

FOOD BALANCE SHEET 1992 - 1996

(Revised Series)

DEPARTMENT OF CENSUS AND STATISTICS
MINISTRY OF FINANCE AND PLANNING

FOOD BALANCE SHEET 1992 - 1996

(Revised Series)

See in comments

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The Department of Census & Statistics is responsible for the preparation of the annual Food Balance Sheet (FBS) according to the terms and references of the Food and Agricultural Organization. In this context, the Agriculture and Environmental Statistics Division of the DCS has been preparing the FBS annually since 1950. However, no publication has been released until 1983. In 1983 for the first time the DCS issued the FBS as a small booklet in a descriptive from and continued thereafter. This publication gives the revised FBS from 1992 - 1995 and the FBS for year 1996.

My thanks are due to A.M.U. Dissanayake, Deputy Director in-charge of Agriculture and Environmental Statistics Division for his guidance for the preparation of this issue and Ms. D.D.M.V. Perera, Statistician, Ms. Manel Siriwardane, Statistical Officer and Mr. S. Theivaseelan, Statistical Investigator who are responsible for the collection of required data and compilation of this manual. I also thank Mr.K.D. Siripala, Deputy Director of Printing Division and his staff for the printing of this publication in a shortest possible time.

I would like to welcome any useful suggestions for the improvement of this FBS.

A.G.W.Nanayakkara

Director General of Census & Statistics

Department of Census & Statistics

P.O.Box 563

Colombo 7.

10th September, 1997.

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HISTORY AND DEVELOPMENT OF FOOD BALANCE SHEETS

During World War II the need arose for a working basis on which the Combined Food Board (representing Canada, United Kingdom, and United States of America) and other governmental agencies might equitably distribute foods in short supply in a way that would promote the successful prosecution of the war. This need gave considerable stimulus to the study of food consumption levels and of the nutritional requirements of the populations in the countries concerned, as well as to an appraisal of the effects of the dietary changes that were taking place under wartime conditions. Much work of this nature had already been done by nutritionists and agricultural economists in the pre-war years, but no regular comprehensive comparisons had been made of total national supplies of food in different countries, with evaluation of their nutrient contents.

In 1942,, however, the Inter-Allied Committee on Post-war Requirements made a number of studies, through the use of food balance sheets, on post-war food requirements in European countries. The following year, a joint committee of experts from Canada, the United States of America, and the United Kingdom published its first report, Food Consumption Levels in the United States, Canada, and the united Kingdom, in which a more detailed food balance sheet technique was employed and developed.

Similar studies were undertaken at a later date during and after the war, when estimates were needed for the feeding of the civilian population in countries occupied by allied forces as well as for the food requirements of UNRRA. this work was done under severe handicaps, since, owing to the displacement of statistics during the war, adequate official data on crop and livestock production were often not available. Nevertheless, considerable development was made in the technique for estimating food consumption levels by food balance sheet methods.

In 1946, this same technique was used in the FAO publication, World Food Survey, in which detailed figures are given for 70 countries, showing food consumption levels existing before the war and the increase in food supplies needed to reach nutritional target levels by 1960. FAO has since continued to use food balance sheets for analyses of the food situation in individual countries.

Nevertheless, owing to the lack of adequate data, the food balance sheets prepared by FAO for many countries are still only rough approximations. In fact, for some of the less advanced countries, in which acceptable estimates very seldom exist even for crop production, it has proved impracticable to construct even the most rudimentary balance sheet. Recognizing that the food balance sheet is a useful tool in the analysis of progress made in improving the food position in all countries, the Conference of FAO at its Fourth Session in Washington in 1948 recommended

(I)

⁽I) Hand Book for the preparation of Food Balance Sheets April 1949 Food and Agriculture Organisation of the United Nations.

- (1) that member governments be asked to prepare food balance sheets according to a uniform pattern and submit them to FAO, as a means of assisting governments in the preparation of such food balance sheets FAO should distribute as soon as possible a manual setting forth the technique developed for the preparation of food balance sheets;
- (2) that FAO provide direct assistance in this work to those governments which find it difficult to prepare food balance sheets;
- (3) that, in order to promote comparability in the presentation of food consumption data in terms of calories and nutrients, FAO continue work on food composition and make available to governments food composition tables (provisionally based on the methods recommended by the Committee on Calorie Conversion Factors and Food Composition Tables which may be used in the preparation of food balance sheets;
- (4) that food balance sheets be published as soon as possible for those countries with adequate data, after consultation with the governments concerned, and that in the future food balance sheets for as many countries a possible be published regularly.

Accordingly, governments have been asked to submit their own revisions balance sheets prepared by FAO for pre-war and for 1947/48 and are being asked furnish their own food balance sheets for 1948/49 and subsequent periods.

Two handbooks are at present being issued to serve as a guide to govern in the construction of food balance sheets on a uniform procedure, so that the greater degree of comparability in preparation of the data will be possible.

By constructing food balance sheets with the aid of those handbooks, it is hoped that interest will be stimulated in the study of food consumption levels and diets and that, as a result, governments will use the information brought to light by this techniques to plan their food production and trade programs and to improve the nutritive value of the national food supply.

It is recognized that food balance sheets will continue to remain an imperfect tool in the examination and improvement of national food programs until the range and accuracy of national statistics on food and agriculture have been greatly increased. It is hoped, however, that compilation by governments of their own food balance sheets will lead to considerable improvement both in national statistics and in balance sheet.

(2) WHAT IS A FOOD BALANCE SHEET?

The total quantity of foodstuffs produced in a country, added to the total quantity imported and adjusted to any change that may have occurred in stocks since the beginning of a given period, gives the total food supply available in that period. When the following are deducted from this value: the quantities exported, fed to livestock, used for seed or put into industrial and other non-food uses, as well as losses owing to wastage of all kinds, the remaining quantities represent the food supplies available for human consumption during the period.

Such an analysis is made for each commodity entering into human consumption, and the per capita supply of each food for human consumption is then obtained by dividing the balance by the population figure. The nutrient contents of these supplies expressed per person per day are derived by applying the appropriate nutrient conversion factors available.

It is important to note that the food supply for human consumption, as estimated by food-balance-sheet methods, relates simply to the quantities of food available for the consumer but not necessarily to the food actually consumed by the population. Wastage on the farm in distribution or in processing, and other wastage occurring before foods reach the consumer, are taken into consideration. However, the amount of food actually consumed may be slightly or appreciably lower according to the degree of waste in the preparation and cooking of foods, as well as in plate waste, i.e., the waste of edible material that is not eaten. At the same time, it should also be emphasized that the estimates must cover all the available food supplies, including those not recorded in official statistics - such as those from the smallest farms, home gardens, and other like sources.

(3) IMPORTANCE OF THE FOOD BALANCE SHEET

Food balance sheet shows the quantities and types of food available for consumption in any country and give the content of the food supply expressed in terms of nutrient value. Annual food balance sheets, tabulated regularly over a period of years for each country, will show the trends in the overall national food supply, disclose changes that may be taking place in the types of food consumed, and reveal the extent to which the food supply of the country as a whole, though not of different groups in the community, is adequate in relation to nutritional requirements. In conjunction with other economic indices, serve as a useful means of measuring how agricultural production per person compares with previous levels and may disclose the significant, and possibly permanent, changes in the pattern of agriculture, trade and the content of the national diet.

Provided that methods of calculation are comparable from one country to another, food balance sheets for any given period may also be used, within limitations, to compare the national average food supplies and the quantities of calories and nutrients available to the population as a whole in different countries. In practice, the types and composition of foodstuffs produced, and the coverage and quality of statistics concerning them, vary so widely from country to country that strict comparability is difficult to attain, therefore, comparison of the food balance sheet for one country with that for another may be seriously misleading, unless due account is taken of such differences.

Food balance sheets, by bringing together a large part of the food and agriculture data in each country, also serve as a focal point for a detailed examination and appraise of the food and agricultural situation in a country. For example, comparison of the quantities of food available for human consumption with those imported, as shown in a food balance sheet, will indicate the extent to which a country is depending upon imports to meet its food requirements. The quantities of food crops used for feeding livestock, in relation to total crop production, may indicate the degree to which primary food resources are being utilized to produce animal foods and may serve as useful data in an analysis of livestock policy or of the pattern of agriculture. Comparison of losses through food wastage from country to country, as estimated in food balance sheets, may stimulate interest in making more accurate assessments of such wastage and may lead to effecting diminution of waste where it is unnecessarily high.

Finally, food-balance-sheet technique may also be used in forecasting the food supplies likely to be available from home production in any country, if reasonably reliable estimates of crop and livestock production and utilization could be provided in advance.

www.padippakam.com (4) SRI LANKA FOOD BALANCE SHEET

The Department of Census & Statistics is responsible for the compilation of annual food Balance Sheet in Sri Lanka which is being prepared in a systematic manner since 1950 according to the guidelines laid down by the F.A.O. However, no annual publication has been released until 1983 and from the inception up to 1983 It was limited to a main sheet with out descriptions. Since 1983 the Department had taken steps to issue as a small booklet in a descriptive form.

(5) DAILY RECOMMENDED NUTRIENT ALLOWANCES FOR SRI LANKA

Setting up scales of requirements or recommended allowances for use in a particular country is a formidable task and requires the services of highly qualified scientists specialised in physiology and nutrition. Details about the age, sex, body weight, height, occupation etc. are required to set up the scales of nutrient requirements. Information should also be available which will enable occupation to be classified according to the broad degrees of activity adopted in the scales.

The following table gives the Daily Recommended Nutrient Allowances for Sri Lanka, prepared by the Department of Nutrition, Medical Research Institute, Colombo, Sri Lanka.

