

	منظمة الأغذية والزراعة للأمم المتحدة	<p>CFS: 94/2 Corr.1 March 1994</p>
	联合国粮食及农业组织	
	FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS	
	ORGANISATION DES NATIONS UNIES POUR L'ALIMENTATION ET L'AGRICULTURE	
	ORGANIZACION DE LAS NACIONES UNIDAS PARA LA AGRICULTURA Y LA ALIMENTACION	

Item II of the
Provisional Agenda

COMMITTEE ON WORLD FOOD SECURITY
Nineteenth Session
Rome, 22 - 25 March 1994

**ASSESSMENT OF THE CURRENT WORLD FOOD SECURITY SITUATION
AND RECENT POLICY DEVELOPMENTS**

Revised Tables 3 and 4 and Annex Table 4 are attached.

TABLE 3: Countries with Low or Critical Levels of Food Security in 1988-90 or 1991-93					
	1988-90	1991-93		1988-90	1991-93
AFRICA			ASIA AND NEAR EAST		
ANGOLA	71.1	73.8	AFGHANISTAN	37.6*	31.2*
BOTSWANA	73.5	64.6*	BANGLADESH	71.6	71.5
BURKINA FASO	68.0	NLFS	CAMBODIA	72.6	69.3
BURUNDI	59.7*	57.8*	NEPAL	72.8	68.0
CAMEROON	73.2	73.5	SRI LANKA	NLFS	73.5
CEN. AFRICAN REP	50.8*	24.8*	VIETNAM	74.5	NLFS
CHAD	44.9*	60.8*	LATIN AMERICA AND THE CARIBBEAN		
CONGO	NLFS	72.6	BOLIVIA	70.6	71.2
ETHIOPIA **	37.7*	35.2*	DOMINICAN REP	73.0	72.9
GAMBIA	72.6	73.7	GUATEMALA	NLFS	70.9
GHANA	69.4	74.4	HAITI	67.3	26.5*
GUINEA	74.1	70.1	HONDURAS	NLFS	74.4
KENYA	68.7	68.2	NICARAGUA	72.1	64.0*
LESOTHO	69.8	61.4*	PERU	69.5	63.8*
LIBERIA	71.9	61.1*	SURINAME	NLFS	74.1
MADAGASCAR	NLFS	73.6			
MALAWI	69.0	67.6			
MALI	70.4	NLFS			
MAURITANIA	73.6	71.5			
MOZAMBIQUE	41.3*	34.5*			
NAMIBIA	69.4	68.6			
NIGER	71.3	NLFS			
NIGERIA	71.5	71.1			
RWANDA	66.3	62.4*			
SENEGAL	74.4	68.0			
SIERRA LEONE	69.5	67.6			
SOMALIA	43.4*	35.8*			
SUDAN	69.7	77.9			
TANZANIA	72.0	67.9			
TOGO	73.2	69.3			
UGANDA	71.2	70.2			
ZAIRE	71.4	69.8			
ZAMBIA	71.4	62.1*			
ZIMBABWE	73.6	67.4			

* Denotes Critical. See Annex Table 4 for the full data set.

** Includes Eritrea.

NLFS: Food security level not low or critical during the period concerned.

