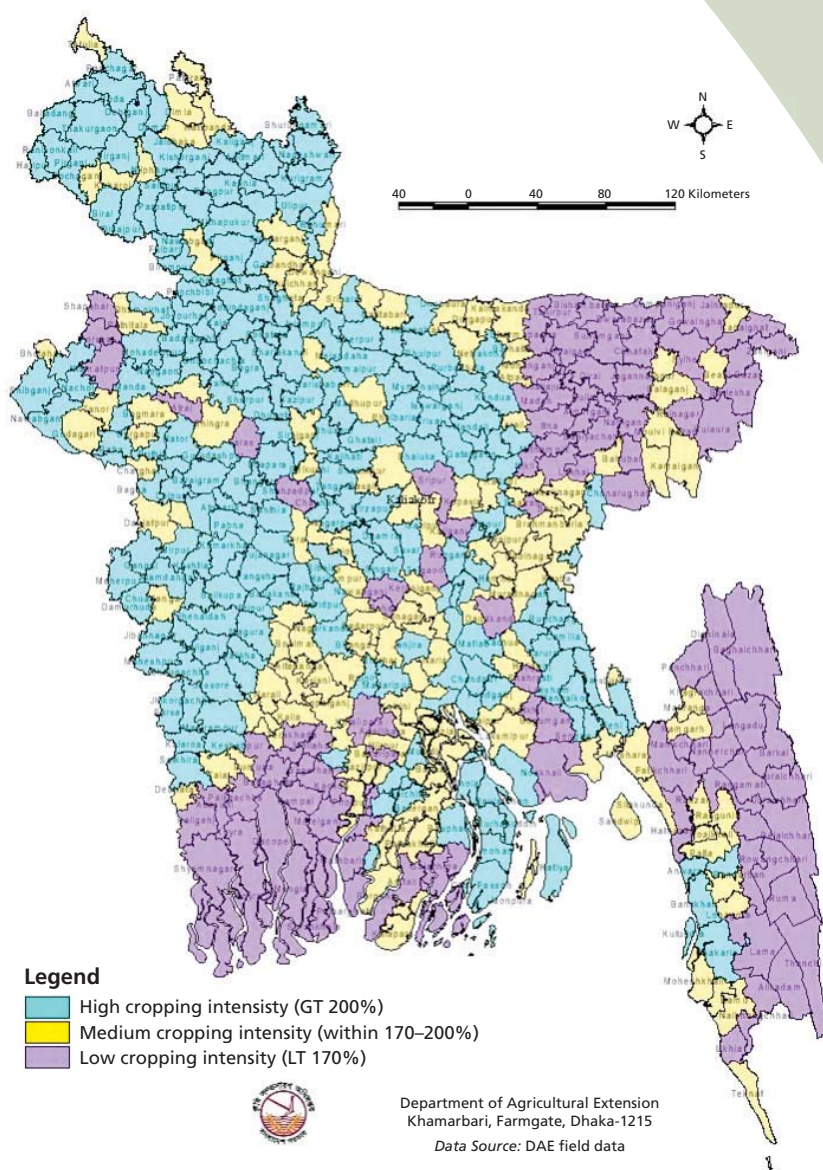


# ANNEX 1

## Differential cropping intensity in 2002 – 2003





# ANNEX 2

## Foodgrain production and availability from 1969/70 to 2002/03

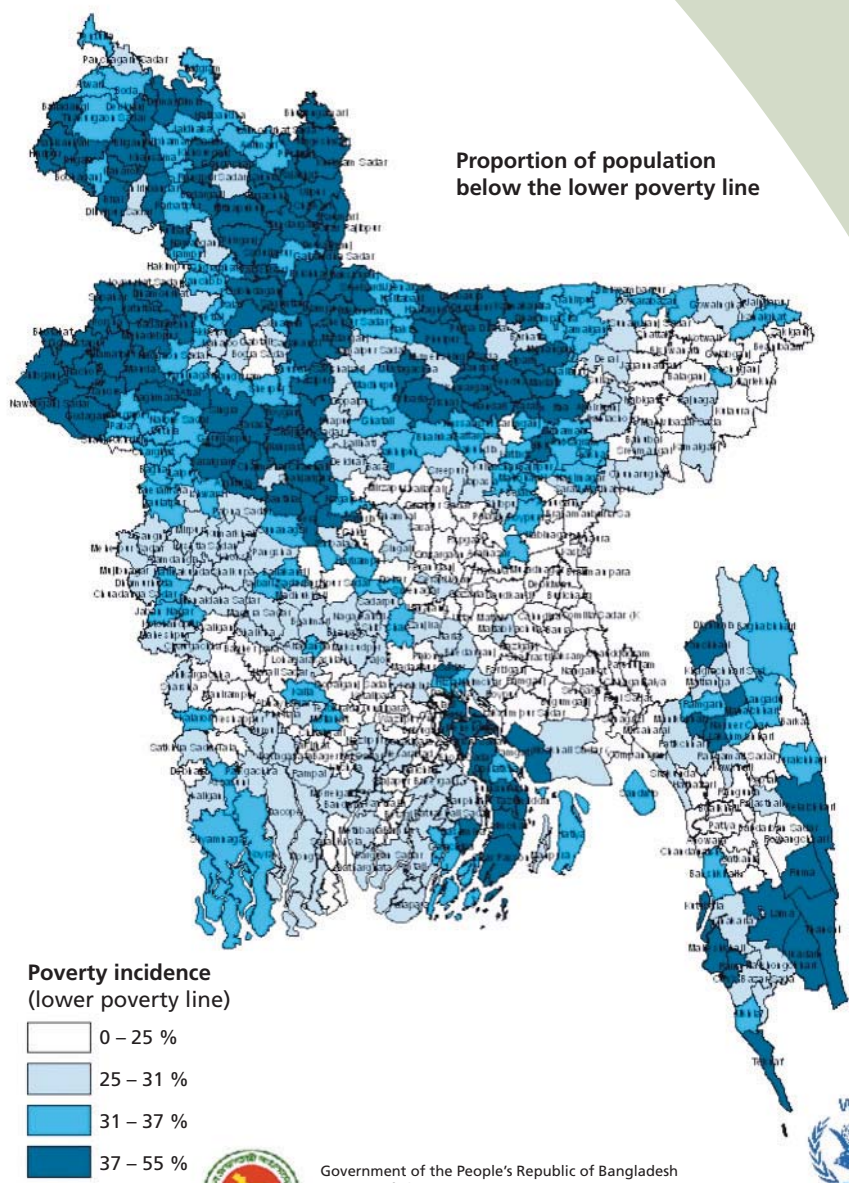
Year	Aus	Aman	Boro (IRRI)	Total rice production	Wheat	Total foodgrain production	Net foodgrain production (at 90% of gross production)	Total mid-year population (Jan. 01 02)	Food requirements (at 465 g/capita/day)	Food gap	Private import	Public distribution	Internal procurement	per/capita availability (g/capita/day)
1 6/70	2 63 135	6 4 855	1 02 10	11 815 00	103 305	11 1 205	10 727 285	6 100 000	11 725 746	8 461				425
1 70/71	2 863 185	5 12 430	2 1 2 185	10 67 800	10 87	11 077 67	6 11	70 700 000	11 7 253	2 027 342				386
1 71/72	2 341 400	5 6 5 260	1 738 070	774 730	113 1 5	887 25	8 8 133	72 400 000	12 285 731	3 386 5 8				337
1 72/73	2 273 425	5 586 560	2 070 250	30 235	8 526	10 01 761	0 17 785	74 100 000	12 574 208	3 556 423				333
1 73/74	2 802 035	6 6 8 00	2 220 000	11 720 35	10 177	11 830 112	10 647 101	75 00 000	12 87 654	2 232 553				384
1 74/75	2 858 65	6 000 000	2 24 680	11 108 645	114 870	11 223 515	10 101 164	77 700 000	13 185 100	3 083 36				356
1 75/76	3 230 100	7 045 100	2 285 580	12 560 780	214 728	12 775 508	11 4 7 57	7 500 000	13 4 0 547	1 2 5 0				3 6
1 76/77	3 011 435	6 05 580	1 650 125	11 567 140	255 358	11 822 4 8	10 640 248	81 400 000	13 812 62	3 172 714				358
1 77/78	3 103 110	7 421 640	2 238 615	12 763 445	342 500	13 105 45	11 7 5 351	83 400 000	14 152 347	2 356 6				387