DAILY RECOMMENDED NUTRIENT ALLOWANCES FOR SRI LANKA

	اي ايو	Weight Kg.	Calo- ries	Pro- tein	Cal- cium mg.	Iron Mg.	Vita-min A meg.	Vita- min D meg.	Thia- mine meg.	Mico Plavin Meg.	Nia-cin Mg.	Asco bic Acid Mg.
				1.0	550	10	300	10.0	300	500	5.4	20
7-12 months	M&F	7.3	818	19	450	10	250	10.0	500	800	9.4	20
1-3 years	M&F	12.0	1212	24	450	10	300	10.0	700	1100	12.1	20
4-6 years	M&F	18.2	1656	31	450	10	400	2.5	900	1300	14.5	20
7-9 years	M&F	26.2	1841	35	650	10	575	2.5	1000	1600	17.2	20
0-12 years	M	34.0	2414	45	650	10	575	2.5	900	1400	15.5	20
0-12 years	F	36.0	2238	46	650	18	725	2.5	1200	1700	19.1	30
3-15 years	M	49.0	2337	49	550	9	750	2.5	1200	1800	20.3	30
16-19 years	M	51.0	2500	51	450	9	750	2.5	1200	1800	19.8	30
20-39 years	M	55:0	2530	52	450	9	750	2.5	1200	1800	19.8	30
10-49 years	M	1	2404	52	450	9	750	2.5	1200	1800	19.8	30
50-59 years	M	1	2277	52	450	9	750	2.5	1200	1800	19.8	30
60-69 years	M	1	2024	52	7.5	9	750	2.5	1200	1800	19.8	30
70 years	M	1130-11	1771	52	450		725	2.5	1000	1500	16.4	30
13-15 years	F	40.0	2300	46	650	24	750	2.5	900	1400	15.2	30
16-19 years	F	43.8	2200	42	550		750	2.5	900	1300	14.5	30
20-39 years	F	47.0	1900	41	450	28	750	2.5	900	1300	14.5	30
40-49 years	F		1805	41	450		750	2.5	900	1300	14.5	30
50-59 years	F		1710	41	450	28	750	2.5	900	1300	14.5	30
60-69 years	F		1520	41	450	24	750	2.5	900	1300	14.5	30
70 years	F .		1330	41	450	24	/30	2.3	300	1500	1	1
pregnancy	000		COLO	1	1000	40	750	10	900	1400	15.2	30
lst	half	10.7	+150	46	1000	40	750	10	+100	+200	+2.3	30
2nd	helf		+350	15	1000		1200	10	+200	+400	+3.7	30
LACTATION	1237.00		+550	28	1000	40	1200	110	.200	1.400	1	

Protein allowance on basis of chemical score of 60 for local diets.

Reference
(1) Energy and Protein Requirements- World Health Organization Technical Report Series No.522 (1973).

(2) Handbook of Human Nutritional Requirements - W.H.O. Monogram Series 61 (1974)

Department of Nutrition, Medial Research Institute, Colombo 8. CGH/January 1976.

Source: An analytical description of POVERTY IN SRI LANKA-

(6) REVISED FOOD BALANCE SHEET 1992-1996

It has been decided to revise the basis of computation of the FBS and prepare this publication giving the annual food balance sheet covering the period from 1992-1996 incorporating the revised base information. It may be mentioned here that the annual food balance sheet for years 1991 upto 1994 have been already published using the original baseline data and make available to the users. The present publication thus contains the revised series from 1992 - 1995 and the food balance sheet for the year 1996 based on the new computation. Some of the major reasons for making the revision are as follows:

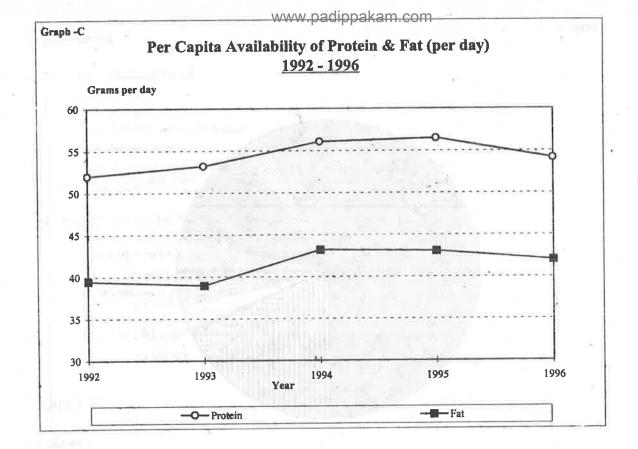
- (a) To a greater extent the Department of Census & Statistics (DCS) depends on various agencies for the statistical information that are being used to compute the Food Balance Sheet. As soon as the calendar year is over, the DCS requests the various sources departments / Agencies Organizations both private & Government who collect the information for their administrative purposes. At the time of data collection it was very often found that the quoted information by these sources are in a form of provisional or tentative nature. It was also found that data has been revised latter.
- (b) Food habits and items in the food basket etc. of the people have changed over the period due to various reasons such as price changes, import policies, new technological innovation pertaining to preparation of food, etc. These factors would certainly affect the consumption pattern of the habitats. However, it is not possible to frequently measure these changes but by adhoc types of surveys that are undertaken. The DCS has undertaken such type of family budget surveys: "Socio Economic survey in 1985/86" and again "Household income and expenditure survey in 1990/91." For the revised series of food balance sheets, the values reported in the 1990/91 survey have been used while prior to 1991 series the values obtained in 1985/86 survey was used.
- (c) The nutritional values used for different type of food items in the previous series were based on FAO reference materials. Revised series have been based on the "Table of Food Composition -for use in Sri Lanka", by medical Research Institute- Colombo published in 1989.
- (d) Some manual errors that had been occurred during the preparation of last issues were detected and corrected in the revised series.

(7) COMPONENTS OF FOOD BALANCE SHEET

The main components of the Food Balance Sheet are:

Supply

- (i) Production
- (ii) Change in Stocks
- (iii)Gross Exports
- (iv) Gross Imports
- (v) Available Supply



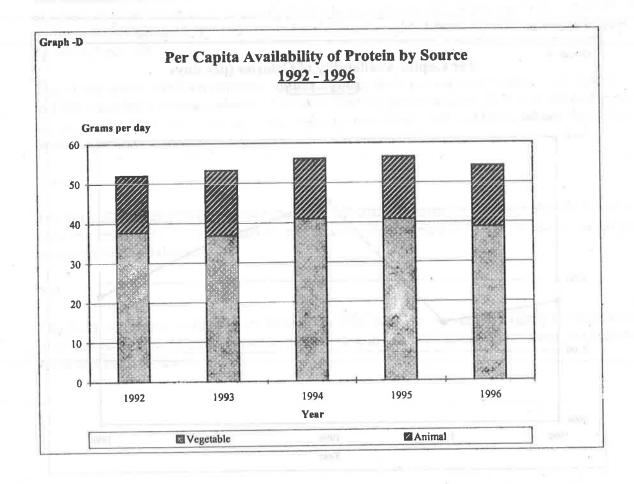


Table 1:

CALORIES, PROTEIN AND FAT AVAILABILITY BY COMMODITY 1992 - 1996

Commodity		0	Calories (No.)				Prote	Protein (Grams)				124	Fat (Grams	(1	
SULE LANGUE OF	1992	1993	1994	1995	1996	1992	1993	1994	1995	1996	1992	1993	1994	1995	1996
Cereals	1,253.41	1;212.11	1,285.80	1,298.07	1,240.31	27.87	26.99	29.20	30.05	28.24	2.17	2.10		2.44	2.28
Roots & Tubers	86.69	70.10	66.42	64.24	61.52	0.47	0.45	0.44	0.43	0.44	0.10	0.10		0.00	0.08
Sugar	268.54	277.79	328.88	275.18	262.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
Pulses & Nuts	52.97	54.82	75.70	62.46	63.85	3.87	4.01	5.78	4.83	4.57	0.40	09.0	1.02	0.98	0.88
Vegetables	51.04	49.23	50.57	51.93	52.13	2.28	2:22	0.27	2.31	2.31	0.32	0.31		0.32	0.32
Fruits	20.73	21.19	22.28	21.89	24.11	0.38	0.39	0.40	0.40	0.41	0.36	0.36		0.37	0.37
Meat	13.14	13.38	13.01	16.74	15.54	1.68	1.87	2.07	2.48	2.36	0.71	99.0		0.76	0.68
Eggs	12.32	12.83	12.75	12.56	12.33	0.95	0.99	0.98	0.97	0.95	0.95	0.99		0.97	0.95
Fish	51.30	59.53	50.82	51.69	53.46	8.81	10.56	8.99	8.97	8.98	1.56	1.66		1.56	1.73
Milk	62.40	61.76	65.04	68.22	64.54	2.89	2.90	3.06	3.24	3.06	3.72	3.64		3.97	3.77
Oil & Fat	313.21	308.22	341.71	334.98	329.52	2.82	2.84	2.88	2.84	2.86	29.18	28.56	(-1	31.61	30.95
Total	2 169 03	2 140 06	2 212 00	7 257 07	2 170 70	50 63	22.23	20 73	67.60	9	20				
Total	2,169.03	2,140.96	2,313.00	2,257.97	2,179.79	52.03	53.22	26.07	26.50		54.18		39.46	39.46 38.97	54.18 39.46 38.97 43.19 43.06

Table 2:

PER CAPITA AVALLABILITY OF CALORIES, PROTEIN AND FAT FROM VEGETABLE AND ANIMAL RESOURCES 1992 - 1996

Year		Calories per day		4	rotein (Grams/da	(y)		Fat (Grams/day)	
1 1 1 1	Total	Vegetable	Animal	Total	Vegetable	Animal	Total	Vegetable	Animal
1992	2,169.0	2,028.6	140.5	52.0	37.7	14.4	39.5	32.4	7.1
1993	2,141.0	1,992.2	148.8	53.2	36.9	16.3	39.0	31.9	7.1
1994	2,313.0	2,169.5	143.5	56.1	40.9	15.1	43.2	36.3	6.9
1995	2,258.0	2,107.0	151.0	56.5	40.8	15.7	43.1	35.6	7.4
1996	2,179.8	2.031.7	148.1	54.2	38.8	15.4	42.0	34.7	73

FOOD BALANCE SHEET - 1992 (Revised)