TABLE 4 : Countries where the Food Security Situation Deteriorated by more than 2 percentage points from 1988-90 to 1991-93, by level of AHFSI				
	1988-90	1991-93	Annual Growth (%)	1993
HIGH FOOD SECURITY (REMAINED HIGH)				
CUBA	93.0	89.8	-0.5	86.6
LEBANON	93.2	88.5	nst	79.5
LIBYA	94.9	92.6	nst	94.5
MEXICO	88.6	86.0	-0.5	85.0
TURKEY	93.5	87.7	nst	91.8
HIGH FOOD SECURITY (DROPPED TO MEDIUM OR LOW)				
IRAQ	95.7	70.7	-4.0	83.9
JORDAN	91.7	76.7	-4.3	55.7
KOREA PDR	88.9	82.2	nst	73.6
MAURITIUS	84.6	82.3	nst	79.9
MOROCCO	90.3	79.3	nst	64.0
PARAGUAY	89.2	80.9	-1.6	74.4
TRINIDAD & TOBAG	91.7	81.5	-2.0	86.1
MEDIUM FOOD SECURITY (REMAINED MEDIUM)				
COTE D'IVOIRE	82.6	77.0	-1.8	71.8
CHINA	82.6	80.3	nst	79.9
COLOMBIA	80.0	77.6	nst	76.4
COSTA RICA	81.7	79.5	nst	74.3
LAOS	84.0	76.4	-1.2	77.6
SWAZILAND	83.9	77.9	nst	71.8
MEDIUM FOOD SECURITY (DROPPED TO LOW)				
CONGO	75.9	72.6	-0.7	70.2
GUATEMALA	76.0	70.9	-1.1	72.0
HONDURAS	76.9	74.4	nst	71.2
MADAGASCAR	76.2	73.6	-1.1	73.3
SURINAME	78.4	74.1	-0.9	73.1
YEMEN	79.3	75.6	nst	73.2
LOW FOOD SECURITY (REMAINED LOW)				
CAMBODIA	72.6	69.3	nst	71.1
GUINEA	74.1	70.1	-1.1	70.3
MAURITANIA	73.6	71.5	nst	58.9
NEPAL	72.8	68.0	nst	67.2
SENEGAL	74.4	68.0	-1.6	69.7
TANZANIA	72.0	67.9	-1.1	67.0
TOGO	73.2	69.3	nst	72.5
ZIMBABWE	73.6	67.4	-1.0	68.5
LOW FOOD SECURITY (DROPPED TO CRITICAL)				
BOTSWANA	73.5	64.6	nst	61.0
HAITI	67.3	26.5	-17.9	28.6
LESOTHO	69.8	61.4	-2.1	58.7
LIBERIA	71.9	61.1	-3.5	55.6
NICARAGUA	72.1	64.0	-2.2	68.4
PERU	69.5	63.8	-1.7	62.5
RWANDA	66.3	62.4	-1.5	57.0
ZAMBIA	71.4	62.1	nst	76.7
CRITICAL FOOD SECURITY				
AFGHANISTAN	37.6	31.2	-6.9	31.4
BURUNDI	59.7	57.8	-2.0	56.4
CEN AFRICAN REP	50.8	24.8	nst	20.6
ETHIOPIA *	37.7	35.2	nst	20.6
MOZAMBIQUE	41.3	34.5	-3.0	34.5
SOMALIA	43.4	35.8	-6.1	37.5

Note: The annual growth rates are estimated by fitting a regression line to the natural logarithms of the AHFSI (1985-1993).

nst: The estimated annual growth rates are not statistically significant at the 5% level.

* Includes Eritrea.

ANNEX TABLE 4: Estimated Values of the Aggregate Household Food Security Index [AHFSI*]