1 78/7	3 287 35	7 42 0 0	1 2 185	12 646 210	486 227	13 132 437	11 81 1 3	85 400 000	14 4 1 732	2 672 53				37
1 7 80	2 80 345	7 302 7 0	2 426 8 0	12 53 025	80 710	13 348 735	12 013 862	87 500 000	14 848 086	2 834 224				376
1 80/81	3 236 610	7 836 000	2 588 625	13 661 235	1 015 255	14 736 4 0	13 262 841	8 400 000	15 170 502	1 07 661				406
1 81/82	3 217 45	7 0 4 515	3 102 145	13 414 605	52 110	14 366 715	12 30 044	1 800 000	15 577 763	2 647 71				386
1 82/83	3 017 535	7 483 315	3 4 0 150	13 1 000	1 078 070	15 06 070	13 562 163	3 600 000	15 883 210	2 321 047				3 7
1 83/84	3 222 300	7 37 185	3 350 300	14 50 785	1 211 000	15 720 785	14 148 707	5 700 000	16 23 564	2 0 857				405
1 84/85	2 781 15	7 31 075	3 0 300	14 622 2 0	1 464 000	16 086 2 0	14 477 661	7 800 000	16 5 5 18	2 118 257				406
1 85/86	2 827 220	8 542 000	3 671 000	15 040 220	1 042 000	16 082 220	14 473 8	100 100 000	16 86 210	2 512 212		1 541	34	3 6
1 86/87	3 130 000	8 267 000	4 010 000	15 407 000	1 0 1 000	16 4 8 000	14 848 200	102 400 000	17 376 503	2 528 303		2 123	182	3 7
1 87/88	2 3125	7 68 340	4 731 300	15 413 765	1 048 015	16 461 780	14 815 602	104 500 000	17 732 857	2 17 255		2 505	375	388
1 88/8	2 855 865	6 857 185	5 831 000	15 544 050	1 021 50	16 566 000	14 0 400	106 700 000	18 106 180	3 1 6780		2 44	411	383
1 8 / 0	2 487 530	202 040	6 166 600	17 856 170	8 0 000	18 746 170	16 871 553	108 00 000	18 47 504	1 607 51		2 165	62	424
1 0 / 1	2 328 000	166 0	6 357 000	17 851 0	1 004 2 0	18 856 280	16 70 652	111 000 000	18 835 858	1 865 206		2 371	783	41