Commodity	Production Foreign Trade & Availability	Foreign Tr	ade & Ava	ilability			Dis	Distribution					Per Ca	Per Capita Avaliability	ability	
	T. C.	9.000			1	1	П.		1		7	1		7-12-12	7	1000
		Change Gross	S		_	Seed		waste					Sms:	_	TOU: CHILS I	at Gms.
	ction in st	in stocks Exports Imports	ts Imports	Supply	Feed		acture		Gross	(1)		H	per day	ay	33	Per day
	1 2	2 3	4	5	9	7	00	6	10	11	12	13	14	15	16	17
A.Cereals	7 70 8		-	1		7.7										
1.Rice	2339.70 -18	-18.12	348.85	2706.67	1.21	33.52		162.40	2509.54		1706.49	98.05	268.62	929.42	17.73	1.21
2.Kurakkan & Meneri	5.28			5.28	91	0.04		0.16	5.09	06	4.58	0.26	0.72	2.36	0.05	0.01
3.Maize	28.80			28.80	0.05	0.22		98.0	27.67	06	24.90	1.43	3.92	14.19	0.37	0.16
4.Sorghum	0.10		-	0.10	d	0.00		00.0	0.10	06	0.09	0.01	0.01	0.05	0.00	0.00
5. Wheat Flour	-43	-43.50	522.93	566.44	0.20			5.10	561.14		561.14	32.24	88.33	307.39	9.72	0.79
Total Cereals	THE WINDS			- Invocation	7.0			10000					-	1253.41	27.87	2.17
B.Roots & Tubers													,			
1. Potatoes	78.56			78.56		689		7.86	63.82		63.82	3.67	10.05	9.74	0.16	0.01
2.Manioc	302.21	EALL: YA		302.21	0.00	No.		99.06	211.54		211.54	12.15	33.30	52.28	0.23	0.07
3.Sweet Potatoes	60.15			60.15				18.05	42.11		42.11	2.42	6.63	7.95	0.08	0.02
Total Roots & Tubers														86.69	0.47	0.10
C.Sugar		3	•5						8							
1.Refine(Sugar)	59.97 4	4.38	370.05	425.64	4				425.64	4	425.64	24.45	67.00	268.00		
2.Jaggery	1.02			1.02					1.02		1.02	90.0	0.16	0.54	0.00	00.00
Total Sugar						5	I.e		i.		ěs.			268.54	0.00	0.00
D.Pulses & Nuts	100			Ē	10						177	75				1
1.Green Gram	23.14			23.14	10 10	0.24		69.0	22.20	14.4	22.20	1.28	3.50	12.16	98.0	0.04
2.Soya Bean	1.35		0.27	1.61	00.0	0.04		0.05	1.53		1.53	60.0	0.24	1.04	0.10	0.05
3.Cowpea & Dhall	17.47	3,22	55.24	69.48	Ĉ	0.19		2.08	67.21		67.21	3.86	10.58	35.29	2.52	0.12
4. Ground Nuts	3.24		0.01	3.24	Ė	0.42		0.10	2.73		2.73	0.16	0.43	2.44	0.11	0.17
5.T.V.P.	66.0		2.51	3.50				10	3.50		3.50	0.20	0.55	2.04	0.28	0.05
Total Pulses & Nuts	7		-						H				10 3	52.97	3.87	0.40
	×			3	a Z											
E. Vegetables 1 Vegetables (Exc. 1 Omion)	62131			621.31					621.31		621.31	35.70	97.80	43.96	2.06	0.30
2.Onion	82.34	-2.04	35.51	119.89	P	7.72	ik	35.97	76.20		76.20	4.38	12.00	7.08	0.22	0.01
Total Vegetable	3				3		-			=				51.04	2.28	0.32
F.Fruits											Ī			-		ľ
1.Fresh	129.62	1.98		13	To the		1.79 128.74 128.74		128.74	XIX	128.74	7.40	20.26	18.70	0.37	0.36
2.Dried (Dates, Grapes)		0.01	1 4.08						4.06		4.06	0.23	0.64	2.03	0.02	0.00
Total Fruit														20.73	0.38	0.36

Commodify	Produc	Production, Foreign Trade & Availability	de & Avai	lability			1 36 1	Distribution	To the same of			100	Per C.	Per Capita Avaliability	liability	H
	Produ	Change Gross	Gross	Avail:		Seed	Manuf	Waste	Food	Extr:	Food	Кет:	Gms:	Calories	Calories Prot:Gms Fat Gms	Fat Gms.
	ction	in stocks Exports Imports	Imports	Supply	Feed		acture		Gross	Rate	Net	per yr:	per day	Per day	per day	Per day
T Vogeth T	1	2 3	4	5	9	7	00	6	10	11	12	13	14	15	16	17
G.Meat		1100		T05-100		821		in in	III CO		W 70	100	30.8	12 ×	10.00	43
1.Beef	25.73		0.10	25.82					25.82		25.82	1.48	4.06	8.21	0.77	0.57
2.Pork	2.02			2.02					2.02		2.02	0.12	0.32	1.18	0.04	0.11
3.Mutton (Goat & Sheep)	1.95		0.30	2.26					2.26		2.26	0.13	0.35	0.42	0.08	0.01
4.Poultry	19.00		0.38	19.38					19.38		19.38	1.11	3.05	3.33	0.79	0.02
Total Meat									330		1361	1629	0,00	13.14	1.68	0.71
	Tr.			20.0				E C					000			200
H.Eggs	46.05	78.0	0.00	46.05		0.81		0.05	45.23		45.23	2.60	7.12	12.32	0.95	0.95
				50				0.11			10.				in the second	
I.Fish	Š.			No.		68.5		6.63	30.06		50508	1				100
1.Fresh Fish	206.17		0.23	206.40	0.00		21.82	61.92	122.66		122.66	7.05	19.31	25.47	3.73	1.01
2.Dried & Salted Fish	14.40		44.38	58.78					58.78		58.78	3.38	9.25	22.67	4.69	0.37
3. Tinned Fish		0.22	11.91	11.69	0.00	The State of the S			11.69		11.69	29.0	1.84	3.17	0.39	0.18
Total Fish				20					101	-	d Till		97.9	51.30	8.81	1.56
The state of the s	2000		340 00	200					100		15.54		11.00	S44.57		
J.Milk																-
1.Cow Milk	196.50		2	196.50			59.42		137.08		137.08	7.88	21.58	14.46	0.69	0.88
2.Buffaloa Milk	82.55	The second second		82.55			0.00		82.55		82.55	4.74	12.99	15.20	0.56	1.14
3. Tinned (Whole Dried)	8.46	-1.32	29.25	39.03	0.00		0.04		39.00		39.00	2.24	6.14	30.45	1.58	1.64
4.Condensed Milk	3.97		0.25	4.21	100				4.21		4.21	0.24	99.0	2.15	0.05	90.0
5.Milk Food (Yougurt etc)	1.41		0.05	1.46		Series.		12	1.46		1.46	80.0	0.23	0.14	0.01	0.00
Total Milk												1	-	62.40	2.89	3.72
K.Oil & Fats													.1.	THE STATE	100	
1.Coconut	781.09	8.43		772.66		2	216.10	2002	556.56		556 56	31 98	19 28	272 24	2 80	24.71
2.Coconut Oil	30.22	2.43		27.79			9.07		18.73	99	18.73	1.08	20.70	26.03	7.00	2 04
3.Gingelly Oil	99.0			99.0	83.57			9	0.66		990	0.04	0.10	0.07	000	0.10
4.Desiccated Coconut	53.61	-1.99 53.25		2.35		0.00	0.36		1.99		1 99	0.11	0.10	0.71	0.00	0.10
5.Margarine	8.00	0.31	1.93	9.62	-	Sough		91.10	9.62		9.62	0.55	1.51	11 59	100 11	1 20
6.Butter	0.43	0.03	0.58	0.99					0.99		0.99	0.06	0.16	1 14		0.12
7.Cheese	0.05	2	0.35	0.37	0		pfi	9	0.37		0.37	0.02	90.0	0.20	0.01	0.01
Total Oil & Fats	ALIBN T	the special section	the less of	ili gando	1		Simila		33000	- 24.57		200		313.21	2.82	20 18
Note:	E E E	Ministra Cotto	THE STATE OF	the colo	Samuel .		The later of	3000	5003	1	the state of	A	Animal	140.49	14.35	7.08
. Production of rice and highland crops is estimated for the cultivation year (Maha and Yala) and not for the calender year	hland crops	is estimated for the	he cultivat	ion year (l	Maha and	Yala) ar	nd not for	the calenc	der vear.			Ve	Vegetable 2028 55	1028 55	37.68	27 29

2. Production of vegetables, fruits, jaggery and gingelly oil is estimated by multiplying the per capita consumption by the Total Mid Year Population 3. The item Rice given here upto "Food Gross" is accounted to be in terms of Paddy. 13

39.46

Total 2169.03 52.03

FOOD BALANCE SHEET - 1993 (Revised)

	-	T.	Tank	P. A store	lo hilitar				Dietribution	-				Per	Per Capita Avaliability	Per Canita Avaliability	
Commodity	Produc	Production, Foreign 1 rade & Availability	ign Irad	e & Avai	lability				JISTIDALIK			1		٠l	Capita ra	aria Cirili	
	Produ	Change Gross	Gross	Gross	Avail:	Animal	Seed	Manuf	Waste		Extr:		Kgm:		Calones	Calories Proticins Fat Gms.	ar Cms
	ction	in stocks Exports Imports	Exports	Imports	Supply	Feed		acture		S	Rate	Ĭ	н	per day	Per day	per day	rer day
	-11	2	3	4	5	9	7	00	6	10	=	12	13	14	15	J6	12
A.Cereals	751017	11724	1.07	204 23	2605 00		86.03		161 76	2448 20	. %	1664 78	94 49	258.87	895.69	17.09	1.16
I.Kice	72.01.02	11/.34		14.40	757		0.11		0.23	7.23				101	3.32	0.07	0.01
2. Maiza	21.66			80.76	112.42	82 57	0.64		3.37	25.84	06	23.25	1.32	3.62	13.09	0.34	0.14
J.Maize	0.08	2			0.08		0.00		00.0	0.08	06	0.07	0.00	0.01	0.04	0.00	0.00
5.Wheat Flour	000	11.17		570.54	559.37				5.03	554.34		554.34	31.46	86:20	299.97	9.48	0.78
Total Cereals														•	1212.11	26.99	2.10
Done & Tohom																	
1 Detatoos	78 18	Ì			78 18		16.66		7.82	53.71		53.71	3.05	8.35	8.10	0.13	0.01
1.I Odiocs	310.87				319.82	0.00			95.95	223.88		223.88	12.71	34.81	54.66	0.24	0.07
3. Sweet Potatoes	56.24				56.24				16.87	39.37		39.37	2.23	6.12	7.35	0.07	0.02
Total Roots & Tuhere															70.10	0.45	0.10
	i i											¥ 3			ě.		
C.Sugar 1 Refine(Sugar)	68 77	16.58		393.55	445.74					445.74		445.74	25.30	69.31	277.24		
2 Jaggery	1.03				1.03	s				1.03		1.03	90.0	0.16	0.54	0.00	0.00
Total Sugar						100				18					27.77	0.00	0.00
	1																
D.Pulses & Nuts							1			3				,		1	
1.Green Gram	21.29	60			21.29		0.56		0.6	20.09		20.09	1.14	3.12	10.87	0.77	40.0
2.Soya Bean	0.83			2.99	3.82	0.00	0.02		0.11	3.63		3.63	0.21	0.56	2.44	0.24	0.11
3.Cowpea & Dhall	19.63	-3.87		45.63	69.13		0.50		2.07	66.55		66.55	3.78	10.35	34.52	2.47	0.12
4. Ground Nuts	5.45			1.17	6.62		1.30		0.20	5.12		5.12	0.29	0.80	4.51	0.20	0.32
S.T.V.P.	2.09		200	2.21	4.30					4.30		4.30	0.24	0.67	2.47	0.33	0.02
Total Pulses & Nuts												i i	- 6		24.82	4.01	0.60
E. Vegetables					30 000					30 00		30 003	25 70	02 20	12.06	206	030
1. Vegetables (Excl. Onion) 2. Onion	72.86	0.00		34.23	107.09		17.57		32.13	57.39			3.26	8.92	5.26	0.16	0.01
Total Vegetable			- 3					- 3		÷ Į,	- [H	49.23	2.22	0.31
F.Fruits									N S			F					6
1.Fresh Fruits 2.Dried (Dates & Grapes)	131.51		2.53	4.46	133.44		÷	1.58		131.86		131.86	0.26	20.50	18.93	0.37	0.00
Total Emit																	

