

APPENDICES

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Appendix Table 1

Poverty and development rank of worst five districts in ecological belts based on HDI

Ecological Belt	Name of Districts	HDI Value	HDI Rank		PD
			Overall	Eco-Belt	Rank
Mountains	Mugu	0.147	1	1	5
	Bajura	0.173	2	2	12
	Kalikot	0.177	3	3	2
	Bajhang	0.201	4	4	6
	Dolpa	0.218	5	5	40
Hills	Jajarkot	0.210	6	1	17
	Achham	0.235	8	2	1
	Dailekh	0.246	11	3	3
	Doti	0.249	12	4	9
	Salyan	0.250	13	5	44
Tarai	Kapilvastu	0.286	20	1	26
	Dang	0.299	23	2	48
	Kailali	0.299	24	3	20
	Nawalparasi	0.300	25	4	38
	Bardiya	0.304	26	5	22

Source: Extracted from Districts of Nepal: Indicators of Development, ICIMOD, Kathmandu, Nepal, 1997

Appendix Table 2

Structure of economy: Nominal gross domestic product

S. No	Sectors	Nominal GDP			Real GDP		
		1990	2000	Growth	1990	2000	Growth
Gross Domestic Product (Rs million)		116127	393473	12.98	59767	96843	4.94
1	Agriculture	149040	10.41	28496	36682	2.56	2.17
2	Non-agriculture	244433	14.94	31271	60161	6.76	5.63
2.1	Mining and quarrying	1981	13.17	296	488	5.12	5.53
2.2	Manufacturing	35566	16.24	4063	8754	7.98	9.21
2.3	Electricity, gas and water	6989	23.97	419	1720	15.16	4.75
2.4	Construction	39571	13.58	5701	9739	5.50	1.16
2.5	Trade, Restaurant and hotels	45381	13.40	6640	11169	5.34	5.24
2.6	Transport and Communication	33050	17.55	3376	8134	9.19	7.68
2.7	Financial and Real Estate	41835	14.35	5633	10297	6.22	5.60
2.8	Community and Social services	40060	14.90	5142	9860	6.73	5.76

Source: *Economic Survey*, MOF-2000/01 and 2001/02.

Appendix Table 3

Structure and growth of foreign trade

(Amount in Rs billion)

<i>Particulars</i>	1990	2000	Growth (%)
Export	7.39	55.64	22.37
Food and live animals	1.00	4.78	16.93
Others	6.39	50.86	23.05
Import	23.23	115.69	17.42
Food and live animals	1.80	6.00	12.79
Others	21.40	109.69	17.75
Trade Gap	-15.84	-60.05	14.26
Food and live animals	-0.80	-1.22	4.31
Others	-15.01	-58.83	14.64

Source: *Economic Survey*, MOF-1998/99

Appendix Table 4

Proportion of households consulting different medical practitioners

Particulars	Proportion of households (%)				Total
	Not consulting	Consulting			
		Doctors	Paramedical	Traditional	
Ecological Belt					
Mountains	44.49	24.7	20.25	10.57	100
Hills	39.61	30.24	24.29	5.86	100
Tarai	28.67	40.03	26.32	4.98	100
Nepal	34.38	34.83	25.03	5.76	100
Sex					0
Male	33.2	35.61	26.72	4.47	100
Female	35.55	33.99	23.47	6.98	100
Area of Residence					0
Urban	23.65	66.15	7.48	2.72	100
Rural	35.01	32.99	26.06	5.94	100

Source: CBS, 1997. NLLSS 1996

Appendix Table 5

Shares of different sources of household income

Particulars	Share of			
	Farm Income	Non Farm Income	Other Income	Total
Ecological Belt				
Mountains	62	18	20	100
Hills	58	24	18	100
Tarai	64	22	14	100
				0
Nepal	61	22	16	99
				0
Area of Residence				0
Urban	16	54	31	101
Rural	65	20	15	100
				0
Consumption Group				0
First quintile	69	19	12	100
Second quintile	69	21	10	100
Third quintile	64	20	16	100
Forth quintile	63	20	17	100
Fifth quintile	47	18	25	90

Source: CBS, 1997. *National Living Standard Survey, 1996*

Appendix Table 6

Table development of irrigation facility, 1974/75-1999/00

(Area in Ha)

Year	Hill and Mountain	Tarai	Total
74/75	9646	183536	193182
76	11187	185616	196803
77	13020	203876	216896
78	13520	211216	224736
79	13825	233508	247333
80	17139	271468	288607
81	17239	280743	297982
82	17327	292043	309370
83	17852	305543	323395
84	18442	322668	341110
85	23964	357623	381587
86	28008	380809	408818
87	30638	414752	445390
88	35461	444531	479992
89	53290	480005	533296
90	56886	502076	558962
91	63307	517943	581250
92	71999	543084	615083
93	83552	591454	675006
94	89818	618720	708539
95	94033	639877	733911
96	104821	677620	782441
97	131199	649306	858248
98	142990	687425	886249
98/99	153235	715166	921936
99/2000	140910	781026	921936
Growth (74/75-96/97)	11.84	5.86	6.92
Growth (74/75-99/00)	11.32	5.96	6.45

Source: Computed from information provided in *Economic Survey*, MOF, 1997/98 and SINA, MOAC 1995-200 (Different Volumes).

