri Aama Samuha
16. Gramin Bikas Abhiyan
17. Gramin Bikas Swabalamban Samaj
18. Gramin Samaj Bikas Kendra
19. Hetrung Jharana Ekata Yuva Club
20. Janakalyan Samaj
21. Laligurans Sanskritik Pariwar
22. Lekali Bahu uddhysya Mahila Samuha
23. Lekali Bahu uddhysya Mahila Samuha
24. Mahila Sachetanshil Samaj Sewa
25. Mahila Sasaktikaran Abhiyan
26. Mahila Uthan Praran Kendra
27. Mahila Uthan Prerana Kendra
28. Manav Adhikar Tatha Anusandhan Kendra
29. Mechheyayam Jadibuti Samrakshyan tatha Prabardan
30. Myanglung Sewa Samiti
31. Nagarik Sajhedari Samaj
32. Nagdaha Janakalyan Sewa Samiti
33. Nari Bikas Samaj
34. Nava Jyoti Yuva Club
35. Nepal Mahila Uddhami Sangh
36. Oli Bikas Samiti
37. Pathibhara Mahila Samuha
38. Pathibhara Yuva Club
39. Pokhari Ekikrit Samaj Sewa
40. Rastriya Laligurans Samrakshyan Bebasthan Samiti
41. Ratnadevi Samudayik Parichalan Kendra
42. Sagarmatha Yuva Club
43. Samaj Bikas Kendra
44. Samaj Bikas Kendra
45. Samajik Sachetan Watabaran Bikas Kendra
46. Samfurjung Association Nepal
47. Samjhana Yuva Samaj
48. Samudayik Ban, Banyajantu tatha Watabaran
49. Samudayik Bikas Samaj
50. Samudayik Bikas Samaj
51. Samudayik Chetana Bikas Samaj Nepal
52. Samudayik Chetana Kendra
53. Samudayik Chetana Kendra
54. Samudayik Krishi Sewa Tatha Watabaran Samrakshyan Kendra
55. Sayapatri Yuva Club
56. Shikshya Khelkud Swastha Tatha Bikas
57. Shri Aadarsha Yuva Club
58. Shri Chiling Bahumukhi Mahila
59. Shri Manakamana Samudayik Bikas Sanstha
60. Shri Saman Pahuch
61. Shri Sangam Nava Sanskritik Club
62. Shrijana Sangam
63. Shrijanshil Gramin Mahila Samuha
64. Singhadevi Bahu udhaysya Bikas Kendra
65. Star Youth Club
66. Sur Ganga Gramin Mahila
67. Vagwati Mahila Bikas Kendra
68. Watabaran Tatha Sanskriti Sangathan
69. Yishibu Maiti Yuva Club

Annex 18: An Overview of Selected NGOs Working in the Koshi Hills

1. RURAL RECONSTRUCTION NEPAL (RRN)

Name of the Programs/Projects	Geographical Coverage	Years
Integrated VDC Development Programme	Sankhuwasabha	1993 - 96
Community Drinking Water Programme	Sankhuwasabha	1996 - 97
Integrated Rural Development Program	Sankhuwasabha	1995 - 99
Drinking Water Support Programme	Sankhuwasabha	2000 - 02
Meena Sanchar Abhiyan	Sankhuwasabha	2000 - 01
Social Mobilisation Program	Bhojpur	2000 - 02
Rural Water Supply & Sanitation Programme	Sankhuwasabha: Khandbari Municipality, Ward No. 2, 5, 9	2001 - 04
Rural Development Programme	Bhojpur: Boya, Chaukidanda, Deurali, Dobhane, Helaucha, Khartmachha, Khatamma, Kimalung, Kulung, Kurenipani, Mulpani, Nepaldanda, Sangpang, and Tingechha	2000 - 04
Improving Access of Conflict Affected People to Health facilities	Sankhuwasabha	2003 - 04
Life and Livelihood Project for helpless and Vulnerable Children	Sankhuwasabha, Bhojpur	2005 - 07
Rural Community Infrastructure and Livelihood Support Program	Sankhuwasabha, Bhojpur	2003 - 08
Rural Water Supply and Sanitation program	Sankhuwasabha	2002 - 08
Education for All : School Physical Infrastructure Improvement Project	Sankhuwasabha, Bhojpur and other	2007 - 08
Rural Water Supply and Sanitation Program (Second Phase)	Sankhuwasabha, Khandbari Municipality	2004 - 05
Rural Programme Nepal	Bhojpur	2000 - 07
Support for the Children Associated with Armed Forces and Armed Groups	Sankhuwasabha and Bhojpur	2007 - 10
Peace Building from Below	Sankhuwasabha and Bhojpur	2008 - 12
Enhancing Short term/Medium Term Food Security and Agricultural Production Capacities among rural poor households in remote hills of Nepal	Sankhuwasabha, Bhojpur and others	2010 - 12
Community Initiative Infrastructure and Livelihood Support Project	Sankhuwasabha	2009 - 11
Rural Water Supply & Sanitation Programme	Sankhuwasabha and Bhojpur	2008 - 10
Community Support Programme/Rural Community Infrastructure and Livelihood Support Program	Sankhuwasabha, Bhojpur & others	2003 - 12
Rural Water Supply & Sanitation Programme	Sankhuwasabha, Bhojpur	2008 - 12

An Overview of the Sustainable Rural Livelihood Program, RRN

Project/Programme	Sustainable Rural Livelihood Program
Dates	January 1, 2007- March, 2010
Geographical Coverage	Sankhuwasabha (9 VDCs): Barhabise, Dhupu, Jaljale, Matsyapokhari, Num, Sitalpati, Syabun, and Wana
Sectors Covered	<ul style="list-style-type: none"> • Awareness, Education and Skill Building • Income Generation • Household and Environmental Sanitation • Infrastructure Support • Institutionalisation of Self-help Groups
Project Objectives	<ul style="list-style-type: none"> • Poverty reduction • Improve quality of life of socially excluded and marginalised people
Target Group(s)	11000 men and women (between age 25-45)
Donor(s)	Horizon 3000T, European Commission, Australian Catholic Women's Movement (KFB) and Austrian Government
Government Partner(s)	No government partner
Implementing Agency	Rural Reconstruction Nepal (RRN)
Total Costs	NA
Status	Completed
Outputs	<ul style="list-style-type: none"> • Non-formal education to 3747 • 412 scholarships to conflict affected children • 3169 families benefited from infrastructure development • 923 farmers trained etc.

2. SOLVE NEPAL

Established Date	26 October, 1989
Working Sectors	<ul style="list-style-type: none"> • Agriculture and Irrigation • Rural water supply • Health and nutrition • Sanitation and environment • Community literacy, child education and right • Microfinance and employment • Advocacy and governance
Working location	<ul style="list-style-type: none"> • Microfinance (Dhankuta) • Community Forestry (in all Koshi hills districts) • Conflict Affected Children (Dhankuta) • Constitution and Federalism (In all three except Sankhuwasabha) • Health (Dhankuta, Terhathum, Sankhuwasabha, Ilam) • Local Governance and Decentralization (Dhankuta) • Educational Development (Dhankuta)

	<ul style="list-style-type: none"> • Environment Management and Climate Change (Dhankuta) • Peace Building & conflict Management (not mention of district)
Date of the projects	Not found
Budget	Not found
Publications/Reports	Only annual reports would be useful to us
Outcome	Not found yet

3. SAMUHIK ABHIYAN

Established Date	1992
Working Sectors	<ul style="list-style-type: none"> • Empowerment of civil society organizations • Volunteer Management • Community mobilizations • Trainings/ expert services • Training Need assessment • Research/impact assessment/ study • Capacity building of youth
Programme and Location	<p><i>Social Mobilization</i></p> <ul style="list-style-type: none"> • Location: Western Bhojpur • Objectives: Organise, strengthen self help groups, help them evaluate development activities in sustainable manner • Date: April 2000-present <p>Outcomes:</p> <ul style="list-style-type: none"> • 40 self help groups (1200 people involved) • Groups are involved in saving and credit activities as well as kitchen gardening, micro enterprise, goat keeping • Groups have learnt to establish linkage with several in line agencies and local government
Donor	RDP/GTZ

4. NAMSALING NEPAL

Established Date	26 October, 1989
Working Sectors	<ul style="list-style-type: none"> • Information and Communication • Sustainable Agriculture • Health, Sanitation and Waste Management • Renewable energy and Natural Resource Management • Good Governance and Decentralization • Organization Strengthening • Human Resource Development
Projects	<p>Regional Renewable Energy Centre</p> <ul style="list-style-type: none"> • Micro hydropower

	<ul style="list-style-type: none"> • Biomass energy technology promotion • Date : 01 Jan, 2001-31Dec 2012 • Donor : AEPC/ ESAP • District covered : All 4 Koshi Hill districts
Other Projects	<ul style="list-style-type: none"> • There should be more projects than the ones listed in the website. Further enquiry essential
Budget	Not found
Publications/ Reports	Only annual reports would be useful
Outcomes	<ul style="list-style-type: none"> • 11,493 improved cooking stoves installed in all Koshi hill districts • Outcome of other programs and project yet to be found

5. SOCIETY FOR SELF HELP DEVELOPMENT (SCD)

Established Date	August, 1991
Working Sectors	<ul style="list-style-type: none"> • Microfinance • Community Mobilization • Women Empowerment • Health and Sanitation
Projects and Location	<p>Community Development Programme</p> <p>District covered: Sankhuwasabha</p> <ul style="list-style-type: none"> • Date: 2000 - 2003 • Outcome: Not known yet • Donor: GTZ <p>Biomass Service Programme</p> <p>District covered : 4KHD</p> <p>Objectives</p> <ul style="list-style-type: none"> • Disseminating biomass energy technologies • improved cooking stoves, metal stoves <p>Outcomes:</p> <ul style="list-style-type: none"> • 1895 improved cooking stoves (Dhankuta-669, Shankhuwasabha-374, Tehrathum-547, and Bhojpur-305) <p>Date of operation: July 2008 - September 2009</p> <ul style="list-style-type: none"> • The project was handed over to 6 local organizations in 2009 <p>Donor/Partners: AEPC/ESAP with 6 local partnering organization</p>
Budget	Not available
Publications/Reports	There are annual reports; more information is requested with CSD
Name of organization	Centre for Self Help Development

6. THE EAST FOUNDATION

Established Date	2054 BS (1997)
Geographical Coverage	Sankhuwasabha District (VDCs: Bala, Barhabise, Chepuwa, Hariya, Matewa, Pathivara, Pawakhola, Sisuwa Khola, Yafu)

Working Sectors	<ul style="list-style-type: none"> • Natural Resource • Culture • Social Mobilisation • Gender equity and development • Savings, Credit and Co-operative
Outcomes	<ul style="list-style-type: none"> • Conducted 4 months training on sewing • microcredit • All other skill building training

7. GRAMIN SAMUDAYIK BIKAS SAMITI

Established Date	2056 BS (1999)
Geographical Coverage	Sankhuwasabha district (Sittalpati VDCs, ward no: 2,3,5,9)
Working Sectors	<ul style="list-style-type: none"> • Awareness
Outcomes	<ul style="list-style-type: none"> • Adult literacy classes conducted • street drama for creating awareness • Seminars and conference organised • Group formed

8. MAITI NEPAL SAMPARKA KARYALAYA BHOJPUR

Established Date	July 2004
Geographical Coverage	Bhojpur district (VDCs: Annapurna, Balankha, Bhojpur, Hasanpur, Jarayotar, Kurenipani, Kot, Nepale danda, Ranibas, Taksar, Timma, Wastim)
Working Sectors	<ul style="list-style-type: none"> • Trafficking of women and children • Prevention and awareness programs on trafficking & HIV/AIDS • Rehabilitation
Outcomes	<ul style="list-style-type: none"> • Conducted 4 months training on sewing • microcredit • All other skill building training

9. GRAMIN BIKAS MAHILA SAMUHA

Established Date	2050 BS (1993)
Geographical Coverage	Dhankuta Municipality, Ward No. 6 and Jitpur VDC
Working Sectors	<ul style="list-style-type: none"> • Skill Development • Microfinance
Outcomes	<ul style="list-style-type: none"> • Conducted 4 months training on sewing • Microcredit • All other skill building training

10. 33 ESIBU MAITI CLUB

Established Date	2049 B.S (1992)
Geographical Coverage	Tehrathum districts: all VDCs

Working Sectors	<ul style="list-style-type: none">• Income generation• Education• Development• Construction• Awareness and Empowerment
Outcomes	<ul style="list-style-type: none">• Repaired 800 m road• Construction of wooden bridge• Organised cultural programmes• Construction of playground for school

Annex 19: Foreign Aid - Investment by Donor Agencies in the Koshi Hills

Programme/Project ¹	Investment estimates, assumptions & sources	Period Fiscal Year	Actual Investment Commitments				Deflat or Index ³	Total Investments (2008 Values) GBP	
			UK/DFID	Other Donors		Total			
			GBP	USD	\$/GBP ²	GBP			GBP
AGRICULTURE & RURAL DEVELOPMENT									
1 Pakhribas Gurkha Re-integration Service (GRS)*	No data, estimate	1968-73	800,000				800,000	10.40	8,320,000
2 Pakhribas Agricultural Centre (PAC)*	No data, estimate	1973-85	7,500,000				7,500,000	6.64	49,800,000
	DFID/ODI website	1986-97	11,849,910				11,849,910	1.54	18,248,861
3 Pakhribas Agricultural Research Station (under HARP)*	40% budget to PAC	1997-2001	4,664,400				4,664,400	1.24	5,783,856
4 Koshi Hills Area Development Programme: K1	Estimate DFID	1976-79	100,000				100,000	4.19	419,000
5 KHARDEP (K2)	DFID/ODI website	1979-86	5,900,000				5,900,000	2.43	14,337,000
6 Vegetable Marketing Project (CEAPRED), (DANIDA)	R Gupta	1992-94		99,000	1.10	90,000	90,000	1.44	129,600
7 Koshi Hills Development Programme (K3)	DFID/ODI website	1987-92	10,500,000				10,500,000	1.76	18,480,000
8 Koseveg Project*	33% KH in later period	1994-97	535,605				535,605	1.38	739,135
9 Seed Sector Support Project (SSSP)*	50% Yr 1-3, 10% Yr 4-6	1997-2004	975,010				975,010	1.23	1,199,262
10 Nepal-UK Community Forestry Project (NUKCFP)*	40% KH	1994-2000	3,771,429				3,771,429	1.30	4,902,857
11 Livelihoods & Forestry Programme (LFP)*	LFP estimate for KH	2001-2009	3,400,646				3,400,646	1.08	3,672,698

Research into the Long Term Impact of Development Interventions in the Koshi Hills of Nepal

Programme/Project ¹	Investment estimates, assumptions & sources	Period Fiscal Year	Actual Investment Commitments					Deflat or Index ³	Total Investmen ts (2008 Values) GBP
			UK/ DFID	Other Donors			Total		
			GBP	USD	\$/GBP ²	GBP	GBP		
12 High Value Crops Project (SNV)*	SNV, KH share estimate	2009-12		125,000	1.85	231,250	231,250	1.00	231,250
13 Commercial Agriculture Development Project (CADP)* (ADB)	20% KH, 3/6 yrs completion	2008-2013		2,180,000	1.50	3,270,000	3,270,000	1.00	3,270,000
ROADS									
1 Dharan-Dhankuta Road	Estimated DFID	1972-77	250,000				250,000	7.80	1,950,000
	DDRP website	1979-83	15,400,000				15,400,000	2.75	42,350,000
2 Dharan-Dhankuta Maintenance*	DDRP website	1983-89	2,000,000				2,000,000	2.12	4,240,000
3 Eastern Region Road Maintenance (EROM 1 & 2)*	DFID; 40% KH	1990-2002	3,720,000				3,720,000	1.33	4,947,600
4 Rural Access Project (RAP 1)*	RAP budget, 50% TA	2004-08	12,397,031				12,397,031	1.05	13,016,883
5 Rural Access Project (RAP 2)*	RAP2, KH to 31.3.10	2009-12	2,359,000				2,359,000	1.00	2,359,000
6 Rural Infrastructure Project (RIP)* (ADB/World Bank)	Estimate DFID	1998-2003		1,000,000			1,000,000	1.23	1,230,000
7 Basantapur-Khandbari Feeder Road (ADB – loan)	DoR website	2003-06		4,650,000			4,650,000	1.08	5,022,000
8 Basantapur-Terhathum-Athrai Feeder Road (World Bank)	DoR website	2003-06		23,250,000			23,250,000	1.10	25,575,000
9 Hile-Basantapur-Khandbari Feeder Road Upgrade (Road maintenance and Dev Project - RNDP) (World Bank)	DoR website	2007-09	1,395,000				1,395,000	1.00	1,395,000
HEALTH									

Research into the Long Term Impact of Development Interventions in the Koshi Hills of Nepal

Programme/Project ¹	Investment estimates, assumptions & sources	Period Fiscal Year	Actual Investment Commitments					Deflat or Index ³	Total Investmen ts (2008 Values) GBP
			UK/ DFID	Other Donors			Total		
			GBP	USD	\$/GBP ²	GBP	GBP		
1 Terhathum Hospital (NL)	No data; estimate	1983-84		250,000	1.52	164,474	164,474	2.43	399,671
2 TB, Leprosy, Community Health & Safe Motherhood (BNMT)*	BNMT estimates	1968-2010	2,100,000				2,100,000	1.89	3,969,000
3 TB, HIV & Malaria Programme, Global Fund (BNMT)* (UNDP GEF)	BNMT estimates	2004-10		250,000	2.00	125,000	125,000	1.02	127,500
4 Child & Maternal Health (SCF-UK)	No data; estimate	1980-88		250,000	1.34	186,567	186,567	2.32	432,836
5 Drinking Water Supply Project (UNICEF)	No data; estimate	1972-79		50,000	2.22	22,523	22,523	6.14	138,288
6 Community Aid: Gurkha Welfare Trust (GWS)*	GWS KH share estimate	1969-2010	450,000				450,000	1.89	850,500
7 Rural Water Supplies Projects I, II & III (GWS)*	GWS figure for KH	1989-2012	744,384				744,384	1.24	923,036
8 National TB Programme (BNMT)*	20% of Eastern Region budget	2003-06	168,000				168,000	1.08	181,440
NATIONAL PARK									
1 Makalu-Barun National Park (UNDP and TMI)	TMI estimate	1986-90		259,615	0.90	289,000	289,000	1.89	546,210
Park Development	TMI	1994-97		2,500,000	1.20	2,080,000	2,080,000	1.33	2,766,400
	TMI	2000-05		100,000	1.55	64,700	64,700	1.13	73,111
2 Community Support	TMI	1992-2003		5,000,000	1.24	4,030,000	4,030,000	1.30	5,239,000
3 Buffer Zone Development Project	Austrian through Eco Himal	2003-2009							
	SDC	2009-2011		(Rs. 41,575,572)					
Totals			90,180,415	39,963,615		10,553,513	129,633,928		247,265,994

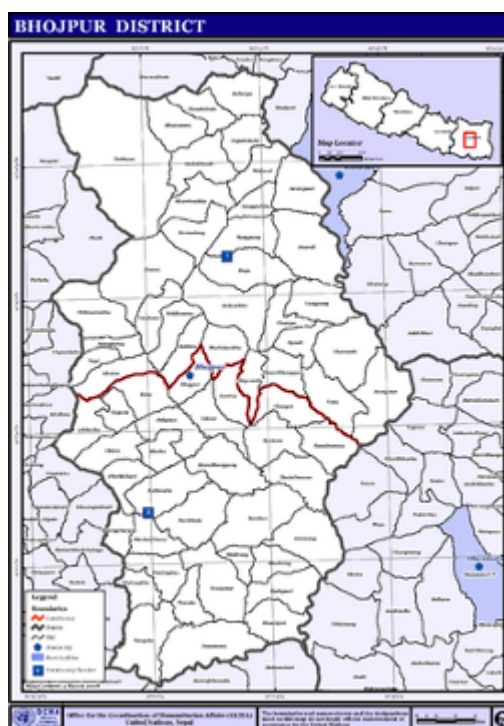
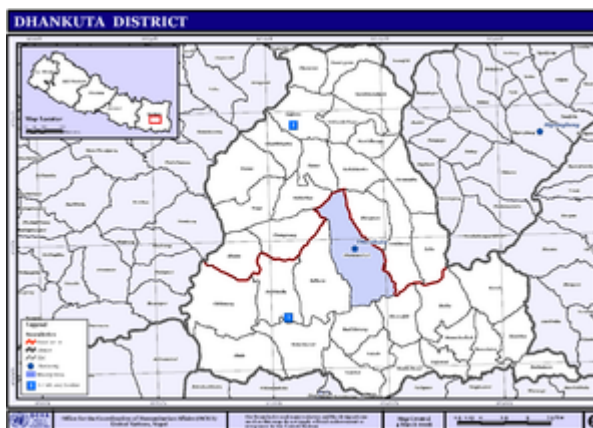
Annex 20: The Koshi Hills: VDCs and Municipalities

Dhankuta District covers an area of 891km² and has a population (2001) of 166,479. Dhankuta town (bazaar) is the district headquarters and a major administrative centre for the Eastern region as a whole. The district comprises 35 VDCs and Dhankuta is the only Municipality.

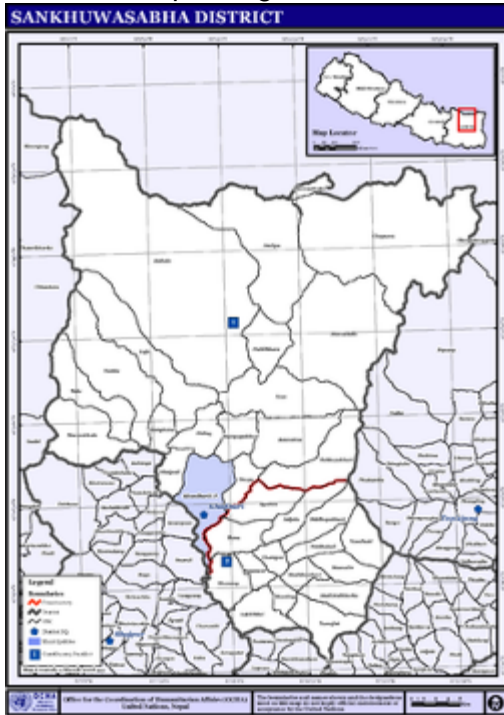
The VDCs are: Ahale, Ankhisalla, Arkhaule Jitpur, Basantatar, Belhara, Bhiringaun, Bodhe, Budhabare, Budi Morang, Chanuwa, Chhintang, Chungmang, Danda Bazaar, Dandagaun, Dhankuta, Faksib, Falate, Ghortikharka, Hattikharka, Jitpur Arkhaule, Khoku, Khuwafok, Kuruletenupa, Leguwa, Mahabharat, Marek Katahare, Maunabudhuk, Mudebas, Muga, Murtidhunga, Pakhribas, Parewadin, Raja Rani, Sanne, Tankhuwa, Telia and Bhedetar.

Bhojpur District, with Bhojpur Bazaar as its district headquarters, covers an area of 1,507km² and has a population (2001) of 203,018. Traditionally, the inhabitants of this area have been the indigenous Rai ethnic group; the Newar ethnic group being the main people in the Bhojpur town. Bhojpur forms part of Majh Kirat/Kirant (Middle Kirat). It is one of the richest districts in Nepal in biodiversity. Larger settlements or towns include Dingla, in the north, Champe, which is a haat bazaar, Balankha in the southwest of the district, and Goretar to the southeast.

The district comprises 63 VDCs, namely, Aamtep, Annapurna, Baikuntha, Balankha, Basi khola, Basingtharpur, Basteem, Bhaishpankha, Bhubal, Bhulke, Bokhim, Bhojpur, Boya, Champe, Changre, Charambi, Chaukidada, Chhinamukh, Dalgaun, Deurali, Dewantar, Dhodalekhani, Dobhane, Dummana, Gogane, Gupteshwor, Hasanpur, Helauchha, Homtang, Jarayotar, Keemalung, Keurepani, Khairang, Khartimhha, Khatamma, Khawa, Kota, Kudak Kaule, Kulunga, Lekharka, Mane Bhanjyang, Mulpani, Nagi, Nepaledada, Okhre, Pangcha, Patle Pani, Pawala, Pyauli, Ranibas, Sangpang, Sano Dumba, Shyamsila, Siddheswor, Sindrang, Syamsila, Taksar, Thidingkha, Thulo Dumba, Timma, Tiwari Bhanjyang, Tunggochha, Yaku, Yangpang,



Terhathum District, with Myanglung as its district headquarters and the only Municipality in the district, covers an area of 679km². The district comprises a total of 32 VDCs with 9 sub-divisions within each VDC called 'wards'. The VDCs are namely, Ambon, Andeem, Basantapur, Chhate Dhunga, Chuhan Dhanda, Dangapa, Eseebu, Ewa, Hamarjung, Hwaku, Jaljale, Jirikhinti, Khamlalung, Morahang, Okhare, Oyakjung, Panchakanya Pokhari, Phakchamara, Phulek, Piple, Pouthak, Sabla, Samdu, Sankranti Bazaar, Shreejung, Simle, Solma, Sudap, Sungnam, Tamfula and Thoklung.



Sankhuwasabha District, with Khandbari as its district headquarters and the only Municipality in the district, covers an area of 3,480km².

It has 34 VDCs: Aankhibhui, Bahrabise, Bala, Baneswor, Chainpur, Chepuwa, Dhupu, Diding, Hatiya, Jaljala, Kharang, Madi Mulkharka, Madi Rambeni, Makalu, Mamling, Mangtewa, Matsya Pokhari, Mawadin, Num, Nundhaki, Pangma, Pat hibhara, Pawakhola, Savapokhari, Siddhakali, Siddhapokhari, Sisuwa, Sitalpati, Syabun, Tamaf ok, Tamphu, Yaphu, and Wana.

Annex 21: Policies and events influencing decentralization and local governance in Nepal

YEAR	POLICIES and EVENTS
1962	The Constitution of 1962 and the party-less Panchayat System tried to institutionalize a concept of decentralization through the formation of local bodies at the village, city, district and zonal levels. In reality the local bodies served merely as units under the administrative bodies set up by the centralized state.
1982	Decentralization Act (1982) and Bye-laws (1984)
1984	Initiation of a significant process of decentralization; all district level line agencies were put under the umbrella of the respective District Panchayats; Promotion of the management of local resource through “users’ committees” rather than the existing political bodies (i.e. the Panchayats). Extension of some administrative and functional power to local bodies.
1990	Jana Andolan and revision of Constitution, allowing for legal political parties, and elections to national, district and village level assemblies or councils
1991-92	Separate Local Body Acts: Village Development Committee Act, Municipality Act and District Development Committee Act
	Association of District Development Committees in Nepal (ADDCN), Municipal Association of Nepal (MuAN) and National Association of VDCs in Nepal (NAVIN)
1996	Formation of a high level Decentralization Coordination Committee
1996	Launch of ‘the People’s War’ by the CPN (Maoist)
1999	Local Self-Governance Act, B.S. 2055 and Local Self-Governance Regulations, B.S. 2056 (based on the provisions in the Constitution of Nepal 1991) the devolution of some health, education and agriculture functions provisions for Decentralisation Implementation and Monitoring Committee (DIMC), Decentralisation Implementation and Monitoring Working Committee (DIMWC) and a Decentralisation Implementation Plan (DIP) to i.
2001	Gyanendra becomes King after the massacre at the Royal Palace in which King Birendra is killed and declares a State of Emergency
2002	King Gyanendra dissolves parliament; no local government elections; local councils DDCs and VDCs cease functioning as elected bodies – become essentially administrative units
2002	Local Bodies Fiscal Commission (LBFC) formed.
2004	Local Infrastructure Development Policy Responsibilities of local infrastructure to local bodies
2005	Gender Responsive Budget (GRB) allocation concept and Gender Responsive Budget Committee (GRBC) (established in 2006)
2006	Jana Andolan II, seven party and eight party alliances, Comprehensive Peace Agreement
2007	Interim government formed; Interim Constitution of Nepal, 2063 promulgated Support for decentralization as an integral part of governance to promote people’s participation at the grassroots level and create local self-reliant institutional mechanisms to provide services to the people.

	<p>Creation of Interim Local Bodies at district, municipality and village levels with consensus of all political parties. Still no elected DDCs or VDCs</p>
	<p>MLD concept paper on local development and self-governance (July 2007) focusing on reducing corruption, commission, mismanagement, delays and non-transparent procedures.</p>
2008	<p>Elections for the Constituent Assembly. A succession of interim governments continues over the next few years.</p> <p>Governance (Management and Operation) Act</p> <p>measures for people oriented, accountable, transparent, inclusive and participatory public administration to provide its benefits to general people</p>
2008-2010	<p>Discussion of future 'federal structure' of Nepal –</p> <p>14 autonomous regions proposed</p>

Annex 22: Local Governance and Community Development Programme (LGCDP)

Summary of the Programme Project Period	16 July 2008 – 15 July 2012 (4 years)	
	Approach Period: June to July 15, 2008	
	Inception Period: July 15, 2008 to Jan 15, 2009	
Executing Agency	Ministry of Local Development	
Implementing Agencies	Local Bodies (District Development Committees, Municipalities and Village Development Committees) through Community Organisations and NGOs	
Geographic Coverage	<ul style="list-style-type: none"> • DDCs (75 districts) • VDCs (3,915) • Municipalities (58) 	
Development Partners	ADB DANIDA CIDA DfID UN System (UNDP, UNICEF, UNCDF, UNFPA, UNV etc.)	SDC GTZ JICA World Bank Government of Finland Government of Norway
Financial Resources	Government of Nepal US\$260.8 million (Block Grant Allocation to Local Bodies) Donors commitment US\$161.5 million	
Programme Components	Empowerment of citizens and communities for active engagement with local governments and strengthening downward accountability Local bodies (DDCs, Municipalities and VDCs enriched with block grants for community led local development Capacity Development of local governments for effective service delivery Policy Support for decentralisation and Local Governance (Devolution, Fiscal decentralisation, Human Resources Development, Action Research etc.) Gender and Social Inclusion	

Source: MLD (2008).