Commodity	Produc	Production, Foreign Trade & Availability	ign Trade	& Avail	ability			Dig	Distribution	U D		100		Per	Per Capita Avaliability	aliability	
Library	Produ	Change Gross	Gross		Avail:	<u> -</u>	Seed N	Manuf V	Waste	Food	Extr:	Food	Kgm:	Gms:	Calories	Calories Prot:Gms Fat Gms	Fat Gms.
Britanite .	ction 1	in stocks]	in stocks Exports Imports 2 3 4		Supply 5	Feed 6	a 7	acture 8	6	Gross 10	Rate 11	Net 12	per yr: 13	per day 14	Per day 15	per day	Per day
G.Meat																	
1.Beef	24.41			0.04	24.45					24.45		24.45	1.39	3.80	7.68	0.72	0.53
2.Pork	1.62				1.62					1.62		1.62	0.00	0.25	0.94	0.04	0.00
3.Mutton (Goat & Sheep)	2.18			0.20	2.38					2.38		2.38	0.13	0.37	0.44	0.08	0.01
4.Poultry	25.20			0.34	25.54					25.54		25.54	1.45	3.97	4.33	1.03	0.02
Total Meat				3									*		13.38	1.87	99.0
H Faces	49.59			000	48.59		20.0		600	17.71		10.00	ć	5		- 0	300
11.1.659	20.00			8.0	00.00		6.0		70.0	4/./1		1/./4	7./1	7.47	17.83	0.99	0.99
I Fish	il de la											i					
1.Fresh Fish	220.90			5.42	226.32	00.00	2	25.73 6	06.79	132.70		132.70	7.53	20 63	26.89	3 08	18
2.Dried & Salted Fish	15.50		•	64.84	80.34					80.34		80.34	4.56	12.49	30.61	6.33	0.50
3.Tinned Fish		-0.23		7.40	7.63	0.00				7.63		7.63	0.43	1.19	2.04	0.25	0.12
Total fish						Y									59.53	10.56	1.66
S.3418423	5				ņ							V					
J.Milk	12.00											×.					
1.Cow Milk	206.56				206.56		5	59.23		147.33		147.33	8.36	22.91	15.35	0.73	0.94
2.Buffaloa Milk	68.51				68.51			0.00		68.51		68.51	3.89	10.65	12.46	0.46	0.94
3. Tinned (Whole Dried)	8.36	-0.61		32.11	41.08	0.00	Ī	0.04		41.04		41.04	2.33	6.38	31.65	1.65	1.70
4.Condensed Milk	4.21	NEV.		0.03	4.24					4.24		4.24	0.24	99.0	2.14	0.05	90.0
5.Milk Food (Yougurt etc)	1.52			0.05	1.56					1.56		1.56	60.0	0.24	0.15	0.01	0.00
Total Milk														38	61.76	2.90	3.64
K.Oil & Fats																	
1.Coconut	736.18		09.7		728.58		#	#####		568.78		568.78	32.28	88.44	275.95	2.83	24 94
2.Coconut Oil	22.00		2.58		19.42		V	09.9		12.82		_	0.73	1.99	17.60		1 99
3.Gingelly Oil	0.67				0.67		2			19.0		1.00	0.04	0.10	0.91		0.10
4.Desiccated Coconut	39.61	-2.91	36.23		6.29			0.48		5.82	e E	5.82	0.33	0.00			
5.Margarine	8.20	-0.13		2.18	10.51					10.51		10.51	09.0	1.63	12.50	6	1.39
6.Butter	0.37	0.00		0.55	0.92					0.92		0.92	0.05	0.14	1.0		0.12
7.Cheese	0.05			0.38	0.39			23		0.39		0.39	0.02	90.0	0.21	0.01	0.02
Total oil & Fats	1 1 1 1 1	STEED TO	Signal Lands		market 1		20	TIPE .				000		100	308.22	2.84	28.56
Note:			00				III VIII	A Sun	MIR				A	Animal	148.76	16.33	7.07
1. Production of rice and highland crops is estimated for the cultivation year (Maha and Yala) and not for the calender year	land crops	is estimated	d for the c	ultivatio		aha and Ya	ala) and	not for th	ne calend	ler year.			Ve	Vegetable 1	1992.20	36.89	31.90
of Bendan Line at the second of the second at many and the second at	marke socrete	and mino	ally oil ic.	actimate	•	by multiplying the ner capita consumntion by the Total Mid Voor De	TOT COR	יוים ביסחפוזי	mation h	Tot	V POYY I	7-2- D-	1-4				

15

38.97

53.22

Total 2140.96

2. Production of vegetables, fruits, jaggery and gingelly oil is estimated by multiplying the per capita consumption by the Total Mid Year Population

3. The item Rice given here upto "Food Gross" is accounted to be in terms of Paddy.

FOOD BALANCE SHEET - 1994 (Revised)