1 1 / 2	2 17 000	268 8 0	6 804 000	18 251 8 0	1 065 050	1 316 40	17 385 246	113 000 000	1 175 242	1 78 6		2 345	1 035	422
1 2 / 3	2 075 000	680 000	6 586 000	18 341 000	1 176 000	1 517 000	17 565 300	115 000 000	1 514 627	1 4 327		355	1 074	418
1 3 / 4	1 850 000	420 000	6 780 000	18 050 000	1 130 000	1 180 000	17 262 000	117 000 000	1 854 012	2 5 2 012		312	1 376	404
1 4 / 5	1 7 0670	8 503 50	6 538 170	16 832 7 0	1 244 0	18 077 780	16 270 002	11 000 000	20 1 3 3 7	3 23 3 5		1 14	1 573	375
1 5 / 6	1 676 020	8 7 0 330	7 221 020	17 687 370	1 36 130	1 056 500	17 150 850	121 000 000	20 532 782	3 381 32		850	1 7 4	388
1 6 / 7	1 870 750	551 780	7 45 20	18 882 450	1 454 100	20 336 550	18 302 8 5	123 000 000	20 872 167	2 56 272		237	1 3 2	408
1 7 / 8	1 874 730	8 84 00	8 137 330	18 861 60	1 802 815	20 664 775	18 5 82 8	125 000 000	21 211 551	2 613 253		1 135	1 621	408
1 8 /	1 616 880	7 735 850	10 551 00	1 04 630	1 08 435	21 813 065	1 31 75	127 000 000	21 550 36	1 61 177		3 480	2 134	430
1 900	1 733 10	10 305 80	11 027 010	23 066 00	1 83 80	24 06 880	22 416 1 2	12 000 000	21 8 0 321	-525 871		1 234	1 00	476
2000/01	1 15 600	11 247 000	11 200 000	24 362 600	1 673 280	25 035 880	23 432 2	131 000 000	22 22 706	-1 202 586				4 0
2001/02	1 807 720	10 700 000	12 686 000	25 1 3 720	1 600 000	26 7 3 720	24 114 348	133 000 000	22 56 0 1	-1 545 257				4 7
2002/03	1 68 000	10 662 000	13 02 000	25 655 000	1 13 000	27 572 000	24 814 800	135 000 000	22 08 475	-1 06 325				504