Appendix Table 7

Liberalization of real sector

Type and policy intervention	Intended objectives
Privatization of PEs commenced in 1992	<ul style="list-style-type: none"> • increase production, employment and revenue • lessen fiscal burden on the national treasury
Free entry of private sector in education and health	<ul style="list-style-type: none"> • promote competition with a view to provide quality services
Leasing out of state farm to private sector	<ul style="list-style-type: none"> • relieve fiscal strain on the national treasury
Private sector free to import and distribute chemical fertilizers	<ul style="list-style-type: none"> • easier and timely availability of chemical fertilizer
Infrastructure development open to the private sector	<ul style="list-style-type: none"> • increased investment on infrastructure • relieve the fiscal burden of the national treasury
Tax reforms	<ul style="list-style-type: none"> • reduced cost and increased supply • higher revenue • simple transparent and development friendly revenue administration
Industrial enterprises Act, 1992	<ul style="list-style-type: none"> • increased production, employment and revenue • benefits of increased competition • attraction foreign investment
Gradual withdrawal of subsidies (continuing)	<ul style="list-style-type: none"> • elimination distortions in production structure • promote competition, supply, availability and quality • save financial resources to spend in social development

Source: OXFAM GB-Nepal, 1998.

Appendix Table 8

Share of agricultural trade to total trade

Particulars	1990	2000
Export (Rs billion)	7.39	55.64
% of Food and live animals	13.53	8.59
% of Others	86.47	91.41
Import (Rs billion)	23.23	115.69
% of Food and live animals	7.75	5.19
% of Others	92.12	94.81
Trade Gap (Rs billion)	-15.84	-60.05
% of Food and live animals	5.05	2.03
% of Others	94.76	97.97

Source: *Economic Survey*, MOF-2001/02

Appendix Table 9

Trends in balance of payment situation

(Rs in billion)

Particulars	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	Growth Rate (%)
Trade balance	-15.85	-18.36	-21.97	-32.31	-46.06	-54.66	-71.00	-61.54	21.38
Net of services	2.69	3.89	5.06	17.48	23.56	20.92	39.36	29.13	40.54
Net of transfers	3.66	4.29	6.94	6.81	10.71	12.19	15.13	17.30	24.84
Current account balance	-9.50	-10.07	-9.97	-8.03	-11.79	-21.54	-16.51	-15.03	6.77
Net capital inflows	6.30	7.33	5.47	10.72	8.80	7.40	8.39	10.37	7.38
Miscellaneous capital	7.33	6.14	12.24	3.59	2.67	12.67	1.62	0.68	-28.73
Foreign direct investment	0.00	0.00	0.00	0.00	0.00	0.39	9.70	14.94	237.74
Balance of payment	4.13	3.39	7.74	6.28	-0.31	-1.08	3.20	10.97	14.96

Source: *Economic Survey*, MOF, 1998/99.

Appendix Table 10*General trend of price indices*

Year	Trend Price Indices			
	General	Agriculture	Non-agriculture	Consumer Price Index
1985	100.00	100.00	100.00	100.00
1986	114.41	116.08	112.72	104.10
1987	128.91	131.92	126.03	120.60
1988	144.15	148.60	139.90	136.60
1989	160.38	162.12	158.70	151.70
1990	177.56	181.72	173.49	161.30
1991	194.30	195.15	193.52	179.90
1992	231.78	232.12	231.50	197.60
1993	256.02	241.25	259.63	239.30
1994	274.94	268.49	279.83	260.30
1995	292.91	286.02	297.85	283.70
1996	315.93	310.18	319.96	305.40
1997	339.56	334.42	343.13	317.20
1998	352.91	342.27	360.01	341.60
1999	384.62	392.09	379.77	367.00
2000	400.22	403.25	398.29	400.00

Source: *Economic Survey*, MOF, 2000/01**Appendix Table 11****New irrigation projects and corresponding budget allocations**

1994/95 to 1999/2000

Fiscal Year	Number of new projects			Budget for new projects (Rs 000)		
	HMG	Donor	Total	HMG	Donor	Total
1994/95	1	4	5	1500	35120	36620
1995/96	5	2	7	186255	34755	221010
1996/97	3	2	5	220900	406130	627030
1997/98	0	7	7	0	747729	747729
1998/99	2	2	4	29300	181500	210800
1999/2000	0	1	1	0	1765	1765

Source: CPRA, 1998 and Government Red Book, MOF 1999 and 2000.

Appendix Table 12

Budget allocation in irrigation sector

FY	APP Target (Billion Rs)*	Budget (Billion Rs)	Annual Increase (%)	Share of total budget for Agriculture and Rural Development Sector (%)
1994/95		2.42	-	26.6
1995/96		3.15	30.5	28.7
1996/97		3.29	4.3	28.9
1997/98	1.82	3.26	-0.8	28.2
1998/99	1.90	3.57	9.5	29.0
1999/2000	2.06	4.05	13.6	29.3

* : Refers to APP (Interim) prescribed subsidy investment in the irrigation sector.