Annex 23: Estimation of Population for Koshi Hill Districts, Koshi Hills, Koshi Tarai and Ilam and Khotang (1971 to 2011)

Year	Koshi Hills	Koshi Tarai	Ilam	Khotang	Bhojpur	Dhankuta	Sankhu-wasabha	Terhat hum
1976	540040	679424	157758	186312	193595	118198	121629	105026
1977	540896	715383	161678	191291	193414	120429	123148	102382
1978	541755	753246	165695	196402	193232	122702	124685	99804
1979	542615	793112	169812	201650	193051	125018	126242	97291
1980	543476	835088	174032	207039	192870	127377	127818	94842
1981	544338	879286	178356	212571	192689	129781	129414	92454
1982	548735	902283	182887	212908	193290	131353	130612	93446
1983	553168	925882	187533	213246	193893	132944	131821	94449
1984	557636	950098	192298	213584	194498	134554	133041	95463
1985	562141	974948	197183	213922	195104	136184	134272	96487
1986	566682	1000447	202192	214261	195713	137834	135515	97523
1987	571260	1026614	207329	214601	196323	139503	136769	98570
1988	575874	1053464	212596	214941	196936	141193	138035	99628
1989	580526	1081017	217997	215282	197550	142903	139312	100697
1990	585216	1109291	223535	215623	198166	144634	140602	101778
1991	589943	1138304	229214	215965	198784	146386	141903	102870
1992	594935	1167697	234081	217460	199203	148281	143545	103851
1993	599970	1197850	239051	218965	199624	150201	145206	104841
1994	605047	1228780	244127	220480	200045	152145	146886	105841
1995	610167	1260510	249310	222006	200467	154115	148585	106850
1996	615331	1293059	254604	223542	200890	156110	150304	107869
1997	620538	1326448	260010	225089	201314	158130	152043	108898
1998	625789	1360700	265530	226647	201738	160177	153802	109936
1999	631085	1395836	271168	228215	202164	162251	155582	110984
2000	636425	1431879	276926	229795	202591	164351	157382	112043
2001	641811	1468853	282806	231385	203018	166479	159203	113111
2002	638495	1491860	284082	229057	201022	166243	159248	111916
2003	635196	1515227	285363	226752	199046	166007	159292	110733
2004	631914	1538960	286650	224471	197089	165772	159337	109562
2005	628648	1563065	287943	222212	195151	165537	159381	108404
2006	625400	1587548	289242	219976	193232	165302	159426	107259
2007	622169	1612414	290546	217763	191332	165067	159470	106125
2008	618954	1637669	291857	215572	189451	164833	159515	105003
2009	615756	1663320	293173	213403	187589	164600	159560	103894

Annex 24: Annual Exponential Growth Rate by Sex

Districts and regions	Both sex				Male				Female			
	1981	1991	2001	2011	1981	1991	2001	2011	1981	1991	2001	2011
Bhojpur	-0.09	0.31	0.21	-0.99	0.23	-0.13	0.18	-1.21	-0.42	0.74	0.24	-0.79
Dhankuta	1.87	1.20	1.29	-0.14	2.20	0.85	1.27	-0.61	1.54	1.56	1.30	0.29
Sankhu-wasabha	1.24	0.92	1.15	0.03	1.55	0.59	1.13	-0.24	0.94	1.25	1.17	0.28
Terhathum	-2.55	1.07	0.95	-1.06	-2.52	0.92	0.88	-1.48	-2.58	1.21	1.02	-0.68
Koshi Hill	0.16	0.80	0.84	-0.52	0.43	0.46	0.81	-0.85	-0.11	1.14	0.87	-0.21
Morang	5.73	2.33	2.23	1.35	5.66	2.09	2.09	0.99	5.80	2.58	2.37	1.69
Sunsari	4.33	2.96	3.00	1.83	4.38	2.72	2.98	1.48	4.28	3.21	3.02	2.17
Koshi Tarai	5.16	2.58	2.55	1.55	5.14	2.34	2.46	1.20	5.17	2.83	2.64	1.90
Koshi Zone	2.94	1.94	2.00	0.97	3.10	1.68	1.94	0.63	2.77	2.21	2.05	1.29
Ilam	2.45	2.51	2.10	0.45	2.68	2.26	2.11	0.12	2.22	2.77	2.10	0.78
Khotang	2.64	0.16	0.69	-1.01	2.93	-0.19	0.73	-1.32	2.35	0.50	0.65	-0.73
Nepal	2.62	2.08	2.25	1.40	2.80	1.81	2.26	1.11	2.44	2.35	2.23	1.67

Annex 25: Population by Sex

Districts and regions	Both Sex					Male					Female				
	1971	1981	1991	2001	2011	1971	1981	1991	2001	2011	1971	1981	1991	2001	2011
Bhojpur	194,506	192,689	198,784	203,018	183,918	95,060	97,295	96,037	97,762	86,663	99,446	95,394	102,747	105,256	97,255
Dhankuta	107,649	129,781	146,386	166,479	164,133	53,105	66,183	72,080	81,841	76,980	54,544	63,598	74,306	84,638	87,153
Sankhu-wasabha	114,313	129,414	141,903	159,203	159,649	56,134	65,525	69,519	77,853	75,973	58,179	63,889	72,384	81,350	83,676
Terhathum	119,307	92,454	102,870	113,111	101,709	59,033	45,897	50,319	54,932	47,357	60,274	46,557	52,551	58,179	54,352
Koshi Hill	535,775	544,338	589,943	641,811	609,409	263,332	274,900	287,955	312,388	286,973	272,443	269,438	301,988	329,423	322,436
Morang	301,557	534,692	674,823	843,220	964,709	157,992	278,355	343,045	422,895	466,803	143,565	256,337	331,778	420,325	497,906
Sunsari	223,434	344,594	463,481	625,633	751,125	115,108	178,355	234,217	315,530	365,927	108,326	166,239	229,264	310,103	385,198
Koshi Tarai	524,991	879,286	1,138,304	1,468,853	1,715,834	273,100	456,710	577,262	738,425	832,730	251,891	422,576	561,042	730,428	883,104
Koshi Zone	1,060,766	1,423,624	1,728,247	2,110,664	2,325,243	536,432	731,610	865,217	1,050,813	1,119,703	524,334	692,014	863,030	1,059,851	1,205,540
Ilam	139,538	178,356	229,214	282,806	295,824	70,429	92,031	115,377	142,434	144,125	69,109	86,325	113,837	140,372	151,699
Khotang	163,297	212,571	215,965	231,385	209,130	79,715	106,880	104,866	112,821	98,860	83,582	105,691	111,099	118,564	110,270
Nepal	11,555,983	15,022,839	18,491,097	23,151,423	26,620,809	5,817,203	7,695,336	9,220,974	11,563,921	12,927,431	5,738,780	7,327,503	9,270,123	11,587,502	13,693,378

Note: According to Population Census of 2001, the total population of Nepal is 23,151,423 as per head counts; and it is 22,736,934 in sample estimation.

Annex 26: Population by Age Group

Districts and regions	0 - 14 years				15 - 59 years				60 years and more			
	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	81,809	77,947	83,631	79,598	99,557	101,325	100,941	106,518	13,140	13,417	14,180	16,902
Dhankuta	44,637	52,033	59,727	61,486	56,080	69,452	76,889	92,500	6,932	8,296	9,754	12,493
Sankhu-wasabha	47,518	50,205	59,783	62,553	59,401	70,575	72,368	84,531	7,394	8,634	9,741	12,119
Terhathum	50,367	37,264	43,173	43,328	61,553	48,908	52,255	60,652	7,387	6,282	7,434	9,131
Koshi Hill	224,331	217,449	246,314	246,965	276,591	290,260	302,453	344,201	34,853	36,629	41,109	50,645
Morang	127,289	232,944	280,821	305,861	160,918	278,618	360,682	486,706	13,350	23,130	33,235	50,653
Sunsari	97,283	148,341	192,722	240,077	114,993	178,746	247,280	350,477	11,158	17,507	23,433	35,079
Koshi Tarai	224,572	381,285	473,543	545,938	275,911	457,364	607,962	837,183	24,508	40,637	56,668	85,732
Koshi Zone	448,903	598,734	719,857	792,903	552,502	747,624	910,415	1,181,384	59,361	77,266	97,777	136,377
Ilam	60,521	74,412	98,079	106,030	72,137	94,804	119,340	159,333	6,880	9,140	11,782	17,443
Khotang	69,159	85,364	93,313	96,877	84,096	113,915	108,417	116,892	10,042	13,292	14,226	17,616
Nepal	4,674,578	6,211,972	7,840,771	8,948,587	6,232,702	7,953,806	9,576,569	12,310,968	648,703	857,061	1,071,234	1,477,379

Annex 27: Population by Age Group and Sex

Districts and regions	0 - 14 years							
	Male				Female			
	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	41,147	39,807	41,995	39,929	40,662	38,140	41,636	39,669
Dhankuta	22,445	26,207	30,033	30,848	22,192	25,826	29,694	30,638
Sankhuwasabha	23,837	25,872	30,167	31,534	23,681	24,333	29,616	31,019
Terhathum	25,625	18,677	22,035	21,800	24,742	18,587	21,138	21,528
Koshi Hill	113,054	110,563	124,230	124,111	111,277	106,886	122,084	122,854
Morang	64,730	119,820	144,095	156,190	62,559	113,124	136,726	149,671
Sunsari	49,677	76,337	98,664	122,654	47,606	72,004	94,058	117,423
Koshi Tarai	114,407	196,157	242,759	278,844	110,165	185,128	230,784	267,094
Koshi Zone	227,461	306,720	366,989	402,955	221,442	292,014	352,868	389,948
Ilam	30,548	38,059	49,425	53,536	29,973	36,353	48,654	52,494
Khotang	34,686	43,187	47,120	49,201	34,473	42,177	46,193	47,676
Nepal	2,379,422	3,227,012	4,011,293	4,562,608	2,295,156	2,984,960	3,829,478	4,385,979

Annex 28: Population by Age Group and Sex (contd...)

Districts and regions	15 - 59 years							
	Male				Female			
	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	47,894	50,462	46,988	49,286	51,663	50,863	53,953	57,232
Dhankuta	27,510	35,726	37,237	44,765	28,570	33,726	39,652	47,735
Sankhuwasabha	28,932	35,329	34,639	40,326	30,469	35,246	37,729	44,205
Terhathum	30,118	24,137	24,772	28,737	31,435	24,771	27,483	31,915
Koshi Hill	134,454	145,654	143,636	163,114	142,137	144,606	158,817	181,087
Morang	86,640	145,880	182,132	241,079	74,278	132,738	178,550	245,627
Sunsari	60,066	92,827	124,007	175,532	54,927	85,919	123,273	174,945
Koshi Tarai	146,706	238,707	306,139	416,611	129,205	218,657	301,823	420,572
Koshi Zone	281,160	384,361	449,775	579,725	271,342	363,263	460,640	601,659
Ilam	36,450	49,083	59,863	79,549	35,687	45,721	59,477	79,784
Khotang	40,261	56,878	50,589	54,565	43,835	57,037	57,828	62,327
Nepal	3,126,695	4,017,336	4,665,990	6,051,930	3,106,007	3,936,470	4,910,579	6,259,038

Annex 29: Population by Age Group and Sex (contd...)

Districts and regions	60 years and more							
	Male				Female			
	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	6,019	7,026	7,033	8,547	7,121	6,391	7,147	8,355
Dhankuta	3,150	4,250	4,804	6,228	3,782	4,046	4,950	6,265
Sankhuwasabha	3,365	4,324	4,710	5,993	4,029	4,310	5,031	6,126
Terhathum	3,290	3,083	3,507	4,395	4,097	3,199	3,927	4,736
Koshi Hill	15,824	18,683	20,054	25,163	19,029	17,946	21,055	25,482
Morang	6,622	12,655	16,787	25,626	6,728	10,475	16,448	25,027
Sunsari	5,365	9,191	11,528	17,344	5,793	8,316	11,905	17,735
Koshi Tarai	11,987	21,846	28,315	42,970	12,521	18,791	28,353	42,762
Koshi Zone	27,811	40,529	48,369	68,133	31,550	36,737	49,408	68,244
Ilam	3,431	4,889	6,087	9,349	3,449	4,251	5,695	8,094
Khotang	4,768	6,815	7,154	9,055	5,274	6,477	7,072	8,561
Nepal	311,086	450,988	542,738	744,840	337,617	406,073	528,496	732,539

Annex 30: Urban/Rural Population by Sex

Districts and regions	Both sex											
	Total Population				Urban Population				Rural Population			
	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	194,506	192,689	198,784	203,018					194,506	192,689	198,784	203,018
Dhankuta	107,649	129,781	146,386	166,479		13,836	17,073	20,668	107,649	115,945	129,313	145,811
Sankhuwasabha	114,313	129,414	141,903	159,203				21,789	114,313	129,414	141,903	137,414
Terhathum	119,307	92,454	102,870	113,111					119,307	92,454	102,870	113,111
Koshi Hill	535,775	544,338	589,943	641,811		13,836	17,073	42,457	535,775	530,502	572,870	599,354
Morang	301,557	534,692	674,823	843,220	45,100	93,544	129,388	166,674	256,457	441,148	545,435	676,546
Sunsari	223,434	344,594	463,481	625,633	20,503	42,146	85,004	159,742	202,931	302,448	378,477	465,891
Koshi Tarai	524,991	879,286	1,138,304	1,468,853	65,603	135,690	214,392	326,416	459,388	743,596	923,912	1,142,437
Koshi Zone	1,060,766	1,423,624	1,728,247	2,110,664	65,603	149,526	231,465	368,873	995,163	1,274,098	1,496,782	1,741,791
Ilam	139,538	178,356	229,214	282,806	7,299	9,773	13,197	16,237	132,239	168,583	216,017	266,569
Khotang	163,297	212,571	215,965	231,385					163,297	212,571	215,965	231,385
Nepal	11,555,983	15,022,839	18,491,097	23,151,423	461,938	956,721	1,695,719	3,227,879	11,094,045	14,066,118	16,795,378	19,923,544

Annex 31: Urban/Rural Population by Sex (contd...)

Districts and regions	Male											
	Total Population				Urban Population				Rural Population			
	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	95,060	97,295	96,037	97,762					95,060	97,295	96,037	97,762
Dhankuta	53,105	66,183	72,080	81,841		6,741	8,335	10,342	53,105	59,442	63,745	71,499
Sankhuwasabha	56,134	65,525	69,519	77,853				10,640	56,134	65,525	69,519	67,213
Terhathum	59,033	45,897	50,319	54,932					59,033	45,897	50,319	54,932
Koshi Hill	263,332	274,900	287,955	312,388		7,095	8,738	20,966	263,332	267,805	279,217	291,422
Morang	157,992	278,355	343,045	422,895	19,075	42,655	60,376	79,010	138,917	235,700	282,669	343,885
Sunsari	115,108	178,355	234,217	315,530	10,995	22,019	42,926	79,562	104,113	156,336	191,291	235,968
Koshi Tarai	273,100	456,710	577,262	738,425	37,020	72,908	111,938	167,226	236,080	383,802	465,324	571,199
Koshi Zone	536,432	731,610	865,217	1,050,813	37,020	80,003	120,676	188,192	499,412	651,607	744,541	862,621
Ilam	70,429	92,031	115,377	142,434	3,753	5,123	6,865	8,331	66,676	86,908	108,512	134,103
Khotang	79,715	106,880	104,866	112,821					79,715	106,880	104,866	112,821
Nepal	5,817,203	7,695,336	9,220,974	11,563,921	248,651	512,236	882,001	1,664,362	5,568,552	7,183,100	8,338,973	9,899,559

Annex 32: Urban/Rural Population by Sex (contd...)

Districts and regions	Female											
	Total Population				Urban Population				Rural Population			
	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	99,446	95,394	102,747	105,256					99,446	95,394	102,747	105,256
Dhankuta	54,544	63,598	74,306	84,638		6,741	8,335	10,342	54,544	56,857	65,971	74,296
Sankhuwasabha	58,179	63,889	72,384	81,350				11,149	58,179	63,889	72,384	70,201
Terhathum	60,274	46,557	52,551	58,179					60,274	46,557	52,551	58,179
Koshi Hill	272,443	269,438	301,988	329,423		6,741	8,335	21,491	272,443	262,697	293,653	307,932
Morang	143,565	256,337	331,778	420,325	19,075	42,655	60,376	79,010	124,490	213,682	271,402	341,315
Sunsari	108,326	166,239	229,264	310,103	9,508	20,127	42,078	80,180	98,818	146,112	187,186	229,923
Koshi Tarai	251,891	422,576	561,042	730,428	28,583	62,782	102,454	159,190	223,308	359,794	458,588	571,238
Koshi Zone	524,334	692,014	863,030	1,059,851	28,583	69,523	110,789	180,681	495,751	622,491	752,241	879,170
Ilam	69,109	86,325	113,837	140,372	3,546	4,650	6,332	7,906	65,563	81,675	107,505	132,466
Khotang	83,582	105,691	111,099	118,564					83,582	105,691	111,099	118,564
Nepal	5,738,780	7,327,503	9,270,123	11,587,502	213,287	444,485	813,718	1,563,517	5,525,493	6,883,018	8,456,405	10,023,985

Annex 33: Native Born Population by Sex

Districts and regions	Both Sex				Male				Female			
	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	194,250	192,571	198,242	202,531	94,938	97,256	95,775	102,219	99,312	95,315	102,467	100,312
Dhankuta	107,522	129,531	145,793	165,236	53,042	66,041	71,791	83,396	54,480	63,490	74,002	81,840
Sankhuwasabha	113,863	129,115	141,177	158,387	55,913	65,384	69,167	79,939	57,950	63,731	72,010	78,448
Terhathum	119,049	92,325	102,250	112,682	58,914	45,850	50,029	56,872	60,135	46,475	52,221	55,810
Koshi Hill	534,684	543,542	587,462	638,836	262,807	274,531	286,762	322,426	271,877	269,011	300,700	316,410
Morang	270,708	514,257	642,313	806,295	140,842	267,968	330,216	406,944	129,866	246,289	312,097	399,351
Sunsari	212,444	332,863	444,833	598,993	109,427	173,336	227,780	302,317	103,017	159,527	217,053	296,676
Koshi Tarai	483,152	847,120	1,087,146	1,405,288	250,269	441,304	557,996	709,261	232,883	405,816	529,150	696,028
Koshi Zone	1,017,836	1,390,662	1,674,608	2,044,124	513,076	715,835	844,758	1,031,686	504,760	674,827	829,850	1,012,438
Ilam	138,643	177,453	226,640	278,712	69,981	91,727	114,535	140,668	68,662	85,726	112,105	138,044
Khotang	163,211	212,423	215,306	231,009	79,672	106,832	104,559	116,592	83,539	105,591	110,747	114,417
Nepal	11,218,535	14,784,246	18,046,302	22,128,848	5,693,723	7,621,631	9,094,519	11,168,613	5,524,812	7,162,615	8,951,783	10,960,236

Annex 34: Foreign Born Population by Sex

Districts and regions	Both Sex				Male				Female			
	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	256	93	486	487	122	34	234	164	134	59	252	323
Dhankuta	127	234	555	1,243	63	136	272	419	64	98	283	824
Sankhuwasabha	450	297	634	816	221	140	309	275	229	157	325	541
Terhathum	258	118	599	429	119	47	278	145	139	71	321	284
Koshi Hill	1,091	742	2,274	2,975	525	357	1,093	1,003	566	385	1,181	1,972
Morang	30,849	20,208	32,240	36,925	17,150	10,287	12,691	12,444	13,699	9,921	19,549	24,481
Sunsari	10,990	11,392	18,540	26,640	5,681	4,857	6,378	8,978	5,309	6,535	12,162	17,662
Koshi Tarai	41,839	31,600	50,780	63,565	22,831	15,144	19,069	21,421	19,008	16,456	31,711	42,144
Koshi Zone	42,930	32,342	53,054	66,540	23,356	15,501	20,162	22,424	19,574	16,841	32,892	44,116
Ilam	895	893	2,566	4,094	448	299	838	1,380	447	594	1,728	2,714
Khotang	86	136	605	376	43	48	284	127	43	88	321	249
Nepal	337,448	234,039	439,488	608,093	123,480	71,555	123,660	183,038	213,968	162,484	315,828	425,055

Annex 35: Absent Population by Sex

Districts and regions	Both Sex				Male				Female			
	1981	1991	2001	2011	1981	1991	2001	2011	1981	1991	2001	2011
Bhojpur	5,953	9,176	6,844	15,151	4698	7,941	6,457	13,896	1255	1,235	387	1,255
Dhankuta	1,598	2,561	3,967	14,455	1313	2,329	3,812	13,462	285	232	155	993
Sankhuwasabha	9,270	6,625	5,516	12,056	6357	5,643	5,121	11,120	2913	982	395	936
Terhathum	3,270	3,687	3,493	9,656	2414	3,093	3,301	9,113	856	594	192	543
Koshi Hill	20,091	22,049	19,820	51,318	8,771	19,006	18,691	47,591	3769	3,043	1,129	3,727
Morang	1,810	10,713	20,934	69,325	984	9,081	18,973	60,856	826	1,632	1,961	8,469
Sunsari	2,626	6,532	12,799	49,054	1407	5,692	10,799	41,773	1219	840	2,000	7,281
Koshi Tarai	4,436	17,245	33,733	118,379	2391	14,773	29,772	102,629	2045	2,472	3,961	15,750
Koshi Zone	24,527	39,294	53,553	169,697	17173	38,012	48,463	150,220	7354	6,086	5,090	19,477
Ilam	3,398	4,745	5,160	21,905	2846	3,944	4,548	19,107	552	801	612	2,798
Khotang	6,705	8,590	8,030	18,176	5280	7,319	7,491	16,742	1425	1,271	539	1,434
Nepal	402,977	658,290	762,181	1,917,903	328448	548,002	679,469	1,663,237	74529	110,288	82,712	254,666

Annex 36: Absent Population by Destination

Districts and regions	India						Other Asia					
	Both sex		Male		Female		Both sex		Male		Female	
	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001
Bhojpur	7517	4825	6522	4535	995	290	391	359	305	317	86	42
Dhankuta	1900	1247	1712	1170	188	77	233	368	214	326	19	42
Sankhuwasabha	5478	2736	4640	2450	838	286	231	371	189	305	42	66
Terhathum	2856	1163	2390	1074	466	89	357	485	291	420	66	65
Koshi Hill	17751	9971	15264	9229	2487	742	1212	1583	999	1368	213	215
Morang	8941	12044	7609	10727	1332	1317	464	1638	369	1307	95	331
Sunsari	4232	6151	3746	5211	486	940	1463	2786	1253	2054	210	732
Koshi Tarai	13173	18195	11355	15938	1818	2257	1927	4424	1622	3361	305	1063
Koshi Zone	30924	28166	26619	25167	4305	2999	3139	6007	2621	4729	518	1278
Ilam	3971	3497	3291	2969	680	528	287	258	253	219	34	39
Khotang	6652	3752	5652	3418	1000	334	631	640	502	518	129	122
Nepal	587243	589050	492079	520500	95164	68550	20024	34532	16364	27865	3660	6667

Annex 37: Absent Population by Destination

Districts and regions	South Asia					
	Both sex		Male		Female	
	1991	2001	1991	2001	1991	2001
Bhojpur	137	40	107	35	30	5
Dhankuta	60	14	52	13	8	1
Sankhuwasabha	77	37	69	35	8	2
Terhathum	40	21	34	20	6	1
Koshi Hill	314	112	262	103	52	9
Morang	132	113	103	99	29	14
Sunsari	130	77	108	61	22	16
Koshi Tarai	262	190	211	160	51	30
Koshi Zone	576	302	473	263	103	39
Ilam	85	32	64	30	21	2
Khotang	155	33	127	29	28	4
Nepal	4977	2691	3652	2271	1325	420

Annex 38: Absent Population by Sex and Destination Countries (cont...)

Districts and regions	Europe						Other Countries					
	Both sex		Male		Female		Both sex		Male		Female	
	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001
Bhojpur	74	99	57	89	17	10	962	60	860	52	102	8
Dhankuta	28	57	26	49	2	8	198	48	186	41	12	7
Sankhuwasabha	122	54	96	48	26	6	557	86	492	77	65	9
Terhathum	50	103	38	93	12	10	282	38	242	31	40	7
Koshi Hill	274	313	217	279	57	34	1999	232	1780	201	219	31
Morang	124	227	96	191	28	36	688	399	557	308	131	91
Sunsari	138	658	113	533	25	125	331	381	247	302	84	79
Koshi Tarai	262	885	209	724	53	161	1019	780	804	610	215	170
Koshi Zone	536	1198	426	1003	110	195	3018	1012	2584	811	434	201
Ilam	69	82	54	73	15	9	293	46	242	43	51	3
Khotang	122	132	88	118	34	14	819	65	744	60	75	5
Nepal	6404	11157	4581	9254	1823	1903	33297	13925	25375	10784	7922	3141

Annex 39: Economically active population 10 years of age and over by major occupation

Districts and regions	Both Sexes															
	Economically active population 10 years of age & over				Professional/ Technical Workers				Administrative Workers				Clerical Workers			
	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	73,920	99,502	95,715	106,781	252	816	1324	2191	9	7	28	512	375	131	471	406
Dhankuta	48,697	63,057	74,521	88,299	286	731	1369	4231	4	14	189	405	367	143	947	2380
S_sabha	51,226	62,591	69,696	87,517	157	578	1310	2985	6	10	57	214	198	153	497	861
Terhathum	40,901	49,323	46,097	55,489	169	415	988	1660	0	6	33	31	121	118	395	758
Koshi Hill	214,744	274,473	286,029	338,086	864	2540	4991	11067	19	37	307	1162	1,061	545	2310	4405
Morang	101,885	219,563	233,317	380,823	854	1806	4163	12752	66	156	887	2127	2,133	908	3191	6352
Sunsari	77,541	122,759	159,356	243,053	650	1601	3137	13077	17	213	607	1425	1,316	1937	2141	6554
Koshi Tarai	179,426	342,322	392,673	623,876	1,504	3407	7300	25829	83	369	1494	3552	3,449	2845	5332	12906
Koshi Zone	394,170	616,795	678,702	961,962	2,368	5947	12291	36896	102	406	1801	4714	4,510	3390	7642	17311
Ilam	59,744	83,440	95,578	139,769	305	833	1819	6252	5	42	123	146	355	769	828	2284
Khotang	53,651	104,590	110,679	129,118	175	687	1465	2304	1	8	33	34	265	205	507	461
Nepal	4,852,524	6,850,886	7,339,586	9,900,184	25,317	64132	130653	413841	1,095	6232	21942	56535	46,740	49161	77697	201051

Districts and regions	Both Sexes			
	Sales Workers			
	1971	1981	1991	2001
Bhojpur	229	225	673	3463
Dhankuta	270	636	1450	3667
Sankhuwasabha	142	201	953	4624
Terhathum	53	104	633	3578
Koshi Hill	694	1166	3709	15332
Morang	3,745	6180	12860	38981
Sunsari	3,045	5593	10184	28585
Koshi Tarai	6,790	11773	23044	67566
Koshi Zone	7,484	12939	26753	82898
Ilam	392	574	1843	9470
Khotang	83	138	740	2751
Nepal	60,157	85341	218496	916842

Annex 40: Economically active population 10 years of age and over by major occupation (contd...)