Source: BBS, Ministry of Planning, WFP, Bangladesh Food Grain Digest, July 2002



# ANNEX 3

## Poverty map



Poverty incidence  
(lower poverty line)

- 0 – 25 %
- 25 – 31 %
- 31 – 37 %
- 37 – 55 %



Government of the People's Republic of Bangladesh  
Ministry of Planning, Statistics Wing  
Bangladesh Bureau of Statistics

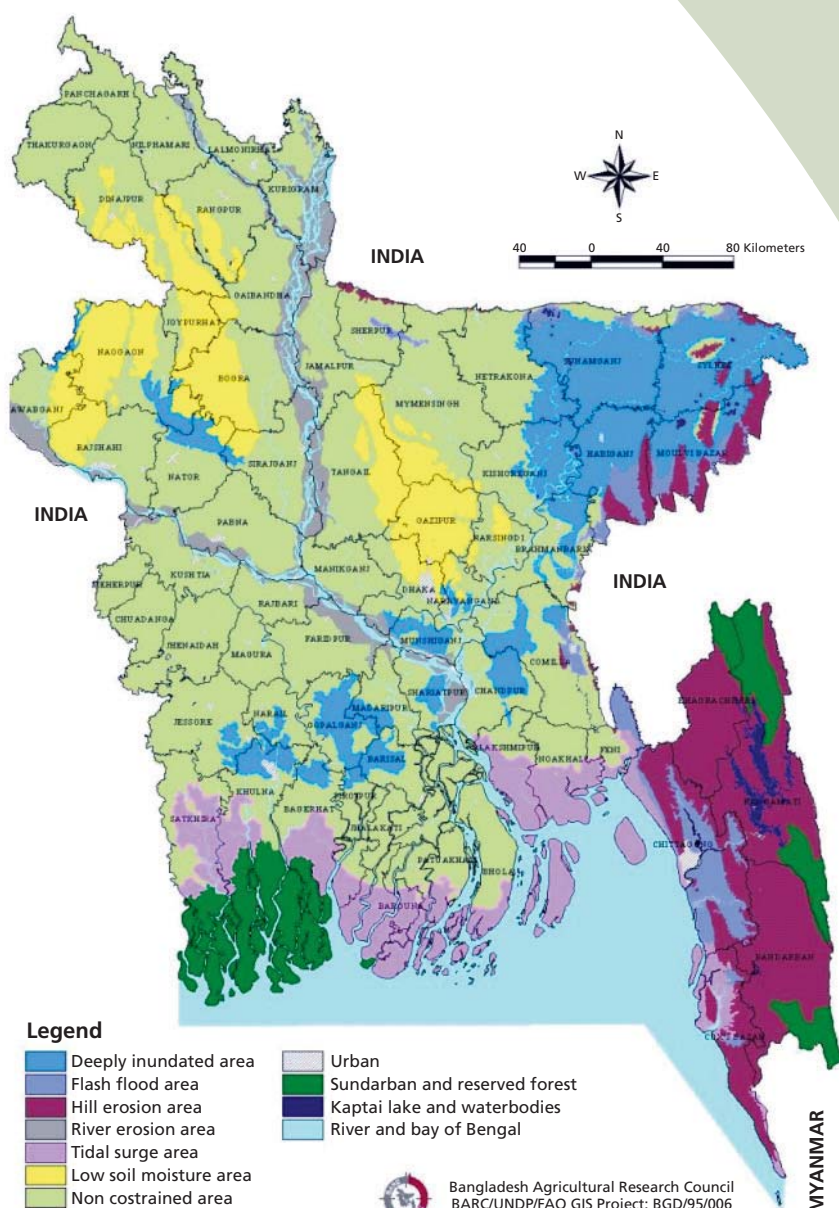






# ANNEX 4

## Agro-ecologically constrained area

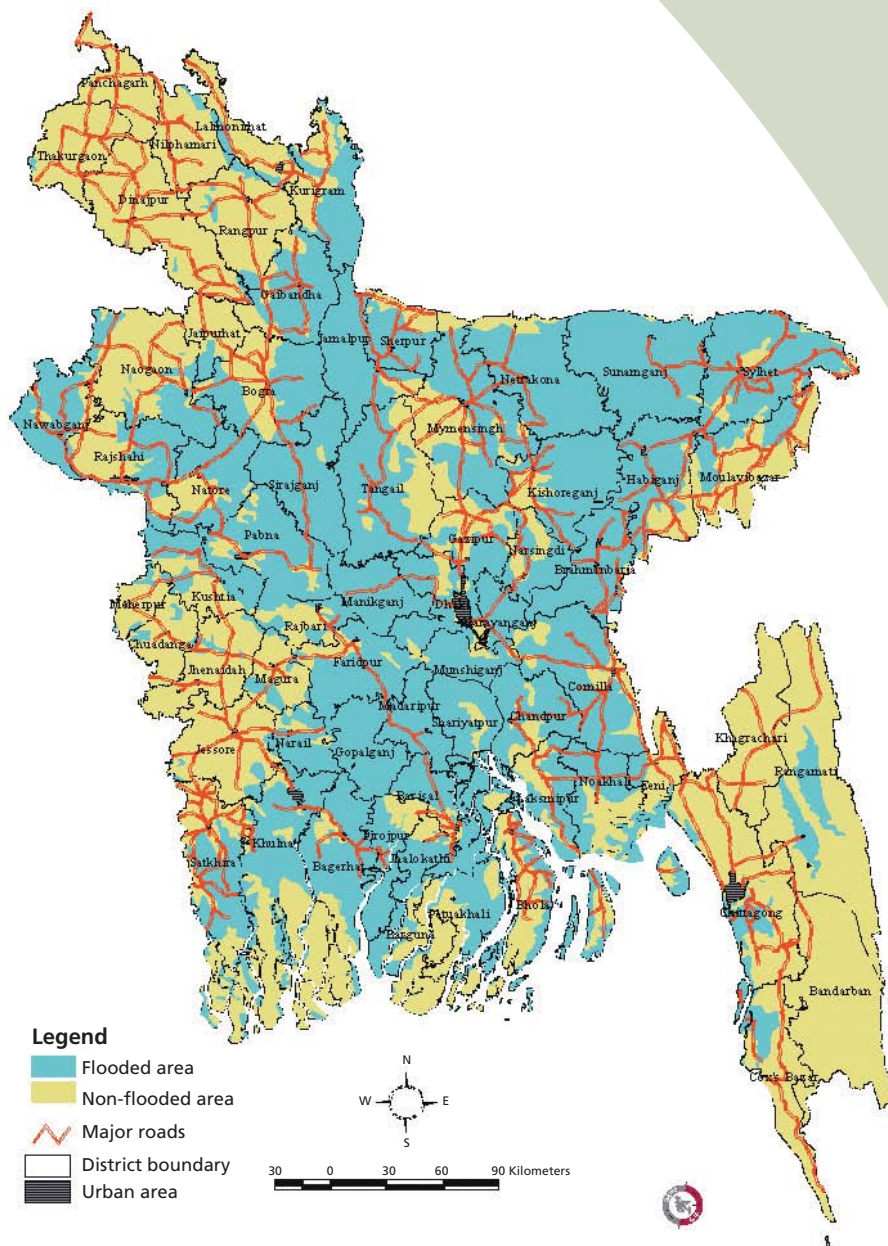




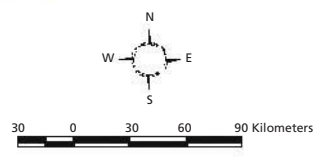


# ANNEX 5

## Extent of 1998 flood



- Legend**
- Flooded area
  - Non-flooded area
  - Major roads
  - District boundary
  - Urban area



Source: SPARSO, BARC, EGIS

Prepared by: GIS Project BGD/95/006



# **ANNEX 6**

## **1998 flood damage and government relief allocation by district**

see following pages



DISTRICT/ DIVISION	AFFECTED				Crop Damage (Full) (acre)	Crop Damage (Partial) (acre)	House Damage (Full) (no.)	House Damage (Partial) (no.)	No. of Dead People	No. of Dead Livestock
	No. Thana	No. Union	No. Family	No. People						
HAKA	50	74	455 176	3 038 867	45 082	1 320	31 06	20 713	125	853
FARI PUR	8	6	115 463	537 574	48 555	86 562	23 360	101 851	20	711
GAZIPUR	5	45	0	5 3 350	4 57	5 172	3 572	154	20	46
GOPALGANJ	5	6	150 108	751 805	43 56	0	17 276	54 574	5	703
JAMALPUR	7	68	22 135	1 132 820	15 123	22 548	17 088	44 426	18	150
KISHOREGONJ	13	107	154 586	721 167	24 682	17 117	17 234	7 380	33	513
MA ARIPUR	4	57	1 1 660	1 035 000	30 763	68 848	87 000	63 000	51	213
MANIKGANJ	70	65	86 635	776 23	225	135 847	25 6 2	48 133	50	1 033