	1988	1989	1990	1988-90	1991**	1992**	1993**	1991-93**
Countries with HIGH levels of FOOD SECURITY, average AHFSI for 1988-90 equal to or greater than 85								
ALGERIA	91.9	93.0	93.0	92.6	95.8	91.6	90.7	92.7
ARGENTINA	94.0	93.6	94.3	94.0	97.2	94.4	93.7	95.1
BRAZIL	90.7	91.1	90.5	90.8	95.6	93.4	90.9	93.3
CUBA	92.8	92.9	93.3	93.0	92.3	90.6	86.6	89.8
EGYPT	90.6	90.7	91.0	90.8	91.3	91.3	91.2	91.3
INDONESIA	84.9	85.5	86.3	85.6	85.5	87.4	85.0	85.9
IRAN	92.9	93.3	93.8	93.3	94.2	94.2	95.1	94.5
IRAQ	95.5	96.5	95.0	95.7	60.5	67.8	83.9	70.7
JORDAN	94.4	91.4	89.3	91.7	93.0	81.5	55.7	76.7
KOREA DPR	88.6	88.9	89.2	88.9	90.1	83.1	73.6	82.2
LEBANON	92.8	93.5	93.3	93.2	98.6	87.5	79.5	88.5
LIBYA	94.6	94.8	95.2	94.9	92.3	91.1	94.5	92.6
MALAYSIA	90.5	91.3	91.1	91.0	93.4	88.8	85.2	89.1
MAURITIUS	84.1	84.8	85.0	84.6	81.4	85.7	79.9	82.3
MEXICO	89.1	89.0	87.8	88.6	85.7	87.2	85.0	86.0
MOROCCO	89.8	90.3	90.7	90.3	95.3	78.5	64.0	79.3
PANAMA	86.4	83.7	86.6	85.5	86.9	89.6	75.2	83.9
PARAGUAY	89.7	89.5	88.4	89.2	84.0	84.4	74.4	80.9
KOREA REP	95.7	95.9	96.3	96.0	98.0	95.9	89.0	94.3
S. ARABIA	90.5	90.6	90.5	90.5	92.5	89.3	88.1	89.9
SYRIA	94.4	93.6	94.3	94.1	92.5	95.1	97.2	94.9
TRINIDAD & TOBAGO	92.7	91.7	90.8	91.7	76.0	82.4	86.1	81.5
TUNISIA	91.3	92.3	92.7	92.1	95.5	92.6	93.7	93.9
TURKEY	93.0	93.3	94.2	93.5	88.2	83.0	91.8	87.7
URUGUAY	89.2	87.1	88.2	88.2	85.6	94.9	87.8	89.4
Countries with MEDIUM levels of FOOD SECURITY, average AHFSI for 1988-90 equal to or greater than 75 but less than 85								
BENIN	76.5	78.1	76.0	76.9	79.4	77.4	75.7	77.5
COTE D'IVOIRE	84.5	84.1	79.3	82.6	79.6	79.6	71.8	77.0
CHILE	80.1	80.7	79.6	80.1	79.8	86.5	72.2	79.5
CHINA	81.8	82.3	83.8	82.6	80.4	80.5	79.9	80.3
COLOMBIA	79.3	80.1	80.4	80.0	77.6	78.7	76.4	77.6
CONGO	76.6	74.6	76.6	75.9	72.0	75.7	70.2	72.6
COSTA RICA	80.0	82.1	83.1	81.7	80.8	83.3	74.3	79.5
ECUADOR	78.8	79.0	79.7	79.2	79.1	80.6	77.1	78.9
EL SALVADOR	77.0	75.9	76.0	76.3	78.6	80.0	75.6	78.1
GABON	78.6	77.5	77.2	77.7	78.8	77.0	73.6	76.5
GUATEMALA	74.8	76.5	76.7	76.0	72.8	68.0	72.0	70.9
GUYANA	83.0	81.3	77.6	80.7	92.3	90.4	90.4	91.0
HONDURAS	74.5	77.9	78.3	76.9	80.1	71.9	71.2	74.4
INDIA	74.4	75.4	75.6	75.1	73.9	75.1	74.6	74.5
JAMAICA	75.3	76.0	78.1	76.5	96.6	88.3	82.5	89.1
LAOS	83.7	84.3	84.0	84.0	72.3	79.2	77.6	76.4
MADAGASCAR	75.8	76.4	76.6	76.2	73.5	73.9	73.3	73.6
MYANMAR	83.4	82.8	83.4	83.2	80.6	84.7	88.8	84.7
PAKISTAN	74.2	80.9	80.8	78.6	76.6	79.2	79.3	78.4
PHILLIPINES	77.6	81.6	83.6	80.9	80.4	78.6	80.2	79.7
SRI LANKA	74.8	74.0	76.8	75.2	74.6	74.0	71.8	73.5
SURINAME	78.4	78.7	78.1	78.4	77.9	71.3	73.1	74.1
SWAZILAND	84.6	82.8	84.4	83.9	93.3	68.5	71.8	77.9
THAILAND	76.7	76.6	76.6	76.6	81.3	80.1	73.3	78.2
VENEZUELA	83.4	72.9	75.9	77.4	77.4	80.1	71.0	76.2
YEMEN	78.3	79.5	80.2	79.3	68.2	85.5	73.2	75.6