Districts and regions	Both Sex																			
	Service Workers				Farm Fish Workers				Production Labour Workers				Others				Occupation not Stated			
	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	105	51	789	1309	72,134	96645	90226	92148	816	373	1279	161	0	0	683	6487	0	1254	242	104
Dhankuta	181	56	1676	6144	47,139	58169	66032	58542	450	1181	1946	270	0	0	787	12590	0	2127	125	70
S_sabha	105	109	1115	3907	50,069	60093	64005	64638	549	470	989	245	0	0	568	9970	0	977	202	73
Terhathum	78	71	809	1554	40,366	47754	41658	43320	114	178	1084	280	0	0	408	4285	0	677	89	23
Koshi Hill	469	287	4389	12914	209,708	262661	261921	258648	1,929	2202	5298	956	0	0	2446	33332	0	5035	658	270
Morang	2,235	674	46408	29138	82,255	180199	138017	176566	10,597	17675	14796	6681	0	0	11954	107807	0	11965	1041	419
Sunsari	1,163	395	32379	29998	68,372	87583	93454	89377	2,978	17557	10949	6381	0	0	5852	67376	0	7880	653	280
Koshi Tarai	3,398	1069	78787	59136	150,627	267782	231471	265943	13,575	35232	25745	13062	0	0	17806	175183	0	19845	1694	699
Koshi Zone	3,867	1356	83176	72050	360,335	530443	493392	524591	15,504	37434	31043	14018	0	0	20252	208515	0	24880	2352	969
Ilam	184	139	2809	7525	57,718	78762	84843	98679	785	1037	2141	840	0	0	1043	14539	0	1284	129	34
Khotang	113	100	1136	1663	52,864	101804	104709	114042	150	320	1559	151	0	0	334	7688	0	1328	196	24
Nepal	34,231	16430	453739	781004	4,579,335	6259613	5952047	5901384	105,649	213851	310414	141355	0	0	153728	1479817	0	156126	20870	8355

Annex 41: Number of Households by Type of House/Housing Unit, 2001

	Type of House/Housing Unit									
	Total		Pakki		Semi-Pakki		Kachchi		Others	
	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001
Bhojpur	37058	39481	805	1487	13978	23792	21402	13833	873	369
Dhankuta	27425	32571	2876	3455	13609	10530	9858	17790	1082	796
Sankhuwasabha	26902	30766	703	2134	12577	14586	12797	13687	825	359
Terhathum	18379	20682	982	3842	7463	13476	9449	3221	485	143
Koshi Hills	109764	123500	5366	10918	47627	62384	53506	48531	3265	1667
Morang	126557	167875	11417	27623	13777	44372	94964	94069	6399	1811
Sunsari	84492	120295	9557	22526	11178	28338	60165	68361	3592	1070
Koshi Tarai	211049	288170	20974	50149	24955	72710	155129	162430	9991	2881
Koshi Zone	320813	411670	26340	61067	72582	135094	208635	210961	13256	4548
Ilam	41450	54565	4154	15695	13180	18377	21579	20107	2537	386
Khotang	40183	42866	1747	4626	32690	33224	5054	4811	692	205
Nepal	3328721	4174374	782619	1528037	825859	1218238	1654459	1396807	65784	31292

Annex 42: Number of Households by Type of Ownership, 2001

	Total		Ownership Type									
			Own		Rented		Institution		Rent Free		Others	
	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001
Bhojpur	37058	39481	35314	36746	678	1595	67	944	717	85	282	111
Dhankuta	27425	32571	25060	28538	1498	2820	188	1147	479	36	200	30
Sankhuwasabha	26902	30766	25211	27823	808	1530	89	1243	494	70	300	100
Terhathum	18379	20682	16895	18507	863	1433	105	650	394	26	122	66
Koshi Hills	109764	123500	102480	111614	3847	7378	449	3984	2084	217	904	307
Morang	126557	167875	110993	142023	10275	19318	1291	5502	3197	747	801	285
Sunsari	84492	120295	74522	99433	7166	15962	923	4205	1478	295	403	400
Koshi Tarai	211049	288170	185515	241456	17441	35280	2214	9707	4675	1042	1204	685
Koshi Zone	320813	411670	287995	353070	21288	42658	2663	13691	6759	1259	2108	992
Ilam	41450	54565	37197	49099	2302	4004	843	1286	900	124	208	52
Khotang	40183	42866	39199	40951	403	863	7	792	490	99	84	161
Nepal	3328721	4174374	3083651	3684227	155205	371886	15573	101385	54684	9770	19608	7106

Annex 43: Number of Households with Female Ownership of House or Land or Livestock, 2001

	Total Household	With House Only	With Land Only	With Livestock Only	With House And Land Only	With House And Livestock Only	With Land And Livestock Only	With House, Land And Livestock	None Of All
Bhojpur	39481	282	2503	1825	1829	51	552	574	31865
Dhankuta	32571	142	2006	2335	1261	22	474	330	26001
Sankhuwasabha	30766	230	2355	1799	1390	46	712	564	23670
Terhathum	20682	131	1882	2404	754	27	625	367	14492
Koshi Hills	123500	785	8746	8363	5234	146	2363	1835	96028
Morang	167875	990	12962	10580	10370	335	2990	2022	127626
Sunsari	120295	1058	8695	7038	7365	211	1880	1353	92695
Koshi Tarai	288170	2048	21657	17618	17735	546	4870	3375	220321
Koshi Zone	411670	2833	30403	25981	22969	692	7233	5210	316349
Ilam	54565	150	2932	2669	1490	44	494	352	46434
Khotang	42866	183	3795	3406	1642	53	1092	826	31869
Nepal	4174374	32518	219196	226320	161204	3709	39257	32766	3459404

Annex 44: Number of Households by Type of Main Fuel Used for Cooking, 2001

	Type of Fuel used for cooking							
	Total	Wood	Kerosene	LP Gas	Bio Gas	Cow Dung	Others	Not Stated
Bhojpur	39481	38612	630	0	0	0	64	175
Dhankuta	32575	24237	5255	2330	483	0	91	178
Sankhuwasabha	30766	29810	749	0	59	0	67	82
Terhathum	20682	19807	386	0	213	0	0	276
Koshi Hills	123504	112466	7020	2330	755	0	222	711
Morang	167872	85289	19111	9487	3548	47946	1619	871
Sunsari	120295	61996	19399	10744	2187	24254	925	790
Koshi Tarai	288167	147285	38510	20231	5735	72200	2544	1661
Koshi Zone	411671	259751	45530	22561	6490	72200	2766	2372
Ilam	54566	42797	8711	2238	175	0	434	212
Khotang	42866	42157	390	0	0	0	0	319
Nepal	4174458	2737905	564885	320305	69312	416022	28913	37116

Annex 45: Number of Households by Type of Lighting Facilities, 2001

	Type of Lighting Facilities					
	Total	Electricity	Kerosene	Bio Gas	Others	Not Stated
Bhojpur	39481	2129	36396	96	694	167
Dhankuta	32571	14984	17215	67	123	182
Sankhuwasabha	30766	9227	20955	16	463	106
Terhathum	20682	2594	17228	118	465	276
Koshi Hills	123500	28934	91794	297	1745	731
Morang	167875	59696	106844	244	138	953
Sunsari	120378	50974	68102	269	117	916
Koshi Tarai	288253	110670	174946	513	255	1869
Koshi Zone	411753	139604	266740	810	2000	2600
Ilam	54565	23452	30579	74	249	212
Khotang	42866	1689	39838	0	988	351
Nepal	4174457	1644499	2386293	8075	94143	41446

Annex 46: Number of Households by Type of Toilet, 2001

	Type of Toilet Facilities				
	Total	Modern with Flush	Ordinary	No Toilet	Not Stated
Bhojpur	39481	965	18250	20020	247
Dhankuta	32571	8227	12681	11397	266
Sankhuwasabha	30766	1431	16761	12328	247
Terhathum	20682	2097	8878	9344	363
Koshi Hills	123500	12720	56570	53089	1123
Morang	167907	25617	44322	96714	1254
Sunsari	120294	29545	34072	55550	1126
Koshi Tarai	288201	55162	78394	152264	2380
Koshi Zone	411701	67882	134964	205353	3503
Ilam	54565	14276	27161	12810	317
Khotang	42866	1092	14416	26920	438
Nepal	4174457	946923	978829	2191325	57380

Annex 47: Number of Households by Main Sources of Drinking Water, 2001

	Main source of drinking water							
	Total	Tap/Pipe	Well	Tube well	Spout Water	Rivers/Stream	Others	Not Stated
Bhojpur	39481	22611	8228	0	7909	582	0	151
Dhankuta	32571	26294	4363	36	1074	373	266	166
Sankhuwasabha	30766	19211	4018	0	6750	608	98	82
Terhathum	20682	15036	2973	0	2247	158	0	268
Koshi Hills	123500	83152	19582	36	17980	1721	364	667
Morang	168383	23321	5809	136077	692	1010	619	855
Sunsari	120495	23984	2365	90570	1352	305	1136	782
Koshi Tarai	288878	47305	8174	226647	2044	1315	1755	1637
Koshi Zone	412378	130457	27756	226683	20024	3036	2119	2304
Ilam	54565	41231	5440	1339	5201	931	201	222
Khotang	42866	27525	7985	0	5873	901	239	343
Nepal	4174457	2209760	377241	1184156	267180	61400	37232	37489

Annex 48: Number of Households with and without Economic Activities by Type, 2001

	No. of Household			Type of Activity				
	Total	Having Economic Activities	Not Having Economic Activities	Manufacturing	Trade/Business	Transport	Services	Others
Bhojpur	39481	4805	34676	752	1068	7	2226	752
Dhankuta	32571	5055	27516	361	1623	24	1737	1310
Sankhuwasabha	30766	5134	25632	1248	1463	62	1602	759
Terhathum	20682	3459	17223	363	677	16	1618	785
Koshi Hills	123500	18453	105047	2724	4831	109	7183	3606
Morang	167875	49906	117969	3505	12537	1527	17001	15336
Sunsari	120295	42041	78254	1298	11005	1503	15203	13032
Koshi Tarai	288170	91947	196223	4803	23542	3030	32204	28368
Koshi Zone	411670	110400	301270	7527	28373	3139	39387	31974
Ilam	54565	8746	45819	697	2477	226	2944	2402
Khotang	42866	4000	38866	390	969	3	1859	779
Nepal	4174374	840128	3334246	65471	255767	22432	293831	202627

Annex 49: Number of Households with and without Radio

DISTRICTS	Number of Households with and without Radio							
	Total		With Radio		Without Radio		Not Stated	
	1981	1991	1981	1991	1981	1991	1981	1991
Bhojpur	34884	37058	2075	9273	32809	24067		3718
Dhankuta	22332	27425	1718	7001	20614	19217		1207
Sankhuwasabha	27063	26902	1229	6231	25834	17284		3387
Terhathum	15483	18379	1021	5287	14462	10313		2779
Koshi Hills	99762	109764	6043	27792	93719	70881		11091
Morang	91045	126557	7959	31994	83086	75719		18844
Sunsari	58187	84492	6301	22038	51886	54842		7612
Koshi Tarai	149232	211049	14260	54032	134972	130561		26456
Koshi Zone	248994	320813	20303	81824	228691	201442		37547
Ilam	31330	41450	4114	12758	27216	27263		1429
Khotang	38316	40183	2162	9369	36154	28215		2599
Nepal	2585154	3328721	176722	864551	2408432	2096117		368053

Annex 50: Trend in the number of Hospitals

Areas	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
Bhojpur	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Dhankuta	1	1	1	1	1	1	1	1	1	1	1	1	1	1
S_sabha	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Terhathum	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Koshi Hills	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Morang	2	2	2	2	2	2	2	2	2	2	2	2	2	6
Sunsari	1	1	1	1	1	1	1	1	1	1	1	1		1
Koshi Tarai	3	3	3	3	3	3	3	3	3	3	3	3	1	7
Koshi Zone	7	7	7	7	7	7	7	7	7	7	7	7		11
Ilam	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Khotang	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Nepal	74	75	74	74	74	79	84	84	89	89	89	91	100	117

Annex 51: Trend in the number of Primary Health Care Centres/Health Centres (PHCCs)

Areas	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
Bhojpur	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Dhankuta	1	1	2	2	2	2	2	2	2	2	2	2	2	2
S_sabha	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Terhathum	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Koshi Hills	5	5	6	6	7	7	9	9	9	9	9	9	9	9
Morang	3	3	5	6	6	6	6	6	6	6	7	7	7	7
Sunsari	2	2	3	3	5	5	5	5	5	5	5	5	5	5
Koshi Tarai	5	5	8	9	11	11	11	11	11	11	12	12	12	12
Koshi Zone	10	10	14	15	18	18	20	20	20	20	21	21	21	21
Ilam	2	2	2	3	3	3	3	3	3	3	4	4	4	4
Khotang	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Nepal	117	116	137	148	172	178	188	188	186	186	209	210	207	208

Annex 52: Trend in the number of Health Posts

Areas	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
Bhojpur	10	10	10	10	10	10	9	9	9	9	9	9	9	9
Dhankuta	12	12	11	11	11	11	11	11	11	11	11	11	11	11
Sankhuwasabha	12	12	12	12	12	12	11	11	11	11	11	11	11	11
Terhathum	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Koshi Hills	43	43	42	42	42	42	40	40	40	40	40	40	40	40
Morang	14	14	12	12	11	11	11	11	11	11	10	10	10	10
Sunsari	9	9	8	8	7	7	7	7	7	7	7	7	7	7
Koshi Tarai	23	23	20	20	18	18	18	18	18	18	17	17	17	17
Koshi Zone	66	66	62	62	60	60	58	58	58	58	57	57	57	57
Ilam	8	8	8	8	7	7	7	7	7	7	6	6	6	6
Khotang	8	8	8	9	8	8	8	8	8	8	8	8	8	8
Nepal	754	754	736	739	710	705	697	698	697	697	677	676	676	675

Annex 53: Trend in the number of Sub Health Posts

Areas	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
Bhojpur	51	51	51	51	51	51	51	51	51	51	51	51	51	51
Dhankuta	25	24	24	24	24	24	24	24	24	24	24	24	24	24
Sankhuwasabha	25	24	25	25	25	25	25	25	25	25	25	25	25	25
Terhathum	22	21	21	21	20	20	20	20	20	20	20	20	20	20
Koshi Hills	123	120	121	121	120	120	120	120	120	120	120	120	120	120
Morang	49	49	49	49	49	49	49	49	49	49	49	49	49	49
Sunsari	42	41	41	41	40	40	40	40	40	40	40	40	40	40
Koshi Tarai	91	90	90	90	89	89	89	89	89	89	89	89	89	89
Koshi Zone	214	210	211	211	209	209	209	209	209	209	209	209	209	209
Ilam	37	37	38	38	38	38	38	38	38	38	38	38	38	38
Khotang	65	65	65	65	65	65	65	65	65	65	65	65	65	65
Nepal	3187	3120	3146	3152	3132	3132	3129	3129	3129	3129	3126	3134	3114	3127

Annex 54: Trend in the number of Female Community Health Volunteers (FCHVs)

Areas	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
Bhojpur	567	567	567	567	567	567	567	567	567	567	567	567	567	567
Dhankuta	315	315	315	315	315	315	315	315	315	315	315	315	315	315
S_sabha	324	236	250	250	250	260	260	324	324	324	324	324	324	324
Terhathum	411	343	378	378	383	386	386	371	382	382	382	411	411	391
Koshi Hills	1617	1461	1510	1510	1515	1528	1528	1577	1588	1588	1588	1617	1617	1597
Morang	585	585	585	585	585	585	585	585	585	585	655	655	690	629
Sunsari	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1035	1035	1035
Koshi Tarai	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1719	1690	1725	1664
Koshi Zone	3266	3110	3159	3159	3164	3177	3177	3226	3237	3237	3307	3307	3342	3261
Ilam	934	983	934	934	1079	1150	1150	1150	1154	1154	1136	1006	1065	1066
Khotang	684	927	933	927	960	960	960	960	960	960	933	933	933	933
Nepal	42427	45736	46615	46597	47261	48047	47873	48307	48164	48164	48445	48514	48604	48489

Annex 55: Trend in Proportion of Malnourished Children (Low weight) of Age below 3 years

Areas	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09
Bhojpur	24	20	26	36	19	18	18	16	8	7	4	3	2
Dhankuta	22	20	17	15	15	11	9	6	9	4	3	3	4
Sankhuwasabha	17	17	16	13	6	5	4	6	5	4	3	2	2
Terhathum	22	19	22	22	18	14	14	12	8	7	7	3	2
Koshi Hills	21	19	20	22	15	12	11	10	8	6	4	3	2
Morang	22	31	27	21	17	16	15	10	7	5	5	4	4
Sunsari	24	23	22	22	19	15	17	15	12	9	8	5	5
Koshi Tarai	23	27	25	22	18	16	16	13	10	7	6	5	4
Koshi Zone	22	22	22	22	16	13	13	11	8	6	5	3	3
Ilam	23	27	24	20	17	14	12	9	10	10	14	6	1
Khotang	28	27	21	31	20	18	19	15	10	6	4	4	3
Nepal	28	23	23	21	18	16	14	12	11	9	8	6	5

Annex 56: Growth in Schools by Level of Education

Year	Bhojpur				Dhankuta			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	152	39	10	201	130	36	6	172
1977/78	158	43	11	212	135	42	6	183
1978/79	161	45	11	217	140	44	6	190
1979/80	167	53	13	233	143	49	7	199
1980/81	179	48	15	242	150	34	7	191
1981/82	176	50	16	242	156	39	9	204
1982/83	182	56	18	256	161	43	9	213
1983/84	184	57	17	258	163	45	10	218
1984/85	185	59	18	262	164	47	12	223
1985/86	185	60	16	261	230	60	13	303
1986/87	189	56	16	261	173	49	15	237
1987/88	223	59	20	302	188	49	17	254
1988/89	226	61	20	307	199	49	17	265
1989/90	251	60	22	333	244	49	18	311
1990/91	250	59	22	331	245	50	20	315
1991/92	277	59	25	361	258	49	24	331
1992/93	276	60	25	361	259	50	21	330
1993/94	299	64	26	389	262	52	23	337
1994/95	318	71	26	415	262	55	27	344
1995/96	308	70	26	404	271	54	27	352
1996/97	315	76	34	425	280	61	39	380
1997/98	323	75	35	433	284	66	43	393
1998/99	341	82	38	461	299	80	45	424
1999/00	346	83	42	471	305	80	53	438
2000/01	363	93	46	502	310	86	52	448
2001/02	362	87	45	494	312	85	33	430
2002/03	363	89	46	498	317	88	33	438
2003/04	363	89	46	498	301	86	33	420
2004/05	363	90	47	500	309	88	33	430
2005/06	363	90	46	499	319	88	57	464
2006/07	371	95	49	515	319	91	58	468
2007/08	379	96	53	528	323	99	64	486

Annex 57: Growth in Schools by Level of Education

Year	Sankhuwasabha				Terhathum			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	122	25	4	151	106	29	7	142
1977/78	129	29	4	162	109	31	7	147
1978/79	131	51	5	187	112	33	7	152
1979/80	135	69	6	210	116	35	7	158
1980/81	137	35	7	179	121	33	8	162
1981/82	142	35	8	185	123	34	10	167
1982/83	149	42	9	200	128	39	10	177
1983/84	152	45	10	207	135	41	13	189
1984/85	153	46	10	209	132	43	15	190
1985/86	147	42	13	202	150	48	12	210
1986/87	159	48	16	223	150	46	15	211
1987/88	196	48	21	265	151	46	15	212
1988/89	246	55	19	320	151	46	16	213
1989/90	251	47	22	320	168	46	19	233
1990/91	251	47	23	321	191	46	20	257
1991/92	274	47	23	344	166	46	22	234
1992/93	273	49	22	344	190	47	22	259
1993/94	285	53	25	363	192	53	22	267
1994/95	286	56	26	368	202	54	24	280
1995/96	305	56	26	387	203	54	27	284
1996/97	326	61	30	417	222	60	28	310
1997/98	333	61	30	424	238	65	29	332
1998/99	341	74	34	449	234	66	29	329
1999/00	341	74	34	449	232	66	34	332
2000/01	345	78	36	459	237	70	30	337
2001/02	346	71	32	449	241	69	53	363
2002/03	354	79	38	471	244	71	55	370
2003/04	348	79	39	466	242	71	54	367
2004/05	360	85	40	485	248	72	57	377
2005/06	356	81	43	480	245	71	35	351
2006/07	361	90	47	498	248	71	37	356
2007/08	385	94	53	532	248	72	39	359

Annex 58: Growth in Schools by Level of Education

Year	Morang				Sunsari			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	167	68	18	253	133	49	20	202
1977/78	172	70	19	261	137	55	21	213
1978/79	179	73	22	274	142	56	21	219
1979/80	184	96	28	308	144	60	24	228
1980/81	225	74	35	334	154	56	28	238
1981/82	203	86	41	330	162	60	28	250
1982/83	213	88	42	343	166	64	27	257
1983/84	227	96	45	368	170	65	29	264
1984/85	233	102	46	381	172	66	29	267
1985/86	250	113	50	413	174	67	30	271
1986/87	254	110	55	419	176	62	28	266
1987/88	276	118	58	452	199	71	40	310
1988/89	314	111	68	493	217	76	42	335
1989/90	340	115	68	523	224	68	39	331
1990/91	345	111	60	516	248	78	46	372
1991/92	453	136	79	668	255	76	51	382
1992/93	469	132	78	679	242	72	45	359
1993/94	494	136	81	711	241	71	48	360
1994/95	546	159	91	796	303	103	58	464
1995/96	558	159	92	809	319	105	54	478
1996/97	559	208	109	876	341	132	69	542
1997/98	585	228	119	932	426	178	78	682
1998/99	611	236	124	971	348	139	75	562
1999/00	611	236	124	971	375	139	89	603
2000/01	559	214	120	893	320	128	68	516
2001/02	638	246	151	1035	320	128	68	516
2002/03	644	255	157	1056	416	163	99	678
2003/04	624	261	157	1042	416	163	99	678
2004/05	723	295	199	1217	445	181	115	741
2005/06	660	276	180	1116	432	187	112	731
2006/07	660	276	186	1122	459	187	112	758
2007/08	710	287	186	1183	504	192	118	814

Annex 59: Growth in Schools by Level of Education

Year	Koshi Hill Region				Koshi Tarai			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	510	129	27	666	300	117	38	455
1977/78	531	145	28	704	309	125	40	474
1978/79	544	173	29	746	321	129	43	493
1979/80	561	206	33	800	328	156	52	536
1980/81	587	150	37	774	379	130	63	572
1981/82	597	158	43	798	365	146	69	580
1982/83	620	180	46	846	379	152	69	600
1983/84	634	188	50	872	397	161	74	632
1984/85	634	195	55	884	405	168	75	648
1985/86	712	210	54	976	424	180	80	684
1986/87	671	199	62	932	430	172	83	685
1987/88	758	202	73	1033	475	189	98	762
1988/89	822	211	72	1105	531	187	110	828
1989/90	914	202	81	1197	564	183	107	854
1990/91	937	202	85	1224	593	189	106	888
1991/92	975	201	94	1270	708	212	130	1050
1992/93	998	206	90	1294	711	204	123	1038
1993/94	1038	222	96	1356	735	207	129	1071
1994/95	1068	236	103	1407	849	262	149	1260
1995/96	1087	234	106	1427	877	264	146	1287
1996/97	1143	258	131	1532	900	340	178	1418
1997/98	1178	267	137	1582	1011	406	197	1614
1998/99	1215	302	146	1663	959	375	199	1533
1999/00	1224	303	163	1690	986	375	213	1574
2000/01	1255	327	164	1746	879	342	188	1409
2001/02	1261	312	163	1736	958	374	219	1551
2002/03	1278	327	172	1777	1060	418	256	1734
2003/04	1254	325	172	1751	1040	424	256	1720
2004/05	1280	335	177	1792	1168	476	314	1958
2005/06	1283	330	181	1794	1092	463	292	1847
2006/07	1299	347	191	1837	1119	463	298	1880
2007/08	1335	361	209	1905	1214	479	304	1997

Annex 60: Growth in Schools by Level of Education

Year	Ilam				Khotang			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	177	28	5	210	164	37	8	209
1977/78	181	31	7	219	169	39	8	216
1978/79	190	35	7	232	171	42	9	222
1979/80	194	41	9	244	176	45	10	231
1980/81	194	35	11	240	187	44	11	242
1981/82	200	45	11	256	198	46	13	257
1982/83	203	46	11	260	194	52	14	260
1983/84	206	47	12	265	201	55	15	271
1984/85	208	49	13	270	203	57	15	275
1985/86	215	50	15	280	206	57	15	278
1986/87	214	51	17	282	206	55	14	275
1987/88	240	50	20	310	223	59	18	300
1988/89	258	50	23	331	260	58	20	338
1989/90	286	52	26	364	291	58	21	370
1990/91	293	45	23	361	301	58	21	380
1991/92	308	53	34	395	312	58	21	391
1992/93	327	54	33	414	318	60	21	399
1993/94	338	63	34	435	337	68	26	431
1994/95	340	66	37	443	348	72	30	450
1995/96	365	66	39	470	362	86	38	486
1996/97	372	71	47	490	359	89	43	491
1997/98	354	75	43	472	426	128	51	605
1998/99	375	85	55	515	436	103	50	589
1999/00	375	85	55	515	461	115	54	630
2000/01	430	102	55	587	452	112	56	620
2001/02	434	89	59	582	461	153	16	630
2002/03	441	100	70	611	461	153	38	652
2003/04	410	101	64	575	363	65	36	464
2004/05	465	106	67	638	452	153	36	641
2005/06	407	89	49	545	490	126	63	679
2006/07	432	116	63	611	490	126	63	679
2007/08	458	128	75	661	471	126	71	668

Annex 61: Growth in Schools by Level of Education

Year	Koshi Zone				Nepal			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	810	246	65	1,121	9067	2400	554	12021
1977/78	840	270	68	1,178	9404	2639	593	12636
1978/79	865	302	72	1,239	9886	3061	644	13591
1979/80	889	362	85	1,336	10130	3501	785	14416
1980/81	966	280	100	1,346	10628	2786	918	14332
1981/82	962	304	112	1,378	10912	2964	1031	14907
1982/83	999	332	115	1,446	11299	3268	1124	15691
1983/84	1,031	349	124	1,504	11660	3420	1235	16315
1984/85	1,039	363	130	1,532	11873	3578	1321	16772
1985/86	1,136	390	134	1,660	12186	3729	1411	17326
1986/87	1,101	371	145	1,617	12491	3824	1501	17816
1987/88	1,233	391	171	1,795	13488	3857	1638	18983
1988/89	1,353	398	182	1,933	15834	3941	1791	21566
1989/90	1,478	385	188	2,051	17842	3964	1953	23759
1990/91	1,530	391	191	2,112	18694	4045	2079	24818
1991/92	1,683	413	224	2,320	19498	4230	2309	26037
1992/93	1,709	410	213	2,332	20217	4376	2242	26835
1993/94	1,773	429	225	2,427	21102	4739	2482	28323
1994/95	1,917	498	252	2,667	21449	5040	2649	29138
1995/96	1,964	498	252	2,714	22218	5506	2903	30627
1996/97	2,043	598	309	2,950	23284	6062	3322	32668
1997/98	2,189	673	334	3,196	23885	6617	3575	34077
1998/99	2,174	677	345	3,196	25522	7276	4082	36880
1999/00	2,210	678	376	3,264	25927	7289	4350	37566
2000/01	2,134	669	352	3,155	24943	7340	4113	36396
2001/02	2,219	686	382	3,287	26638	7917	4541	39096
2002/03	2,338	745	428	3,511	27268	8249	4741	40258
2003/04	2,294	749	428	3,471	24746	7436	4547	36729
2004/05	2,448	811	491	3,750	27525	8471	5039	41035
2005/06	2,375	793	473	3,641	27901	8880	5329	42110
2006/07	2,418	810	489	3,717	29220	9739	5894	44853
2007/08	2,549	840	513	3,902	30924	10636	6516	48076

Annex 62: Growth in Students' Enrollments by Level of Education

Year	Bhojpur				Dhankuta			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	10443	2970	1158	14571	8957	2845	770	12572
1977/78	11754	3518	1415	16687	9120	3091	849	13060
1978/79	14060	5015	1435	20510	10423	3716	935	15074
1979/80	14517	5417	1604	21538	11520	3926	1082	16528
1980/81	19570	2362	1838	23770	15678	1743	1319	18740
1981/82	19974	2687	2221	24882	15834	1749	1598	19181
1982/83	22348	2834	2640	27822	17250	1922	1650	20822
1983/84	23357	3319	2828	29504	17958	2108	1582	21648
1984/85	23546	3406	3219	30171	19712	2411	1772	23895
1985/86	23875	3278	2971	30124	18668	2111	2053	22832
1986/87	30585	4254	3822	38661	18718	2705	2363	23786
1987/88	26922	3831	3394	34147	21956	2999	2498	27453
1988/89	30629	4010	4023	38662	24850	3219	2790	30859
1989/90	34114	4435	4409	42958	27493	3448	3317	34258
1990/91	34438	4812	4805	44055	28847	3911	3527	36285
1991/92	40498	5015	5349	50862	29419	4292	2523	36234
1992/93	37824	7400	3147	48371	29985	5495	1421	36901
1993/94	40941	7640	3314	51895	30555	7551	2248	40354
1994/95	40303	8891	3606	52800	30854	7900	2597	41351
1995/96	40503	9864	3656	54023	30963	8785	3378	43126
1996/97	38968	9068	3254	51290	29496	9405	3619	42520
1997/98	42234	10353	3427	56014	29824	9530	3605	42959
1998/99	45567	13497	4053	63117	31678	9869	4105	45652
1999/00	46559	11003	4418	61980	31703	10882	4466	47051
2000/01	44118	13414	5413	62945	31828	11789	3912	47529
2001/02	41877	12858	5314	60049	22116	8305	3697	34118
2002/03	40893	13049	5284	59226	24285	8944	3810	37039
2003/04	39989	13318	5276	58583	24503	17711	7120	49334
2004/05	42631	13979	6046	62656	32309	9394	5818	47521
2005/06	42838	14200	5576	62614	32161	12365	5170	49696
2006/07	42247	14378	6276	62901	31629	13197	5757	50583
2007/08	41310	14523	6907	62740	32068	13611	6451	52130

Annex 63: Growth in Students' Enrollments by Level of Education

Year	Sankhuwasabha				Terhathum			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	9627	2168	775	12570	6471	1943	793	9207
1977/78	10238	2612	643	13493	8016	2386	813	11215
1978/79	10022	2862	786	13670	8453	3090	739	12282
1979/80	10971	3738	868	15577	8390	3196	893	12479
1980/81	14912	1513	1166	17591	11298	1444	1228	13970
1981/82	15865	1832	1412	19109	11323	1702	1472	14497
1982/83	16549	2002	1734	20285	11636	1750	1765	15151
1983/84	18237	2098	2112	22447	13872	2458	2090	18420
1984/85	19293	2689	2123	24105	14934	2482	1996	19412
1985/86	17511	2225	2343	22079	15083	2698	2714	20495
1986/87	19007	2463	2635	24105	16480	2702	2788	21970
1987/88	23398	2726	2016	28140	19127	2782	2844	24753
1988/89	26054	2975	2273	31302	20873	2869	3079	26821
1989/90	29572	3240	3573	36385	24183	3067	3977	31227
1990/91	30153	3509	3318	36980	23887	3619	3779	31285
1991/92	32693	3975	3748	40416	22628	3862	4027	30517
1992/93	31121	5867	2146	39134	22855	4966	2373	30194
1993/94	32528	5881	2277	40686	24301	5474	2351	32126
1994/95	31205	6712	2619	40536	23512	5457	1944	30913
1995/96	31611	7043	2770	41424	23913	6633	2806	33352
1996/97	31449	7335	2713	41497	24073	7375	2736	34184
1997/98	30849	7138	2654	40641	28099	7101	3126	38326
1998/99	33727	7621	2993	44341	28338	8749	3050	40137
1999/00	32930	7712	2682	43324	27478	8077	3227	38782
2000/01	33646	8269	3226	45141	25148	8559	3777	37484
2001/02	34534	8779	3356	46669	31089	11798	5048	47935
2002/03	33939	8892	3403	46234	30758	11428	5486	47672
2003/04	33751	13788	4491	52030	32471	9945	4291	46707
2004/05	35623	11381	3345	50349	24099	12737	3922	40758
2005/06	34773	9881	6957	51611	25670	9352	6348	41370
2006/07	35395	10433	4345	50173	26711	8998	4841	40550
2007/08	36251	11158	4941	52350	26969	8876	5081	40926