Produce Change Gress Gross Avail: Animal Seed Manual Waste Food Extr. Food State Food	Library Company and Learning	Prod	uction, Fo	reign Trad	Production, Foreign Trade & Availability	bility		THE STATE OF	BITTER D	Distribution					Per	Per Capita Avaliability	liability	
Column C	Commodity	Produ	Change	Gross	Gross	Avail:	Animal	Seed	Manuf	Waste		Extr:	Food	Kgm:	Gms:	Calories	Prot:Gms Fat Gms	Fat Gms.
1	militar or c	ction	in stocks		Imports	Supply	- Feed		acture		Gross	Rate	Net	per yr:	per day	Per day	per day	Per day
Seg Meneri 2683.69 51.91 85.92 2757.40 95.86 165.44 2496.09 68 1697.34 95.01 2.249 1	COURSES.	1	2	3	4	5	9	7	00	6	10	11	12	13	14	15	16	17
Marchelia 2063.09 -13-90.0 113.17 113.17 113.17 113.17 113.10	A.Cereals	0,000	0000	2	0	24		70 20		165 44	2406.00		- 10		05030	0000	17 19	1 17
Rount 7,07 0.01 0.21 0.21 0.04 0.08 0.08 0.04 0.09 0.00 0.04 0.00 <t< td=""><td>1.Rice</td><td>7683.69</td><td>-39.09</td><td>21.91</td><td>26.08</td><td>04.16/2</td><td></td><td>95.80</td><td></td><td>103.44</td><td>2420.02</td><td></td><td></td><td></td><td>00.002</td><td>2000</td><td>01./1</td><td>1.1/</td></t<>	1.Rice	7683.69	-39.09	21.91	26.08	04.16/2		95.80		103.44	2420.02				00.002	2000	01./1	1.1/
Flour	2.Kurakkan & Meneri	7.07				7.07		0.10		0.21	9/.9	26	90.0	0.34	0.93	3.00	0.0	0.01
Flour	3.Maize	31.60	0.01		84.82	116.41	64.77	0.62		3.49	47.54	06	42.78	2.39	95.9	23.75	0.62	0.26
Flour	4.Sorghum	0.10				0.10		0.00		0.00	0.09				0.00	0.00	0.00	0.00
reals s. Tubers 19.39 0.46 19.84 0.00 17.20 18.63 18.6	5. Wheat Flour		-22.49		625.09	677.57				6.10	671.47				102.98	358.35	11.33	0.93
E Tubers 79.39 0.46 79.84 17.20 7.98 54.66 54.66 3.06 Sugary 298.40 0.04 17.20 7.98 54.66 54.66 3.06 Fortatroes 65.10 298.40 0.00 17.20 89.52 208.88 11.69 Sugary 72.53 15.96 491.75 548.33 14.12 534.20 534.20 29.90 Sugary 72.53 15.96 491.75 548.33 14.12 534.20 534.20 29.90 Sugar 1.04 1.23 2.28 1.412 534.20 534.20 29.90 Sugar 1.04 1.23 2.28 1.13 1.14 2.28 2.28 0.13 Sugar 1.04 1.23 2.89 0.07 0.47 1.50 0.07 0.47 1.52 1.795 1.795 1.795 1.795 1.795 1.795 1.795 1.795 1.795 1.795 1.795 1.795 1.795 </td <td>Total Cereals</td> <td></td> <td>1</td> <td>1285.80</td> <td>29.20</td> <td>2.37</td>	Total Cereals														1	1285.80	29.20	2.37
Sugary 79.39 0.46 79.84 17.20 7.98 54.66 54.66 3.06 Sugary 228.40 0.46 79.84 0.00 17.20 7.98 54.66 54.66 3.06 Sugary 72.53 15.96 491.75 548.33 14.12 534.20 534.20 534.20 29.90 Sugary 72.53 15.96 491.75 548.33 14.12 534.20 534.	B.Roots & Tubers																	
Sugar) 298.40 298.40 0.00 89.52 208.88 208.88 11.69 Sugar) 72.53 15.96 491.75 548.33 14.12 534.20 534.20 534.20 29.90 Sugar 72.53 15.96 491.75 548.33 14.12 534.20 534.20 534.20 534.20 29.90 Sugar 1.04 1.23 2.28 1.23 2.28 2.28 2.08 11.63 S. Nuts 19.03 0.00 14.78 15.76 0.00 0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.02 2.09 0.03 0.	1.Potatoes	79.39			0.46	79.84	H	17.20		7.98	54.66		54.66	3.06	8.38	8.13	0.13	0.01
Se Tubers 62.10 62.10 18.63 43.47 43.47 243 Sugar) 72.53 15.96 491.75 548.33 14.12 534.20 534.20 534.20 29.90 Sugar) 72.53 15.96 491.75 548.33 14.12 534.20 534.20 534.20 59.90 Sugar 1.04 1.23 2.28 1.23 2.28 1.13 1.23 2.28 1.13	2.Manioc	298.40				298.40	0.00			89.52	208.88	,	208.88	11.69	32.03	50.29	0.22	90.0
Sugar T.2.53 15.96 491.75 548.33 14.12 534.20 534.20 539.0 Jud	3.Sweet Potatoes	62.10				62.10	Α`			18.63	43.47		43.47	2.43	29.9	8.00	0.08	0.05
Sugar) 72.53 15.96 491.75 548.33 14.12 534.20 534.20 534.20 534.20 534.20 534.20 534.20 539.00 Ligar 1.04 1.23 2.28 1.23 2.28 1.13 2.28 0.13 & Nuts 19.03 0.00 14.78 15.76 0.00 0.07 0.47 17.95 17.95 1.00 can 0.98 1.65 79.43 96.46 0.07 0.47 15.21 15.21 0.85 a. E. Dhall 18.68 1.65 79.43 96.46 0.047 2.89 93.09 93.09 5.21 I Nuts 3.26 6.19 0.22 5.64 5.64 5.64 5.64 5.64 5.64 5.64 5.64 0.32 bies bies 637.73 637.73 6.19 6.19 6.19 6.19 6.19 6.19 6.19 6.19 6.19 6.19 6.19 6.19 6.19 6.19 </td <td>Total Roots & Tubers</td> <td></td> <td>66.42</td> <td>0.44</td> <td>0.09</td>	Total Roots & Tubers															66.42	0.44	0.09
Sugar) 72.53 15.96 491.75 548.33 14.12 534.20 534.20 534.20 534.20 534.20 534.20 534.20 539.90 70.03		į																
uts 1.04 1.23 2.28 1.23 2.28 2.28 2.28 2.28 0.13 uts 1.04 1.23 2.28 1.23 2.28 2.28 2.28 0.13 m 1.04 1.23 2.28 0.50 0.57 17.95 17.95 1.79 1.00 m 0.98 1.478 15.76 0.00 0.07 0.47 15.21 15.21 0.85 Dhall 18.68 1.65 79.43 96.46 0.47 0.47 15.21 15.21 0.85 tis 5.63 1.63 7.26 0.47 2.89 93.09 93.09 5.01 s& Nuts 3.26 6.19 1.40 0.22 5.64 5.64 5.64 0.32 s.S Nuts 3.25 6.19 3.73 6.19 6.32 6.19 0.32 s.S 0.00 50.21 133.17 20.18 39.95 73.04 7.30 7.56	1 Defendant	72 62	15 05		101 75	548 33			14 12		534 20			20 90	81 92	327 70		
uts 19.03 0.00 19.03 0.50 0.57 17.95 17.95 1.09 m 19.03 0.00 19.03 0.00 0.07 0.47 15.21 15.21 1.09 Dhall 18.68 1.65 79.43 96.46 0.00 0.07 0.47 2.89 93.09 93.09 5.21 its 5.63 1.63 7.26 1.40 0.28 56.4 5.64 0.32 s & Nuits 5.03 50.21 133.17 20.18 39.95 73.04 73.04 4.09 is 82.95 0.00 50.21 133.17 20.18 39.95 73.04 73.04 4.09 isble 132.90 6.52 6.50 6.50 0.36	2. Jaggery	1.04	10:30		1.23	2.28			77:17		2.28			0.13	0.35	1.19	00.00	00.00
uts 19.03 0.00 19.03 0.50 0.57 17.95 17.95 1.00 n 0.98 1.65 79.43 96.46 0.07 0.07 0.47 15.21 15.21 0.85 ts 5.63 1.65 79.43 96.46 0.07 0.47 2.89 93.09 93.09 5.21 ts 5.33 1.63 7.26 1.40 0.22 5.64 5.64 0.32 s & Nuts 3.26 6.19 6.19 6.19 6.19 6.19 0.35 s & Nuts 82.95 0.00 50.21 133.17 20.18 39.95 73.04 73.04 4.09 isble 35.29 0.02 6.52 6.50 1.19 135.06 135.06 135.06 135.06 135.06 136.05 136.05 136.05 136.05 136.05 136.05 136.05 136.05 136.05 136.05 136.05 136.05 136.05 136.05 136.05 <th< td=""><td>Total Sugar</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>328.88</td><td>0.00</td><td>0.00</td></th<>	Total Sugar															328.88	0.00	0.00
uus 19.03 0.00 19.03 0.50 0.57 17.95 17.95 17.95 1.00 Dhall 18.68 1.65 79.43 96.46 0.07 0.07 0.47 15.21 15.21 0.85 Its 5.63 1.63 79.43 96.46 0.47 2.89 93.09 93.09 5.21 0.85 sts Nuts 3.26 6.19 7.26 1.40 0.22 5.64 6.19 6.13 6.13 6.13 6.13 6.19 6.19 6.19 6.19 6.19 6.19 6.19 6.19 6.19 6.10 6.11 1.19 135.06 73.04 73.04 7.30 7.30						CV II	100							>				
Dhall 18.68 1.65 14.78 15.76 0.00 0.07 0.47 15.21 15.21 0.85 0.95 0.09 0.07 0.47 15.21 15.21 0.85 0.95 0.09 0.09 0.00 0.07 0.47 15.21 15.21 0.85 0.32 0.09 0.00 0.07 0.47 15.21 15.21 0.85 0.32 0.00 0.07 0.47 0.22 5.64 5.64 0.32 0.32 0.00 0.07 0.02 5.04 5.09 93.09 9	D. ruises & Inuts	10 03	000			10 03		0.50		0.57	17.95		17.95	1.00	2.75	9.58	0.67	0.03
Dhall 18.68 1.65 79.43 96.46 0.47 2.89 93.09 93.09 5.21 1.63 7.26 1.40 0.22 5.64 5.64 0.35 5.21 1.40 0.22 5.64 0.30 5.21 1.40 0.22 5.64 0.30 5.21 1.40 0.22 5.64 0.30 5.64 0.35 5.24 0.35	1. Oreca Orani	0.00	0.00		14 79	15.76	000	0.07		0.27	15.23		15.21	0.85	233	10.08	101	0.45
trs 5.63 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	2 Cornes P. Diesti	10.70	1 65		70.43	06.46	3.5	0.07		2 80	93.09		93.00	5.21	14.28	47.63	3 40	0.16
s & Nuts 5.93 3.26 6.19 6.19 6.19 6.19 6.35 6.37 6.37 6.37 6.37 6.37 6.37 6.37 6.37	5.Cowpea & Duan	5 63	1.00		1.63	7.26		1.40		0.22	5.64		2.67	0.32	0.86	4.90	0.22	0.35
s & Nuts	S.T.V.P.	2.93			3.26	6.19				SII II	6.19		6.19	0.35	0.95	3.51	0.47	0.03
sc. G37.73 637.73 637.73 637.73 637.73 35.70 ans) 82.95 0.00 50.21 133.17 20.18 39.95 73.04 73.04 4.09 lable 132.90 2.54 5.89 136.25 6.50 136.25 es,Grapes) 6.50 6.50 0.36	Total Pulses & Nuts															75.70	5.78	1.02
637.73 637.73 637.73 53.70 suns) 82.95 0.00 50.21 133.17 20.18 39.95 73.04 73.04 4.09 lable 132.90 2.54 5.89 136.25 6.50 1.19 135.06 135.06 6.50 0.36 es, Grapes)	E. Vegetables	í				E,					F		-					
Onions) 82.95 0.00 50.21 133.17 20.18 39.95 73.04 73.04 4.09 Vegetable 132.90 2.54 5.89 136.25 1.19 135.06 135.06 7.56 (Dates, Grapes) 6.50 6.50 6.50 6.50 6.50 6.36	1.Vegetables	637.73	0			637.73					637.73		_	35.70	97.80	43.96	2.06	0.30
vegetable 82.95 0.00 50.21 133.17 20.18 39.95 73.04 73.04 73.04 4.09 Vegetable 132.90 2.54 5.89 136.25 136.25 135.06 135.06 135.06 135.06 7.56 Quates, Grapes) 0.02 6.52 6.50 6.50 6.50 6.50 0.36	(Excl. Onions)					9												
Vegetable 132.90 2.54 5.89 136.25 1.19 135.06 135.06 7.56 2 (Dates, Grapes) 6.50 6.50 6.50 0.36	2.Onion	82.95	0.00		50.21	133.17		20.18		39.95	73.04		73.04	4.09	11.20	19.9	0.20	0.01
(Dates, Grapes) 132.90 2.54 5.89 136.25 6.50 1.19 135.06 135.06 7.56 2 6.20 6.50 6.50 6.50 6.50 0.36	Total Vegetable								. 10						ļ	50.57	2.27	0.31
(Dates, Grapes) 132.90 2.54 5.89 136.25 6.50 1.19 135.06 135.06 135.06 7.56 2 Partit 0.02 6.52 6.50 6.50 6.50 6.50 6.36	F.Fruits	THE T					(4)						Į	X				Ī
6.52 6.50 6.50 6.50 6.50 6.36	1.Fresh	132.90		2.54	5.89	136.25	S. L.		1.19		135.06		135.06	7.56	20.71	19.12	0.37	0.36
Total Fruit	2.Dried (Dates, Grapes)		S Date	0.02	6.52	6.50				mid-lind	6.50		6.50	0.36	1.00	3.16	0.02	0.00
	Total Fruit															22.28	0.40	0.37