MUNSHIGANJ	6	68	112 7 3	5 4 24	10 623	5 563	7 078	63 212	46	713
MYMENSINGH	12	146	263 550	1 057 320	21 506	40 307	4 510	23 74	2	268
NARAYANGANJ	50	47	251 34	1 512 7 7	23 346	20 42	7 445	127 865	2	51
NARSING I	6	70	135 106	715 755	2 1 0	18 784	4 633	36 82	15	57
NETROKONA	10	85	50 152	254 060	1 201	54 17	3 6 2	11 663		154
RAJBARI	3	2	36 801	178 061	18 220	28 565	3 285	870	16	20
SHARIATPUR	6	68	153 351	787 621	52 586	61 376	73 786	82 25	64	1 316
SHERPUR	5	52	71 776	338 568	14 622	7 177	1 737	7 008	6	46
TANGAIL	110	101	127 22	637 374	64 334	46 360	7 7 7	47 478	23	720
BAN ARBAN	2	2	0	1 805	0	0	0	500	0	0
BRAHMANBARIA	7		2 2 476	1 37 523	7 81	41 15	2 054	165 68	52	754
CHAN PUR	7	88	300 354	1 3 3 113	72 507	84 061	3 0145	173 432	40	5 0
CHITTAGONG	14	104	140 000	380 000	0	31 151	0	1 580	11	0
COMILLA	12	17	320 77	1477 450	113 635	104 572	4 3 5	158 5 0	74	822
COX'S BAZAR	3	44	0	331 400	0	0	0	0	6	0
FENI	5	48	118 000	470 000	5 421	6 157	13 861	31 176	0	70
KHAGRACHHARI	0	0	0	0	0	0	0	0	0	0
LAKSHMIPUR	4	44	120 854	715 54	21 80	5 76	3 766	37 625	11	182
NOAKHALI	6	82	86 350	531 533	12 050	5 308	0	15 830	0	3
RANGAMATI	10	48	27 3 3	126 68	8 688	8 226	3 0	11 850	6	0
HABIGANJ	8	74	1 6 4 0	7 7 110	140 313	0	12 510	25 136	12	4 734
MOULAVIBAZAR	6	62	33 867	16 760	7 540	20 011	1 5	12 331	0	20
SUNAMGANJ	10	83	6 43	27 678	24 257	0	4 0 3	7 320	5	0
SYLHET	11	87	0	57 500	0	0	810	2 448	0	0
BAGERHAT		75	4 011	268 7 0	0	114 575	0	11 504	8	6 102
CHUA ANGA	3	27	32 613	133 680	6 715	12 607	3 000	11 100	1	1 000
JESSORE	0	0	0	0	0	0	0	0	0	0
JHENAI AH	0	0	0	0	0	0	0	0	0	0