Annex 64: Growth in Students' Enrollments by Level of Education

Year	Morang				Sunsari			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	21026	10150	3325	34501	16087	6861	3301	26249
1977/78	26607	11818	4043	42468	18910	8838	3588	31336
1978/79	31810	13727	5099	50636	20474	9895	4127	34496
1979/80	33252	16585	6269	56106	23130	11732	4566	39428
1980/81	47472	7721	7446	62639	32173	5022	5518	42713
1981/82	51674	8597	8481	68752	32888	5621	6253	44762
1982/83	54069	9950	9645	73664	36488	6440	7101	50029
1983/84	60044	11110	11222	82376	37148	6793	7299	51240
1984/85	63156	11485	12665	87306	39401	6872	7781	54054
1985/86	65269	11736	13119	90124	38787	6638	8154	53579
1986/87	70656	13108	15104	98868	45767	7371	8934	62072
1987/88	76001	15248	16957	108206	42987	8098	9944	61029
1988/89	93010	15364	18208	126582	55277	8701	10554	74532
1989/90	98119	15857	20221	134197	54512	8115	10312	72939
1990/91	99641	16329	17926	133896	56299	9426	10494	76219
1991/92	122516	21484	19289	163289	63572	10712	10299	84583
1992/93	118485	28640	12023	159148	60736	14769	7583	83088
1993/94	108685	28964	13085	150734	66781	15359	6858	88998
1994/95	119489	30243	13358	163090	72250	20056	10027	102333
1995/96	125092	33208	15889	174189	72306	20325	10370	103001
1996/97	122231	34975	16406	173612	76094	22277	10864	109235
1997/98	130294	37672	17730	185696	77867	23366	12145	113378
1998/99	137699	39550	18612	195861	87402	26089	13281	126772
1999/00	116229	44361	15892	176482	80036	25030	11524	116590
2000/01	116720	41075	19904	177699	71134	26727	12960	110821
2001/02	137468	43831	22102	203401	81018	29930	15109	126057
2002/03	138899	46937	30590	216426	83570	31243	16144	130957
2003/04	124745	51157	24938	200840	86263	32668	17316	136247
2004/05	178642	55363	32017	266022	115145	38980	24467	178592
2005/06	148668	50541	26444	225653	105260	33648	23135	162043
2006/07	145877	51616	26936	224429	99829	34417	18897	153143
2007/08	150922	49198	25235	225355	110903	37114	20389	168406

Annex 65: Growth in Students' Enrollments by Level of Education

Year	Koshi Hills				Koshi Tarai			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	35498	9926	3496	48920	37113	17011	6626	60750
1977/78	39128	11607	3720	54455	45517	20656	7631	73804
1978/79	42958	14683	3895	61536	52284	23622	9226	85132
1979/80	45398	16277	4447	66122	56382	28317	10835	95534
1980/81	61458	7062	5551	74071	79645	12743	12964	105352
1981/82	62996	7970	6703	77669	84562	14218	14734	113514
1982/83	67783	8508	7789	84080	90557	16390	16746	123693
1983/84	73424	9983	8612	92019	97192	17903	18521	133616
1984/85	77485	10988	9110	97583	102557	18357	20446	141360
1985/86	75137	10312	10081	95530	104056	18374	21273	143703
1986/87	84790	12124	11608	108522	116423	20479	24038	160940
1987/88	91403	12338	10752	114493	118988	23346	26901	169235
1988/89	102406	13073	12165	127644	148287	24065	28762	201114
1989/90	115362	14190	15276	144828	152631	23972	30533	207136
1990/91	117325	15851	15429	148605	155940	25755	28420	210115
1991/92	125238	17144	15647	158029	186088	32196	29588	247872
1992/93	121785	23728	9087	154600	179221	43409	19606	242236
1993/94	128325	26546	10190	165061	175466	44323	19943	239732
1994/95	125874	28960	10766	165600	191739	50299	23385	265423
1995/96	126990	32325	12610	171925	197398	53533	26259	277190
1996/97	123986	33183	12322	169491	198325	57252	27270	282847
1997/98	131006	34122	12812	177940	208161	61038	29875	299074
1998/99	139310	39736	14201	193247	225101	65639	31893	322633
1999/00	138670	37674	14793	191137	196265	69391	27416	293072
2000/01	134740	42031	16328	193099	187854	67802	32864	288520
2001/02	129616	41740	17415	188771	218486	73761	37211	329458
2002/03	129875	42313	17983	190171	222469	78180	46734	347383
2003/04	130714	54762	21178	206654	211008	83825	42254	337087
2004/05	134662	47491	19131	201284	293787	94343	56484	444614
2005/06	135442	45798	24051	205291	253928	84189	49579	387696
2006/07	135982	47006	21219	204207	245706	86033	45833	377572
2007/08	136598	48168	23380	208146	261825	86312	45624	393761

Annex 66: Growth in Students' Enrollments by Level of Education

Year	Ilam				Khotang			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	13566	3119	821	17506	10986	2292	777	14055
1977/78	14172	3964	823	18959	12517	3001	1010	16528
1978/79	19770	4948	876	25594	14289	3820	994	19103
1979/80	15819	4996	1039	21854	13069	4429	1117	18615
1980/81	20756	2215	1357	24328	18210	2218	1492	21920
1981/82	24719	2689	1889	29297	18764	2405	1855	23024
1982/83	25083	3038	2436	30557	19434	2517	2133	24084
1983/84	25992	2933	1846	30771	20204	2693	2119	25016
1984/85	28303	3266	2340	33909	19881	2729	2681	25291
1985/86	30494	3470	2733	36697	24248	3390	3012	30650
1986/87	32368	3539	2807	38714	24106	3496	3353	30955
1987/88	35486	4033	3909	43428	27190	3859	3964	35013
1988/89	39337	4948	3948	48233	34532	4291	4378	43201
1989/90	44683	4597	3769	53049	38927	4396	4636	47959
1990/91	47883	5391	7688	60962	39484	4679	4671	48834
1991/92	50012	5970	3684	59666	41473	5467	4959	51899
1992/93	51539	8752	3302	63593	39654	7984	3182	50820
1993/94	54935	12196	5083	72214	44071	8479	3261	55811
1994/95	55053	11007	3606	69666	45465	9805	3376	58646
1995/96	55484	12734	4479	72697	45520	10760	4691	60971
1996/97	60064	13078	4060	77202	42835	13502	5083	61420
1997/98	59368	16699	5885	81952	45501	12242	6514	64257
1998/99	60986	17333	6421	84740	50988	12594	5710	69292
1999/00	46675	13506	4003	64184	53311	13173	6038	72522
2000/01	57118	18970	6947	83035	49864	13956	7070	70890
2001/02	55407	20610	8806	84823	30749	8639	4064	43452
2002/03	54280	21897	7067	83244	30096	8970	3844	42910
2003/04	51500	24338	8506	84344	31056	18583	8950	58589
2004/05	65421	27740	14118	107279	48639	10930	9319	68888
2005/06	49463	17788	7957	75208	56698	8864	3284	68846
2006/07	50189	23428	9252	82869	40265	15876	6852	62993
2007/08	49285	22901	10337	82523	62204	16211	8435	86850

Annex 67: Growth in Students' Enrollments by Level of Education

Year	Koshi Zone				Nepal			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	72,611	26,937	10,122	109,670	769049	226639	82158	1077846
1977/78	84,645	32,263	11,351	128,259	875494	276580	93651	1245725
1978/79	95,242	38,305	13,121	146,668	1012530	342929	106109	1461568
1979/80	101,780	44,594	15,282	161,656	1067912	391427	121007	1580346
1980/81	141,103	19,805	18,515	179,423	1388001	169564	144331	1701896
1981/82	147,558	22,188	21,437	191,183	1474698	198723	170404	1843825
1982/83	158,340	24,898	24,535	207,773	1626437	219639	198446	2044522
1983/84	170,616	27,886	27,133	225,635	1747857	238928	216473	2203258
1984/85	180,042	29,345	29,556	238,943	1812098	254354	242467	2308919
1985/86	179,193	28,686	31,354	239,233	1857658	271244	268805	2397707
1986/87	201,213	32,603	35,646	269,462	1952504	289594	289923	2532021
1987/88	210,391	35,684	37,653	283,728	2110556	305409	307534	2723499
1988/89	250,693	37,138	40,927	328,758	2526147	325237	338779	3190163
1989/90	267,993	38,162	45,809	351,964	2788644	344118	364525	3497287
1990/91	273,265	41,606	43,849	358,720	2884875	378478	395330	3658683
1991/92	311,326	49,340	45,235	405,901	3034710	433428	421709	3889847
1992/93	301,006	67,137	28,693	396,836	3091684	637367	272747	4001798
1993/94	303,791	70,869	30,133	404,793	3191614	670102	274327	4136043
1994/95	317,613	79,259	34,151	431,023	3234165	722440	288845	4245450
1995/96	324,388	85,858	38,869	449,115	3447607	791502	329833	4568942
1996/97	322,311	90,435	39,592	452,338	3460756	828767	358634	4648157
1997/98	339,167	95,160	42,687	477,014	3526209	833831	372213	4732253
1998/99	364,411	105,375	46,094	515,880	3780314	915649	385079	5081042
1999/00	334,935	107,065	42,209	484,209	3623150	857446	372914	4853510
2000/01	322,594	109,833	49,192	481,619	3462506	1058448	448296	4969250
2001/02	348,102	115,501	54,626	518,229	3928684	1137101	480596	5546381
2002/03	352,344	120,493	64,717	537,554	4025692	1210059	511092	5746843
2003/04	341,722	138,587	63,432	543,741	4030045	1437796	580366	6048207
2004/05	428,449	141,834	75,615	645,898	4502697	1374897	587183	6464777
2005/06	389,370	129,987	73,630	592,987	4515059	1366275	658747	6540081
2006/07	381,688	133,039	67,052	581,779	4418713	1443515	671183	6533411
2007/08	398,423	134,480	69,004	601,907	4782313	1466862	715378	6964553

Annex 68: Growth in School Teachers by Level of Education

Year	Bhojpur				Dhankuta			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	369	118	58	545	317	145	39	501
1977/78	384	119	53	556	332	178	42	552
1978/79	394	118	53	565	332	178	38	548
1979/80	435	161	72	668	334	182	39	555
1980/81	430	162	71	663	382	212	43	637
1981/82	481	147	73	701	375	149	52	576
1982/83	560	159	82	801	458	118	42	618
1983/84	766	168	89	1023	544	131	60	735
1984/85	762	174	98	1034	623	138	67	828
1985/86	788	177	107	1072	700	146	91	937
1986/87	782	178	101	1061	702	152	100	954
1987/88	809	179	102	1090	739	145	78	962
1988/89	884	180	224	1288	703	148	82	933
1989/90	990	179	130	1299	834	152	91	1077
1990/91	990	179	143	1312	808	143	82	1033
1991/92	1018	179	127	1324	836	143	88	1067
1992/93	1018	179	122	1319	848	161	108	1117
1993/94	1031	192	147	1370	927	165	204	1296
1994/95	1034	192	136	1362	949	197	133	1279
1995/96	1043	197	145	1385	973	213	139	1325
1996/97	1052	202	147	1401	1000	211	156	1367
1997/98	1137	241	153	1531	991	230	158	1379
1998/99	1157	252	171	1580	1049	262	163	1474
1999/00	1152	265	174	1591	1114	268	184	1566
2000/01	1237	255	187	1679	1061	299	160	1520
2001/02	1230	246	175	1651	891	219	152	1262
2002/03	1263	258	178	1699	899	217	152	1268

Annex 69: Growth in School Teachers by Level of Education

Year	Sankhuwasabha				Terhathum			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	322	90	26	438	251	135	39	425
1977/78	339	104	26	469	264	144	42	450
1978/79	367	108	28	503	253	119	44	416
1979/80	399	143	32	574	271	131	41	443
1980/81	398	132	28	558	341	142	43	526
1981/82	457	92	31	580	399	94	54	547
1982/83	512	122	45	679	445	102	58	605
1983/84	468	134	53	655	551	113	64	728
1984/85	637	141	63	841	602	117	71	790
1985/86	621	125	71	817	607	118	67	792
1986/87	659	142	77	878	665	122	79	866
1987/88	734	166	91	991	663	120	76	859
1988/89	819	145	96	1060	660	124	69	853
1989/90	918	140	104	1162	705	130	95	930
1990/91	934	140	112	1186	692	119	96	907
1991/92	955	141	108	1204	700	121	90	911
1992/93	965	145	116	1226	720	120	88	928
1993/94	986	148	118	1252	706	164	111	981
1994/95	972	173	114	1259	729	184	112	1025
1995/96	1051	177	136	1364	755	183	127	1065
1996/97	1131	184	141	1456	818	207	131	1156
1997/98	1123	183	147	1453	822	227	141	1190
1998/99	1154	184	144	1482	796	224	137	1157
1999/00	1018	214	155	1387	820	221	139	1180
2000/01	1108	221	150	1479	850	230	138	1218
2001/02	1103	183	139	1425	1129	282	175	1586
2002/03	1108	179	142	1429	1106	282	175	1563

Annex 70: Growth in School Teachers by Level of Education

Year	Morang				Sunsari			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	618	339	131	1088	475	233	129	837
1977/78	664	349	135	1148	483	252	136	871
1978/79	698	365	150	1213	504	326	154	984
1979/80	713	376	163	1252	526	346	162	1034
1980/81	728	403	177	1308	559	340	174	1073
1981/82	876	282	186	1344	555	357	168	1080
1982/83	934	299	195	1428	796	210	176	1182
1983/84	1051	310	207	1568	888	229	209	1326
1984/85	1136	335	219	1690	957	236	227	1420
1985/86	1347	379	355	2081	952	222	181	1355
1986/87	1571	379	328	2278	1003	219	226	1448
1987/88	1580	433	312	2325	1023	271	249	1543
1988/89	1669	425	341	2435	1234	281	270	1785
1989/90	1863	427	420	2710	1224	219	262	1705
1990/91	1967	363	363	2693	1322	257	317	1896
1991/92	2065	349	334	2748	1378	284	284	1946
1992/93	2462	398	412	3272	1222	219	240	1681
1993/94	2565	664	453	3682	1254	256	245	1755
1994/95	3211	828	732	4771	1518	401	315	2234
1995/96	3271	932	883	5086	1666	564	357	2587
1996/97	2944	971	757	4672	1882	577	429	2888
1997/98	3202	1033	618	4853	2040	621	460	3121
1998/99	3142	1063	634	4839	1939	616	549	3104
1999/00	2889	949	651	4489	1820	619	469	2908
2000/01	2735	853	542	4130	1398	496	344	2238
2001/02	3028	942	793	4763	2137	655	525	3317
2002/03	3139	1022	793	4954	2148	740	537	3425

Annex 71: Growth in School Teachers by Level of Education

Year	Koshi Hills				Koshi Tarai			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	1259	488	162	1909	1093	572	260	1925
1977/78	1319	545	163	2027	1147	601	271	2019
1978/79	1346	523	163	2032	1202	691	304	2197
1979/80	1439	617	184	2240	1239	722	325	2286
1980/81	1551	648	185	2384	1287	743	351	2381
1981/82	1712	482	210	2404	1431	639	354	2424
1982/83	1975	501	227	2703	1730	509	371	2610
1983/84	2329	546	266	3141	1939	539	416	2894
1984/85	2624	570	299	3493	2093	571	446	3110
1985/86	2716	566	336	3618	2299	601	536	3436
1986/87	2808	594	357	3759	2574	598	554	3726
1987/88	2945	610	347	3902	2603	704	561	3868
1988/89	3066	597	471	4134	2903	706	611	4220
1989/90	3447	601	420	4468	3087	646	682	4415
1990/91	3424	581	433	4438	3289	620	680	4589
1991/92	3509	584	413	4506	3443	633	618	4694
1992/93	3551	605	434	4590	3684	617	652	4953
1993/94	3650	669	580	4899	3819	920	698	5437
1994/95	3684	746	495	4925	4729	1229	1047	7005
1995/96	3822	770	547	5139	4937	1496	1240	7673
1996/97	4001	804	575	5380	4826	1548	1186	7560
1997/98	4073	881	599	5553	5242	1654	1078	7974
1998/99	4156	922	615	5693	5081	1679	1183	7943
1999/00	4104	968	652	5724	4709	1568	1120	7397
2000/01	4256	1005	635	5896	4133	1349	886	6368
2001/02	4353	930	641	5924	5165	1597	1318	8080
2002/03	4376	936	647	5959	5287	1762	1330	8379

Annex 72: Growth in School Teachers by Level of Education

Year	Ilam				Khotang			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	413	106	33	552	493	84	33	610
1977/78	446	125	39	610	349	124	34	507
1978/79	491	135	47	673	358	97	36	491
1979/80	520	177	53	750	410	75	49	534
1980/81	534	188	54	776	351	159	49	559
1981/82	535	189	58	782	416	124	53	593
1982/83	694	155	63	912	532	143	67	742
1983/84	851	160	72	1083	677	155	36	868
1984/85	936	166	77	1179	758	162	79	999
1985/86	993	159	77	1229	775	162	82	1019
1986/87	987	160	78	1225	795	164	80	1039
1987/88	1014	162	95	1271	840	170	91	1101
1988/89	1040	179	102	1321	924	169	93	1186
1989/90	1234	164	98	1496	1034	167	106	1307
1990/91	1286	177	136	1599	1037	167	121	1325
1991/92	1316	182	110	1608	1092	163	123	1378
1992/93	1231	176	121	1528	1097	165	119	1381
1993/94	1416	314	195	1925	1072	171	110	1353
1994/95	1378	210	160	1748	1117	185	137	1439
1995/96	1411	221	162	1794	1160	246	159	1565
1996/97	1385	278	184	1847	1188	257	159	1604
1997/98	1376	243	163	1782	1279	284	164	1727
1998/99	1386	255	167	1808	1170	206	135	1511
1999/00	1355	320	202	1877	1419	347	195	1961
2000/01	1620	403	202	2225	1328	325	191	1844
2001/02	1687	301	255	2243	980	213	110	1303
2002/03	1715	365	281	2361	959	229	114	1302

Annex 73: Growth in School Teachers by Level of Education

Year	Koshi Zone				Nepal			
	Primary	Lower Secondary	Secondary	Total	Primary	Lower Secondary	Secondary	Total
1976/77	2,352	1,060	422	3,834	23395	8774	3665	35834
1977/78	2,466	1,146	434	4,046	24652	9416	3948	38016
1978/79	2,548	1,214	467	4,229	26384	10536	4265	41185
1979/80	2,678	1,339	509	4,526	27805	11693	4683	44181
1980/81	2,838	1,391	536	4,765	29134	12245	4909	46288
1981/82	3,143	1,121	564	4,828	32259	10820	5634	48713
1982/83	3,705	1,010	598	5,313	38131	10146	5764	54041
1983/84	4,268	1,085	682	6,035	46484	10602	6467	63553
1984/85	4,717	1,141	745	6,603	51266	11120	7242	69628
1985/86	5,015	1,167	872	7,054	53405	12529	9256	75190
1986/87	5,382	1,192	911	7,485	55207	11744	8918	75869
1987/88	5,548	1,314	908	7,770	57204	11989	9143	78336
1988/89	5,969	1,303	1,082	8,354	63945	12245	10207	86397
1989/90	6,534	1,247	1,102	8,883	71213	12399	10421	94033
1990/91	6,713	1,201	1,113	9,027	74495	13005	11627	99127
1991/92	6,952	1,217	1,031	9,200	77948	13225	12132	103305
1992/93	7,235	1,222	1,086	9,543	79590	13647	12656	105893
1993/94	7,469	1,589	1,278	10,336	81550	15403	13820	110773
1994/95	8,413	1,975	1,542	11,930	82605	16506	14085	113196
1995/96	8,759	2,266	1,787	12,812	89378	19453	16423	125254
1996/97	8,827	2,352	1,761	12,940	91464	20326	16494	128284
1997/98	9,315	2,535	1,677	13,527	90411	21634	16361	128406
1998/99	9,237	2,601	1,798	13,636	99382	24696	19185	143263
1999/00	8,813	2,536	1,772	13,121	97879	25375	19498	142752
2000/01	8,389	2,354	1,521	12,264	96659	26678	18846	142183
2001/02	9,518	2,527	1,959	14,004	110173	28160	22753	161086
2002/03	9,663	2,698	1,977	14,338	112360	29895	23297	165552

Annex 74: Total Population (6 years of age and above)

Areas	Both sex				Male				Female			
	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	1609 66	15994 8	16451 7	17464 3	7851 4	8063 7	7883 6	8351 2	8245 2	7931 1	8568 1	9113 1
Dhankuta	8934 2	10732 9	12189 2	14334 2	4413 6	5495 0	5964 9	7035 7	4520 6	5237 9	6224 3	7298 5
Sankhuwa sabha	9553 7	10858 6	11718 2	13596 4	4688 5	5485 6	5708 2	6615 6	4865 2	5373 0	6010 0	6980 8
Terhathum	9922 9	77090	84990	97445	4896 5	3817 6	4120 4	4694 3	5026 4	3891 4	4378 6	5050 2
Koshi Hills	4450 74	45295 3	48858 1	55139 4	2185 00	2286 19	2367 71	2669 68	2265 74	2243 34	2518 10	2844 26
Morang	2411 01	43453 4	56452 2	72843 6	1284 57	2285 09	2868 21	3646 76	1126 44	2060 25	2777 01	3637 60
Sunsari	1794 93	28080 4	38292 2	53375 7	9366 5	1466 41	1931 04	2685 26	8582 8	1341 63	1898 18	2652 31
Koshi Tarai	4205 94	71533 8	94744 4	12621 93	2221 22	3751 50	4799 25	6332 02	1984 72	3401 88	4675 19	6289 91
Koshi Zone	8656 68	11682 91	14360 25	18135 87	4406 22	6037 69	7166 96	9001 70	4250 46	5645 22	7193 29	9134 17
Ilam	1154 05	14707 7	18800 2	24577 8	5835 3	7625 2	9449 4	1238 72	5705 2	7082 5	9350 8	1219 06
Khotang	1344 96	17878 5	17609 0	19439 7	6582 8	9015 8	8446 2	9388 4	6866 8	8862 7	9162 8	1005 13
Nepal	9453 846	12179 688	15145 071	19255 804	4791 358	6232 972	7522 617	9592 570	4662 488	5946 716	7622 454	9663 234

Annex 75: Literate Population (6 years of age and above)

Areas	Both sex				Male				Female			
	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	19498	37884	68239	95216	17077	28918	46042	54981	2421	8966	22197	40235
Dhankuta	14372	33517	59693	91709	12246	26048	39149	52201	2126	7469	20544	39508
Sankhuwasabha	12670	29847	56351	73092	11037	22851	37031	41914	1633	6996	19320	31178
Terhathum	16834	26050	47085	57516	14697	20131	30724	33353	2137	5919	16361	24163
Koshi Hills	63374	127298	231368	317533	55057	97948	152946	182449	8317	29350	78422	135084
Morang	48340	132543	274550	413279	38866	92197	177374	243738	9474	40346	97176	169541
Sunsari	34996	86393	170378	322306	27185	62980	113792	189682	7811	23413	56586	132624
Koshi Tarai	83336	218936	444928	735585	66051	155177	291166	433420	17285	63759	153762	302165
Koshi Zone	146710	346234	676296	1053118	121108	253125	444112	615869	25602	93109	232184	437249
Ilam	19107	48578	98416	162774	15681	35132	62115	91784	3426	13446	36301	70990
Khotang	15695	41014	70311	96951	14663	31930	48988	58310	1032	9084	21323	38641
Nepal	1312723	2833435	5958748	10348426	1130204	2117025	4073246	6242958	182519	716410	1885502	4105468

Annex 76: Synopsis of Donor Assisted Programmes and Projects

Project/Programme Name	Irrigation Programme of KHARDEP
Dates	1980-1985
Geographical Coverage	Bhojpur, Dhankuta, Terhathum and Sankhuwasabha
Sectors Covered	Irrigation
Project objectives	Assist Small farmers in the construction of simple traditional schemes
Target Group(s)	Inhabitants of Koshi Hills
Donor(s)	British Aid
Government Partner(s)	Village Panchayats, Department of Irrigation Hydrology and Meteorology
Total Costs	GBP 328,000
Project/Programme Name	Irrigation Sector Programme
Dates	1989-1996
Geographical Coverage	22 Districts (Eastern and Central Development Regions) Including Terhathum, Dhankuta, Bhojpur and Sankhuwasabha
Sectors Covered	Irrigation
Project objectives	Boost agriculture production through the development and improvement of new and existing FMIS
Target Group(s)	Farmers
Donor(s)	Asian Development Bank
Government Partner(s)	Department of Irrigation
Total Costs	US\$45.4 (ADB: US\$36.3 m)
Project/Programme Name	Second Irrigation Sector Programme
Dates	1996-2003
Geographical Coverage	35 Districts (Eastern and Central Development Regions) Including Terhathum, Dhankuta, Bhojpur and Sankhuwasabha
Sectors Covered	Irrigation
Project objectives	Increasing agriculture production of small farmers
Target Group(s)	Farmers
Donor(s)	Asian Development Bank
Government Partner(s)	Department of Irrigation
Total Costs	US\$29.6 m

Annex 77: Number and Area of Land Holdings

	Number of land holdings				Area of holdings (ha)			
	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	34958	32101	35735	37042	11770	17208	36099	33641
Dhankuta	17087	19692	24585	28374	8835	40723	27754	24801
Sankhuwasabha	19509	22442	25382	28227	12303	15329	22446	25201
Terhathum	19131	14012	17191	19293	9483	33331	26363	19412
Koshi Hills	90685	88247	102893	112936	42391	106591	112662	103054
Morang	33950	80283	77857	115162	86239	107695	110912	116524
Sunsari	24584	51122	43746	81680	70216	72109	64197	80411
Koshi Tarai	58534	131405	121603	196842	156455	179804	175109	196935
Koshi Zone	149219	219652	224496	309778	198846	286395	287771	299989
Ilam	23289	25684	37879	48490	16121	59986	54676	52890
Khotang	29400	35912	39435	41373	9059	9113	39600	33676
Nepal	1721176	2193956	2736050	3364139	1654022	2463717	2598971	2654037

Annex 78: Area of land holdings (ha) by tenure

	Total area				Owned				Rented				Other			
	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	11770	17208	36099	33641	10583	16972	34137	30408	1187	236	1962	3221			1	12
Dhankuta	8835	40723	27754	24801	7571	38586	25847	22501	1264	2137	1883	2281			24	18
Sankhuwasabha	12303	15329	22446	25201	10116	14642	20096	23480	2187	687	2320	1716			29	5
Terhathum	9483	33331	26363	19412	7130	31550	22971	16168	2354	1781	3389	3208			3	37
Koshi Hills	189362	253064	261408	280577	124504	230948	214252	214606	64858	22116	46073	64938			1083	1034
Morang	86239	107695	110912	116524	53081	100138	88014	82725	33157	7557	22583	33176			315	623
Sunsari	70216	72109	64197	80411	43153	60610	46158	55493	27063	11499	17325	24543			715	375
Koshi Tarai	156455	179804	175109	196935	96235	160748	134171	138218	60220	19056	39909	57719			1029	999
Koshi Zone	345817	432868	436517	477513	220739	391696	348423	352824	125078	41172	85982	122657			2112	2032
Ilam	16121	59986	54676	52890	13751	58651	52807	50550	2371	1335	1825	2242			45	98
Khotang	9059	9113	39600	33676	8699	8921	37472	33077	360	192	2025	595			104	5
Nepal	1654022	2463717	2598971	2654037	1329075	2139972	2363599	2417338	324947	35725	221221	230781		288020	14152	6230

Annex 79: Area of different Land use (ha)

	Total Agriculture land				Woodland and forest				All other land				Total area			
	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	10933	16711	34276	31837	92	41	435	548	745	456	1389	1256	11770	17208	36099	33641
Dhankuta	8271	39702	24473	23421	110	163	2320	593	454	858	961	787	8835	40723	27754	24801
Sankhu-wasabha	12182	15009	20951	23884	5	132	640	289	115	188	855	1028	12303	15329	22446	25201
Terhathum	9294	32345	21118	18454	29	217	4744	284	160	769	501	674	9483	33331	26363	19412
Koshi Hills	18765 2	250240	249564	275119	235	553	8139	1713	1474	2271	3705	3745	189362	253064	261408	280577
Morang	83542	102672	105700	111123	39	306	323	340	2657	4717	4889	5060	86239	107695	110912	116524
Sunsari	67109	66564	61535	76793	31	22	806	426	3076	5523	1856	3193	70216	72109	64197	80411
Koshi Tarai	15065 1	169236	167235	187916	70	328	1129	766	5734	10240	6745	8253	156455	179804	175109	196935
Koshi Zone	33830 4	419476	422011	463036	306	881	8945	2479	7208	12511	5561	11998	345817	432868	436517	477513
Ilam	15560	53843	44879	45053	409	5562	7209	5097	153	581	2589	2741	16121	59986	54676	52890
Khotang	8716	8204	32303	31481	52	63	2876	191	291	846	4422	2004	9059	9113	39600	33676
Nepal		235919 3	239394 3	249765 3		14975	108845	37221		89549	96183	119164	165402 2	246371 7	259897 1	265403 7

Annex 80: Number of holdings using improved seeds by crops

	Paddy				Maize				Wheat			
	Improved seeds		Improved and local seeds		Improved seeds		Improved and local seeds		Improved seeds		Improved and local seeds	
	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001
Bhojpur		399	63	3926	551	1553	275	6455	955	2196	147	1286
Dhankuta	30	728	488	85	209	1879	710	119	1064	626	784	17
Sankhuwasabha	90	1504	209	1620	343	3404	284	1768	403	1553	433	694
Terhathum	40	373	111	34	1070	926	586	90	1939	361	161	11
Koshi Hills	160	3004	871	5665	2173	7762	1855	8432	4361	4736	1525	2008
Morang	2983	14531	3239	13847	555	6667	1022	4445	5796	23705	1448	5812
Sunsari	6898	18213	9302	9779	553	5820	128	277	14711	21657	1043	1465
Koshi Tarai	9881	32744	12541	23626	1108	12487	1150	4722	20507	45362	2491	7277
Koshi Zone	10041	35748	13412	29291	3281	20249	3005	13154	24868	50098	4016	9285
Ilam	619	2361	310	394	333	1630	382	450	3425	2755	1380	225
Khotang		610	259	98	71	244	354	342	1955	707	189	195
Nepal	217063	322766	272181	300064	119439	178210	102672	145264	380793	417155	121596	162991

Annex 81: Number of holdings using improved seeds by crops (contd...)