Production Change Cha	Соштофіту	Proc	Production, Foreign Trade & Availabilit	eign Iraa	e or Availan	IIIIy I			1	DISTLIBUTION	1 1 1		7		rei	Per Capita Avaliability	THEDRICY	
1 1 1 1 1 1 1 1 1 1	Casolik	Production	Change		Gross	Avail:	Animal	Seed	Manuf	Waste	Food	Extr:	Food	Kgm:	Gms:	Calories	Prot:Gm!	Prot:Gms Fat Gms
Cost & Sheep 2.516 Cost 2.613 Cost 2.613 Cost 2.014 Cost 2.015 Cost Cost 2.014 Cost 2.015 Cost Cost 2.015 Cost		-	in stocks		Imports 4	Supply 5	Feed 6	7	acture 8	0	Gross 10	Rate 11	Net 12 Ct	per yr:	per day	Per day	per day	Per day
Main	3.Meat	100	0.10		21.10	1 pre-car												
Color Colo	1.Beef	26.16			90.0	26.23	9.18				17.05		17.05	0.95	2.61	5.28	0.50	0.37
National Coat & Sheep 2.57 0.50 3.07	2.Pork	_			0.01	2.01					2.01		2.01	0.11	0.31	1.14	0.0	0.11
type 35.47 -0.20 0.40 36.08 36.08 36.08 36.08 36.08 36.08 36.08 20.2 5.33 Meant 48.95 0.00 48.95 0.86 0.02 48.07 48.07 2.69 7.37 1 Fish 224.00 0.63 224.63 0.00 33.58 67.39 123.66 123.66 6.92 18.96 2 & Salbed Fish 16.12 0.81 47.62 63.74 0.00 123.44 123.44 0.69 18.97 2 Affish 211.57 211.57 211.57 211.57 36.12 44.93 63.09 69.09 69.09 69.09 69.09 69.09 69.09 69.09 3.87 10.60 11 0.00 10.45 44.93 44.93 44.93 44.93 44.93 44.93 44.93 22.2 68.93 3.87 10.60 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 <td>3.Mutton (Goat & Sheep,</td> <td></td> <td></td> <td></td> <td>0.50</td> <td>3.07</td> <td></td> <td></td> <td></td> <td></td> <td>3.07</td> <td></td> <td>3.07</td> <td>0.17</td> <td>0.47</td> <td>0.56</td> <td>0.10</td> <td>0.02</td>	3.Mutton (Goat & Sheep,				0.50	3.07					3.07		3.07	0.17	0.47	0.56	0.10	0.02
Meat 48.95 0.00 48.95 0.08 0.02 48.07 48.07 2.69 7.37 Fish 224.00 0.63 224.63 0.00 33.58 67.39 123.66 6.92 18.96 & Salted Fish 16.12 47.62 63.74 0.00 33.58 67.39 123.46 63.74 3.77 9.77 Fish 224.00 0.81 13.15 12.34 0.00 12.34 63.74 63.74 3.69 1.89 Fish 21.57 47.62 63.74 0.00 12.34 63.74 3.77 9.77 Wilk 21.157 47.62 63.74 0.00 0.04 44.93 4.93 4.87 1.89 Milk 4.11 4.21 0.04 4.65 0.00 0.00 0.04 4.49 4.93 4.87 1.89 1.89 Milk 4.21 0.04 4.65 0.00 0.04 4.49 4.49 4.83 1.87	4.Poultry	35.47	-0.20		0.40	36.08					36.08		36.08	2.02	5.53	6.03	1.43	0.03
Fish 224.00 0.63 224.63 0.00 33.58 67.39 123.66 6.92 18.96 8.8 Salted Fish 16.12 0.81 13.15 12.34 0.00 12.34 63.74 63.74 3.57 9.77 64 Fish 16.12 0.81 13.15 12.34 0.00 12.34 63.74 63.74 12.34 0.00 12.34 63.74 12.34 0.09 18.97 12.34 63.74 12.34 0.09 18.97 12.34 63.74 12.34 0.09 18.97 12.34 63.74 12.34 0.09 18.97 12.34 63.74 12.34 0.09 18.97 12.34 63.74 12.34 0.09 18.97 12.34 63.74 12.34 0.09 18.97 0.00 0.004 44.93 44.93 2.52 68.99 18.90 19.90	Total Meat													. 2		13.01	2.07	0.52
Fish 224.00 0.63 224.63 0.00 33.58 67.39 123.66 6.92 18.96 45.54 12.34 0.69 1.89 123.66 6.92 18.96 123.66 6.92 18.96 123.64 12.34 0.69 1.89 123.44 0.69 1.89 123.44 0.69 1.89 123.44 0.69 1.89 1.99 1.89 1.99 1.99 1.89 1.99 1.99 1.89 1.99 1.	L.Eggs	48.95			0.00	48.95		98.0		0.02	48.07		48.07	2.69	7.37	12.75	0.98	0.98
th Fish being being solution of the fish life being solution with the being solution of the fish life being solution of the fi	Darling y play	1	À														3	,
16.12 12.400 0.63 224.63 0.00 33.58 67.39 123.66 123.66 6.92 18.96 16.12	Fish	1											- 5	100				
hile Fish 16.12	1.Fresh Fish	224.00			0.63	224.63	0.00		33.58	62.39	123.66		123.66	6.92	18.96	23.62	3.64	0.85
Like Cocount	2.Dried & Salted Fish	16.12		*	47.62	63.74					63.74		63.74	3.57	71.6	23.95	4.96	0.39
Security	3. Tinned Fish		0.81		13.15	12.34	0.00				12.34		12.34	69.0	1.89	3.25	0.40	0.19
Second S	Total Fish															50.82	8.99	1.43
Class Coconut Coconu	Milk				8						12		ĸ				Ĕ	
False 69.09 69.0	I.Cow Milk	211.57				211.57			56.15		155.42	9	155.42	8.70	23.83	15.97	0.76	0.98
bole Dried) 8.94 0.09 36.12 44.97 0.00 0.04 44.93 44.93 2.52 6.89 Milk 4.21 0.45 4.65 0.65 0.71 0.71 0.70 0.71 (Yougurt etc 1.76 0.21 1.97 1.97 1.97 1.97 0.11 0.30 (Yougurt etc 1.76 8.66 885.38 303.51 1.87 1.97 1.97 0.11 0.30 11 60.00 -0.04 4.53 55.52 21.00 34.52 34.52 34.52 1.93 5.29 11 60.00 -0.04 4.53 55.52 21.00 34.52 34.52 1.93 5.29 11 0.68 0.92 53.29 1.68 0.61 1.07 1.07 1.07 0.06 0.16 1 0.39 0.00 0.99 1.38 0.26 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 </td <td>.Buffaloa Milk</td> <td>60.69</td> <td></td> <td></td> <td></td> <td>60.69</td> <td></td> <td></td> <td>0.00</td> <td></td> <td>60.69</td> <td></td> <td>60.69</td> <td>3.87</td> <td>10.60</td> <td>12.40</td> <td>0.46</td> <td>0.93</td>	.Buffaloa Milk	60.69				60.69			0.00		60.69		60.69	3.87	10.60	12.40	0.46	0.93
Wilk 4.21 0.45 4.65 4.65 0.26 0.71 0.30 0.21 1.97 1.97 1.97 0.11 0.30 0.20 0.21 1.97 1.97 1.97 0.11 0.30 0.20 0.21 1.97 0.21 0.21 0.21 0.20 0.21 0.21 0.22 0.21 0.22	3. Tinned (Whole Dried)	8.94	0.09		36.12	44.97	0.00		0.04		44.93		44.93	2.52	68.9	34.18	1.78	1.84
(Yougurt et 1.76 0.21 1.97 1.97 1.97 0.11 0.30 894.03 8.66 885.38 303.51 581.87 581.87 32.57 89.23 27 iil 66.00 -0.04 4.53 55.52 21.00 34.52 34.52 1.93 5.29 4 iil 0.68 0.92 53.29 1.68 0.06 0.06 0.04 0.10 Cocomut 55.89 0.92 53.29 1.68 0.61 1.07 1.07 0.06 0.16 Cocomut 8.50 -0.12 3.10 11.72 0.61 1.07 1.07 0.06 0.16 0.39 0.00 0.99 1.38 0.66 0.06 0.06 0.06 0.06 0.06 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Condensed Milk				0.45	4.65	Ž			74	4.65		4.65	0.26	0.71	2.32	90.0	90.0
894.03 8.66 885.38 303.51 581.87 581.87 32.57 89.23 2 1	5.Milk Food (Yougurt etc	100			0.21	1.97			36	376	1.97		1.97	0.11	0.30	0.18	0.01	0.00
894.03 8.66 885.38 303.51 581.87 581.87 581.87 581.87 2.57 89.23 2 ii 60.00 -0.04 4.53 55.52 21.00 34.52 34.52 1.93 5.29 3.29 iii 0.68 0.09 1.68 0.68 0.68 0.04 0.10 Cocomut 55.89 0.92 53.29 1.68 0.61 1.07 1.07 0.06 0.16 8.50 -0.12 3.10 11.72 0.61 11.72 11.72 0.66 1.80 0.39 0.39 0.38 0.65 0.66 0.66 0.04 0.10 Fats 7 1.38 0.66 0.06 0.04 0.10	Total Milk					H			300	-			H		10.8	65.04	3.06	3.81
894.03 8.66 885.38 303.51 581.87 581.87 581.87 581.87 581.87 581.87 581.87 581.87 581.87 581.87 581.87 582.57 89.23 2 rii 60.00 -0.04 4.53 55.52 21.00 34.52 34.52 1.93 5.29 3.25	Oil & Fate																	
conut Oil 60.00 -0.04 4.53 55.52 21.00 34.52 34.52 34.52 34.52 34.52 3.29 <td>L.Coconut</td> <td>894.03</td> <td></td> <td>8.66</td> <td></td> <td>885.38</td> <td></td> <td></td> <td>303.51</td> <td></td> <td>581.87</td> <td>4)</td> <td></td> <td>32.57</td> <td>89.23</td> <td>278.41</td> <td>2.86</td> <td>25 16</td>	L.Coconut	894.03		8.66		885.38			303.51		581.87	4)		32.57	89.23	278.41	2.86	25 16
accepted Coconut 0.68 0.68 0.68 0.68 0.04 0.10 siccated Coconut 55.89 0.92 53.29 1.68 0.61 1.07 1.07 0.06 0.16 rigarine 8.50 -0.12 3.10 11.72 11.72 11.72 0.66 1.80 tter 0.39 0.09 1.38 0.65 0.66 0.04 0.10 al Oil & Fats Asizol 3	2. Coconut Oil	00.09	-0.04	4.53	X XX	55.52			21.00	-	34.52		_	1.93	5.29	46.74		5.29
siccated Coconut 55.89 0.92 53.29 1.68 0.61 1.07 1.07 0.06 0.16 urgarine 8.50 -0.12 3.10 11.72 11.72 11.72 0.66 1.80 tter 0.39 0.00 0.99 1.38 0.05 0.66 0.04 0.10 eese 0.01 & 0.65 0.66 0.66 0.04 0.10 al Oil & Fats	3. Gingelly Oil	99.0				0.68					89.0		89.0	0.04	0.10	0.91		0.10
regarine 8.50 -0.12 3.10 11.72 11.72 11.72 0.66 1.80 tter 0.39 0.09 1.38 1.38 1.38 0.08 0.21 eese 0.01 0.65 0.66 0.66 0.06 0.04 0.10 al Oil & Fats 34	4. Desiccated Coconut	55.89		53.29		1.68			0.61		1.07		1.07	90.0	0.16			
tter 0.39 0.00 0.99 1.38 1.38 0.08 0.21 eese 0.01 0.65 0.66 0.66 0.04 0.10 al Oil & Fats Assired Assired 1.4	5.Margarine	8.50	-0.12		3.10	11.72					11.72		11.72	99.0	1.80	13.75		1.53
cese 0.01 0.65 0.66 0.06 0.06 0.01 al Oil & Fats 34	6.Butter	0.39	0.00		0.99	1.38					1.38		1.38	80.0	0.21	1.54		0.17
al Oil & Fats	7.Cheese	0.01			0.65	99.0				6	99.0		99.0	0.04	0.10	0.35	0.02	0.03
I vocation A	Total Oil & Fats	42													11	341.71	2.88	32.28
Amilia	Note:					1000	100	11	177					A	Animal	143.53	15.14	6.94

17

43.19

56.07

2313.00

Total

2. Production of vegetables, fruits, jaggery and gingelly oil is estimated by multiplying the per capita consumption by the Total Mid Year Population 3. The item Rice given here upto "Food Gross" is accounted to be in terms of Paddy.