Source: CPRA, 1998 and HMG/N, Red Book, 1998 and 1999, Ministry of Finance.

Appendix Table 13

Achievements of irrigation sector area expansion and investment in post APP period

Particulars	Irrigated Area (ha)	Budget to New Projects (Rs million)	
		Nominal	Real (1994/95 price)
Target			
1997/98	22,400	1,818	1,511
1998/99	26,400	1,890	1,571
Total	48,800	3,073	3,087
Achievements			
1997/98	21,447	747.7	621.5
1998/99	49,015	210.8	160.5
Total	70,462	951.5	782.0

Source: Computed from data provided in CPRA, 1998 and HMG/N, Red Book, 1998 and 1999, Ministry of Finance and JMA/APROSC, 1997

Appendix Table 14

Loan disbursement of Agriculture Development Bank

Purpose	Pre-APP period		Post-APP period				Growth rate (%)	
	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	1995-96	97-2001
Priority inputs	1652.6	1670.7	1998	2 578.8	3 450.8	3 771.2	1.1	22.57
Cereal crops	519.7	474.4	611.7	720.2	820.1	820.1	-8.7	14.66
Cash crops	461.2	480.1	558.3	745.7	932.4	1 019.2	4.1	20.71
Marketing	488.9	557.7	719.9	997.3	1 525.2	1 878.3	14.1	35.47
Irrigation	182.8	158.5	108.1	115.6	173.1	53.6	-13.3	-23.74
Priority outputs	1 412.7	1 556.5	1 741.9	2 032.1	2 501.3	2 804.7	10.2	15.86
Livestock	741	773.2	866.6	1 029.3	1 217.3	1 379.3	4.3	15.57
Horticulture	34.8	33	36	30.1	45.3	41.2	-5.2	5.71
Agro-industry	625.1	724.3	829.5	946.9	1 181.7	1 300.8	15.9	15.76
Warehouse & cold store	11.8	26	9.8	25.8	57	83.4	120.3	33.83
APP Sectors	3 065.3	3 227.2	3 739.9	4 610.9	5 952.1	6 575.9	5.3	19.48
Non APP Sectors	649.3	627	690.2	951.5	1 114.7	1 330.2	-3.4	20.69
Farm mech.	462.9	435.8	472.2	707.3	854.1	1 015.6	-5.9	23.55
Bio gas	125.2	129.6	159.1	141.9	87.5	98.2	3.5	-6.70
Tea and coffee	44.4	45.2	41.8	83.6	138	154.5	1.8	35.97
Forest	0	0	0	0	16	38.2	NA	NA
Housing and land dev.	16.8	16.4	17.1	18.7	19.1	23.7	NA	NA
Total	3 714.6	3 854.2	4 430.1	5 562.4	7 066.8	7 906.1	3.8	19.68

Appendix Table 15*Budget allocation to livestock sector by program area*

(Rs '000)

Program Area/ Source	1995	1996	1997	1998
Extension and training	6543	13537	182679	195866
HMG	0	3537	7949	18015
Donor	6543	10000	174730	177851
Input supply	50461	51403	159317	177043
HMG	29241	28350	29212	34770
Donor	21220	23053	130105	142273
Market support	0	0	20348	22582
HMG	0	0	0	0
Donor	0	0	20348	22582
Veterinary services	20198	74281	157801	158475
HMG	20198	0	26727	27375
Donor	0	74281	131077	131100
Total livestock development	77202	139221	520145	553966
HMG	49439	31887	63888	80160
Donor	47961	107334	482984	501181

Source: Nepal: Public Expenditure Review of the Agriculture and Rural development Sector, CEPRA, 1998.

Appendix Table 16

Investment in high value crops sector

Unit: Rs. in '000

Investment areas	1995/96	1996/97	1997/98	1998/99	1999/00
Sericulture development program	53299	30752	33800	27307	29907
Kirtipur horticulture development program	9145	8672	8375	9294	0
horticulture farms	23448	23117	26071	29068	39355
Citrus products processing program	1659	1368	1439	1219	2222
Hill fruit development program	30093	30752	0	0	0
Apple products processing program	0	0	New	400	767
Vegetable seed production center	5197	4300	4413	7496	16098
Rural market development project		4004	5398	6923	7922
Seed promotion project	0	0	11711	10175	23536
Cardamom, dry ginger, and potato development program	2847	2663	3137	1341	6248
Seed development and control services	4226	4338	3106	3855	4358
Hill vegetable and seed project	3088	8980	0	0	0
Agriculture market development program	4392	3495	3761	11079	11370
Small market infrastructure development project	20467	20767	786	642	717
Rural development market project (agriculture)	0	20348	28820	33960	37327
Total	157861	163556	130817	142759	179827

Source: Compiled from HMG/N Red Books, MOF.