Road Damage (Full) (km)	Road Damage (Partial) (km)	Embankment Damage (Partial) (km)	Bridge Damage (Full and Partial)	Institution Damage (Full)	RELIEF ALLOCATION					RATIO	
					Rice (MT)	Taka	Saree (piece)	Lunjee (piece)	Biscuit (tin)	% of Thana	% of pop
2 1	550	11	285	406	2 550	4 175 000	5 600	2 800	530	100	50.
162	1 202	10	150	28	1 225	1 400 000	5 300	1 450	350	100	34.5
0	1 0 0	1	16	10	1 275	75 000	1 000	700	0	100	35.3
210	610	38	164	13	1 175	1 225 000	6 200	3 800	100	100	68.5
325	1 764	112	377	35	1 400	1 700 000	5 450	1 450	200	100	58.3
428	1 0 4	164	115	46	1 175	1 150 000	1 000	700	0	100	30.2
0	435	80	163	5	2 700	3 350 000	7 8	3 630	300	100	3.6
167	10 67	71	2 0	18	1 575	1 600 000	6 475	2 56	100	100	63.8
22	1 3 5	8	246	13	3 500	3 525 000	4 800	4 800	400	100	48.4
43	2 044	3 8	428	20	1 306	1 625 000	5 200	200	100	100	25.8
1 050	512	45	254	3	3 550	4 175 000	2 500	1 800	100	100	83.2
0	1 200	76	182	7	1 300	1 575 000	1 700	1 700	300	100	46.1
0	4	10	3	2	650	725 000	250	250	100	100	14.2
0	187	13	40	0	1 025	1 200 000	2 500	400	200	75	20.6
640	54	2	512	165	1 850	1 625 000	1 150	1 050	400	100	7 .
65	44	63	27	1	625	700 000	5 000	700	200	100	28.7
8 2	1 632	174	162	52	1 025	1 050 000	3 100	1 600	400	100	21
10	0	0	0	0	100	75 000	200	200	200	28.6	0.7
1 182	3 410	3	267	42	1 50	2 550 000	2 200	1 00	400	100	60.8
7 0	2 13	33	253	77	4 225	3 300 000	6 444	1 24	350	100	64.8
0	1 587	187	100	0	75	150 000	200	200	100	70	2 .2
2 285	3 83	206	451	157	1 625	1 500 000	5 800	1 300	200	100	3 .3
0	0	50	0	3	75	200	200	0	0	42.	28.7
105	45	23	15	3	325	550 000	1 4	200	200	100	4 .7
0	0	0	0	0	0	0	0	0	0	0	0
180	804	13	11	0	1 125	1 175 000	250	250	0	100	51.5
100	2 556	85	30	0	25	1 025 000	0	0	0	100	22.6
267	606	124	66	25	125	75 000	200	200	100	100	6
2 7	1 664	253	277	0	1 000	1 250 000	3 100	750	600	100	4 .5
2	447	12	75	0	225	375 000	2 830	200	100	83.3	8
0	268	24	0	0	425	475 000	200	200	200	100	44.4
0	224	41	0	0	125	200 000	0	0	0	100	2.5
0	64	114	354	0	275	300 000	0	0	0	100	18.1
15	314	1	1	0	175	100 000	100	50	0	75	15.8
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

continue...