FOOD BALANCE SHEET - 1995 (Revised)

'000 MT (if not otherwise specified) Mid Year Population : 18,112,000

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	Band	Dandantion Foreign Trade & Availability	Frade & Avs	ilahility				Distribution	no.				Per	Per Capita Avallability	allability	
	Frod	ucuon, roreign	The Car Car	Accept	Animal	Cand	Monne	Wanta	Fond	Extra	Food	Kem:	Gms	Calories	Prot:Gms	Fat Gms.
Commodity	Produ	Change Gross			Anima	Dage		11 a345	2000	Doto	Ya.	ner vr	ner day	Per day	per day	Per day
	ction	in stocks Exports	rts Imports	S	Feed	1	٦.	4	Score	NAIC .	י בי	12 11.	14	14	16	17
	1	2 3	4	2	9	-	20	2	2	=	77	CI	1	2	2	
A.Cereals				10 3070		92 70		161 15	2430 40	89	1652.67	91.25	249.99	864.97	16.50	1.12
1.Rice	2809.89	69.85 68.02	69.61 7	700		000		0.15	4 00	00	4.41		790	2.19	0.05	0.01
Kurakkan & Meneri	5.14				-	0.00		0.10	25.4	2 6	41.17	14.0	60.0	22.54	0 50	0.25
3 Maize	34.84	0.00	80.06	114.89	65.00	0.70		3.45	42./4	3	41.17	17.7	0.75	40.74	6.00	0.23
4 Sorahim	0.22			0.22	0.00	0.00		0.01	0.21	8	0.19	0.01	0.03	0.10	0.00	0.00
5 Wheat Floir		-0.14	782.47	782.61				7.0	775.57		775.57	42.82	117.32	408.26	12.90	1.06
Total Cereals							77,5					Ē	İ	1298.07	30.05	2.44
D Donte & Tubore									20							
1 Determine	81 66	-0 48	1.00	83.14		17.72		8.31	57.11		57.11	3.15	8.64	8.30	0.14	0.01
1.Foldioes	300.77	0.10			0.00			86.63	202.14		202.14	11.16	30.58	48.01	0.21	90.0
2.Manioc 2 Surget Potestoes	61 82			61.82	-			18.55	43.28		43.28	2.39	6.55	7.86	0.08	0.05
Total Roote & Tubers														64.24	0.43	0.09
Total Total Total																
C.Sugar	· ·	30.10	416.01	26 134			13 33		453.90		453.90	25.06	99.89	274.64	ŀ	10
1.Refine(Sugar)	1.06	C7:17	0.00		0				1.06		1.06	90.0	0.16	0.54	0.00	0.00
Total Sugar														275.18	0.00	0.00
10tal Sugar												É	ŀ			
D.Pulses & Nuts	Ē				-			0.47	14.60		14 60	0.81	222	7 73	0 54	0.03
1.Green Gram	16.01	0.45	- (_	0.41		0.56	17.06		17.96	0.00	2.72	11.74	1.17	0.53
2.Soya Bean	2.37	-13.68	7.07		0.00	0.19		2.00	72.55		72.55	4.01	10.97	36.61	2.62	0.12
3.Cowpea & Dhall	16.14	7.70	66.78		7 .	1 22		07.7	4 70		4.70	0.26	0.71	4 03	0 18	0.28
4. Ground Nuts 5.T.V.P.	5.91		0.30	9 4.20	1.0	55.1		0.17	4.20		4.20	0.23	0.64	2.35	0.32	0.02
Total Pulses & Nuts		F												05.40	4.00	0.70
E.Vegetables											646.64		02 00	42.06	200	0.30
1.Vegetables	646.54			646.54	4				040.04		040.34	22.70		43.30	7.00	0.0
(Excl Onions)	78.11	0.26	78.47	7 156.32	2	20.11		46.90	89.32	1	89.32	4.93	13.51	7.97	0.24	0.01
Z. Omon		١			-									51.93	2.31	0.32
Total Vegetable															Ť	
F.Fruits	136.49		2.38 6.59	9 140.70			3.15		137.55		137.55	7.59	20.81	19.20	0.38	0.37
2.Dried (Dates, Grapes)			0.01 5.61	1 5.60	0				5.60	-	5.60	0.31	0.85	2.69	0.02	0.00
Total Fruit					-									70.17	2	1000

				I loughtfully I of tight I fact to far an ability						DISTILLIBUTION				I CI Cal	A CI Capita Availability	, inch	
	Produ	Change	Gross	Gross	Avail:	Animal	Seed	Manuf	Waste	Food	Extr:	Food	Квт:	Gms:	Calories	Prot:Gms	Fat Gms.
	ction	in stocks Exports	Exports	Imports	Supply	Feed		acture		Gross	Rate	Net	per yr:	per day	Per day	per day	Per day
100 100 100	-	7	3	4	v	9	-	00	6	10	=	12	13	14	15	16	17
G.Meat 1 Reef	27 49			0.08	27 58	000				27 58		27 58	1 52	4 17	8 43	0 70	85 0
7 10-1	224			00.0	22.72	2				2000		3.24	1.0	7.1.	5.5	20.0	2.0
2.Fulk 3 Mitton (Goat & Cheen)	2.34			0.00	2 00					2 00		2.24	0.15	0.35	1.51	0.00	0.12
4. Poultry	38.78	0.18		0.64	39.23					39.23		39.23	2.17	5.93	6.47	1.54	0.0
Total Meat		100										È,	1		16.74	2.48	0.76
H.Eggs	48.86			0.00	48.86		98.0		0.02	47.98		47.98	2.65	7.26	12.56	0.97	0.97
LFish																	
1.Fresh Fish	237.50			0.84	238.34	5.00		36.27	71.50	125.57		125.57	6.93	18.99	23.92	3.68	0.89
2.Dried & Salted Fish	12.09	-0.15		48.19	60.43					60.43		~ 60.43	3.34	9.14	22.40	4.63	0.37
3. Tinned Fish		-0.17		20.49	20.66	0.00				20.66		20.66	1.14	3.12	5.37	99.0	0.31
Total Fish				á									3		51.69	8.97	1.56
J.Milk							е.										
1.Cow Milk	214.06	91			214.06			62.98		151.08		151.08	8.34	22.85	15.31	0.73	0.94
2.Buffaloa Milk	67.45				67.45			0.00		67.45		67.45	3.72	10.20	11.94	0.44	0.90
3. Tinned (Whole Dried)	10.22	1.00		42.22	51.44	0.05		0.05		51.34		51.34	2.83	7.77	38.52	2.00	2.07
4.Condensed Milk	В	0.12		0.29	4.55					4.55		4.55	0.25	69.0	2.24	0.05	0.06
5.Milk Food (Yougurt etc)	2.24			0.20	2.44					2.44		2.44	0.13	0.37	0.22	0.01	0.00
Total Milk														• 	68.22	3.24	3.97
K.Oil & Fats																	
1.Coconut	937.24		9.05		928.22	*	(-)	346.93		581.28		581.28	32.09	87.93	274.34	2:81	24.80
2.Coconut Oil	64.52	3.57	8.95		51.99			18.92		33.07		33.07	1.83	5.00	44.17		5.00
3. Gingelly Oil	0.69				69:0					69.0		69.0	0.04	0.10	0.91		0.10
4. Desiccated Coconut	68.39		90.99		2.34			0.63		1.71		1.71	0.09	0.26			
5.Margarine	89.8	0.07		3.31	11.92					11.92		11:92	99.0	1.80	13.79		1.53
6.Butter	0.33	-0.01		96.0	1.30					1.30		1.30	0.07	0.20	1.44		0.16
7.Cheese	0.01			0.61	0.63		-			0.63		0.63	0.03	60.0	0.33	0.05	0.05
Total Oil & Fats											10	A Tanga			334.98	2.84	31.61
Note:				- 5			7.	127						Animal	150.98	15.67	7.43

43.06

56.50

Total 2257.97

2. Production of vegetables, fruits, jaggery and gingelly oil is estimated by multiplying the per capita consumption by the Total Mid Year Population 3. The item Rice given here upto "Food Gross" is accounted to be in terms of Paddy.