Appendix Table 17

Changes in area, production and yield of paddy by development regions and ecological belts

(Area in '000 ha., Production in Mt, Yield in Mt/ha)

Dev.Reg/Eco. Belt	1996/97	1997/98	1998/99	1999/2000	2000/01	Post-APP	Growth Rate (%)
Area							
EDR	490	492	493	505	505	499	0.75
CDR	441	446	435	454	418	438	-1.34
WDR	297	282	300	302	310	298	1.00
MWDR	149	151	152	152	158	153	1.42
FWDR	133	134	135	137	139	136	1.06
Mountain	43	43	44	46	53	47	5.53
Hill	366	373	373	377	379	376	0.85
Tarai	1,102	1090	1,097	1,127	1,098	1,103	-0.11
Nepal	1,511	1506	1,514	1,551	1,529	1,525	0.30
Production							
EDR	1,198	1,188	1,250	1,338	1,393	1,292	3.84
CDR	1,115	1,147	1,026	1,227	1,285	1,171	3.62
WDR	724	598	704	739	799	710	2.49
MWDR	356	377	391	389	414	393	3.84
FWDR	317	331	338	337	325	333	0.62
Mountain	81	83	85	88	104	90	6.23
Hill	826	863	899	907	931	900	3.06
Tarai	2,804	2,695	2,725	3,035	3,181	2,909	3.21
Nepal	3,711	3,641	3,710	4,030	4,216	3,899	3.25
Yield							
EDR	2.44	2.41	2.54	2.65	2.76	2.59	3.07
CDR	2.53	2.57	2.36	2.70	3.07	2.67	5.02
WDR	2.43	2.12	2.35	2.44	2.58	2.38	1.47
MWDR	2.39	2.49	2.58	2.56	2.63	2.56	2.38
FWDR	2.38	2.46	2.51	2.45	2.34	2.44	-0.44
Mountain	1.91	1.90	1.94	1.90	1.96	1.93	0.66
Hill	2.25	2.31	2.41	2.40	2.46	2.40	2.19
Tarai	2.54	2.47	2.48	2.69	2.90	2.64	3.32
Nepal	2.46	2.42	2.45	2.60	2.76	2.56	2.94

Source: SINA, MOA (1994/95 to 2000/01).

Appendix Table 18

Changes in area, production and yield of maize by development regions and ecological belts

(Area in '000 ha., Production in Mt, Yield in Mt/ha)

Dev.Reg/Eco. Belt	1996/97	1997/98	1998/99	1999/2000	2000/01	Post-APP	Growth Rate (%)
Area							
EDR	193	194	196	205	219	204	3.21
CDR	219	220	220	217	209	217	-1.18
WDR	195	197	198	199	197	198	0.22
MWDR	137	137	137	148	151	143	2.55
FWDR	51	51	51	49	49	50	-0.64
Mountain	62	64	64	75	85	72	8.14
Hill	556	560	561	572	572	566	0.68
Tarai	175	176	177	173	168	173	-1.07
Nepal	794	799	802	819	825	811	0.96
Production							
EDR	310	327	329	358	386	350	5.59
CDR	396	401	401	415	418	409	1.40
WDR	302	320	314	337	348	330	3.56
MWDR	218	233	216	253	261	241	4.60
FWDR	91	87	87	82	72	82	-5.75
Mountain	96	100	99	118	136	113	9.02
Hill	885	929	920	998	1025	968	3.73
Tarai	335	338	328	329	323	330	-0.92
Nepal	1,317	1,367	1,346	1,445	1,484	1,411	3.03
Yield							
EDR	1.61	1.68	1.68	1.74	1.76	1.72	2.30
CDR	1.81	1.82	1.82	1.91	2.00	1.89	2.62
WDR	1.55	1.62	1.58	1.69	1.77	1.67	3.33
MWDR	1.60	1.70	1.58	1.72	1.73	1.68	1.99
FWDR	1.80	1.72	1.71	1.66	1.45	1.64	-5.14
Mountain	1.55	1.57	1.54	1.58	1.61	1.58	0.81
Hill	1.59	1.66	1.64	1.75	1.79	1.71	3.02
Tarai	1.91	1.92	1.85	1.91	1.92	1.90	0.15
Nepal	1.66	1.71	1.68	1.76	1.80	1.74	2.06

Source: SINA, MOA (1994/95 to 2000/01).