	Potato				Sugarcane				Vegetable				Other crops			
	Improved seeds		Improved and local seeds		Improved seeds		Improved and local seeds		Improved seeds		Improved and local seeds		Improved seeds		Improved and local seeds	
	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001
Bhojpur	63	111	0	510					106	1020		909		89		177
Dhankuta		457	459	85					400	931	179	542	15	203	548	102
Sankhu-wasabha	60	810	45	380					179	231	165	297		99		
Terhathum		68	50	23					50	406	30	23	30	147	40	34
Koshi Hills	123	1446	554	998					735	2588	374	1771	45	538	588	313
Morang	1577	7978	86	798	43	285			980	8832	215	3932	896	2564	214	1425
Sunsari	1958	7562	192	475	192	158		40	2702	3643	6108	4712	873	2574	3661	2257
Koshi Tarai	3535	15540	278	1273	235	443		40	3682	12475	6323	8644	1769	5138	3875	3682
Koshi Zone	3658	16986	832	2271	235	443		40	4417	15063	6697	10415	1814	5676	4463	3995
Ilam	618	1068	642	225					618	478	1737	112	1452	675	500	84
Khotang	24	24	48	73					95		308			49	24	
Nepal	95180	163215	36714	58974	20828	23037	5467	3686	68086	161889	78937	130764	36878	61738	69422	64168

Annex 82: Number of Holdings using Fertilizers by Crops

	Total			Paddy								
				Fertilizers used								
				Local fertilizer			Mineral/chemical fertilizer			Both		
1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	
Bhojpur	32101	35735	37042	7177	14502	16347	166	976	2152	0	2314	7541
Dhankuta	19692	24585	28374	3851	10585	7245	260	282	948	0	1923	5366
Sankhuwasabha	22442	25382	28227	11597	16340	18393	604	285	1273	0	2046	4380
Terhathum	14013	17191	19293	2010	10950	6480	268	301	1152	0	2258	6480
Koshi Hills	88248	102893	112936	24635	52377	48465	1298	1844	5525	0	8541	23767
Morang	80283	77857	115162	20472	42659	32366	3052	6096	33677	0	6945	42281
Sunsari	51122	43746	81680	952	17457	15243	3022	8473	29061	0	9579	28229
Koshi Tarai	131405	121603	196842	21424	60116	47609	6074	14569	62738	0	16524	70510
Koshi Zone	219653	224496	309778	46059	112493	96074	7372	16413	68263	0	25065	94277
Ilam	25684	37879	48490	5040	19168	19762	1128	1213	1687	0	0	5678
Khotang	35912	39435	41373	5459	23129	22833	1102	660	878	0	1012	3610
Nepal	1685551	2736050	3364139	692735	1137227	1031231	163604	242337	525066	0	752300	1277381

Annex 83: Number of Holdings using Fertilizers by Crops (contd...)

	Paddy																	
	Irrigated and fertilizers used									Non-irrigated and fertilizers used								
	Local fertilizer			Mineral/chemical fertilizer			Both			Local fertilizer			Mineral/chemical fertilizer			Both		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	6763	9789	9626	133	573	1309	0	1636	5279	414	4713	6721	33	403	843	0	678	2262
Dhankuta	3425	7984	5180	234	207	694	0	1317	4740	426	2601	2065	26	75	254	0	606	626
Sankhu-wasabha	9423	14698	13419	210	105	777	0	1672	3355	2174	1642	4974	394	180	496	0	374	1025
Terhathum	1691	7681	5701	263	191	813	0	1836	5498	319	3269	779	5	110	339	0	422	982
Koshi Hills	21302	40152	33926	840	1076	3593	0	6461	18872	3333	12225	14539	458	768	1932	0	2080	4895
Morang	10666	26337	20172	2606	3496	22793	0	3365	26212	9806	16322	12194	446	2600	10884	0	3580	16069
Sunsari	0	9877	11917	2599	5174	22766	0	6642	20192	952	7580	3326	423	3299	6295	0	2937	8037
Koshi Tarai	10666	36214	32089	5205	8670	45559	0	10007	46404	10758	23902	15520	869	5899	17179	0	6517	24106
Koshi Zone	31968	76366	66015	6045	9746	49152	0	16468	65276	14091	36127	30059	1327	6667	19111	0	8597	29001
Ilam	5035	10606	12734	1128	48	1293	0	0	3598	5	8562	7028	0	1165	394	0	0	2080
Khotang	5244	20799	14563	1102	330	463	0	917	2659	215	2330	8270	0	330	415	0	95	951
Nepal	345612	613112	627184	111006	92395	297952		419959	893517	347123	524115	404047	52598	149942	227114		332341	383864

Annex 84: Number of Holdings using Fertilizers by Crops (contd...)

	Maize											
	Fertilizers used											
	Total Fertilizers used			Local fertilizer			Mineral/chemical fertilizer			Both		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	35	34208	40014	0	26205	22758	35	870	3016	0	7133	14240
Dhankuta	10248	23675	28594	10147	19267	19690	101	193	948	0	4215	7956
Sankhuwasabha	7140	24713	30905	7099	21952	24377	41	493	1636	0	2268	4892
Terhathum	8003	17289	19914	7950	11508	8331	53	412	1197	0	5369	10386
Koshi Hills	25426	99885	119427	25196	78932	75156	230	1968	6797	0	18985	37474
Morang	2073	28810	52765	1750	26933	38634	323	769	6040	0	1108	8091
Sunsari	135	11046	22846	45	10260	13581	90	447	3524	0	339	5741
Koshi Tarai	2208	39856	75611	1795	37193	52215	413	1216	9564	0	1447	13832
Koshi Zone	27634	139741	195038	26991	116125	127371	643	3184	16361	0	20432	51306
Ilam	9697	33100	52258	9610	28843	37837	87	3994	2558	0	263	11863
Khotang	12131	38924	42464	11881	36308	36658	250	401	1171	0	2215	4635
Nepal	716145	1922946	2281797	672991	1500098	1468727	43154	59836	148284	0	363012	664786

Annex 85: Number of Holdings using Fertilizers by Crops (contd...)

	Maize																	
	Irrigated and fertilizers used									Unirrigated and fertilizers used								
	Local fertilizer			Mineral/chemical fertilizer			Both			Local fertilizer			Mineral/chemical fertilizer			Both		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	0	2507	5878	35	191	421	0	763	2018	0	23698	16880	0	679	2595	0	6370	12222
Dhankuta	823	1140	2032	18	30	322	0	562	846	9324	18127	17658	83	163	626	0	3653	7110
Sankhu- wasabha	1776	1224	6776	0	0	578	0	150	744	5323	20728	17601	41	493	1058	0	2118	4148
Terhathum	482	969	2280	3	30	192	0	191	677	7468	10539	6051	50	382	1005	0	5178	9709
Koshi Hills	3081	5840	16966	56	251	1513	0	1666	4285	22115	73092	58190	174	1717	5284	0	17319	33189
Morang	656	7287	19203	200	299	3248	0	384	5869	1094	19646	19431	123	470	2792	0	724	2222
Sunsari	0	5108	7523	45	341	1584	0	233	2851	45	5152	6058	45	106	1940	0	106	2890
Koshi Tarai	656	12395	26726	245	640	4832	0	617	8720	1139	24798	25489	168	576	4732	0	830	5112
Koshi Zone	3737	18235	43692	301	891	6345	0	2283	13005	23254	97890	83679	342	2293	10016	0	18149	38301
Ilam	722	928	15967	32	0	703	0	0	2193	8888	27915	21870	55	3994	1855	0	263	9670
Khotang	859	1908	6165	0	48	317	0	449	707	11022	34400	30493	250	353	854	0	1766	3928
Nepal	77650	183738	348364	14924	10632	51715		51031	170404	595341	1316360	1120363	28230	49204	96569		311981	494382

Annex 86: Number of Holdings using Fertilizers by Crops (contd...)

	Wheat											
	Fertilizers used											
	Total Fertilizers used			Local fertilizer			Mineral/chemical fertilizer			Both		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	2306	8257	10293	1831	4862	6300	475	530	1021	0	2865	2972
Dhankuta	784	6450	5722	599	2381	1744	185	358	237	0	3711	3741
Sankhuwasabha	1182	10850	10644	1165	6192	9123	17	1225	628	0	3433	893
Terhathum	250	7114	7191	227	3523	3680	23	472	226	0	3119	3285
Koshi Hills	4522	32671	33850	3822	16958	20847	700	2585	2112	0	13128	10891
Morang	8840	32301	73223	4042	11252	9516	4798	12102	29517	0	8947	34190
Sunsari	2620	29291	52183	120	5493	4513	2500	18050	30368	0	5748	17302
Koshi Tarai	11460	61592	125406	4162	16745	14029	7298	30152	59885	0	14695	51492
Koshi Zone	15982	94263	159256	7984	33703	34876	7998	32737	61997	0	27823	62383
Ilam	1478	13749	11890	1189	11368	6184	289	1167	534	0	1214	5172
Khotang	1985	17392	13565	1859	14237	9734	126	1082	440	0	2073	3391
Nepal	535185	1725251	2187781	360740	867812	942254	174445	273964	399541	0	583475	845986

Annex 87: Number of Holdings using Fertilizers by Crops (contd...)

	Wheat																	
	Irrigated and fertilizers used									Unirrigated and fertilizers used								
	Local fertilizer			Mineral/chemical fertilizer			Both			Local fertilizer			Mineral/chemical fertilizer			Both		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	1785	1763	4392	475	255	710	0	2144	2307	46	3099	1908	0	275	311	0	721	665
Dhankuta	553	1006	1253	157	224	152	0	2677	3267	46	1375	491	28	134	85	0	1034	474
Sankhu-wasabha	464	1806	5041	13	478	397	0	2537	364	701	4386	4082	4	747	231	0	896	529
Terhathum	164	1575	2100	23	130	68	0	2574	2427	63	1948	1580	0	342	158	0	545	858
Koshi Hills	2966	6150	12786	668	1087	1327	0	9932	8365	856	10808	8061	32	1498	785	0	3196	2526
Morang	1133	7033	6553	2519	8310	22451	0	5155	23591	2909	4219	2963	2279	3792	7066	0	3792	10599
Sunsari	0	2195	3959	1160	11537	25894	0	4321	12551	120	3298	554	1340	6513	4474	0	1427	4751
Koshi Tarai	1133	9228	10512	3679	19847	48345	0	9476	36142	3029	7517	3517	3619	10305	11540	0	5219	15350
Koshi Zone	4099	15378	23298	4347	20934	49672	0	19408	44507	3885	18325	11578	3651	11803	12325	0	8415	17876
Ilam	355	4520	4413	167	24	225	0	999	3120	834	6848	1771	122	1143	309	0	215	2052
Khotang	1425	7319	5489	126	541	342	0	1812	2147	434	6918	4245	0	541	98	0	261	1244
Nepal	133035	222960	416063	114659	126591	248737		319295	561766	227705	644852	526191	59786	147373	150804		264180	284220

Annex 88: Number of Holdings using Fertilizers by Crops (contd...)

	Potato																	
	Irrigated and fertilizers used									Unirrigated and fertilizers used								
	Local fertilizer			Mineral/chemical fertilizer			Both			Local fertilizer			Mineral/chemical fertilizer			Both		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	0	1655	2928	0	42	44	0	253	754	798	6074	5612	0	42	67	0	615	399
Dhankuta	419	2660	2235	0	15	85	0	1036	1524	2772	4614	4402	62	59	169	0	947	846
Sankhu-wasabha	1391	2149	2562	64	15	50	0	612	347	4415	8207	6164	12	150	297	0	299	1339
Terhathum	169	878	1377	0	20	79	0	596	1219	754	5421	2563	7	130	169	0	1019	1253
Koshi Hills	1979	7342	9102	64	92	258	0	2497	3844	8739	24316	18741	81	381	702	0	2880	3837
Morang	85	4816	12194	55	469	3419	0	598	11283	212	9631	9915	3	555	2393	0	2516	4331
Sunsari	0	2172	5820	0	1340	3643	0	489	4910	0	3108	1900	0	512	2217	0	213	2653
Koshi Tarai	85	6988	18014	55	1809	7062	0	1087	16193	212	12739	11815	3	1067	4610	0	2729	6984
Koshi Zone	2064	14330	27116	119	1901	7320	0	3584	20037	8951	37055	30556	84	1448	5312	0	5609	10821
Ilam	113	2497	7281	0	0	1546	0	191	2221	5107	9321	8040	365	2972	1012	0	1618	6156
Khotang	832	3248	2122	0	0	73	0	95	268	6256	9388	7099	109	48	0	0	71	512
Nepal	18992	105801	157214	9346	17933	46193		81690	156969	106989	421071	363903	5441	42600	45951		82323	116214

Annex 89: Number of Holdings using Fertilizers by Crops (contd...)

	Sugarcane																	
	Irrigated and fertilizers used									Unirrigated and fertilizers used								
	Local fertilizer			Mineral/chemical fertilizer			Both			Local fertilizer			Mineral/chemical fertilizer			Both		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	213	0	22	0	0	0	0	0	0	0	63	0	0	0	0	0	0	0
Dhankuta	17	30	51	0	0	0	0	0	0	15	30	68	0	0	0	0	0	0
Sankhuwasabha	0	15	66	0	0	0	0	0	17	0	45	0	0	45	0	0	30	0
Terhathum	0	50	68	0	0	0	0	10	0	0	20	11	0	10	0	0	0	0
Koshi Hills	230	95	207	0	0	0	0	10	17	15	158	79	0	55	0	0	30	0
Morang	0	0	285	8	43	684	0	0	0	44	129	57	44	0	57	0	0	342
Sunsari	106	0	79	76	170	277	0	0	198	271	148	0	245	21	119	0	0	40
Koshi Tarai	106	0	364	84	213	961	0	0	198	315	277	57	289	21	176	0	0	382
Koshi Zone	336	95	571	84	213	961	0	10	215	330	435	136	289	76	176	0	30	382
Ilam	0	0	28	0	0	0	0	0	0	7	24	28	0	0	0	0	0	0
Khotang	0	142	98	0	0	0	0	0	0	59	354	0	0	0	0	0	0	0
Nepal	3570	5203	19188	3687	4860	9454		12893	21763	22839	24196	9473	4898	13239	11608		27841	21612

Annex 90: Number of Holdings using Fertilizers by Crops (contd...)

	Vegetable																	
	Irrigated and fertilizers used									Unirrigated and fertilizers used								
	Local fertilizer			Mineral/chemical fertilizer			Both			Local fertilizer			Mineral/chemical fertilizer			Both		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	0	276	1575	0	85	155	0	21	399	0	2230	2994	0	63	488	0	106	621
Dhankuta	0	2010	1981	0	0	85	0	253	1388	0	6446	5908	0	15	85	0	296	576
Sankhuwasabha	0	2851	777	0	0	66	0	90	149	0	11505	4677	0	209	116	0	344	463
Terhathum	0	182	3940	0	10	214	0	110	1016	0	1946	4617	0	20	237	0	130	756
Koshi Hills	0	5319	8273	0	95	520	0	474	2952	0	22127	18196	0	307	926	0	876	2416
Morang	0	6945	23306	0	256	2165	0	86	7294	0	15427	17779	0	512	1823	0	937	2393
Sunsari	0	10154	10255	0	1916	2534	0	1404	3167	0	12433	2732	0	1341	1386	0	765	752
Koshi Tarai	0	17099	33561	0	2172	4699	0	1490	10461	0	27860	20511	0	1853	3209	0	1702	3145
Koshi Zone	0	22418	41834	0	2267	5219	0	1964	13413	0	49987	38707	0	2160	4135	0	2578	5561
Ilam	0	927	1602	0	0	84	0	24	506	0	5327	2727	0	1095	141	0	192	506
Khotang	0	4095	1390	0	24	0	0	0	122	0	21837	2537	0	0	24	0	24	244
Nepal		119148	204197		13420	37592		39166	123833		516441	437856		32449	40332		55053	108687

Annex 91: Number of Holdings using Fertilizers by Crops (contd...)

	Other crops																	
	Irrigated and fertilizers used									Unirrigated and fertilizers used								
	Local fertilizer			Mineral/chemical fertilizer			Both			Local fertilizer			Mineral/chemical fertilizer			Both		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	0	3503	6011	0	63	155	0	63	488	0	25545	13619	0	64	421	0	445	1641
Dhankuta	0	1995	1354	0	0	34	0	134	237	0	19131	20062	0	15	119	0	340	660
Sankhuwasabha	0	2850	1107	0	15	17	0	120	50	0	21441	8395	0	60	33	0	60	165
Terhathum	0	998	2190	0	0	79	0	90	429	0	14041	11108	0	20	203	0	222	2235
Koshi Hills	0	9346	10662	0	78	285	0	407	1204	0	80158	53184	0	159	776	0	1067	4701
Morang	0	12359	26269	0	129	2393	0	426	3704	0	30174	24674	0	1620	2849	0	3153	1880
Sunsari	0	9240	23003	0	596	2692	0	1171	2930	0	19328	9938	0	639	792	0	574	2296
Koshi Tarai	0	21599	49272	0	725	5085	0	1597	6634	0	49502	34612	0	2259	3641	0	3727	4176
Koshi Zone	0	30945	59934	0	803	5370	0	2004	7838	0	129660	87796	0	2418	4417	0	4794	8877
Ilam	0	2140	2839	0	0	647	0	0	590	0	23874	8068	0	2425	309	0	120	3373
Khotang	0	1671	2635	0	0	24	0	0	24	0	35623	26517	0	0	0	0	0	24
Nepal		194660	282731		20600	63696		56836	122908		1678865	1009819		75415	112666		196145	234999

Annex 92: Area of Irrigated Holdings by Sources

	Irrigation area (ha)													
	Total Irrigated Area of Holdings		Tube well/ boring		Perennial		Seasonal		Pond/ well		Others		Mixed	
	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001
Bhojpur	8151	8752	18	26	3232	1988	4824	6532	16	133	59	72		
Dhankuta	6731	7151	33	56	3291	3281	3291	3554	8	57	109	203		
Sankhuwasabha	9828	12051	34	37	2653	1822	6061	9026	61	323	1019	55		789
Terhathum	7413	8495	12	20	1786	2418	4333	5530	85	164	1196	343		20
Koshi Hills	32123	36449	97	139	10963	9510	18509	24641	171	677	2384	673		809
Morang	63628	82835		17385		35689		22294		173		6765		529
Sunsari	41262	65766	13661	16661	5530	13200	16911	34781	157	139	5003	817		169
Koshi Tarai	41262	148600	13661	34046	5530	48889	16911	57074	157	312	5003	7581		698
Koshi Zone	73385	185049	13758	34185	16493	58399	35420	81715	328	989	7387	8254		1507
Ilam	9318	13343	108	9	2511	4932	5342	8022	11	127	1346	239		14
Khotang	8155	8209	3	68	2364	3016	5028	5010	230	51	530	65		0
Nepal	882595	1168349	99765	214870	245786	346778	436668	521299	25626	23866	74750	46929		14608

Annex 93: Paddy - Area

Year	Area (Hectare)											
	Bhojpur	Dhankuta	Sankhuwasa bha	Terhathu m	Koshi Hills	Morang	Sunsar i	Koshi Tarai	Koshi Zone	Ilam	Khotan g	Nepal
1976/77	6120	5050	7958	3750	22878	83453	46281	129734	152612	8920	1600	1261619
1977/78	6120	6830	8750	3750	25450	87600	46330	133930	159380	7140	1440	1264060
1978/79	6120	7660	8800	3750	26330	78430	50350	128780	155110	7500	1500	1262650
1979/80	5820	7660	8800	3750	26030	78430	50350	128780	154810	7500	1500	1254240
1980/81	6100	9220	8400	4000	27720	78400	50350	128750	156470	11470	1540	1275520
1981/82	6100	7750	8400	10760	33010	80470	46680	127150	160160	13170	1540	1296530
1982/83	5810	8060	8130	9010	31010	74570	42670	117240	148250	9900	1220	1264840
1983/84	5810	9070	8230	10780	33890	81670	45490	127160	161050	10120	1220	1334200
1984/85	10540	10050	11130	10550	42270	80000	50230	130230	172500	12440	1770	1376860
1985/86	10600	9400	11120	10860	41980	74830	48700	123530	165510	12450	2500	1391040
1986/87	10550	9300	11100	10550	41500	73430	45200	118630	160130	12400	2480	1333360
1987/88	13380	8900	11630	10590	44500	80070	54360	134430	178930	10670	13730	1423290
1988/89	13770	9800	13440	10460	47470	80400	56380	136780	184250	10700	14000	1450470
1989/90	12770	8330	12470	9100	42670	83000	56860	139860	182530	11630	13000	1432850
1990/91	12820	9250	11620	8350	42040	84400	57600	142000	184040	11640	12660	1455170
1991/92	12550	9610	11630	8150	41940	80180	51600	131780	173720	11820	12750	1411810
1992/93	12250	9310	11600	8150	41310	70150	43860	114010	155320	11720	12550	1262110
1993/94	17400	8261	9860	10500	46021	95980	58500	154480	200501	11700	11000	1450449
1994/95	14401	9221	9627	8892	42141	81555	48598	130153	172294	11493	9604	1368423

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1995/96	17196	9635	10110	11187	48128	91405	58500	149905	198033	12217	11312	1496790
1996/97	17290	9640	10460	11200	48590	92700	58500	151200	199790	12500	10960	1511230
1997/98	17300	9635	10460	11496	48891	92750	58500	151250	200141	13182	11285	1506340
1998/99	17350	9725	10480	11500	49055	92800	58600	151400	200455	13200	11300	1514210
1999/00	18330	9638	10700	11375	50043	95050	61775	156825	206868	13550	11733	1550990
2000/01	18805	9668	11000	11375	50848	95000	62000	157000	207848	13550	12043	1560044
2001/02	15129	7659	10180	8721	41689	85000	47850	132850	174539	12405	12051	1516980
2002/03	18918	9774	11780	11194	51666	94789	61715	156504	208170	13605	12050	1544660
2003/04	18918	9429	11780	11194	51321	94790	61430	156220	207541	13605	12050	1559436
2004/05	12300	9435	15496	10977	48208	98000	61116	159116	207324	14471	12059	1541729
2005/06	12300	9435	15496	10977	48208	98070	61140	159210	207418	14625	12099	1549447
2006/07	12030	8145	15037	9817	45029	81360	54942	136302	181331	12091	10899	1439525
2007/08	15361	8695	15932	10186	50174	88290	53600	141890	192064	12304	14899	1549262
2008/09	15361	8695	15932	10186	50174	88200	51158	139358	189532	13200	14899	1555940

Annex 94: Paddy -Production

Year	Production (Metric Ton)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	14660	12970	18319	8390	54339	142704	80991	223695	278034	23920	2560	2386272
1977/78	11750	10200	20150	7550	49650	158870	93131	252001	301651	19130	2300	2282430
1978/79	12240	15320	20260	7320	55140	129410	83080	212490	267630	20780	2420	2339280
1979/80	10400	16080	20260	6960	53700	139760	91390	231150	284850	18700	2420	2059930
1980/81	12250	18440	18480	8000	57170	141100	91500	232600	289770	27530	2500	2464310
1981/82	14640	19370	18480	17750	70240	152890	107360	260250	330490	30290	2380	2560080
1982/83	8950	13860	14310	14860	51980	119180	76820	196000	247980	15840	1240	1832620
1983/84	10460	20140	15870	16160	62630	156100	105490	261590	324220	20040	1840	2756980
1984/85	18990	20100	21270	16470	76830	149980	109850	259830	336660	27270	2670	2709430
1985/86	15900	18800	22240	16290	73230	154150	112980	267130	340360	24950	3750	2804490
1986/87	13780	18000	20500	14260	66540	139620	95110	234730	301270	21340	3670	2372020
1987/88	18900	17590	23530	15940	75960	169440	113850	283290	359250	18440	19590	2981780
1988/89	25040	20600	29110	20930	95680	191600	130540	322140	417820	21420	23720	3283210
1989/90	28470	17810	28090	18250	92620	202850	133620	336470	429090	23260	23580	3389670
1990/91	28590	22280	28560	18440	97870	200980	142600	343580	441450	23520	22450	3502160
1991/92	27780	22780	26930	18050	95540	194890	133210	328100	423640	23990	19880	3222540
1992/93	24500	19680	25520	16300	86000	161350	107020	268370	354370	21680	19200	2584900
1993/94	38240	18569	17880	23100	97789	243691	152100	395791	493580	20670	20620	3495589
1994/95	30000	17612	17100	16895	81607	171565	103020	274585	356192	20113	14407	2906184

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1995/96	37917	22279	18332	24540	103068	237379	156137	393516	496584	24250	20462	3578830
1996/97	38050	22280	19520	19670	99520	241940	163800	405740	505260	24750	18700	3710650
1997/98	37540	22160	18820	22790	101310	234680	158364	393044	494354	26900	19266	3640860
1998/99	48620	22830	19600	22830	113880	240280	159980	400260	514140	26995	24860	3709770
1999/00	44825	23131	21520	21097	110573	265887	180787	446674	557247	30274	25860	4030100
2000/01	46279	24268	22992	21100	114639	294500	185380	479880	594519	27000	27879	4216465
2001/02	32470	14197	18270	14243	79180	263741	130625	394366	473546	20851	24090	4164687
2002/03	45750	25556	24267	22579	118152	294435	195822	490257	608409	28800	27880	4132500
2003/04	45750	26645	24267	22579	119241	311250	191815	503065	622306	28800	27880	4455722
2004/05	29741	26663	34091	22349	112844	321832	190807	512639	625483	31966	29275	4289827
2005/06	29741	26663	28674	22349	107427	305740	189530	495270	602697	35538	26618	4209279
2006/07	29064	20750	25030	18500	93344	242476	164826	407302	500646	29500	23978	3680838
2007/08	36866	23042	28677	20372	108957	273699	166160	439859	548816	28299	33586	4299246
2008/09	36866	23770	28677	20372	109685	279912	141360	421272	530957	36300	33586	4523693

Annex 95: Paddy - Yield

Year	Yield (kg/hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	2395	2568	2302	2237	2375	1710	1750	1724	1822	2682	1600	1891
1977/78	1920	1493	2303	2013	1951	1814	2010	1882	1893	2679	1597	1806
1978/79	2000	2000	2302	1952	2094	1650	1650	1650	1725	2771	1613	1853
1979/80	1787	2099	2302	1856	2063	1782	1815	1795	1840	2493	1613	1642
1980/81	2008	2000	2200	2000	2062	1800	1817	1807	1852	2400	1623	1932
1981/82	2400	2499	2200	1650	2128	1900	2300	2047	2063	2300	1545	1975
1982/83	1540	1720	1760	1649	1676	1598	1800	1672	1673	1600	1016	1449
1983/84	1800	2221	1928	1499	1848	1911	2319	2057	2013	1980	1508	2066
1984/85	1802	2000	1911	1561	1818	1875	2187	1995	1952	2192	1508	1968
1985/86	1500	2000	2000	1500	1744	2060	2320	2162	2056	2004	1500	2016
1986/87	1306	1935	1847	1352	1603	1901	2104	1979	1881	1721	1480	1779
1987/88	1413	1976	2023	1505	1707	2116	2094	2107	2008	1728	1427	2095
1988/89	1818	2102	2166	2001	2016	2383	2315	2355	2268	2002	1694	2264
1989/90	2229	2138	2253	2005	2171	2444	2350	2406	2351	2000	1814	2366
1990/91	2230	2409	2458	2208	2328	2381	2476	2420	2399	2021	1773	2407
1991/92	2214	2370	2316	2215	2278	2431	2582	2490	2439	2030	1559	2283
1992/93	2000	2114	2200	2000	2082	2300	2440	2354	2282	1850	1530	2048
1993/94	2198	2248	1813	2200	2125	2539	2600	2562	2462	1767	1875	2410
1994/95	2083	1910	1776	1900	1937	2104	2120	2110	2067	1750	1500	2124

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1995/96	2205	2312	1813	2194	2142	2597	2669	2625	2508	1985	1809	2391
1996/97	2201	2311	1866	1756	2048	2610	2800	2683	2529	1980	1706	2455
1997/98	2170	2300	1799	1982	2072	2530	2707	2599	2470	2041	1707	2417
1998/99	2802	2348	1870	1985	2321	2589	2730	2644	2565	2045	2200	2450
1999/00	2445	2400	2011	1855	2210	2797	2927	2848	2694	2234	2204	2598
2000/01	2461	2510	2090	1855	2255	3100	2990	3057	2860	1993	2315	2703
2001/02	2146	1854	1795	1633	1899	3103	2730	2969	2713	1681	1999	2745
2002/03	2418	2615	2060	2017	2287	3106	3173	3133	2923	2117	2314	2675
2003/04	2418	2826	2060	2017	2323	3284	3122	3220	2998	2117	2314	2857
2004/05	2418	2826	2200	2036	2341	3284	3122	3222	3017	2209	2428	2782
2005/06	2418	2826	1850	2036	2228	3118	3100	3111	2906	2430	2200	2717
2006/07	2416	2548	1665	1884	2073	2980	3000	2988	2761	2440	2200	2557
2007/08	2400	2650	1800	2000	2172	3100	3100	3100	2857	2300	2254	2775
2008/09	2400	2734	1800	2000	2186	3174	2763	3023	2801	2750	2254	2907