ANNEX TABLE 4: Estimated Values of the Aggregate Household Food Security Index [AHFSI]* (continued)								
	1988	1989	1990	1988-90	1991**	1992**	1993**	1991-93**
Countries with LOW levels of FOOD SECURITY, average AHFSI for 1988-90 equal to or greater than 65 but less than 75								
ANGOLA	70.3	73.6	69.5	71.1	82.8	86.6	52.1	73.8
BANGLADESH	70.8	69.8	74.1	71.6	73.8	70.8	70.1	71.5
BOLIVIA	70.5	71.1	70.3	70.6	76.5	68.5	68.8	71.2
BOTSWANA	73.2	73.2	74.2	73.5	70.4	62.3	61.0	64.6
BURKINA FASO	67.2	68.6	68.4	68.0	85.2	78.1	73.9	79.1
CAMBODIA	72.1	72.6	73.1	72.6	69.6	67.3	71.1	69.3
CAMEROON	73.4	72.8	73.4	73.2	76.0	74.2	70.5	73.5
DOMINICAN REP	71.4	73.5	74.1	73.0	72.3	72.2	74.2	72.9
GAMBIA	72.3	72.6	72.9	72.6	78.8	70.1	72.1	73.7
GHANA	69.8	71.7	66.6	69.4	77.9	72.8	72.5	74.4
GUINEA	73.3	75.0	74.0	74.1	74.9	65.0	70.3	70.1
HAITI	75.2	65.9	61.0	67.3	24.8	26.2	28.6	26.5
KENYA	68.9	68.5	68.6	68.7	67.7	70.3	66.5	68.2
LESOTHO	69.8	70.0	69.6	69.8	64.5	61.0	58.7	61.4
LIBERIA	74.5	74.7	66.5	71.9	63.7	63.7	55.9	61.1
MALAWI	69.2	68.9	68.7	69.0	71.5	59.1	72.2	67.6
MALI	70.6	69.9	70.8	70.4	82.1	72.2	73.2	75.8
MAURITANIA	73.7	73.1	73.9	73.6	88.0	67.7	58.9	71.5
NAMIBIA	70.1	69.1	69.2	69.4	70.2	69.6	65.9	68.6
NEPAL	72.2	72.8	73.3	72.8	71.2	65.6	67.2	68.0
NICARAGUA	72.7	71.9	71.7	72.1	61.2	62.5	68.4	64.0
NIGERIA	70.7	72.6	71.1	71.5	71.1	71.3	70.9	71.1
NIGER	71.2	71.0	71.8	71.3	91.1	83.3	75.7	83.4
PERU	73.5	69.0	66.0	69.5	65.1	63.9	62.5	63.8
RWANDA	63.0	68.7	67.4	66.3	67.7	62.4	57.0	62.4
SENEGAL	73.0	74.7	75.5	74.4	68.9	65.5	69.7	68.0
SIERRA LEONE	68.7	69.3	70.5	69.5	67.8	67.5	67.4	67.6
SUDAN	70.2	69.5	69.5	69.7	85.8	74.6	73.2	77.9
TANZANIA	71.6	72.4	72.1	72.0	70.0	66.6	67.0	67.9
TOGO	72.4	74.6	72.6	73.2	68.3	67.0	72.5	69.3
UGANDA	70.9	71.9	70.8	71.2	69.4	69.1	72.2	70.2
VIETNAM	74.2	74.7	74.4	74.5	74.5	78.5	76.3	76.4
ZAIRE	71.7	71.7	70.9	71.4	70.4	69.6	69.3	69.8
ZAMBIA	71.4	71.5	71.5	71.4	69.1	40.4	76.7	62.1
ZIMBABWE	73.8	73.6	73.3	73.6	64.7	69.0	68.5	67.4
Countries with CRITICALLY LOW levels of FOOD SECURITY, average AHFSI less than 65								
AFGHANISTAN	40.9	36.7	35.1	37.6	30.2	32.1	31.4	31.2
BURUNDI	61.6	58.2	59.4	59.7	59.0	58.0	56.4	57.8
C. AFRICAN REP	44.5	47.0	61.0	50.8	32.7	21.2	20.6	24.8
CHAD	50.5	43.8	40.5	44.9	66.8	65.9	49.6	60.8
ETHIOPIA ***	39.2	37.6	36.2	37.7	30.7	50.8	24.1	35.2
MOZAMBIQUE	43.0	40.0	41.0	41.3	34.4	34.7	34.5	34.5
SOMALIA	49.9	43.7	36.7	43.4	35.2	34.5	37.5	35.8

NOTE: The countries have been classified into the various categories based on the natural clusterings of the countries along the number line representing the ordinal scale of AHFSI. Within each category, the countries have been put into alphabetical order.

* The index is similar in form to Sen's aggregate poverty index (Sen 1976), but also incorporates a measure of instability of DES along the lines suggested in Bigman (1993). The data requirements for the construction of the index can be specified as follows: (1) average per caput annual dietary energy supplies (DES), from the AGROSTAT database; (2) average daily dietary energy requirements (James and Schofield 1990); (3) nutritional threshold levels below which an average individual is considered undernourished; (4) average daily energy availability to those who are considered undernourished (FAO 1992); (5) estimates of the distributional parameter; and (6) annual shipments of cereal food aid, from the AGROSTAT database. Since cereal food aid is not included in the calculations of DES, AHFSI is a counterfactual measure, indicating what the aggregate food security situation in the country would have been had there been no cereal food aid.

** The values of AHFSI for the years 1991, 1992 and 1993 are preliminary and do not come from SUA estimates. 1991 and 1992 DES include the effects of the changes in production, imports, exports, feed and seed of cereals, pulses, roots/tubers and vegetables as compared to 1990, while for 1993 they include the effects of changes only in the production of these crops.

*** Includes Eritrea.