Appendix Table 19

Changes in area, production and yield of wheat by development regions and ecological belts

(Area in '000 ha., Production in Mt, Yield in Mt/ha)

Dev.Reg/Eco. Belt	1996/97	1997/98	1998/99	1999/2000	2000/01	Post-APP	Growth Rate (%)
Area							
EDR	121	116	111	118	108	113	-2.88
CDR	207	202	192	198	198	198	-1.04
WDR	122	117	130	130	124	125	0.44
MWDR	122	116	120	125	122	120	0.00
FWDR	95	90	89	89	89	89	-1.72
Mountain	45	46	46	47	48	47	2.05
Hill	238	239	238	242	242	240	0.38
Tarai	385	355	357	371	351	359	-2.25
Nepal	667	640	641	660	641	645	-0.99
Production							
EDR	207	199	176	210	207	198	0.01
CDR	355	351	340	378	375	361	1.40
WDR	197	178	228	232	218	214	2.54
MWDR	182	176	190	209	203	194	2.82
FWDR	131	127	153	154	155	147	4.18
Mountain	57	62	57	65	69	63	5.07
Hill	361	373	361	383	392	377	2.13
Tarai	655	595	668	735	696	674	1.56
Nepal	1,072	1,030	1,086	1,184	1,158	1115	1.95
Yield							
EDR	1.71	1.72	1.59	1.78	1.92	1.75	2.97
CDR	1.71	1.74	1.78	1.91	1.89	1.83	2.47
WDR	1.61	1.53	1.76	1.78	1.75	1.71	2.09
MWDR	1.49	1.52	1.58	1.67	1.67	1.61	2.82
FWDR	1.38	1.41	1.72	1.74	1.75	1.65	6.01
Mountain	1.27	1.35	1.25	1.38	1.43	1.35	2.96
Hill	1.52	1.56	1.52	1.59	1.62	1.57	1.74
Tarai	1.70	1.68	1.87	1.98	1.98	1.88	3.90
Nepal	1.61	1.61	1.70	1.79	1.81	1.73	2.97

Source: SINA, MOA (1994/95 to 2000/01).

Appendix Table 20

Changes in area, production and yield of potato by development regions and ecological belts

(Area in '000 ha., Production in Mt, Yield in Mt/ha)

Dev.Reg/Eco. Belt	1996/97	1997/98	1998/99	1999/2000	2000/01	Post-APP	Growth Rate (%)
Area							
EDR	40	42	45	44	42	43	1.28
CDR	37	38	38	41	41	40	2.52
WDR	14	15	16	16	17	16	5.62
MWDR	14	15	13	15	15	14	1.16
FWDR	6	6	6	7	8	7	7.88
Mountain	22	23	23	26	23	23	0.61
Hill	56	55	56	55	58	56	0.73
Tarai	36	38	39	42	43	40	4.34
Nepal	111	116	118	123	123	120	2.61
Production							
EDR	345	347	385	401	443	394	6.45
CDR	362	364	411	456	508	435	8.86
WDR	112	114	132	136	154	134	8.30
MWDR	136	113	118	133	145	127	1.76
FWDR	43	34	46	56	63	50	10.17
Mountain	182	192	177	208	206	196	3.16
Hill	460	502	521	526	568	529	5.39
Tarai	356	278	393	448	541	415	11.03
Nepal	997	972	1,091	1,183	1,314	1140	7.14
Yield							
EDR	8.58	8.26	8.65	9.18	10.47	9.14	5.11
CDR	9.83	9.48	10.67	11.15	12.50	10.97	6.19
WDR	8.10	7.66	8.15	8.35	8.96	8.30	2.55
MWDR	9.45	7.49	9.13	9.11	9.67	8.84	0.59
FWDR	7.58	5.72	7.68	7.87	8.24	7.46	2.12
Mountain	8.25	8.40	7.77	8.13	9.12	8.35	2.53
Hill	8.21	9.07	9.27	9.56	9.84	9.44	4.62
Tarai	9.88	7.29	10.07	10.67	12.68	10.26	6.42
Nepal	9.00	8.36	9.25	9.64	10.69	9.50	4.41

Source: SINA, MOA (1994/95 to 2000/01).

Appendix Table 21

Changes in area, production and yield of citrus by development regions and ecological belts

(Area in '000 ha., Production in Mt, Yield in Mt/ha)

Dev.Reg/Eco. Belt	1996/97	1997/98	1998/99	1999/2000	2000/01	Post-APP	Growth Rate (%)
Area							
EDR	3.6	3.8	4.1	4.3	4.5	4.2	5.83
CDR	2.5	2.6	2.8	2.9	3.1	2.8	5.25
WDR	4.3	4.7	4.9	5.2	5.5	5.1	6.59
MWDR	1.7	1.8	1.9	2.0	2.2	2.0	6.46
FWDR	0.9	0.9	1.0	1.1	1.1	1.0	6.89
Mountain	1.1	1.2	1.3	1.4	1.5	1.4	8.05
Hill	11.8	12.6	13.3	14.0	14.8	13.7	5.89
Tarai	0.1	0.1	0.1	0.1	0.1	0.1	14.64
Nepal	12.9	13.9	14.7	15.5	16.4	15.1	6.13
Production							
EDR	36.5	39.2	42.7	44.7	47.3	43.5	6.72
CDR	24.7	25.9	27.5	30.2	31.9	28.9	6.64
WDR	45.4	49.0	51.7	54.6	57.7	53.3	6.15
MWDR	15.5	16.6	18.2	19.2	20.2	18.5	6.77
FWDR	7.9	8.6	9.3	10.1	10.7	9.7	7.74
Mountain	9.4	10.5	12.0	13.1	13.8	12.3	10.20
Hill	120.2	128.1	136.6	144.8	153.1	140.7	6.24
Tarai	0.6	0.7	0.8	1.0	0.9	0.9	13.66
Nepal	130.1	139.3	149.4	158.8	167.8	153.8	6.58
Yield							
EDR	10.12	10.21	10.44	10.44	10.47	10.4	0.84
CDR	9.87	9.89	9.95	10.38	10.40	10.2	1.33
WDR	10.65	10.43	10.45	10.45	10.48	10.5	-0.41
MWDR	9.25	9.16	9.38	9.38	9.36	9.3	0.29
FWDR	9.12	1	9.29	9.34	9.41	7.3	0.79
Mountain	8.58	1	9.07	9.23	9.29	7.2	1.99
Hill	10.21	10.15	10.26	10.33	10.35	10.3	0.33
Tarai	8.33	8.95	7.82	8.69	8.05	8.4	-0.85
Nepal	10.07	10.02	10.13	10.21	10.24	10.2	0.42