Annex 96: Maize - Area

Year	Area (Hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	10200	9500	5650	6990	32340	5960	3914	9874	42214	8100	6000	445350
1977/78	10190	12820	5560	7000	35570	5620	4340	9960	45530	9000	6010	444980
1978/79	11000	12820	5560	6990	36370	6000	5970	11970	48340	9000	6000	454140
1979/80	9900	12820	5280	6640	34640	5400	5970	11370	46010	6300	5400	432340
1980/81	10640	15260	7870	6940	40710	6000	5980	11980	52690	8900	5850	457450
1981/82	11040	19230	7870	11970	50110	9040	4950	13990	64100	8900	5850	475490
1982/83	11040	21710	7870	11950	52570	12100	4350	16450	69020	5610	5400	510770
1983/84	11040	19230	8320	11950	50540	11340	6230	17570	68110	8510	5850	503770
1984/85	11830	22970	9750	12000	56550	8800	2200	11000	67550	15120	6120	578720
1985/86	12010	20150	9750	11970	53880	7500	2250	9750	63630	15220	8730	614680
1986/87	12000	20000	9850	12000	53850	8310	2900	11210	65060	15200	8740	626710
1987/88	15040	18650	9930	13000	56620	6790	3950	10740	67360	15250	15150	673810
1988/89	16430	19230	9600	16060	61320	9000	5000	14000	75320	15200	15000	721870
1989/90	16030	19150	9790	11400	56370	11060	5130	16190	72560	15400	14930	751170
1990/91	16030	19090	9970	12070	57160	12350	7230	19580	76740	15240	14840	757710
1991/92	16340	19000	9870	12090	57300	11680	7500	19180	76480	15300	15300	754090
1992/93	16400	16500	9970	12200	55070	13400	4740	18140	73210	16180	15350	775220
1993/94	16630	15801	8800	11500	52731	14000	3301	17301	70032	22500	17000	754099
1994/95	16700	16060	9112	12317	54189	14200	3600	17800	71989	22000	17010	771410
1995/96	18514	16666	9662	12439	57281	14250	4500	18750	76031	22450	17650	791700
1996/97	18600	17000	9600	11830	57030	14000	4500	18500	75530	22500	17690	793000
1997/98	18680	17060	10050	11675	57465	14000	4970	18970	76435	22630	17700	799060
1998/99	18700	17160	10050	11700	57610	14100	4970	19070	76680	22650	18000	802290

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1999/00	19680	20500	12587	11975	64742	14909	5500	20409	85151	23335	21606	819010
2000/01	20059	20600	11662	11675	63996	14100	5075	19175	83171	23480	22000	824525
2001/02	20078	19890	12587	11665	64220	14005	3000	17005	81225	24335	21606	825980
2002/03	20867	19890	12846	11675	65278	14100	5000	19100	84378	24500	22000	836190
2003/04	20867	19200	12846	11675	64588	14100	5000	19100	83688	24500	22000	834285
2004/05	20867	19985	12846	11675	65373	14925	5700	20625	85998	24500	22500	849892
2005/06	20867	19950	13087	11675	65579	15500	5700	21200	86779	22927	22500	850947
2006/07	20780	19973	13080	12000	65833	15000	5200	20200	86033	23470	22500	870401
2007/08	20857	19985	14672	12092	67606	15100	5660	20760	88366	23480	22580	870166
2008/09	20857	19985	14672	12092	67606	15170	7300	22470	90076	23480	22580	875428

Annex 97: Maize - Production

Year	Production (Metric Ton)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	17829	18646	10594	13720	60789	8940	5557	14497	75286	12720	9420	797339
1977/78	16020	13820	8340	11670	49850	8430	6160	14590	64440	13500	9440	740470
1978/79	17600	17950	8900	11180	55630	9000	8470	17470	73100	13500	9400	742590
1979/80	14080	17950	5340	10060	47430	8100	7620	15720	63150	8100	5640	575910
1980/81	16720	21360	12350	11000	61430	9540	9530	19070	80500	14350	8780	742940
1981/82	16560	26910	12350	18970	74790	14460	7920	22380	97170	16000	7020	751520
1982/83	9940	16670	12230	13280	52120	20550	7300	27850	79970	11050	5180	718240
1983/84	16560	25680	12490	18970	73700	20210	10990	31200	104900	15220	7020	761110
1984/85	17150	34550	19410	18030	89140	15250	4150	19400	108540	22690	7350	819850
1985/86	18120	30220	17540	17950	83830	11250	3370	14620	98450	27780	8730	873750
1986/87	18100	28000	17900	17920	81920	11820	4610	16430	98350	26620	10490	868350
1987/88	21070	28050	15200	14860	79180	11930	6300	18230	97410	22890	16690	901500
1988/89	23350	27560	14730	21370	87010	13500	8320	21820	108830	20240	18320	1071610
1989/90	27720	29700	13700	17050	88170	18080	9010	27090	115260	23100	20180	1200990
1990/91	24410	30410	15410	17790	88020	21250	12050	33300	121320	26660	17830	1230950
1991/92	21110	30310	15310	17800	84530	24450	13130	37580	122110	26700	18100	1204710
1992/93	22960	31350	15550	18300	88160	28140	9240	37380	125540	29120	23490	1290500
1993/94	23572	22950	13290	17250	77062	27496	6435	33931	110993	40500	26095	1209870
1994/95	23464	26099	14452	21176	85191	26980	6804	33784	118975	39710	25957	1273220

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1995/96	29715	29900	15169	21134	95918	25650	7871	33521	129439	40410	25545	1331060
1996/97	29760	28300	14540	19130	91730	26580	7800	34380	126110	40500	25470	1312210
1997/98	29900	29000	16985	20431	96316	26600	9195	35795	132111	41866	28320	1367330
1998/99	29920	28828	16582	19890	95220	26650	8946	35596	130816	41175	27900	1685910
1999/00	39000	30600	21580	19256	110436	22064	11325	33389	143825	48005	30570	1414850
2000/01	40130	33990	20324	13893	108337	25380	9643	35023	143360	44612	44154	1484112
2001/02	38146	25022	21448	17415	102031	22064	7500	29564	131595	43681	34570	1510770
2002/03	40907	33813	21838	17863	114421	25520	9750	35270	149691	44350	42150	1569140
2003/04	40907	24190	21838	17863	104798	25520	9750	35270	140068	44350	42150	1590097
2004/05	40907	23382	22789	19665	106743	29830	11115	40945	147688	46550	45000	1716044
2005/06	40907	38105	22623	19614	121249	34940	11115	46055	167304	42415	43875	1744418
2006/07	43638	41943	23740	23160	132481	31500	13000	44500	176981	46940	43875	1819926
2007/08	38585	50960	28209	16164	133918	34175	14150	48325	182243	57526	53687	1878648
2008/09	38585	50960	28209	16164	133918	35200	14900	50100	184018	57526	53687	1930669

Annex 98: Maize - Yield

Year	Yield (kg per hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	1748	1963	1875	1963	1880	1500	1420	1468	1783	1570	1570	1790
1977/78	1572	1078	1500	1667	1401	1500	1419	1465	1415	1500	1571	1664
1978/79	1600	1400	1601	1599	1530	1500	1419	1459	1512	1500	1567	1635
1979/80	1422	1400	1011	1515	1369	1500	1276	1383	1373	1286	1044	1332
1980/81	1571	1400	1569	1585	1509	1590	1594	1592	1528	1612	1501	1624
1981/82	1500	1399	1569	1585	1493	1600	1600	1600	1516	1798	1200	1581
1982/83	900	768	1554	1111	991	1698	1678	1693	1159	1970	959	1406
1983/84	1500	1335	1501	1587	1458	1782	1764	1776	1540	1788	1200	1511
1984/85	1450	1504	1991	1503	1576	1733	1886	1764	1607	1501	1201	1417
1985/86	1509	1500	1799	1500	1556	1500	1498	1499	1547	1825	1000	1421
1986/87	1508	1400	1817	1493	1521	1422	1590	1466	1512	1751	1200	1386
1987/88	1401	1504	1531	1143	1398	1757	1595	1697	1446	1501	1102	1338
1988/89	1421	1433	1534	1331	1419	1500	1664	1559	1445	1332	1221	1484
1989/90	1729	1551	1399	1496	1564	1635	1756	1673	1588	1500	1352	1599
1990/91	1523	1593	1546	1474	1540	1721	1667	1701	1581	1749	1201	1625
1991/92	1292	1595	1551	1472	1475	2093	1751	1959	1597	1745	1183	1598
1992/93	1400	1900	1560	1500	1601	2100	1949	2061	1715	1800	1530	1665
1993/94	1417	1452	1510	1500	1461	1964	1949	1961	1585	1800	1535	1604
1994/95	1405	1625	1586	1719	1572	1900	1890	1898	1653	1805	1526	1651

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1995/96	1605	1794	1570	1699	1675	1800	1749	1788	1702	1800	1447	1681
1996/97	1600	1665	1515	1617	1608	1899	1733	1858	1670	1800	1440	1655
1997/98	1601	1700	1690	1750	1676	1900	1850	1887	1728	1850	1600	1711
1998/99	1600	1680	1650	1700	1653	1890	1800	1867	1706	1818	1550	2101
1999/00	1982	1493	1714	1608	1706	1480	2059	1636	1689	2057	1415	1728
2000/01	2001	1650	1743	1190	1693	1800	1900	1826	1724	1900	2007	1800
2001/02	1900	1258	1704	1493	1589	1575	2500	1739	1620	1795	1600	1829
2002/03	1960	1700	1700	1530	1753	1810	1950	1847	1774	1810	1916	1877
2003/04	1960	1260	1700	1530	1623	1810	1950	1847	1674	1810	1916	1906
2004/05	1960	1170	1774	1684	1633	1999	1950	1985	1717	1900	2000	2019
2005/06	1960	1910	1729	1680	1849	2254	1950	2172	1928	1850	1950	2050
2006/07	2100	2100	1815	1930	2012	2100	2500	2203	2057	2000	1950	2091
2007/08	1850	2550	1923	1337	1981	2263	2500	2328	2062	2450	2378	2159
2008/09	1850	2550	1923	1337	1981	2320	2041	2230	2043	2450	2378	2205

Annex 99: Wheat - Yield

Year	Area (Hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	1206	1200	165	747	3318	9200	8745	17945	21263	2179	315	348280
1977/78	1260	1500	250	800	3810	9490	7730	17220	21030	2340	320	367240
1978/79	1300	1550	260	820	3930	11330	7170	18500	22430	1700	330	356180
1979/80	1350	1590	260	820	4020	12500	8000	20500	24520	1730	340	366860
1980/81	1450	1970	400	620	4440	11300	5140	16440	20880	2180	350	391790
1981/82	1500	2380	400	950	5230	10200	8030	18230	23460	1900	350	399890
1982/83	1530	2550	270	950	5300	13310	16140	29450	34750	1860	410	483820
1983/84	1550	2660	1130	1000	6340	12350	12560	24910	31250	2100	820	471750
1984/85	1800	2100	1150	1200	6250	9260	10050	19310	25560	3070	800	451890
1985/86	1850	2200	1200	1350	6600	9000	10000	19000	25600	3900	1500	482820
1986/87	1900	2210	1500	1500	7110	13900	13760	27660	34770	3950	1550	626710
1987/88	2100	2500	1520	1560	7680	14010	11800	25810	33490	3980	9860	673810
1988/89	2120	2230	1530	1510	7390	14000	11700	25700	33090	4500	9880	721870
1989/90	2100	2800	1550	1520	7970	14100	11920	26020	33990	4100	9800	751170
1990/91	2110	2750	1590	1500	7950	13330	11840	25170	33120	4130	9760	757710
1991/92	2100	2730	1610	1480	7920	13400	11870	25270	33190	4140	9740	754090
1992/93	2120	1400	1650	1510	6680	20650	16050	36700	43380	4150	9790	775220
1993/94	2350	1760	2151	2456	8717	20000	18050	38050	46767	4670	4000	757150
1994/95	2400	2765	2170	2456	9791	20425	16625	37050	46841	4715	4000	632810

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1995/96	2540	2770	1591	2556	9457	17940	16700	34640	44097	4714	4515	653500
1996/97	2540	2775	1595	2560	9470	17690	18324	36014	45484	4730	4362	664960
1997/98	2550	27725	1675	2560	34510	16100	17408	33508	68018	4740	4350	647210
1998/99	2550	2770	1775	2603	9698	14950	16416	31366	41064	4533	4050	640802
1999/00	2550	2773	2275	2603	10201	16950	17500	34450	44651	4740	2800	660040
2000/01	2565	2725	2275	2565	10130	16165	15972	32137	42267	4777	3310	641030
2001/02	2571	2805	2275	2577	10228	20224	19500	39724	49952	4592	3500	667077
2002/03	2320	2700	1235	2577	8832	20185	20100	40285	49117	4607	3500	669014
2003/04	2571	2700	1170	2577	9018	17057	17100	34157	43175	4600	3500	665589
2004/05	2571	2710	1170	2577	9028	17157	16100	33257	42285	4708	3600	675807
2005/06	2200	2720	1350	2577	8847	17150	16100	33250	42097	4708	3580	672040
2006/07	2228	2720	1500	2640	9088	18500	17000	35500	44588	4735	3580	702664
2007/08	2510	2720	1500	2550	9280	20690	17000	37690	46970	4735	3580	706481
2008/09	2510	4208	1505	2600	10823	20275	14000	34275	45098	4735	3500	694950

Annex 100: Wheat - Area

Year	Production (Metric Ton)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	1240	1440	157	717	3554	9163	8307	17470	21024	3050	381	361853
1977/78	1550	1800	290	810	4450	10820	8500	19320	23770	2920	390	411270
1978/79	1560	1860	290	900	4610	13140	8600	21740	26350	2040	330	415230
1979/80	1620	2240	300	900	5060	15000	9600	24600	29660	2400	290	439990
1980/81	1570	2690	460	610	5330	15250	6940	22190	27520	2980	440	477190
1981/82	1650	3000	460	1040	6150	18770	15260	34030	40180	2660	440	525930
1982/83	1680	3850	280	760	6570	20090	24210	44300	50870	2090	530	656630
1983/84	1700	3460	1240	1100	7500	19760	20100	39860	47360	2730	820	633700
1984/85	2160	2840	1260	1380	7640	12590	14170	26760	34400	4020	960	533720
1985/86	2080	3080	1300	1410	7870	13480	14800	28280	36150	4700	1500	598000
1986/87	1900	3120	1810	1540	8370	22240	20640	42880	51250	3980	1550	701040
1987/88	2210	3250	2010	1620	9090	22820	18050	40870	49960	3990	8870	744600
1988/89	2540	3120	2300	1540	9500	23960	18950	42910	52410	5990	10870	830050
1989/90	2250	3890	2150	1520	9810	23970	19310	43280	53090	5540	10870	854960
1990/91	2290	3910	2160	1510	9870	21990	19060	41050	50920	5620	10870	836070
1991/92	2230	3550	2210	1500	9490	21840	18910	40750	50240	5550	10530	779160
1992/93	2330	1890	2140	1810	8170	29940	24070	54010	62180	5610	9990	765000
1993/94	4530	2992	2964	3258	13744	35000	28500	63500	77244	7098	6086	872560
1994/95	4560	4701	2995	3294	15550	35744	25104	60848	76398	7200	6120	913710

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1995/96	4729	4986	2227	3427	15369	30495	28724	59219	74588	7200	6000	1012930
1996/97	4729	4986	2227	4480	16422	31500	34821	66321	82743	7568	7197	1055940
1997/98	4743	4469	2513	4680	16405	28980	33700	62680	79085	6622	6960	1000770
1998/99	4648	4245	1760	4540	15193	28068	28645	56713	71906	6332	6751	1086480
1999/00	4870	4243	3108	4540	16761	32200	40250	72450	89211	8530	3640	1183530
2000/01	4200	4240	3956	3398	15794	32200	31944	64144	79938	7882	4913	1157865
2001/02	4580	4908	3956	3814	17258	43470	42900	86370	103628	8081	4830	1248045
2002/03	5568	6150	2470	4123	18311	46425	50430	96855	115166	8062	5530	1344192
2003/04	6170	6318	2165	4380	19033	36716	42750	79466	98499	8050	5550	1387192
2004/05	6234	6546	2457	4535	19772	38710	38920	77630	97402	8945	6592	1442443
2005/06	4550	5525	2500	4200	16775	37745	37304	75049	91824	8500	6260	1394127
2006/07	4120	5304	2850	3960	16234	42550	42500	85050	101284	9020	6290	1515140
2007/08	5020	5304	2925	4320	17569	49656	40800	90456	108025	10627	6290	1572065
2008/09	3867	1544	2288	3272	10971	44690	36720	81410	92381	8250	5147	1343862

Annex 101: Wheat – Production

Year	Yield (kg per hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Z	Ilam	Khotang	Nepal
1976/77	1028	1200	952	960	1071	996	950	974	989	1400	1210	1039
1977/78	1230	1200	1160	1013	1168	1140	1100	1122	1130	1248	1219	1120
1978/79	1200	1200	1115	1098	1173	1160	1199	1175	1175	1200	1000	1166
1979/80	1200	1409	1154	1098	1259	1200	1200	1200	1210	1387	853	1199
1980/81	1083	1365	1150	984	1200	1350	1350	1350	1318	1367	1257	1218
1981/82	1100	1261	1150	1095	1176	1840	1900	1867	1713	1400	1257	1315
1982/83	1098	1510	1037	800	1240	1509	1500	1504	1464	1124	1293	1357
1983/84	1097	1301	1097	1100	1183	1600	1600	1600	1516	1300	1000	1343
1984/85	1200	1352	1096	1150	1222	1360	1410	1386	1346	1309	1200	1181
1985/86	1124	1400	1083	1044	1192	1498	1480	1488	1412	1205	1000	1239
1986/87	1000	1412	1207	1027	1177	1600	1500	1550	1474	1008	1000	1119
1987/88	1052	1300	1322	1038	1184	1629	1530	1583	1492	1003	900	1105
1988/89	1198	1399	1503	1020	1286	1711	1620	1670	1584	1331	1100	1150
1989/90	1071	1389	1387	1000	1231	1700	1620	1663	1562	1351	1109	1138
1990/91	1085	1422	1358	1007	1242	1650	1610	1631	1537	1361	1114	1103
1991/92	1062	1300	1373	1014	1198	1630	1593	1613	1514	1341	1081	1033
1992/93	1099	1350	1297	1199	1223	1450	1500	1472	1433	1352	1020	987
1993/94	1928	1700	1378	1327	1577	1750	1579	1669	1652	1520	1522	1152
1994/95	1900	1700	1380	1341	1588	1750	1510	1642	1631	1527	1530	1444

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1995/96	1862	1800	1400	1341	1625	1700	1720	1710	1691	1527	1329	1550
1996/97	1862	1797	1396	1750	1734	1781	1900	1842	1819	1600	1650	1588
1997/98	1860	161	1500	1828	475	1800	1936	1871	1163	1397	1600	1546
1998/99	1823	1532	992	1744	1567	1877	1745	1808	1751	1397	1667	1696
1999/00	1910	1530	1366	1744	1643	1900	2300	2103	1998	1800	1300	1793
2000/01	1637	1556	1739	1325	1559	1992	2000	1996	1891	1650	1484	1806
2001/02	1781	1750	1739	1480	1687	2149	2200	2174	2075	1760	1380	1871
2002/03	2400	2278	2000	1600	2073	2300	2509	2404	2345	1750	1580	2009
2003/04	2400	2340	1850	1700	2111	2153	2500	2326	2281	1750	1586	2084
2004/05	2425	2415	2100	1760	2190	2256	2417	2334	2303	1900	1831	2134
2005/06	2068	2031	1852	1630	1896	2201	2317	2257	2181	1805	1749	2074
2006/07	1849	1950	1900	1500	1786	2300	2500	2396	2272	1905	1757	2156
2007/08	2000	1950	1950	1694	1893	2400	2400	2400	2300	2244	1757	2225
2008/09	1541	367	1520	1258	1014	2204	2623	2375	2048	1742	1471	1934

Annex 102: Millet - Area

Year	Area (Hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	2000	2470	2370	2120	8960	850	700	1550	10510	2000	1500	121794
1977/78	1990	3570	2310	2120	9990	930	820	1750	11740	2430	1120	121130
1978/79	2000	4210	2310	2120	10640	1000	1020	2020	12660	2430	1110	123410
1979/80	2000	4210	2310	2120	10640	1100	1070	2170	12810	2430	1110	122810
1980/81	2010	4220	2000	2100	10330	1000	600	1600	11930	2100	1100	121780
1981/82	2010	4220	2000	2840	11070	750	600	1350	12420	2000	1100	122100
1982/83	1310	7010	2000	3040	13360	700	600	1300	14660	1950	1100	129110
1983/84	1310	7010	2000	3040	13360	1140	800	1940	15300	1950	1100	123870
1984/85	2200	6040	2630	3250	14120	970	500	1470	15590	2900	1250	134370
1985/86	2000	8000	2600	3000	15600	1000	500	1500	17100	2700	4200	151050
1986/87	1980	7700	2590	2980	15250	990	550	1540	16790	2680	4180	150780
1987/88	5200	7000	2980	3000	18180	1670	780	2450	20630	3120	6050	164770
1988/89	4960	7000	3000	3000	17960	1100	580	1680	19640	3000	6080	182560
1989/90	5000	7150	3220	3000	18370	1100	700	1800	20170	3260	6550	193490
1990/91	5000	7000	6880	3000	21880	1000	900	1900	23780	3260	4200	198570
1991/92	5210	6980	6860	2990	22040	1150	1000	2150	24190	3250	4200	198240
1992/93	5200	7010	6900	3000	22110	1280	900	2180	24290	3000	4250	201770
1993/94	8000	7000	5800	3400	24200	2150	950	3100	27300	4600	8000	254400
1994/95	8000	8100	2800	3100	22000	1280	900	2180	24180	4025	8000	250100

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1995/96	9527	8100	6104	3200	26931	1285	900	2185	29116	4427	11335	260090
1996/97	9680	7800	7100	3200	27780	1280	1000	2280	30060	4500	11350	259940
1997/98	9680	8100	7100	3200	28080	1285	775	2060	30140	3680	11689	262430
1998/99	9500	8100	7100	3200	27900	1285	850	2135	30035	3680	12680	263950
1999/00	5500	8114	9104	3220	25938	1340	800	2140	28078	4030	13600	263450
2000/01	5505	8114	9100	3243	25962	1349	1100	2449	28411	4030	13600	259888
2001/02	5005	6060	8190	3195	22450	1340	300	1640	24090	3290	14000	258120
2002/03	5439	8120	8160	3210	24929	1300	1200	2500	27429	3213	13600	259130
2003/04	5439	8120	8160	3210	24929	1300	1200	2500	27429	3213	13600	258597
2004/05	5439	8103	9175	2407	25124	1395	300	1695	26819	3290	14270	258839
2005/06	5439	8125	9195	3250	26009	1310	1075	2385	28394	3290	14270	261673
2006/07	5226	7094	9195	3050	24565	1325	1200	2525	27090	3312	14270	265160
2007/08	4600	8129	9977	2505	25211	1345	1352	2697	27908	3314	14511	265496
2008/09	4600	8129	9977	2505	25211	1415	1350	2765	27976	3314	14511	265889

Annex 103: Millet - Production

Year	Production (Metric Ton)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	2080	2970	2940	2688	10678	920	595	1515	12193	2600	1700	138037
1977/78	1970	2570	2860	2150	9550	870	920	1790	11340	2840	1270	129510
1978/79	2000	3790	2860	2790	11440	950	1140	2090	13530	2840	1260	133140
1979/80	2000	3790	2550	2090	10430	950	1050	2000	12430	2840	1200	119340
1980/81	2010	3700	2000	2070	9780	950	590	1540	11320	2730	1210	121530
1981/82	2010	3800	2000	2560	10370	530	540	1070	11440	1600	1200	121710
1982/83	980	6310	2000	2740	12030	840	540	1380	13410	1480	1200	121070
1983/84	1180	6300	1800	2700	11980	1030	720	1750	13730	1750	1100	114910
1984/85	1980	6040	2630	2930	13580	970	500	1470	15050	2610	1120	124430
1985/86	1900	6000	2600	2700	13200	950	500	1450	14650	2160	2940	137940
1986/87	1780	5770	2330	2530	12410	890	490	1380	13790	2410	3340	137590
1987/88	4160	6300	2680	2700	15840	1330	780	2110	17950	2650	4230	150130
1988/89	4950	7000	3000	2700	17650	1110	580	1690	19340	3020	5470	183090
1989/90	5310	7910	3420	3170	19810	1190	750	1940	21750	3560	6830	224780
1990/91	5910	7030	6810	3310	23060	1090	1030	2120	25180	3560	4250	231630
1991/92	6150	7000	6800	3030	22980	1250	900	2150	25130	3550	4240	228660
1992/93	6190	7710	6900	3000	23800	1280	1030	2310	26110	3280	4310	236750
1993/94	8080	7700	5800	3400	24980	2257	760	3017	27997	4843	8000	274420
1994/95	8400	8800	5850	3150	26200	1188	900	2088	28288	4238	8500	267520

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1995/96	9530	8100	6409	2750	26789	1156	900	2056	28845	4206	11196	282440
1996/97	9690	9100	7500	3200	29490	1160	1100	2260	31750	4500	11300	288910
1997/98	9690	8185	7500	4000	29375	1157	966	2123	31498	3402	10750	285130
1998/99	10520	8166	7500	4000	30186	1157	1160	2317	32503	3402	13800	291370
1999/00	6600	8004	9104	3268	26976	1474	900	2374	29350	4030	15440	295380
2000/01	8257	7952	9100	3729	29038	1510	1265	2775	31813	4030	9600	282852
2001/02	6207	4800	8090	3195	22292	1474	300	1774	24066	3290	11500	282417
2002/03	5439	8038	7349	3370	24196	1500	1800	3300	27496	3373	12600	282860
2003/04	5439	8038	7349	3370	24196	1500	1800	3300	27496	3373	12600	283378
2004/05	5439	9012	10093	2888	27432	1500	300	1800	29232	3290	14000	289839
2005/06	5439	8025	9575	3550	26589	1637	1370	3007	29596	3390	14000	290846
2006/07	5136	7059	9575	3203	24973	1335	1080	2415	27388	3312	14000	284815
2007/08	4500	7966	9956	2520	24942	1604	1352	2956	27898	2884	14000	291098
2008/09	4500	8563	9956	2520	25539	1698	1350	3048	28587	2884	14000	292683

Annex 104: Millet - Yield

Year	Yield (kg per hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	1040	1202	1241	1268	1192	1082	850	977	1160	1300	1133	1133
1977/78	990	720	1238	1014	956	935	1122	1023	966	1169	1134	1069
1978/79	1000	900	1238	1316	1075	950	1118	1035	1069	1169	1135	1079
1979/80	1000	900	1104	986	980	864	981	922	970	1169	1081	972
1980/81	1000	877	1000	986	947	950	983	963	949	1300	1100	998
1981/82	1000	900	1000	901	937	707	900	793	921	800	1091	997
1982/83	748	900	1000	901	900	1200	900	1062	915	759	1091	938
1983/84	901	899	900	888	897	904	900	902	897	897	1000	928
1984/85	900	1000	1000	902	962	1000	1000	1000	965	900	896	926
1985/86	950	750	1000	900	846	950	1000	967	857	800	700	913
1986/87	899	749	900	849	814	899	891	896	821	899	799	913
1987/88	800	900	899	900	871	796	1000	861	870	849	699	911
1988/89	998	1000	1000	900	983	1009	1000	1006	985	1007	900	1003
1989/90	1062	1106	1062	1057	1078	1082	1071	1078	1078	1092	1043	1162
1990/91	1182	1004	990	1103	1054	1090	1144	1116	1059	1092	1012	1166
1991/92	1180	1003	991	1013	1043	1087	900	1000	1039	1092	1010	1153
1992/93	1190	1100	1000	1000	1076	1000	1144	1060	1075	1093	1014	1173
1993/94	1010	1100	1000	1000	1032	1050	800	973	1026	1053	1000	1079
1994/95	1050	1086	2089	1016	1191	928	1000	958	1170	1053	1063	1070

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1995/96	1000	1000	1050	859	995	900	1000	941	991	950	988	1086
1996/97	1001	1167	1056	1000	1062	906	1100	991	1056	1000	996	1111
1997/98	1001	1010	1056	1250	1046	900	1246	1031	1045	924	920	1086
1998/99	1107	1008	1056	1250	1082	900	1365	1085	1082	924	1088	1104
1999/00	1200	986	1000	1015	1040	1100	1125	1109	1045	1000	1135	1121
2000/01	1500	980	1000	1150	1118	1119	1150	1133	1120	1000	706	1088
2001/02	1240	792	988	1000	993	1100	1000	1082	999	1000	821	1094
2002/03	1000	990	901	1050	971	1154	1500	1320	1002	1050	926	1092
2003/04	1000	990	901	1050	971	1154	1500	1320	1002	1050	926	1096
2004/05	1000	1112	1100	1200	1092	1075	1000	1062	1090	1000	981	1120
2005/06	1000	988	1041	1092	1022	1250	1274	1261	1042	1030	981	1111
2006/07	983	995	1041	1050	1017	1008	900	956	1011	1000	981	1074
2007/08	978	980	998	1006	989	1193	1000	1096	1000	870	965	1096
2008/09	978	1053	998	1006	1013	1200	1000	1102	1022	870	965	1101

Annex 105: Barley - Area

Year	Area (Hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	55	60	280	143	538	48	120	168	706	70	90	24869
1977/78	80	40	260	140	520	50	140	190	710	30	100	25500
1978/79	50	50	250	120	470	50	130	180	650	50	100	26160
1979/80	50	60	250	120	480	50	120	170	650	50	100	26020
1980/81	60	90	240	130	520	100	50	150	670	70	90	26680
1981/82	60	30	240	130	460	100	50	150	610	10	150	27020
1982/83	60	30	240	120	450	80	40	120	570	10	130	24340
1983/84	60	30	240	120	450	80	40	120	570	60	150	24830
1984/85	80	50	250	130	510	50	50	100	610	80	130	27570
1985/86	80	60	250	150	540	80	50	130	670	100	250	29320
1986/87	90	30	250	150	520	90	50	140	660	120	260	28560
1987/88	60	30	240	120	450	90	40	130	580	130	150	29110
1988/89	50	40	250	120	460	90	40	130	590	120	200	29450
1989/90	70	30	240	130	470	100	50	150	620	140	210	29540
1990/91	80	40	230	120	470	100	50	150	620	130	190	29610
1991/92	90	40	250	120	500	110	60	170	670	120	200	29660
1992/93	90	40	260	120	510	70	50	120	630	140	210	29680
1993/94	30	20	350	90	490	30	20	50	540	230	290	30430
1994/95	70	30	400	110	610	30	20	50	660	250	320	30870