DISTRICT/ DIVISION	No.	AFFECTED		No.	Crop	Crop	House	House	No. of	No. of
	Thana	Union	Family	People	Damage (Full) (acre)	Damage (Partial) (acre)	Damage (Full) (no.)	Damage (Partial) (no.)	Dead People	Dead Livestock
KHULNA	0	0	0	0	0	0	0	0	0	0
KUSHTIA	6	63	116 028	555 601	1 5 5	38 4 1	24 261	125 44	15	83
MAGURA	4	17	18 330	110 000	0	0	0	0	0	0
MEHERPUR	0	0	0	0	0	0	0	0	0	0
NARAIL	3	25	0	75 030	0	32 455	0	10 141	2	7
SATKHIRA	0	0	0	0	0	0	0	0	0	0
BARGUNA	0	0	0	0	0	0	0	0	0	0
BARISAL	10	81	146 888	646 452	118 150	43 04	32 012	75 016	14	528
BHOLA	7	1	14 400	254 707	4 118	43 115	8 157	33 403	1	144
JHALAKATHI	0	0	0	0	0	0	0	0	0	0
PATUAKHALI	0	0	0	0	0	0	0	0	0	0
PIROJPUR	5	40	74 300	445 802	034	3 111	2 243	23 88	4	0
BOGRA	12	52	54 647	266 508	23 0 1	34 24	4 288	20 770	5	51
INAJAPUR	0	0	0	0	0	0	0	0	0	0
GAIBAN HA	7	77	0	538 487	22 523	26 5	1 318	41 5 8	14	0
JOYPURHAT	5	32	17 124	84 752	27	5 2 8	237	2 105	0	25
KURIGRAM		70	86 206	35 748	7 20	33	21 170	58 387		360
LALMONIRHAT	5	30	10 555	46 763	728	0	840	6 117	0	2
NAOGAON	11	72	28 140	117 58	0	53 070	2 500	8 057	4	5
NATORE	5	45	56 600	305 164	31 808	31 56	5 1	20 132	2	2
NAWABGANJ	5	54	188 458	1 186 314	12 618	28 011	0 816	56 077	24	22
NILPHAMARI	6	61	12 680	63 500	22 865	15 002	481 25	41 015	1	447
PABNA		71	45 145	283 338	18 204	32 148	31 525	80 882	2	1 0 1
PANCHAGARH	0	0	0	0	0	0	0		0	0
RAJSHAHI	8	33	73 564	341 6 8	20 303	5 251	33 021	45 771	10	73
RANGPUR	6	28	877	44 053	2 2	0	2 402	686	1	0
SIRAJGANJ		81	385 768	200 86	64 375	55 37	140 500	284 645	25	507
THAKURGAON	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>619</b>	<b>3 317</b>	<b>5 711 908</b>	<b>29 104 319</b>	<b>1 416 520</b>	<b>1 805 401</b>	<b>988 571</b>	<b>2 449 415</b>	<b>918</b>	<b>26 559</b>