Source: SINA, MOA (1994/95 to 2000/01).

Appendix Table 22

Changes in area, production and yield of apple by development regions and ecological belts

(Area in '000 ha. Production in Mt, Yield in Mt/ha)

Dev.Reg/Eco. Belt	1996/97	1997/98	1998/99	1999/2000	2000/01	Post-APP	Growth Rate (%)
Area							
EDR	0.52	0.52	0.53	0.53	0.54	0.53	0.96
CDR	0.57	0.57	0.58	0.59	0.59	0.58	0.83
WDR	0.53	0.54	0.55	0.55	0.55	0.55	1.07
MWDR	0.98	1.02	1.10	1.15	1.20	1.12	5.03
FWDR	0.38	0.44	0.46	0.46	0.47	0.46	5.26
Mountain	1.87	1.96	2.05	2.10	2.14	2.06	3.45
Hill	1.10	1.13	1.16	1.18	1.19	1.17	1.98
Tarai	NA	NA	NA	NA	NA	NA	NA
Nepal	2.98	3.08	3.21	3.28	3.34	3.23	2.91
Production							
EDR	4.60	4.62	4.69	4.77	4.80	4.72	1.03
CDR	5.27	5.30	5.37	6.74	5.45	5.71	0.82
WDR	5.12	5.18	5.27	5.31	5.34	5.27	1.05
MWDR	9.59	9.98	10.69	11.17	11.66	10.87	4.99
FWDR	4.01	4.26	4.45	4.52	4.57	4.45	3.30
Mountain	18.32	18.87	19.66	20.16	20.65	19.84	3.04
Hill	10.28	10.48	10.80	12.34	11.15	11.19	2.06
Tarai	NA	NA	NA	NA	NA	NA	NA
Nepal	28.60	29.35	30.46	32.50	31.80	31.03	2.69
Yield							
EDR	8.92	8.92	8.92	8.95	8.95	8.94	0.08
CDR	9.30	9.30	9.30	11.51	9.29	9.85	-0.01
WDR	9.67	9.67	9.66	9.66	9.66	9.67	-0.02
MWDR	9.77	9.77	9.73	9.74	9.75	9.75	-0.04
FWDR	10.50	5.45	9.71	9.74	9.74	8.66	-1.87
Mountain	9.79	5.34	9.61	9.62	9.63	8.55	-0.39
Hill	9.31	9.31	9.31	10.44	9.34	9.60	0.08
Tarai	NA	NA	NA	NA	NA	NA	NA
Nepal	9.61	9.52	9.51	9.91	9.53	9.62	-0.21

Source: SINA, MOA (1994/95 to 2000/01).

Appendix Table 23

Changes in area, production and yield of vegetables by development regions and ecological belts

(Area in '000 ha. Production in Mt, Yield in Mt/ha)

Dev.Reg/Eco. Belt	1996/97	1997/98	1998/99	1999/2000	2000/01	Post-APP	Growth Rate (%)
Area							
EDR	36	37	37	37	39	37.6	1.71
CDR	66	68	61	60	67	64.0	0.36
WDR	21	20	22	25	23	22.4	1.64
MWDR	17	19	16	20	21	18.6	4.34
FWDR	5	6	5	7	8	6.4	10.30
Mountain	7	7	8	8	8	7.7	3.63
Hill	54	54	47	51	61	53.1	3.00
Tarai	85	89	86	90	88	88.3	0.81
Nepal	147	150	140	149	157	149.1	1.77
Production							
EDR	314	336	337	361	378	353.1	4.76
CDR	655	684	607	609	738	659.4	3.03
WDR	197	194	202	256	245	224.4	5.61
MWDR	146	183	148	195	216	185.7	10.32
FWDR	46	53	47	68	79	61.8	14.39
Mountain	53	62	62	69	69	65.6	6.89
Hill	519	544	470	509	644	541.5	5.55
Tarai	786	844	810	912	943	877.3	4.67
Nepal	1,357	1,449	1,343	1,490	1,656	1484.4	5.10
Yield							
EDR	8.63	9.02	9.06	9.73	9.72	9.39	3.01
CDR	9.86	10.06	10.01	10.12	10.95	10.30	2.66
WDR	9.30	9.66	9.40	10.11	10.84	10.03	3.91
MWDR	8.42	9.69	9.53	10.01	10.52	9.97	5.74
FWDR	8.80	9.07	9.06	9.89	10.18	9.63	3.71
Mountain	7.89	8.57	8.25	8.47	8.93	8.56	3.14
Hill	9.55	10.14	10.05	9.98	10.53	10.20	2.47
Tarai	9.19	9.47	9.44	10.14	10.69	9.93	3.83
Nepal	9.27	9.66	9.58	10.00	10.54	9.96	3.27