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1995/96	70	20	400	100	590	30	50	80	670	250	320	39400
1996/97	70	20	400	105	595	30	5	35	630	250	320	38790
1997/98	75	22	376	105	578	30	5	35	613	9	320	36850
1998/99	77	22	276	107	482	30	5	35	517	9	320	31843
1999/00	30	23	76	107	236			0	236	9	100	28196
2000/01	33	22	76	107	238			0	238	90	100	28194
2001/02	33	22	76	106	237			0	237	71	100	27692
2002/03	33	25	70	102	230			0	230	71	100	27555
2003/04	33	25	60	100	218	27		27	245	70	90	27467
2004/05		26	50	100	176			0	176	72	570	26428
2005/06	30	25	40	100	195			0	195	72	570	26227
2006/07	30	25	40	105	200			0	200	75	570	26580
2007/08	30	25	30	105	190			0	190	75	570	26106
2008/09	30	10	30	100	170			0	170	75	500	25817

Annex 106: Barley – Production

Year	Production (Metric Ton)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	55	60	112	143	370	38	102	140	510	45	86	20595
1977/78	70	40	270	140	520	40	120	160	680	30	100	22450
1978/79	40	40	220	110	410	40	100	140	550	40	90	22690
1979/80	50	60	210	120	440	50	120	170	610	50	90	23290
1980/81	50	80	200	120	450	90	40	130	580	50	70	23030
1981/82	50	30	220	100	400	80	40	120	520	10	130	23320
1982/83	50	20	240	120	430	70	40	110	540	10	120	21160
1983/84	50	20	240	120	430	70	40	110	540	60	130	22270
1984/85	60	40	250	120	470	40	40	80	550	70	100	23640
1985/86	70	40	230	140	480	70	40	110	590	90	240	23430
1986/87	80	20	240	110	450	80	40	120	570	110	250	24670
1987/88	60	30	240	120	450	80	30	110	560	120	140	24290
1988/89	40	40	240	110	430	90	40	130	560	120	180	27010
1989/90	60	30	230	130	450	90	50	140	590	130	200	32890
1990/91	70	50	220	120	460	100	50	150	610	120	180	32840
1991/92	90	50	230	110	480	110	60	170	650	110	180	27460
1992/93	80	40	240	120	480	70	50	120	600	130	190	27410
1993/94	29	20	315	88	452	30	20	50	502	220	284	29010
1994/95	68	30	362	108	568	30	20	50	618	240	314	29520

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1995/96	77	21	362	98	558	30	50	80	638	240	314	41340
1996/97	77	21	362	105	565	30	5	35	600	240	314	38660
1997/98	90	24	284	105	503	30	5	35	538	5	314	36950
1998/99	92	24	286	135	537	30	5	35	572	5	314	31898
1999/00	32	25	99	135	291			0	291	5	90	30817
2000/01	48	24	99	135	306			0	306	80	90	30488
2001/02	52	24	99	128	303			0	303	71	90	30790
2002/03	42	25	56	126	249			0	249	71	90	31711
2003/04	42	25	80	108	255	41		41	296	70	90	31992
2004/05		31	37	108	176			0	176	72	359	29251
2005/06	40	25	40	108	213			0	213	72	342	27786
2006/07	30	25	40	105	200			0	200	75	570	26580
2007/08	40	25	29	116	210			0	210	75	390	26106
2008/09	40	10	29	110	189				189	75	400	23224

Annex 107: Barley - Yield

Year	Yield (kg per hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	1000	1000	400	1000	688	792	850	833	722	643	956	828
1977/78	875	1000	1038	1000	1000	800	857	842	958	1000	1000	880
1978/79	800	800	880	917	872	800	769	778	846	800	900	867
1979/80	1000	1000	840	1000	917	1000	1000	1000	938	1000	900	895
1980/81	833	889	833	923	865	900	800	867	866	714	778	863
1981/82	833	1000	917	769	870	800	800	800	852	1000	867	863
1982/83	833	667	1000	1000	956	875	1000	917	947	1000	923	869
1983/84	833	667	1000	1000	956	875	1000	917	947	1000	867	897
1984/85	750	800	1000	923	922	800	800	800	902	875	769	857
1985/86	875	667	920	933	889	875	800	846	881	900	960	799
1986/87	889	667	960	733	865	889	800	857	864	917	962	864
1987/88	1000	1000	1000	1000	1000	889	750	846	966	923	933	834
1988/89	800	1000	960	917	935	1000	1000	1000	949	1000	900	917
1989/90	857	1000	958	1000	957	900	1000	933	952	929	952	1113
1990/91	875	1250	957	1000	979	1000	1000	1000	984	923	947	1109
1991/92	1000	1250	920	917	960	1000	1000	1000	970	917	900	926
1992/93	889	1000	923	1000	941	1000	1000	1000	952	929	905	924
1993/94	967	1000	900	978	922	1000	1000	1000	930	957	979	953
1994/95	971	1000	905	982	931	1000	1000	1000	936	960	981	956

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1995/96	1100	1050	905	980	946	1000	1000	1000	952	960	981	1049
1996/97	1100	1050	905	1000	950	1000	1000	1000	952	960	981	997
1997/98	1200	1091	755	1000	870	1000	1000	1000	878	556	981	1003
1998/99	1195	1091	1036	1262	1114	1000	1000	1000	1106	556	981	1002
1999/00	1067	1087	1303	1262	1233				1233	556	900	1093
2000/01	1455	1091	1303	1262	1286				1286	889	900	1081
2001/02	1576	1091	1303	1208	1278				1278	1000	900	1112
2002/03	1273	1000	800	1235	1083				1083	1000	900	1151
2003/04	1273	1000	1333	1080	1170	1519		1519	1208	1000	1000	1165
2004/05	#DIV/0!	1192	740	1080	1000				1000	1000	630	1107
2005/06	1333	1000	1000	1080	1092				1092	1000	600	1059
2006/07	1000	1000	1000	1000	1000				1000	1000	1000	1000
2007/08	1333	1000	967	1105	1105				1105	1000	684	1000
2008/09	1333	1000	967	1100	1112				1112	1000	800	900

Annex 108: Sugarcane - Area

Year	Area (Hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	12	15	20	25	72	1020	1326	2346	20	5	2418	17990
1977/78	10	10	10	20	50	1200	1330	2530	20	10	2580	22880
1978/79	10	20	10	10	50	1200	1200	2400	10	10	2450	21990
1979/80	10	20	10	10	50	1250	1210	2460	10	10	2510	22420
1980/81	20	20	10	10	60	930	910	1840	20	10	1900	23960
1981/82	20	20	10	10	60	1200	1600	2800	10		2860	25170
1982/83	20	10	10	10	50	1200	1560	2760	10		2810	25410
1983/84	20	20	10	10	60	1500	750	2250	30		2310	22740
1984/85	20	20	10	10	60	1200	520	1720	30		1780	17480
1985/86	20	30	20	20	90	1220	750	1970	30	10	2060	23010
1986/87	30	40	20	20	110	1200	800	2000	30	20	2110	24910
1987/88	20	30	40	10	100	1200	1050	2250	20	20	2350	29520
1988/89	10	20	50	10	90	1280	1200	2480	10	20	2570	29550
1989/90	20	60	20	20	120	1200	1500	2700	20	20	2820	31500
1990/91	20	60	20	20	120	1250	1500	2750	20	10	2870	32960
1991/92	20	60	20	20	120	1210	1480	2690	20	20	2810	37410
1992/93	20	60	30	20	130	1200	1400	2600	20	20	2730	38330
1993/94	10	60	40	20	130	1210	1000	2210	20	20	2340	37785
1994/95	10	60	40	30	140	1270	1000	2270	30	20	2410	43583

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1995/96	10	60	38	30	138	1250	900	2150	30	20	2288	44820
1996/97	10	60	38	30	138	1275	1000	2275	30	20	2413	46360
1997/98	10	60	120	30	220	1275	1350	2625	30	20	2845	48800
1998/99	18	40	120	20	198	1350	2585	3935	20	10	4133	53894
1999/00	10	40	120	10	180	1665	2585	4250	10		4430	58126
2000/01	10	41	120	10	181	1665	2585	4250	10		4431	59422
2001/02	10	41	120	8	179	1478	2500	3978	13		4157	59477
2002/03		13	95		108	1571	1850	3421	13		3529	60425
2003/04		12	95		107	1610	1850	3460	10		3567	59425
2004/05		13	80		93	1615	2500	4115		6	4208	59082
2005/06		42	80		122	1630	2500	4130		8	4252	62058
2006/07		41	70		111	1840	2500	4340	13	8	4451	64019
2007/08		41	70		111	1855	2500	4355	13	8	4466	62962
2008/09		41	70		111	1855	2500	4355	4466	13	8	58101

Annex 109: Sugarcane – Production

Year	Production (Metric Ton)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	168	203	240	350	961	18740	24066	42806	280	70	43767	311379
1977/78	210	200	190	350	950	21000	21940	42940	280	140	43890	387100
1978/79	140	280	130	140	690	21600	21600	43200	140	130	43890	369930
1979/80	150	290	140	140	720	22500	21780	44280	140	140	45000	385070
1980/81	400	300	140	140	980	19530	19110	38640	280	140	39620	479780
1981/82	300	300	150	140	890	30000	40000	70000	150		70890	590000
1982/83	280	150	150	140	720	30000	39000	69000	150		69720	616090
1983/84	280	250	150	140	820	30000	13500	43500	450		44320	509070
1984/85	280	250	150	140	820	28800	12480	41280	450		42100	408260
1985/86	270	440	300	280	1290	29280	18000	47280	440	140	48570	558340
1986/87	400	600	310	300	1610	31500	20000	51500	450	300	53110	616580
1987/88	320	500	500	140	1460	35000	29920	64920	340	300	66380	814400
1988/89	150	320	750	150	1370	37120	36000	73120	160	300	74490	903010
1989/90	320	840	300	320	1780	34800	46500	81300	320	330	83080	988300
1990/91	320	840	320	300	1780	48950	46500	95450	320	170	97230	1105960
1991/92	340	860	360	310	1870	58120	45880	104000	330	360	105870	1291340
1992/93	350	870	340	330	1890	61380	51000	112380	360	380	114270	1359370
1993/94	170	1080	440	310	2000	42350	33000	75350	320	320	77350	1293092
1994/95	170	1080	460	480	2190	44450	33000	77450	495	330	79640	1469214

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1995/96	170	1080	560	480	2290	55000	27900	82900	600	430	85190	1568700
1996/97	170	1080	560	480	2290	51000	31200	82200	600	430	84490	1629300
1997/98	170	1080	970	480	2700	51000	42525	93525	600	430	96225	1762580
1998/99	160	720	1020	380	2280	59750	81944	141694	400	200	143974	1971646
1999/00	100	720	975	200	1995	69700	81400	151100	200		153095	2103426
2000/01	100	720	1080	200	2100	69700	81944	151644	250		153744	2211781
2001/02	100	720	1080	128	2028	59859	87500	147359	461		149387	2247990
2002/03		260	950		1210	65196	78700	143896	462		145106	2343054
2003/04		240	950		1190	67620	101500	169120	460		170310	2305326
2004/05		260	600		860	67830	140000	207830		108	208690	2209603
2005/06		840	600		1440	69275	140000	209275		144	210715	2462574
2006/07		800	395		1195	77280	135000	212280	170	144	213475	2599789
2007/08		800	650		1450	83880	135000	218880	470	144	220330	2485437
2008/09		800	650		1450	83880	135000	218880	220330	470	144	2354412

Annex 110: Sugarcane - Yield

Year	Yield (kg per hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	14000	13533	12000	14000	13347	18373	18149	18246	14000	14000	18100	17308
1977/78	21000	20000	19000	17500	19000	17500	16496	16972	14000	14000	17012	16919
1978/79	14000	14000	13000	14000	13800	18000	18000	18000	14000	13000	17914	16823
1979/80	15000	14500	14000	14000	14400	18000	18000	18000	14000	14000	17928	17175
1980/81	20000	15000	14000	14000	16333	21000	21000	21000	14000	14000	20853	20024
1981/82	15000	15000	15000	14000	14833	25000	25000	25000	15000		24787	23441
1982/83	14000	15000	15000	14000	14400	25000	25000	25000	15000		24811	24246
1983/84	14000	12500	15000	14000	13667	20000	18000	19333	15000		19186	22387
1984/85	14000	12500	15000	14000	13667	24000	24000	24000	15000		23652	23356
1985/86	13500	14667	15000	14000	14333	24000	24000	24000	14667	14000	23578	24265
1986/87	13333	15000	15500	15000	14636	26250	25000	25750	15000	15000	25171	24752
1987/88	16000	16667	12500	14000	14600	29167	28495	28853	17000	15000	28247	27588
1988/89	15000	16000	15000	15000	15222	29000	30000	29484	16000	15000	28984	30559
1989/90	16000	14000	15000	16000	14833	29000	31000	30111	16000	16500	29461	31375
1990/91	16000	14000	16000	15000	14833	39160	31000	34709	16000	17000	33878	33555
1991/92	17000	14333	18000	15500	15583	48033	31000	38662	16500	18000	37676	34519
1992/93	17500	14500	11333	16500	14538	51150	36429	43223	18000	19000	41857	35465
1993/94	17000	18000	11000	15500	15385	35000	33000	34095	16000	16000	33056	34222
1994/95	17000	18000	11500	16000	15643	35000	33000	34119	16500	16500	33046	33711

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1995/96	17000	18000	14737	16000	16594	44000	31000	38558	20000	21500	37233	35000
1996/97	17000	18000	14737	16000	16594	40000	31200	36132	20000	21500	35015	35145
1997/98	17000	18000	8083	16000	12273	40000	31500	35629	20000	21500	33822	36118
1998/99	8889	18000	8500	19000	11515	44259	31700	36009	20000	20000	34835	36584
1999/00	10000	18000	8125	20000	11083	41862	31489	35553	20000		34559	36187
2000/01	10000	17561	9000	20000	11602	41862	31700	35681	25000		34697	37222
2001/02	10000	17561	9000	16000	11330	40500	35000	37043	35462		35936	37796
2002/03		20000	10000		11204	41500	42541	42063	35538		41118	38776
2003/04		20000	10000		11121	42000	54865	48879	46000		47746	38794
2004/05		20000	7500		9247	42000	56000	50505		18000	49594	37399
2005/06		20000	7500		11803	42500	56000	50672		18000	49557	39682
2006/07		19512	5643		10766	42000	54000	48912	13077	18000	47961	40610
2007/08		19512	9286		13063	45218	54000	50259	36154	18000	49335	39475
2008/09		19512	9286		13063	45218	54000	50259	49335	36154	18000	40523

Annex 111: Oilseed - Area

Year	Area (Hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	262	700	75	356	1393	1800	2090	3890	5283	1386	135	107746
1977/78	250	960	80	350	1640	3080	3210	6290	7930	1760	100	133060
1978/79	270	950	50	330	1600	3100	5720	8820	10420	1750	100	143980
1979/80	260	930	70	320	1580	2800	5300	8100	9680	1700	90	118130
1980/81	270	420	60	300	1050	3100	6940	10040	11090	1390	90	122280
1981/82	270	240	60	300	870	2000	5290	7290	8160	1950	90	113900
1982/83	270	1200	50	300	1820	1600	1800	3400	5220	1950	50	110340
1983/84	270	420	350	300	1340	1600	1800	3400	4740	950	90	110700
1984/85	300	400	400	350	1450	1860	3160	5020	6470	1000	100	127820
1985/86	350	600	400	350	1700	1800	2700	4500	6200	1150	120	138460
1986/87	340	450	420	380	1590	2550	3160	5710	7300	950	150	142890
1987/88	300	450	370	300	1420	1800	3140	4940	6360	980	250	151490
1988/89	250	580	560	380	1770	3150	3250	6400	8170	950	130	154860
1989/90	260	510	550	380	1700	2750	3000	5750	7450	960	130	153660
1990/91	360	530	400	390	1680	2200	3310	5510	7190	980	120	156310
1991/92	310	520	390	380	1600	2180	3280	5460	7060	970	150	154570
1992/93	330	600	460	220	1610	2400	3270	5670	7280	980	170	165240
1993/94	1100	1050	800	600	3550	10590	3000	13590	17140	1550	300	177486
1994/95	1100	1101	800	600	3601	9540	3200	12740	16341	1550	300	184460

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1995/96	350	979	428	400	2157	15130	3695	18825	20982	1150	964	185000
1996/97	350	928	428	325	2031	10250	3574	13824	15855	1150	965	182110
1997/98	360	945	556	355	2216	9350	3680	13030	15246	1112	964	179216
1998/99	365	986	556	258	2165	8700	2050	10750	12915	1050	964	190429
1999/00	355	987	560	258	2160	8700	2060	10760	12920	701	966	189628
2000/01	366	1000	560	258	2184	8399	5000	13399	15583	701	676	188455
2001/02	358	1062	560	266	2246	8081	5500	13581	15827	644	876	187820
2002/03	375	1070	625	260	2330	8130	4500	12630	14960	654	876	186720
2003/04	356	1070	625	275	2326	5870	4000	9870	12196	650	875	186741
2004/05	227	1070	625	280	2202	6995	5500	12495	14697	650	900	187853
2005/06	348	1074	575	280	2277	6965	5500	12465	14742	650	1000	188053
2006/07	276	1074	675	290	2315	7125	5500	12625	14940	750	850	184218
2007/08	276	1074	675	290	2315	7360	5550	12910	15225	775	850	180328
2008/09	276	948	675	325	2224	7360	5550	12910	15134	775	850	181361

Annex 112: Oilseed – Production

Year	Production (Metric Ton)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	94	420	21	214	749	807	921	1728	2477	607	74	61382
1977/78	100	480	30	150	760	1530	1550	3080	3840	860	50	78459
1978/79	160	570	20	160	910	1860	3150	5010	5920	870	40	92500
1979/80	160	560	40	160	920	980	1850	2830	3750	850	40	61870
1980/81	160	250	40	150	600	1860	4510	6370	6970	610	40	77140
1981/82	160	120	40	150	470	1400	3700	5100	5570	970	40	79120
1982/83	160	850	30	150	1190	850	1080	1930	3120	750	20	69590
1983/84	160	210	210	150	730	1280	1080	2360	3090	570	50	73350
1984/85	180	200	180	180	740	1480	2200	3680	4420	600	60	84030
1985/86	210	300	200	170	880	1390	1550	2940	3820	710	80	78660
1986/87	190	300	210	210	910	1780	1900	3680	4590	480	60	82500
1987/88	170	320	230	200	920	1100	1940	3040	3960	540	110	94370
1988/89	120	350	340	210	1020	2340	2050	4390	5410	480	80	98890
1989/90	120	370	340	220	1050	1790	1770	3560	4610	500	80	98060
1990/91	320	380	270	230	1200	1510	2220	3730	4930	540	90	92140
1991/92	160	270	230	200	860	1320	1920	3240	4100	450	80	87840
1992/93	170	300	300	120	890	1820	1960	3780	4670	460	130	93690
1993/94	583	622	480	327	2012	6777	1500	8277	10289	930	160	107535
1994/95	605	660	400	330	1995	6487	1696	8183	10178	938	162	116300

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1995/96	280	788	267	200	1535	9078	2347	11425	12960	930	483	115990
1996/97	200	788	267	162	1417	5030	2394	7424	8841	930	480	119250
1997/98	224	803	337	176	1540	6445	1656	8101	9641	945	482	110226
1998/99	228	798	292	130	1448	6115	822	6937	8385	900	674	119731
1999/00	312	809	308	130	1559	6264	1764	8028	9587	601	709	122751
2000/01	151	819	293	129	1392	6067	6067	12134	13526	601	473	132331
2001/02	350	955	293	137	1735	4453	3300	7753	9488	518	573	134950
2002/03	356	963	450	147	1916	4791	2250	7041	8957	538	573	124931
2003/04	349	963	450	136	1898	3180	1400	4580	6478	530	570	132865
2004/05	204	960	450	250	1864	3892	5000	8892	10756	600	888	141988
2005/06	270	405	402	250	1327	6407	5000	11407	12734	600	740	139322
2006/07	221	805	540	175	1741	6600	4400	11000	12741	682	620	135660
2007/08	221	805	540	175	1741	5136	4440	9576	11317	636	620	134286
2008/09	221	470	574	240	1505	5136	4440	9576	11081	636	620	135494

Annex 113: Oilseed - Yield

Year	Yield (kg per hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	359	600	280	601	538	448	441	444	469	438	548	570
1977/78	400	500	375	429	463	497	483	490	484	489	500	590
1978/79	593	600	400	485	569	600	551	568	568	497	400	642
1979/80	615	602	571	500	582	350	349	349	387	500	444	524
1980/81	593	595	667	500	571	600	650	634	628	439	444	631
1981/82	593	500	667	500	540	700	699	700	683	497	444	695
1982/83	593	708	600	500	654	531	600	568	598	385	400	631
1983/84	593	500	600	500	545	800	600	694	652	600	556	663
1984/85	600	500	450	514	510	796	696	733	683	600	600	657
1985/86	600	500	500	486	518	772	574	653	616	617	667	568
1986/87	559	667	500	553	572	698	601	644	629	505	400	577
1987/88	567	711	622	667	648	611	618	615	623	551	440	623
1988/89	480	603	607	553	576	743	631	686	662	505	615	639
1989/90	462	725	618	579	618	651	590	619	619	521	615	638
1990/91	889	717	675	590	714	686	671	677	686	551	750	589
1991/92	516	519	590	526	538	606	585	593	581	464	533	568
1992/93	515	500	652	545	553	758	599	667	641	469	765	567
1993/94	530	592	600	545	567	640	500	609	600	600	533	606
1994/95	550	599	500	550	554	680	530	642	623	605	540	630

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1995/96	800	805	624	500	712	600	635	607	618	809	501	627
1996/97	571	849	624	498	698	491	670	537	558	809	497	655
1997/98	622	850	606	496	695	689	450	622	632	850	500	615
1998/99	625	809	525	504	669	703	401	645	649	857	699	629
1999/00	879	820	550	504	722	720	856	746	742	857	734	647
2000/01	413	819	523	500	637	722	1213	906	868	857	700	702
2001/02	978	899	523	515	772	551	600	571	599	804	654	719
2002/03	949	900	720	565	822	589	500	557	599	823	654	669
2003/04	980	900	720	495	816	542	350	464	531	815	651	711
2004/05	899	897	720	893	847	556	909	712	732	923	987	756
2005/06	776	377	699	893	583	920	909	915	864	923	740	741
2006/07	801	750	800	603	752	926	800	871	853	909	729	736
2007/08	801	750	800	603	752	698	800	742	743	821	729	745
2008/09	801	496	850	738	677	698	800	742	732	821	729	747

Annex 114: Potato - Area

Year	Area (Hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	1975	1663	2000	1560	7198	834	525	1359	8557	2418	1030	52287
1977/78	1630	1420	2050	1600	6700	810	550	1360	8060	2930	1020	50650
1978/79	1600	1400	2000	1600	6600	800	520	1320	7920	3200	1000	50700
1979/80	1600	1400	2000	1650	6650	810	500	1310	7960	3200	1000	51330
1980/81	1500	1150	2050	1600	6300	800	700	1500	7800	2420	1100	49580
1981/82	1500	1100	2050	1600	6250	1100	910	2010	8260	2680	1100	52010
1982/83	1330	1430	2000	1600	6360	900	940	1840	8200	2500	900	59200
1983/84	2050	1150	1440	1600	6240	820	1000	1820	8060	3000	1200	58880
1984/85	1500	1050	1450	1700	5700	1000	1110	2110	7810	3200	1000	65540
1985/86	1550	1100	1530	1700	5880	1000	1150	2150	8030	3500	1500	69960
1986/87	2000	1170	2400	1650	7220	1190	1100	2290	9510	3520	1550	74310
1987/88	2030	1200	2430	1600	7260	1200	1110	2310	9570	3590	1700	80180
1988/89	2050	1110	2440	1650	7250	1250	1090	2340	9590	3520	1760	81570
1989/90	2200	1200	2550	1650	7600	1300	1140	2440	10040	3500	1600	83350
1990/91	2200	1200	2400	1650	7450	1300	1130	2430	9880	3500	1700	84280
1991/92	2200	1200	2420	1720	7540	1380	1100	2480	10020	3650	1800	85300
1992/93	2210	1220	2500	1710	7640	1390	1150	2540	10180	3650	2100	87020
1993/94	1890	1381	2510	1520	7301	1500	1000	2500	9801	4090	2000	89664
1994/95	2100	1380	2550	2000	8030	1650	1200	2850	10880	4500	2000	97634

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1995/96	2459	1610	2550	1700	8319	2512	1130	3642	11961	4500	2373	106000
1996/97	2459	1610	2550	1700	8319	3000	1489	4489	12808	4728	2325	110850
1997/98	2459	1650	2631	1700	8440	3435	1504	4939	13379	4895	2500	116290
1998/99	2500	1640	2631	1734	8505	4890	1304	6194	14699	4900	2400	118043
1999/00	2215	1728	2650	1734	8327	4665	1538	6203	14530	4403	1400	122620
2000/01	2215	1728	2090	1734	7767	4890	2000	6890	14657	4900	1500	129019
2001/02	2200	1978	2590	1785	8553	4960	2250	7210	15763	5595	1500	135093
2002/03	2250	1750	3010	2360	9370	4997	2500	7497	16867	5606	1630	140171
2003/04	2361	1790	3055	2291	9497	5101	3000	8101	17598	5600	1630	143027
2004/05	2561	1983	3055	2316	9915	5100	3500	8600	18515	4751	1700	146789
2005/06	2561	1983	3055	2316	9915	5310	3500	8810	18725	4751	1750	150864
2006/07	2510	1983	3070	2400	9963	5300	3650	8950	18913	5043	1820	153533
2007/08	2850	1983	3070	2665	10568	5300	3680	8980	19548	5043	1820	156737
2008/09	2864	2010	3085	2720	10679	5406	2750	8156	18835	6800	5400	181900

Annex 115: Potato – Production

Year	Production (Metric Ton)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	10537	8813	6000	5350	30700	5421	3414	8835	39535	15886	5886	270025
1977/78	8170	7670	10040	7120	33000	5260	3570	8830	41830	19610	5510	271870
1978/79	8000	7700	11000	10400	37100	3600	2300	5900	43000	22400	5000	278790
1979/80	8800	8120	10000	10720	37640	4050	1750	5800	43440	20800	5000	278400
1980/81	9000	7470	11270	10400	38140	4400	3850	8250	46390	17900	6050	280540
1981/82	9000	7700	12300	11200	40200	6600	5460	12060	52260	20100	5130	321100
1982/83	7830	10010	12000	10400	40240	6300	5920	12220	52460	16250	4500	372970
1983/84	10250	6900	7780	10400	35330	4100	7000	11100	46430	20700	6000	383080
1984/85	8250	6300	7520	10710	32780	7000	7770	14770	47550	20800	5500	420160
1985/86	8060	6600	7500	9100	31260	4500	5860	10360	41620	20000	6750	356720
1986/87	10000	7480	12000	9570	39050	5710	5720	11430	50480	21120	7750	395110
1987/88	11360	7200	15800	10000	44360	10210	9660	19870	64230	22610	8160	566950
1988/89	13320	8570	17080	10700	49670	11250	9920	21170	70840	24640	9680	640910
1989/90	13200	9910	18100	11550	52760	11700	13680	25380	78140	24500	12690	671810
1990/91	13200	9910	14400	11550	49060	12000	13510	25510	74570	24500	13490	738030
1991/92	14300	9450	14520	12680	50950	12500	13600	26100	77050	26390	13650	732860
1992/93	14150	9700	17500	12660	54010	11820	13220	25040	79050	26650	14070	733300
1993/94	12285	11460	17570	11205	52520	14250	10800	25050	77570	32720	14000	748913
1994/95	14070	11454	18105	12200	55829	16275	12960	29235	85064	43650	14000	838932

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1995/96	15516	14490	18105	10370	58481	22600	12995	35595	94076	43650	19459	898350
1996/97	15516	14490	18150	13600	61756	31300	17925	49225	110981	42850	17437	997400
1997/98	15516	14830	14996	16014	61356	30915	16500	47415	108771	48950	16250	971680
1998/99	20000	16400	14996	13872	65268	59852	14344	74196	139464	46550	20400	1091218
1999/00	21945	17702	15815	13870	69332	56912	22139	79051	148383	45581	10100	1182500
2000/01	21940	17720	11260	13872	64792	59852	25000	84852	149644	46550	12000	1313717
2001/02	22200	18500	21500	18042	80242	47967	30000	77967	158209	71600	12500	1472757
2002/03	23500	18875	28980	24806	96161	58965	32500	91465	187626	60682	14500	1531315
2003/04	24080	20515	28900	22900	96395	60701	42500	103201	199596	60680	14500	1643357
2004/05	26142	22719	28900	22928	100689	63750	50750	114500	215189	64612	21420	1709138
2005/06	27150	32719	33900	23900	117669	75092	50750	125842	243511	64612	22500	2084781
2006/07	30120	27760	33020	28600	119500	59890	51100	110990	230490	53910	22020	1943246
2007/08	30650	27760	33020	22160	113590	59890	53360	113250	226840	53910	22020	2054817
2008/09	30648	32475	33186	27309	123618	62310	40673	102983	226601	87280	54000	2424048