Source: Disaster Management Bureau, Ministry of Food and Disaster Management



Road Damage (Full) (km)	Road Damage (Partial) (km)	Embankment Damage (Partial) (km)	Bridge Damage (Full and Partial)	Institution Damage (Full)	Rice (MT)	RELIEF ALLOCATION				RATIO	
						Taka	Saree (piece)	Lungee (piece)	Biscuit (tin)	% of Thana	% of pop
0	0	0	0	0	0	0	0	0	0	0	0
2.5	1.54	100	185	0	550	700,000	5,000	0	0	42.	35.5
0	0	0	0	0	25	50,000	0	0	100	75	14.6
0	0	0	0	0	0	0	0	0	0	0	0
0	182	3	5	0	325	225,000	250	250	0	100	11
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
575	1,247	110	146	16	825	1,075,000	2,200	6.5	150	100	28.1
0	158	28	61	0	345	575,000	3.1	33	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	225	125,000	250	250	0		
205	878	20	175	44	1,350	1,400,000	2.50	1,150	400	100	.5
0	0	0	0	0	0	0	0	0	0	0	0
6.4	0	48	74	0	1,225	1,000,000	5.50	1.50	200	100	26.4
7	202	11	31	2	75	125,000	200	100	100	100	10.6
0	567	148	104	24	1,225	1,100,000	6,178	2,384	400	100	20.8
42	188	15	0	16	150	500,000	200	200	100	100	5.1
7	18	0	8	0	450	500,000	2,500	200	100	100	5.2
0	5.2	0	2	5	700	300,000	0	0	0	83.3	21
815	563	5	5	5	1,000	1,800,000	6,200	1,250	500	100	6.3
2	155	5	238	0	0	150,000	200	150	50	33.3	2.5
404	78	5	115	37	1,725	3,300,000	10,600	6,600	200	100	14.1
0	0	0	0	0	0	0	0	0	0	0	0
181	284	27	2	8	1,050	1,250,000	1,700	1.8	200	61.5	17.2
57	0	0	16	5	3	50,000	200	200	100	75	1.
584	1,600	37	153	160	3,075	2,000,000	6,050	1,650	450	100	84.3
0	0	0	0	0	0	0	0	0	0	0	0
1,5934	54,720	4,528	7,120	1,714	55,904	60,650,200	138,151	55,664	9,280		

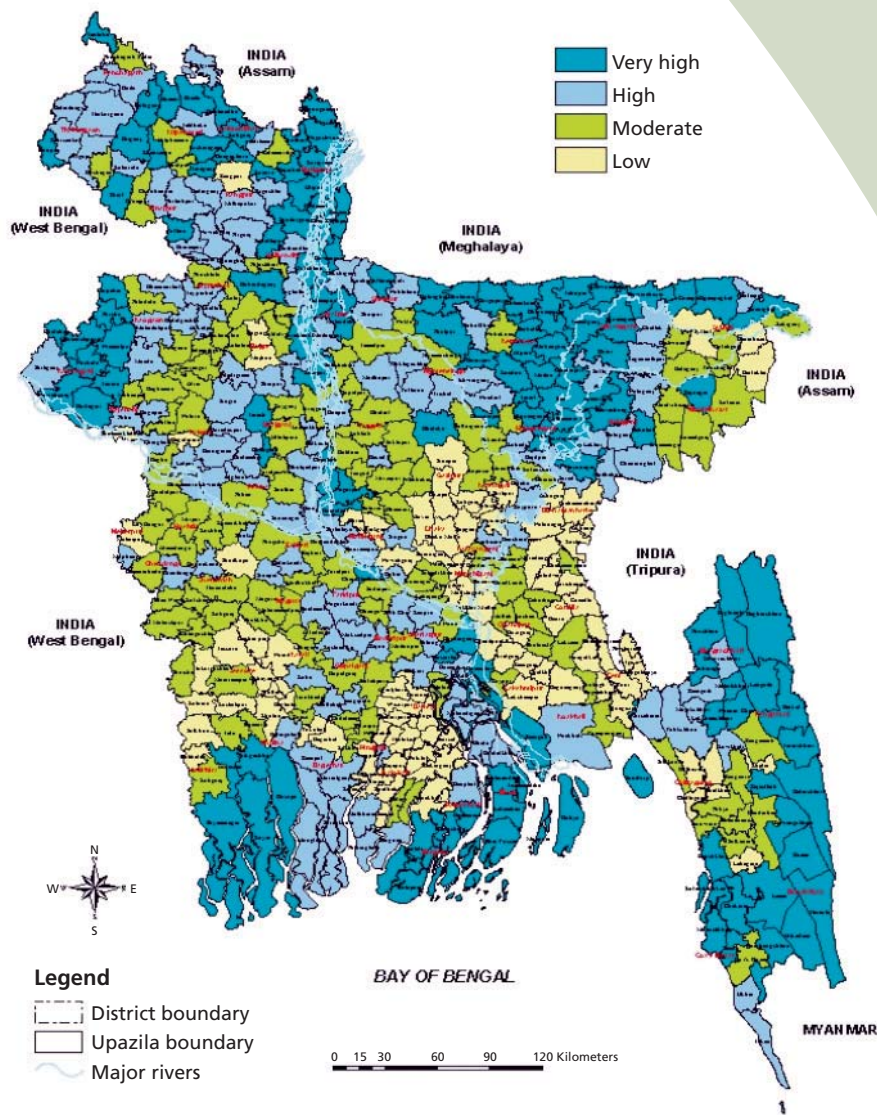


# ANNEX 7

## Relative food insecurity map



Government of the People's Republic of Bangladesh  
 Ministry of Planning, Statistics Wing  
 Bangladesh Bureau of Statistics



Dhaka, February 2004