Source: SINA, MOA (1994/95 to 2000/01).

Appendix Table 24

Changes in production of milk by development regions and ecological belts

(Production in 000 liters)

Dev. Region / Ecological Belt	Pre APP	Post APP				Average 1997-2000/01	Growth rate (%)
		1997/98	1998/99	1999/00	2000/01		
EDR	218	230	242	252	258	246	4.29
CDR	282	288	294	295	308	296	2.25
WDR	276	281	285	287	292	286	1.45
MWDR	115	121	125	130	135	128	4.13
FWDR	121	128	127	132	131	129	1.84
Mountain	84	87	88	89	92	89	2.16
Hill	578	592	605	617	626	610	1.98
Tarai	350	370	380	391	407	387	3.87
Nepal	1,012	1,048	1,073	1,097	1,124	1,086	2.66

Source: SINA, MOA (1994/95 to 2000/01).

Appendix Table 25

Changes in production of meat by development regions and ecological belts

(Production in 000 Mt)

Dev. Region / Ecological Belt	Pre APP	Post APP				Average 1997-2000/01	Growth rate (%)
		1997/98	1998/99	1999/00	2000/01		
EDR	40.65	41.81	42.92	44.71	45.39	43.70	2.79
CDR	54.19	57.51	58.69	60.15	62.37	59.68	3.58
WDR	36.05	36.61	37.13	37.49	38.14	37.34	1.42
MWDR	26.33	26.95	27.41	27.46	28.87	27.67	2.33
FWDR	17.08	17.82	18.78	19.36	19.50	18.86	3.36
Mountain	15.38	15.77	15.86	16.15	16.40	16.04	1.60
Hill	94.01	96.87	99.38	100.95	102.88	100.02	2.28
Tarai	64.90	68.05	69.69	72.06	74.99	71.20	3.68
Nepal	174.29	180.69	184.93	189.16	194.26	187.26	2.75

Source: SINA, MOA (1994/95 to 2000/01).

Appendix Table 26

Changes in production of eggs by development regions and ecological belts

(Production in million numbers)

Dev. Region / Ecological Belt	Pre APP	Post APP				Average 1997-2000/01	Growth rate (%)
		1997/98	1998/99	1999/00	2000/01		
EDR	82.4	86.4	93.8	92.8	91.3	91.1	2.61
CDR	193.0	210.1	221.7	242.5	263.8	234.5	8.13
WDR	74.8	73.4	73.1	70.7	74.4	72.9	-0.15
MWDR	53.4	53.5	54.8	56.8	58.4	55.9	2.27
FWDR	17.9	17.5	17.2	18.1	19.4	18.1	2.09
Mountain	421.5	440.9	460.6	480.8	507.3	472.4	4.74
Hill	2.4	2.4	2.5	2.8	3.0	2.7	5.04
Tarai	3.9	4.2	4.7	4.0	4.3	4.3	2.22
Nepal	11.5	10.9	10.0	11.3	12.2	11.1	1.38

Source: SINA, MOA (1994/95 to 2000/01).

Appendix Table 27

Population by development region and ecological belts 1991-2002

Population	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Eastern	4.45	4.53	4.61	4.70	4.79	4.87	4.97	5.06	5.15	5.25	5.34
Central	6.18	6.35	6.52	6.69	6.87	7.05	7.23	7.43	7.62	7.82	8.03
Western	3.77	3.84	3.92	3.99	4.07	4.15	4.23	4.31	4.40	4.48	4.57
Mid western	2.41	2.46	2.52	2.58	2.64	2.69	2.76	2.82	2.88	2.95	3.01
Far western	1.68	1.72	1.77	1.82	1.87	1.92	1.97	2.02	2.08	2.13	2.19
Nepal	18.49	18.91	19.34	19.78	20.23	20.69	21.16	21.64	22.13	22.64	23.15
Mountain	1.44	1.47	1.49	1.51	1.54	1.56	1.59	1.61	1.64	1.66	1.69
Hill	8.42	8.59	8.76	8.93	9.11	9.29	9.48	9.66	9.86	10.05	10.25
Tarai	8.63	8.86	9.09	9.33	9.58	9.84	10.10	10.36	10.64	10.92	11.21
Nepal	18.49	18.91	19.34	19.78	20.23	20.69	21.16	21.64	22.13	22.64	23.15