Annex 116: Potato - Yield

Year	Yield (kg per hectare)											
	Bhojpur	Dhankuta	Sankhuwasabha	Terhathum	Koshi Hills	Morang	Sunsari	Koshi Tarai	Koshi Zone	Ilam	Khotang	Nepal
1976/77	5335	5299	3000	3429	4265	6500	6503	6501	4620	6570	5715	5164
1977/78	5012	5401	4898	4450	4925	6494	6491	6493	5190	6693	5402	5368
1978/79	5000	5500	5500	6500	5621	4500	4423	4470	5429	7000	5000	5499
1979/80	5500	5800	5000	6497	5660	5000	3500	4427	5457	6500	5000	5424
1980/81	6000	6496	5498	6500	6054	5500	5500	5500	5947	7397	5500	5658
1981/82	6000	7000	6000	7000	6432	6000	6000	6000	6327	7500	4664	6174
1982/83	5887	7000	6000	6500	6327	7000	6298	6641	6398	6500	5000	6300
1983/84	5000	6000	5403	6500	5662	5000	7000	6099	5761	6900	5000	6506
1984/85	5500	6000	5186	6300	5751	7000	7000	7000	6088	6500	5500	6411
1985/86	5200	6000	4902	5353	5316	4500	5096	4819	5183	5714	4500	5099
1986/87	5000	6393	5000	5800	5409	4798	5200	4991	5308	6000	5000	5317
1987/88	5596	6000	6502	6250	6110	8508	8703	8602	6712	6298	4800	7071
1988/89	6498	7721	7000	6485	6851	9000	9101	9047	7387	7000	5500	7857
1989/90	6000	8258	7098	7000	6942	9000	12000	10402	7783	7000	7931	8060
1990/91	6000	8258	6000	7000	6585	9231	11956	10498	7548	7000	7935	8757
1991/92	6500	7875	6000	7372	6757	9058	12364	10524	7690	7230	7583	8592
1992/93	6403	7951	7000	7404	7069	8504	11496	9858	7765	7301	6700	8427
1993/94	6500	8298	7000	7372	7194	9500	10800	10020	7914	8000	7000	8352
1994/95	6700	8300	7100	6100	6953	9864	10800	10258	7818	9700	7000	8593

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1995/96	6310	9000	7100	6100	7030	8997	11500	9773	7865	9700	8200	8475
1996/97	6310	9000	7118	8000	7423	10433	12038	10966	8665	9063	7500	8998
1997/98	6310	8988	5700	9420	7270	9000	10971	9600	8130	10000	6500	8356
1998/99	8000	10000	5700	8000	7674	12240	11000	11979	9488	9500	8500	9244
1999/00	9907	10244	5968	7999	8326	12200	14395	12744	10212	10352	7214	9644
2000/01	9905	10255	5388	8000	8342	12240	12500	12315	10210	9500	8000	10182
2001/02	10091	9353	8301	10108	9382	9671	13333	10814	10037	12797	8333	10902
2002/03	10444	10786	9628	10511	10263	11800	13000	12200	11124	10824	8896	10925
2003/04	10199	11461	9460	9996	10150	11900	14167	12739	11342	10836	8896	11490
2004/05	10208	11457	9460	9900	10155	12500	14500	13314	11622	13600	12600	11644
2005/06	10601	16500	11097	10320	11868	14142	14500	14284	13005	13600	12857	13819
2006/07	12000	13999	10756	11917	11994	11300	14000	12401	12187	10690	12099	12657
2007/08	10754	13999	10756	8315	10748	11300	14500	12611	11604	10690	12099	13110
2008/09	10701	16157	10757	10040	11576	11526	14790	12627	12031	12835	10000	13326

Annex 117: Garlic and Cardamom – Area of Holdings

Area of holdings (ha)								
	Garlic				Cardamom			
	1971	1981	1991	2001	1971	1981	1991	2001
Bhojpur	48	18	8	20	2	2	34	272
Dhankuta	6	16	27	41	5	26	166	133
Sankhuwasabha	33	77	114	20		5	755	1118
Tehrathum	36	30	9	25		13	608	470
Koshi Hills	123	141	158	107	7	46	1564	1993
Morang	127	351	108	328				80
Sunsari	67	167	22	291	1	50		1
Koshi Tarai	194	518	130	619	1	50		81
Koshi Zone	317	659	287	726	7	96	1564	2073
Ilam	1	6	33	9	323	755	2543	2870
Khotang	9	47	18	12		4	23	5
Nepal		31529	2172	3336		1737	10620	11035

Annex 118: Number of Holdings with Livestock

	All			Cattle			Yak			Buffalo		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	32,101	34,293	35,866	24,343	29,536	30,854	-	-	133	15,665	16,668	19,053
Dhankuta	19,692	23,447	26,681	10,563	20,387	23,143	-	-	-	4,236	10,082	11,698
Sankhuwasabha	22,442	24,337	26,773	16,797	21,934	23,881	250	90	215	5,815	7,774	8,114
Terhathum	14,013	16,878	18,785	10,242	15,193	16,279	-	-	23	5,987	9,339	8,444
Koshi Hills	88,248	98,955	108,105	61,945	87,050	94,157	250	90	371	31,703	43,863	47,309
Morang	80,283	71,126	107,013	34,129	60,727	87,753	-	-	-	12,955	19,262	32,765
Sunsari	51,122	38,169	74,514	18,764	31,762	58,479	-	-	-	9,038	12,966	19,321
Koshi Tarai	131,405	109,295	181,527	52,893	92,489	146,232	-	-	-	21,993	32,228	52,086
Koshi Zone	219,653	208,250	289,632	114,838	179,539	240,389	250	90	371	53,696	76,091	99,395
Ilam	25,684	36,356	45,960	18,729	33,241	42,362	-	-	1,349	9,574	11,269	8,995
Khotang	35,912	38,070	39,714	26,908	32,187	33,445	-	-	488	20,243	26,707	25,199
Nepal	2,913,956	2,498,516	3,017,458	1,261,916	2,067,141	2,297,356	6,860	9,049	14,197	778,627	1,307,832	1,586,755

Annex 119: Number of Holdings with Livestock (contd...)

	Goats			Sheep			Pigs			Others		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	18,734	19,983	19,807	1,037	1,124	1,176	12,127	14,524	16,303	186	-	-
Dhankuta	9,660	17,532	20,112	227	281	68	6,899	10,717	13,527	61	15	17
Sankhuwasabha	14,236	19,801	18,278	2,422	2,165	1,504	8,421	10,415	10,659	121	-	-
Terhathum	9,544	13,345	16,076	1,480	949	542	4,826	6,723	9,968	91	120	361
Koshi Hills	52,174	70,661	74,273	5,166	4,519	3,290	32,273	42,379	50,457	459	135	378
Morang	25,771	38,951	71,228	336	43	513	6,966	13,339	24,901	603	86	-
Sunsari	11,159	19,818	40,899	81	298	158	4,190	2,915	12,907	81	-	-
Koshi Tarai	36,930	58,769	112,127	417	341	671	11,156	16,254	37,808	684	86	-
Koshi Zone	89,104	129,430	186,400	5,583	4,860	3,961	43,429	58,633	88,265	1,143	221	378
Ilam	12,786	20,710	20,942	2,506	810	2,108	8,227	10,580	15,039	118	120	-
Khotang	16,235	22,258	19,272	5,465	3,084	1,220	12,370	17,012	16,491	219	24	24
Nepal	786,966	1,382,786	1,686,362	99,851	92,748	67,694	164,059	267,465	327,804	16,558	3,468	3,934

Annex 120: Trend in holdings with Poultry

	Number of holdings with poultry		
	1981	1991	2001
Bhojpur	32,101	31,045	32,739
Dhankuta	19,692	20,253	22,923
Sankhuwasabha	22,442	22,082	23,947
Terhathum	14,013	13,042	14,856
Koshi Hills	88,248	86,422	94,465
Morang	80,283	38,823	60,003
Sunsari	51,122	13,921	38,247
Koshi Tarai	131,405	52,744	98,250
Koshi Zone	219,653	139,166	192,715
Ilam	25,684	27,320	33,114
Khotang	35,912	34,988	33,420
Nepal	716,887	1,400,435	1,594,366

Annex 121: Distribution of Holdings with Fruits

	Total			Permanent Crops			Orange		
	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	32,101	35,735	37,042	13,597	17,496	12,909	895	7,901	4,303
Dhankuta	19,692	24,585	28,374	512	17,032	15,355	49	7,170	5,705
Sankhuwasabha	22,442	25,382	28,227	1,554	19,294	13,915	134	6,312	1,339
Terhathum	14,013	17,191	19,293	2,183	11,548	14,258	199	3,603	4,640
Koshi Hills	88,248	102,893	112,936	17,846	65,370	56,437	1,277	24,986	15,987
Morang	80,283	77,857	115,162	3,057	37,543	72,596		214	228
Sunsari	51,122	43,746	81,680	14,704	7,302	42,602			
Koshi Tarai	94,296	95,048	134,455	5,240	49,091	86,854	199	3,817	4,868
Koshi Zone	182,544	197,941	247,391	23,086	114,461	143,291	1,476	28,803	20,855
Ilam	25,684	37,879	48,490	7,436	6,968	9,080	209	762	1,349
Khotang	35,912	39,435	41,373	1,773	17,318	12,539	273	4,377	4,001
Nepal	2,185,732	2,736,050	3,364,139	148,455	1,318,125	1,357,843	10,372	277,735	265,870

Annex 122: Number of Holdings with Fruits (contd...)

	Junar			Lemon			Lime			Sweet orange		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur			710	961	3,948	1,774	803	2,483	843	270	63	44
Dhankuta			3,725	26	4,479	2,015	10	1,243	745		222	135
Sankhuwasabha			347	141	4,595	2,000	63	3,448	1,041		283	99
Terhathum			779	310	5,179	5,814	58	293	147	54	60	102
Koshi Hills			5,561	1,438	18,201	11,603	934	7,467	2,776	324	628	380
Morang			513		1,918	4,445		811	1,368		43	114
Sunsari			119		1,001	2,732		1,702	752		21	40
Koshi Tarai			1,292	310	7,097	0,259	58	1,104	1,515	54	103	216
Koshi Zone			6,853	1,748	25,298	21,862	992	8,571	4,291	378	731	596
Ilam			112	314	405	1,377	66	119	197	88		
Khotang			244	163	1,342	1,512	360	3,955	2,610		48	49
Nepal			23,773	7,817	190,238	191,890	11,924	164,312	130,961	1,800	24,381	36,991

Annex 123: Number of Holdings with Fruits (contd...)

	Other citrus			Mango			Banana			Guava		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	392	869	510	1,027	3,186	2,018	1,627	6,602	6,654	1,009	3,757	1,065
Dhankuta	16	2,601	1,371	85	1,966	3,234	85	8,279	6,129	63	4,006	2,048
Sankhuwasabha	57	2,671	545	180		1,851	354	12,191	8,676	115	4,075	1,504
Terhathum	175	1,474	3,025	194	1,866	1,310	190	5,513	4,640	124	2,978	2,145
Koshi Hills	640	7,615	5,451	1,486	7,018	8,413	2,256	32,585	26,099	1,311	14,816	6,762
Morang		1,321	8,319	754	24,589	45,643	594	19,858	33,107	159	6,136	14,303
Sunsari		21	1,900	2,360	13,498	29,972	2,048	5,301	18,846	1,367	1,150	6,374
Koshi Tarai	175	2,795	11,344	948	26,455	46,953	784	25,371	37,747	283	9,114	16,448
Koshi Zone	815	10,410	16,795	2,434	33,473	55,366	3,040	57,956	63,846	1,594	23,930	23,210
Ilam	374	167	225	246	1,402	2,502	1,054	2,927	5,369	934	358	1,096
Khotang		1,390	512	218	4,165	2,976	218	8,707	3,562	163		927
Nepal	4,612	114,029	104,295	57,331	460,718	565,678	39,446	535,929	467,383	24,983	247,450	229,423

Annex 124: Number of Holdings with Fruits (contd...)

	Jackfruit			Pineapple			Lychee			Apple		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	634	1,422	1,176	391	212	177		190	665		369	44
Dhankuta	85	489	982	26	252	440		223	1,524		1,332	423
Sankhu-wasabha	83		1,306	83	597	364		613	463		90	132
Terhathum	40	161	440	8	171	169		60	135		313	621
Koshi Hills	842	2,072	3,904	508	1,232	1,150	-	1,086	2,787		2,104	1,220
Morang	194	7,458	13,904	17	470	1,823	26	4,900	12,080			114
Sunsari	1,685	4,343	7,681	209	383	238	1,269	2,447	4,672			40
Koshi Tarai	234	7,619	14,344	25	641	1,992	26	4,960	12,215		313	735
Koshi Zone	1,076	9,691	18,248	533	1,873	3,142	26	6,046	15,002		2,417	1,955
Ilam	133	191	1,434	163		506		144	422		48	112
Khotang			488		401	49		377	268		637	439
Nepal	19,770	122,661	136,047	3,326	25,705	26,390	3,383	43,161	79,415		54,378	35,010

Annex 125: Number of Holdings with Fruits (contd...)

	Pear			Plum			Papaya			Pomegranate		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	429	1,422	1,220		3,376	1,198	138	127	355		276	
Dhankuta	21	2,898	1,795		2,084	1,371	16	517	119		238	491
Sankhuwasabha	76	3,164	2,033		6,087	3,355	6	269	1,157		1,195	314
Terhathum	116	1,513	2,608		2,221	5,961	55	484	452		311	361
Koshi Hills	642	8,997	7,656		13,768	11,885	215	1,397	2,083		2,020	1,166
Morang			627		554	2,564	123	3,836	11,681		172	969
Sunsari					128	198	602	2,448	6,691		533	317
Koshi Tarai	116	1,513	3,235		2,775	8,525	178	4,320	12,133		483	1,330
Koshi Zone	758	10,510	10,891		16,543	20,410	393	5,717	14,216		2,503	2,496
Ilam	405	358	590		310	675	7	239	731			112
Khotang	108	1,319	1,464		2,895	1,756	54	190	927		331	244
Nepal	4,652	75,682	113,641		190,472	206,322	14,634	175,025	191,636		22,938	25,865

Annex 126: Number of Holdings with Fruits (contd...)

	Other fruits			Tea			Thatch			Fodder tree			Bamboo		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	3,854	701	488		42	22		529	2,440		15,904	10,602		10,383	10,092
Dhankuta	15	1,052	1,354		45	135		3,608	3,149		19,249	21,873		15,863	12,883
Sankhu-wasabha	115	2,791	281		284	99		1,329	1,339		20,501	6,082		17,622	8,891
Terhathum	87	514	2,427		201	1,174		1,523	948		13,486	17,114		11,629	11,650
Koshi Hills	4,071	5,058	4,550		572	1,430		6,989	7,876		69,140	55,671		55,497	43,516
Morang	1,190	14,064	38,007			798		171	399		3,326	7,750		11,123	25,357
Sunsari	5,164	1,321	12,630			79		149	40		149	1,742		6,982	18,925
Koshi Tarai	1,277	14,578	40,434		201	1,972		1,694	1,347		16,812	24,864		22,752	37,007
Koshi Zone	5,348	19,636	44,984		773	3,402		8,683	9,223		85,952	80,535		78,249	80,523
Ilam	3,264	2,592	1,799		785	7,028		5,778	4,329		1,902	12,312		71	6,269
Khotang	108	1,225	756		48	220		8,542	1,342		21,552	17,076		23,200	8,611
Nepal	116,167	149,971	156,597		7,572	21,824		217,600	266,305		572,873	585,447		405,444	353,197

Annex 127: Total Area of Holdings under different Fruits

	Total			Permanent Crops			Orange			Junar		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	17,208	36,099	33,641	146	119	206	7	53	136			5
Dhankuta	40,723	27,754	24,800	35	166	484	2	97	213			67
Sankhuwasabha	15,329	22,446	25,201	23	53	194	2	28	33			3
Terhathum	33,331	26,364	19,412	213	109	137	6	24	66			2
Koshi Hills	106,591	112,663	103,054	417	447	1,021	17	202	448			77
Morang	107,695	110,912	116,529	591	463	258		2				
Sunsari	72,109	64,197	80,411	1,152	477	643						1
Koshi Tarai	179,804	175,109	196,940	1,743	940	901	-	2	-			1
Koshi Zone	286,395	287,772	299,994	2,160	1,387	1,922	17	204	448			78
Ilam	59,986	54,676	52,890	1,054	1,353	727	19	135	128			
Khotang	9,113	39,600	33,676	23	303	54	2	62	32			1
Nepal	2,463,717	2,598,971	2,654,037	29,144	29,387	33,238	622	2,390	3,200			513

Annex 128: Total Area of Holdings under different Fruits (contd...)

	Lemon			Lime			Sweet orange			Other citrus		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	1	3	17	1	0				0		0	1
Dhankuta		8	4			3			1		4	13
Sankhuwasabha	1	2	12		1	2		2	3			2
Terhathum	31	22	14	2	1		10			20	0	2
Koshi Hills	33	35	47	3	2	5	10	2	4	20	4	17
Morang		2			2							6
Sunsari		1	2		2							1
Koshi Tarai	-	3	2	-	4	-	-	-	-	-	-	7
Koshi Zone	33	38	49	3	6	5	10	2	4	20	4	24
Ilam	23	41	5	4	4	0				39	23	18
Khotang		6		3	15	1					3	
Nepal	428	446	623	391	182	292	59	49	228	174	370	339

Annex 129: Total Area of Holdings under different Fruits (contd...)

	Mango			Banana			Guava			Jackfruit		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	2	9	7	12	16	20	4		4	1	2	1
Dhankuta	1	2	57	19	17	61		3	0	1		8
Sankhuwasabha			16	1	11	63		3	7			2
Terhathum	14	1	1	22	24	12	9	1				16
Koshi Hills	17	12	81	54	67	157	13	7	11	2	2	27
Morang	84	260	132	98	96	56	1	12	1	18	2	2
Sunsari	200	344	359	219	74	180	40	1	21	44	14	31
Koshi Tarai	284	603	491	317	170	236	41	13	22	62	16	33
Koshi Zone	301	615	572	371	237	392	54	20	33	64	18	60
Ilam	8	13	23	127	51	94	129	5	5	3		33
Khotang	1	48	3	2	105	2		9			15	
Nepal	5,189	15,203	18,479	4,006	2,126	3,140	1,093	358	484	1,782	587	676

Annex 130: Total Area of Holdings under different Fruits (contd...)

	Pineapple			Lychee			Apple			Pear		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur	1	1	1		3	3		30	0			2
Dhankuta		5	8			25		21	0			7
Sankhuwasabha		1	7		3	10		2				7
Terhathum	3	1	5						2	4	1	4
Koshi Hills	4	8	22	-	6	38		53	2	4	1	20
Morang	1	1	1	5	23	12						
Sunsari	24	2		31	16	33						
Koshi Tarai	25	3	1	36	38	44		-	-	-	-	-
Koshi Zone	29	12	23	36	45	82		53	2	4	1	20
Ilam	6		13		8	19			29	29	5	24
Khotang		3			1			20			3	
Nepal	378	249	229	128	277	779		605	1,380	201	114	346

Annex 131: Total Area of Holdings under different Fruits (contd...)

	Plum			Papaya			Pomegranate			Other fruits		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur			1							106	2	4
Dhankuta		2	2			1		2	3		4	10
Sankhuwasabha			12			12		0	1	19		2
Terhathum		0	7	1		3				87	0	3
Koshi Hills		2	21	1	-	17		2	4	212	6	19
Morang		6		11						373	59	50
Sunsari		0	0	29	3	0		1		565	18	15
Koshi Tarai		6	0	40	3	0		1	-	938	76	64
Koshi Zone		8	21	41	3	17		3	4	1,150	83	83
Ilam		4	27	6		36			0	752	269	273
Khotang		8	14		3					15	4	
Nepal		113	447	711	110	301		77	87	13,707	2,662	1,696

Annex 132: Total Area of Holdings under different Fruits (contd...)

	Tea			Thatch			Fodder tree			Bamboo		
	1981	1991	2001	1981	1991	2001	1981	1991	2001	1981	1991	2001
Bhojpur			3		163	421		4	94		30	124
Dhankuta		2	17		1,336	338		15	247		102	102
Sankhuwasabha		1			160	311		4	24		7	19
Terhathum		35	36		2,739	154		77	53		189	45
Koshi Hills		37	56		4,399	1,223		99	417		327	290
Morang						22		4	34		30	403
Sunsari					201			5	3		242	472
Koshi Tarai		-	-		201	22		9	37		272	875
Koshi Zone		37	56		4,599	1,245		108	454		599	1,165
Ilam		798	3,247		1,334	1,228		318	2,604		607	947
Khotang			4		1,656	334		188	53		696	13
Nepal		3,467	6,197		66,385	67,643		2,455	7,281		6,024	6,346

Annex 133: Number of holdings with agricultural implements and facilities by source

	All		Iron ploughs		Power tillers		Shallow tube well		Deep tube well		Rower pump	
	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001
Bhojpur	35,735	37,042		1,575		22						22
Dhankuta	24,585	28,374		68		51		17		34		34
Sankhuwasabha	25,382	28,227										
Terhathum	17,191	19,293		34		11						34
Koshi Hills	102,893	112,936	-	1,677	-	84	-	17	-	34	-	90
Morang	77,857	115,162	17,258	69,975		114	3,920	13,505	1,704	2,507	128	285
Sunsari	43,746	81,680	12,494	49,768	21	277	5,618	19,163	3,918	3,088	64	238
Koshi Tarai	121,603	196,842	29,752	119,743	21	391	9,538	32,668	5,622	5,595	192	523
Koshi Zone	224,496	309,778	29,752	121,420	21	475	9,538	32,685	5,622	5,629	192	613
Ilam	37,879	48,490	24	3,289		84		1,040	48	56		
Khotang	39,435	41,373		561								
Nepal	2,736,050	3,364,139	315,313	870,890	5,597	15,609	50,891	120,130	20,180	58,682	3,490	22,755

Annex 134: Number of holdings with agricultural implements and facilities by source (contd...)

	Tractor		Thresher		Pumping set		Animal	drawn	Sprayer		Others	
	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001
Bhojpur		22							42	89	21	909
Dhankuta		17		17		34		17	149	1,405	15	694
Sankhuwasabha				17	30	17		17	284	297	60	182
Terhathum		23						11	90	508	120	45
Koshi Hills	-	62	-	34	30	51	-	45	565	2,299	216	1,830
Morang	384	11,112	384	16,240	3,538	12,650	12,614	11,738	683	7,522	3,281	1,311
Sunsari	467	8,869	5,534	13,145	7,599	7,681	14,263	15,798	7,984	11,205	3,490	2,138
Koshi Tarai	851	19,981	5,918	29,385	11,137	20,331	26,877	27,536	8,667	18,727	6,771	3,449
Koshi Zone	851	20,043	5,918	29,419	11,167	20,382	26,877	27,581	9,232	21,026	6,987	5,279
Ilam		84		28		56		169		1,771		5,706
Khotang								24		24		6,025
Nepal	35,240	272,938	85,609	249,474	81,353	210,392	205,424	226,564	50,283	203,140	298,929	450,332

Annex 135: Distribution of holdings with Food Sufficiency, 2001

	All	Sufficient to feed the household	Not sufficient to feed the household	Period of insufficiency				
				1 to 3 months	4 to 6 months	7 to 9 months	10 to 12 months	Not stated
Bhojpur	37,042	14,284	22,758	6,699	11,578	3,349	954	178
Dhankuta	28,374	7,889	20,485	3,538	9,023	4,910	2,844	170
Sankhuwasabha	28,227	13,568	14,659	4,264	6,247	2,248	1,355	545
Terhathum	19,293	6,028	13,265	2,393	7,022	2,088	1,614	148
Koshi Hills	112,936	41,769	71,167	16,894	33,870	12,595	6,767	1041
Morang	115,162	43,079	72,083	10,941	26,440	11,681	22,850	171
Sunsari	81,680	28,942	52,738	6,889	17,856	6,454	21,103	436
Koshi Tarai	196,842	72,021	124,821	17,830	44,296	18,135	43,953	607
Koshi Zone	309,778	113,790	195,988	34,724	78,166	30,730	50,720	1648
Ilam	48,490	18,581	29,909	9,192	12,453	4,273	3,767	224
Khotang	41,373	19,955	21,418	6,465	10,856	2,854	1,147	96
Nepal	3,364,139	1,337,965	2,026,174	439,592	877,362	342,040	357,544	9636

Annex 136: Distribution of food insufficiency holdings by types of coping strategies, 20017

Area	All	Borrowing	Income within district	Income Nepal but within outside district	Income outside Nepal	Other
Bhojpur	37,042	5,368	15,748	2,773	1,242	976
Dhankuta	28,374	4,740	12,799	626	643	6,399
Sankhuwasabha	28,227	2,595	10,775	925	463	876
Terhathum	19,293	2,585	9,370	327	993	1,445
Koshi Hills	112,936	17,443	52,121	4,950	2,991	14,650
Morang	115,162	24,560	53,279	1,823	4,616	16,753
Sunsari	81,680	6,295	40,226	4,553	1,980	3,999
Koshi Tarai	196,842	30,855	93,505	6,376	6,596	20,752
Koshi Zone	309,778	48,298	145,626	11,326	9,587	35,402
Ilam	48,490	8,405	21,364	618	506	3,626
Khotang	41,373	2,683	15,417	2,122	1,073	1,317
Nepal	3,364,139	241,975	1,390,038	174,393	266,421	165,793

Annex 137: Number of holdings with Agriculture Loan by Sources

	Total number of holdings		Total number of holdings with credit		Major source							
					Sajha		Agriculture Development Bank/Nepal		Commercial Bank		Non-institution	
	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001
Bhojpur	35,735	37,042	4,201	13,198	84	244	2,208	3,815	424	22	1,422	8,784
Dhankuta	24,585	28,374	6,123	7,720	547	305	3,356	3,843	1,184	220	844	2,997
Sankhu-wasabha	25,382	28,227	5,567	6,462	358	297	2,776	1,735	45	116	2,283	3,851
Terhathum	17,191	19,293		6,717		316		3,500		11		2,371
Koshi Hills	102,893	112,936	15,891	34,097	989	1,162	8,340	12,893	1,653	369	4,549	18,003
Morang	77,857	115,162	18,880	43,535	4,006	3,134	5,539	12,821	1,237	3,305	7,585	20,172
Sunsari	43,746	81,680	10,684	23,597	1,171	594	4,236	6,018	595	554	4,257	15,124
Koshi Tarai	121,603	196,842	29,564	67,132	5,177	3,728	9,775	18,839	1,832	3,859	11,842	35,296
Koshi Zone	224,496	309,778	45,455	101,229	6,166	4,890	18,115	31,732	3,485	4,228	16,391	53,299
Ilam	37,879	48,490		16,557		309		5,032		675		10,092
Khotang	39,435	41,373		11,148				3,781		146		6,611
Nepal	2,736,050	3,364,139	622,048	801,298	42,956	32,462	204,952	227,124	44,561	31,092	306,022	477,418

Annex 138: Distribution of holdings by Agriculture Loan

Area	Total	Loan with “No Need”		Loan with “Need”	
		Number	%	Number	%
Bhojpur	37,042	23,733	64	13,309	56
Dhankuta	28,374	20,163	71	8,211	41
Sankhuwasabha	28,227	21,831	77	6,396	29
Terhathum	19,293	10,499	54	8,794	84
Koshi Hills	112,936	76,226	67	36,710	48
Morang	115,162	70,545	61	44,617	63
Sunsari	81,680	57,291	70	24,389	43
Koshi Tarai	196,842	127,836	65	69,006	54
Koshi Zone	309,778	204,062	66	105,716	52
Ilam	48,490	29,150	60	19,340	66
Khotang	41,373	28,029	68	13,344	48
Nepal	3,364,139	2,541,049	76	823,090	32

Annex 139: Distribution of number of holdings by purposes of agriculture loan

	Total number of holdings with agriculture loan	Purposes of loan									
		Cereal farming	Cash crop farming	Vegetable farming	Fruit farming	Livestock farming	Fisheries	Bio-gas	Agricultural implements	Irrigation	Others
Bhojpur	13,198	2,884	998	266	155	9,893	67			67	
Dhankuta	7,720	982	830	846	372	6,382	85	17		220	68
Sankhu-wasabha	6,462	611	2,413	331	331	3,867	50	17	17	33	17
Terhathum	6,717	440	2,088	666	1,072	6,051	169		34	34	237
Koshi Hills	34,097	4,917	6,329	2,109	1,930	26,193	371	34	51	354	322
Morang	43,535	14,417	342	1,539	57	26,839	228	399	171	1,823	684
Sunsari	23,597	9,581	238	1,544		13,105	356		356	990	713
Koshi Tarai	67,132	23,998	580	3,083	57	39,944	584	399	527	2,813	1,397
Koshi Zone	101,229	28,915	6,909	5,192	1,987	66,137	955	433	578	3,167	1,719
Ilam	16,557	1,293	7,927	309	647	12,003	84	28	169	197	225
Khotang	11,148	366	610	244	220	12,100	49		24		24
Nepal	801,298	169,213	42,827	62,780	28,732	508,889	6,109	1,575	12,199	20,953	6,156

Annex 140: Distribution of number of employed workers by type of agriculture land holdings

Areas	All		Holdings that do not employ workers		Holdings that employ workers		Type of workers employed					
							Holdings that employ permanent workers		Holdings that employ occasional workers		Holdings that employ both permanent and occasional workers	
	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001	1991	2001
Bhojpur	35,735	37,042	27,286	25,641	8,449	11,401	148	244	7,921	11,002	380	155
Dhankuta	24,585	28,374	12,862	19,672	11,723	8,702	740	254	10,378	8,092	605	356
S_sabha	25,382	28,227	13,952	18,939	11,430	9,288	60	149	10,415	8,891	957	248
Terhathum	17,191	19,293	8,258	12,711	8,933	6,582	70	23	8,721	6,412	140	147
Koshi Hills	102,893	112,936	62,358	76,963	40,535	35,973	1,018	670	37,435	34,397	2,082	906
Morang	77,857	115,162	37,461	62,054	40,396	53,108	1,065	741	34,730	48,264	4,604	4,103
Sunsari	43,746	81,680	20,542	39,553	23,204	42,127	703	238	19,692	38,365	2,810	3,524
Koshi Tarai	121,603	196,842	58,003	101,607	63,600	95,235	1,768	979	54,422	86,629	7,414	7,627
Koshi Zone	224,496	309,778	120,361	178,570	104,135	131,208	2,786	1,649	91,857	121,026	9,496	8,533
Ilam	37,879	48,490		31,005		17,485		281		16,613		590
Khotang	39,435	41,373	23,507	26,419	15,928	14,954	165	537	14,965	14,344	800	73
Nepal	2,736,050	3,364,139	1,760,845	2,225,575	975,205	1,138,564	38,790	23,220	830,226	1,046,401	106,227	68,944