Source: CBS, 1999 and 2002

Appendix Table 28
Selected socio-economic characteristics of South Asian countries

Countries	Year	Population (millions)	Total fertility rate (births/women)	Life expectancy (years)	Infant mortality rate (per 1000 live births)	Per capita GDP		Gross domestic savings (as% of GDP)	Gross domestic investments (as % of GDP)	International Trade (as % of GDP) [@]	Share in GDP (%) of agriculture sector	Bottom 20% Share of Income	Female labour force (% of total labour force)	Government expenditure on education (% of GNI)
						1995 US\$	Growth rate (1995-99)							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bangladesh	1965	58.3	6.8	42.2	144.0	241	1.3	10.9	11.5	0.0 ^a	52.8	9.0	39.6	1.0
	1975	76.6	6.6	45.9	138.2	205		3.4	6.1	8.2	62.9	.9	413	0.8
	1985	95.5	5.3	51.9	113.5	255		7.0	12.9	20.4	41.8	9.0	41.9	1.4
	1990	108.3	4.1	54.7	90.6	277		9.7	12.8	21.9	39.2	9.5	41.5	1.5
	1995	119.8	3.4	58.1	74.1	317		13.0	15.9	26.2 ^j	34.9 ^k	9.4 ^h	42.2	1.7
	1999	127.7	3.2	60.7	61.2	362		14.0	20.0	26.0	21.0	..	42.3	2.2
India	1965	487.3	6.2	47.0	149.8	195	2.6	15.4	15.2	8.1 ^a	44.1	6.7	34.3	2.3
	1975	613.0	5.3	51.8	130.2	218		20.5	20.9	11.8	40.5	5.9	34.0	2.7
	1985	765.0	4.4	56.9	97.0	264		21.2	24.1	11.4	33.1	8.0	32.5	3.5
	1990	849.5	3.8	59.8	80.0	324		22.5	27.1	13.8	27.6	9.0	31.2	3.9
	1995	929.4	3.4	62.3	74.0	380		23.2	24.0	17.7 ^j	29.0 ^k	9.2 ^k	31.8	3.3
	1999	997.5	3.1	63.2	70.9	450		20.0	24.0	17.7 ^o	28.0	8.7 ⁱ	32.2	3.2
Nepal	1965	10.3	5.8	40.3	180.6	151	1.2	0.3	5.7	10.3 ^a	71.3	..	39.6	0.6
	1975	12.8	6.2	45.0	149.2	149		10.0	14.3	17.3	71.8	5.0	39.0	1.5
	1985	16.7	5.9	50.9	0.0	165		13.4	22.6	23.4	62.7	90	39.6	2.6
	1990	18.9	5.3	53.6	101.2	182		7.9	20.5	24.7	47.7	..	40.4	2.0
	1995	21.3	4.6	56.3	79.0	206		13.8	24.0	33.9 ^j	43.4 ^k	7.6	40.4	3.3
	1999	23.4	4.3	58.2	75.4	222		13.3	19.0	35.2	41.0	8.1 ⁿ	40.5	3.2
Pakistan	1965	52.6	7.0	46.7	149.0	225	2.6	13.1	18.1	21.4 ^a	40.2	8.0 ^b	20.9	1.8
	1975	71.0	7.0	52.3	134.0	274		47	16.4	28.2	32.0	8.0	22.1	2.2
	1985	96.0	6.5	57.4	122.0	385		5.9	17.2	27.7	28.5	7.8	23.4	2.9
	1990	112.4	5.8	59.1	111.0	448		11.1	18.9	32.2	22.6	8.4 ^g	240	2.7
	1995	122.4	5.2	60.9	99.0	500		11.1	20.5	31.1 ^j	23.9 ^k	9.4	268	2.8
	1999	134.8	4.8	62.5	89.8	508		11.0	15.0	28.3	26.0	9.5 ⁿ	281	2.7
Sri Lanka	1965	11.2	4.9	63.9	62.6	288	3.3	12.6	15.4	34.7 ^a	28.2	5.0	249	4.3
	1975	13.5	3.9	66.0	43.8	375		8.1	15.7	34.5	30.4	7.0	260	2.8
	1985	15.8	2.9	70.1	24.8	526		10.2	23.9	50.3	27.7	4.8 ^f	306	2.6
	1990	17.0	2.5	71.4	18.5	580		14.3	21.9	57.5	23.5	8.9	343	2.7
	1995	18.1	2.3	72.6	16.5	708		15.3	27.2	68.0 ^j	20.5 ^k	9.0 ^h	358	3.0
	1999	19.0	2.1	73.5	15.4	814		19.8	25.0	62.8	22.0 ⁿ	8.0 ⁱ	364	3.4

Computed from:-

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Note: @ (exports and imports) as a percentage of GDP

.. not available

a 1968	f 1986	l 1995
b 1970	g 1991	m 1996
c 1971	h 1992	n 1997
d 1975	i 1993	o 1998
e 1980	k 1994	