Food Balance Sheet 1996

Unit: '000 MT (if not otherwise specified)
Mid Vear Population: 18:315:000

Commodity	Product	Production Foreign Trade & Availability	m Trade	& Avails	ability			D	Distribution	1				Per (Per Capita Avaliability	liability		_
	Produ-	Change in Gross	Gross	Gross	Avail	Animal		Manufac		Food	Extr:		Kgm:	Gms:	Calories	Prot Gms Fat Gms	Fat Gm	60
the Line		stock	Export	Export Imports	Supply	Feed	Seed	ture	Waste	Gross	Rate F	Rate Food Net	per yr	per day	per day	per day	per day	
	1	2	3	4	5	9	7	00	6	10	=	12 .	113	14	15	16	17	-
A. Cereals	2061 52	135 46	1 85	400 53	2604 65		77.21		161.68	2455.76	68	1669.92	91.18	249.80	864.31	16.49	1.12	_
I. Kice	2001.32	-133.40	1.65	00.00	4 10		90 0		0.12	3.91		3.52	0.19	0.53	1.73	0.04	0.01	_
2. Kurakkan & Menen	22.06	000		01 58	124 54	78.58	0.61		3.74	41.62	06	37.45	2.05	5.60	20.28	0.53	0.22	_
5. Maize	0.70	8.		10.00	10.00	88	000		0.31	4.10	06	3.69	0.20	0.55	1.93	90.0	0.01	
4. Sorgnum	0.19	-6.87		675.62	682.44				6.14	676.30		676.30	36.93	101.17	352.06	11.13	0.91	_
Total Cereals															1240.31	28.24	2.28	- 1
																	3	
B. Roots & Tubers	100 76	170		1 53	102 70		18 90		10.27	73.53		73.53	4.01	11.00	10.67	0.18	0.01	_
1. Potatoes	270.70	1.0-		1:0	270 60	4 36			81.18	185.06		185.06	10.10	27.68	43.46	0.19	90.0	_
3. Sweet Potatoes	58.82				58.82				17.65	41.17		41.17	2.25	6.16	7.39	0.07	0.02	_
Total Roots & Tubers					E										61.52	0.44	0.0	-
C. Sugar																		oadi
1. Refine(Sugar)	74.64	7.62		381.16	448.18			10.44		437.74		437.74	23.90	65.48	261.93	000	2	_
2. Јаддегу	1.07			0.00	1.07					1.07		1.0/	0.00	0.10	42.0	30.00	88	_
Total Sugar															74.707	8	5	_
							2											
D. Pulses & Nuts	000	0			16.04		0.41		0.51	16.02		16.02	0.87	2.40	8.34	0.59	0.03	_
1. Green Gram	16.59	-0.36		0	10.74	0 0	14.0		0.01	20.01		20.01	0.13	0.36	1 57	0.16	0.07	_
2. Soya Bean	0.73	-2.40		0.29	3.41	0.81	0.00		0.10	04.33		04.22	0.15	12.60	42.03	2.00	0.14	_
3. Cowpea & Dhall	17.04	-8.96		61.26	87.27		0.42		70.7	10.25		10.26	4.00	1 53	20.24	0.00	0.67	-
	5.12	000		9.68	11.80		1.18		0.33	5.78		5.78	0.32	0.86	3.20	0.43	0.0	
5. 1.v.F.	7.00	0.00		4.31	0.7.0								5		63.85	4.57	0.88	
Total Pulses & Nuts														8				_
E. Vegetables	01				02 237		•			653 70		653.70	35 70	97.80	43.96	2.06	0.30	-
1. Vegetables(Excl. Onion) 2. Onion	63.31	-0.29		93.55	157.14	- 1	17.41		47.14	92.59		92.59	5.06	13.85	8.17	0.25.	0.01	
Total Vegetable	lá-	1											1	Ì	52.13	2.31	0.32	.,
F Fruits																		_
1. Fresh	137.85		1.80	6.26	142.31			3.62		138.69		138.69	7.57	20.75	19.15	0.38	0.37	_
2. Dried (Dates, Grapes)			0.14	10.60	10.47					10.47		10.47	0.57	1.57	4.96	0.04	0.01	T
Total Fruit															24.11	0.41	CO	7

Commodity	Produ	Production, Foreign Trade & Availability	ign Trade	& Avail	bility		V	D D	Distribution	0	20		P.	Per Capita Avaliability	aliability		_
	-npodn-	Change in	Gross 1	Gross	Avail:	Animal		Manufac		Food	Extr:	Кет.	0	4	Calories Prot-Gme	Fot	
	ction	stock			Supply	Feed	Seed	· ture	Waste	Gross	Foo		- Intel		per day	0	
G. Meat	100						ortion.	0		OT	11 12	13	5 14	15	16	17	
1. Beef	24.40			90.0	24.47	0.00		- 15	E	24.47	74	74 47 1 34	3 2 66	7 20	0.70	130	_
2. Pork	2.25			0.00	2.26					2.26	2	4				0.51	_
3. Mutton (Goat & Sheep)	1.96			0.50	2.46					2.46	2.					0.01	
4. Poultry	38.89	-0.21	1 (A) 2 (A)	0.51	39.60	14.5	22			39.60	39.	le c			m	0.04	_
l otal Meat	and and		(D)	l/mi	400						**************************************	51	1	15.54	2.36	0.68	-
H. Eggs	48.53			0.00	48.53		0.85	by Jupos Star 3	0.02	47.65	47.65	.65 2.60	0 7.13	3 12.33	0.95	0.95	
I. Fish	90											aria aria ari				1	
1. Fresh Fish	228.55		1	1.94	230.49	4.60		16.50	69.15	140 24	140 24	-/1			7		
2. Dried & Salted Fish	10.00	0.02		48.33	58.31					58.31	58.31		4	17	4.42	0.35	
7. Almied Fish		-0.02		15.42	15.44	0.00	40			15.44	15.44	44 0.84	4 2.31	1 3.97	0.49	0.23	_
I otal fish	00				Fil						3184 3 (8) 3 (1) 3 (1)		71	53.46	86.8	1.73	
J. Milk	10	ž.			T-X										, v		
1. Cow Milk	210.69				210.69			75.06		135.63	135.63	63 7.41	1 20.29		0.65	0 83	
2. Buffaloa Milk	69.20				69.20			00.00		69.20	69.20				0.00	0.00	
3. Tinned (Whole Dried)	11.72	0.81		38.49	49.40	00.0		0.05		49.37	49.37	Ш		36.63	191	1 97	
4. Condensed Milk	3.90	0.04		0.33	4.20				135	4.20	4.20				0.05	0.05	
5. Milk Food (Yougurt etc)	1.71		TE I	0.07	1.78	N	171	37		1.78	1.5	1.78 0.10	1		0.01	0.00	
Total Milk	PW R										og i Jed	tiot tiot	na A s	64.54	3.06	3.77	
K. Oil & Fats	OS.	H										(46 6314 91 (s		a di			
1. Coconut	866.22		5.72		860.50		ho	269.48		591.03	591.03	32.27	7 88.41	275 84	2 83	24 03	
2. Coconut Oil	41.00	-0.04	2.81		38.23			11.44		26.79	26.79	_				4.00	
3. Gingelly Oil	0.69	113	ni i		69.0				18	69.0	69.0				0.00	0.10	
4. Desiccated Coconut	62.53	0.00	08.09		1.73			0.58		1.15	1.15	15 0.06	5 0.17				
5. Margarine	9.28	-0.08		3.91	13.27					13.27	13.27	-	2 1.98	15.18		1.69	
6. Butter	0.84	0.02	er li Oug	0.80	1.63				s g	1.63	1.63	_			-	0.20	
/. Cheese	0.07	Lib.		0.78	0.80	U			/11	0.80	0.80	30 0.04	1 0.12		0.03	0.03	
Lotal Oil & Fats			in a	0					ris.	7	CIL.	A)	4	329.52	2.86	30.95	
Note:				18		187		, i					Animal		15.37	7.35	
1Froduction of rice and ingitiand crops is estimated for the cultivation year (Maha and Yala) and not for the calender year. 2. Production of vegetables, fruits, jaggery and gingelly oil is estimated by multiplying the per capita consumption by the Total Mid Year Pomulation	nd crops is e	sumated for and gingelly o	me cumva oil is estima	ated by mu	Mana and Iltiplying tt	Yala) and I	not tor the	e calender y rotion by the	year. he Total M	fid Year Por	nulation		Vegetable	e 2031.73	38.81	34.66	
3. The item Rice given here upto "Food Gross" is accounted to be in terms of Paddy.	o "Food Gro	ss" is accoun	ited to be in	n terms of	Paddy.	11			E .				Total	2179 79	54.10	1007	

42.01

54.18

Total 2179.79

21

EXPLANATORY NOTES

1. Production

Domestic production of each food item which is used in the compilation of the Food Balance Sheet is indicated in this column. Production of rice and all other highland crops with the exception of vegetables, fruits and soya beans are extracted from the estimates prepared by the Department of Census and Statistics. Paddy production is estimated seasonally by using a complete enumeration of paddy lands with the results of the crop cutting surveys conducted biannually. Production of highland crops are based on the estimates worked out using the district level area statistics collected by the Grama Niladhari and the average yields provided by the Agriculture Department. The estimated production of vegetables and fruits are computed using the per capita consumption data available from the Labour Force and Socio-Economic Survey of 1985/86 and the mid year population estimates obtained from the Registrar General's Department. Production of Sugar is obtained from the Local Sugar Companies The production of fresh milk and eggs are extracted from the Livestock statistics compiled annually by the Agriculture Division of this Department using the district level estimates which are collected by the Grama Niladhari. Statistics on meat production is also estimated using these livestock figures with the dressed carcasss weight of each kind of animal which were supplied by the Government Veterinary Surgeon. The production of other varieties of milk and milk foods are from the Milk Industries of Lanka Co. Ltd. while coconut and coconut products are from the Coconut Development Authority. Production of fish and fishery products are supplied by the Ministry of Fisheries.

2. Change in Stocks

This is the difference between the end of the year and the begining of the year stocks. It should be noted that the stock positions considered in the Food Balance Sheet are those from the government institutions only while the change in stocks in the wholesale and retail trace in the private sector is assumed to be negligible. Data on stocks of wheat flour, nce, sugar other pulses (dhall) and tinned fish are received from the C.W.E. Data or: stock of sugar is also received from Sugar Importers Assn. Stocks of milk powder are obtained from the Milk Industries of Lanka Co. Ltd. and that of desiccated coconut from the Coconut Development Authority.

3 & 4. Gross Exports and Imports

Gross Exports and Imports will account for the foreign trade of food items listed in the sheet for the particular year. The only food items ie. coconuts and coconut products, which are shown under the exports column are supplied by the Coconut Development Authority.

The imports of rice, wheat flour and wheat are provided by the CWE Prima Ceylon Ltd. Imports of wheat in the form of grain was also taken into consideration and it was converted into flour by using the extraction rate of 74%. All the other entries appearing under this column are extracted from the Customs Returns.

5. Available Supply

This column shows the quantities of food supplies available before disposal to non-food and food uses. The available supply is computed by adding the net decrease in stocks and the net imports to the production figure of each food item.

δ. Animal Feed

This column shows the quantities of food used as animal feed during the year. The quantities of Rice, Wheat and Maize which are used for animal feed are supplied by the Food Commissioner's Department and Ceylon Grain Elevators Ltd.

7. Seed

The values appearing in this column are estimates worked out using the seed rates and the area under cultivation of each commodity for the year. The seed rates of paddy and all the highland crops which is in annexure II are provided by the Department of Agriculture while statistics on cultivated area are estimated by the Agriculture Division.

8. Manufacture

This column shows the quantities of food used for the manufacture of non-food products like soap, paints etc. as well as the quantities used for food products where the appearance of the commodity will change while a change of nutrients will also take place during the transformation, eg. jam, beer etc. Data for fish, milk and coconut products were received from the Fisheries Ministry, Milk Industries of Lanka Co. Ltd. and Coconut Development Authority respectively.

9. Waste

Loss of food from the initial stage that is from the farm up to the stage where it reaches the consumer is accounted for under this column Waste in processing, distribution and storage is only taken into consideration here. Losses incurred inside the house mostly in the case of perrishable foods and the quantities wasted after cooking which is commonly known as plate waste is not included in this column. Wasted for each commodity is estimated using the available supply and wastage factors which has been already worked out is in (annexure II).

10. Food (Gross)

This column shows the balance of the available supply after the quantities for animal feed, seed, manufacture and waste has been deducted.

11. Extraction Rates

The extraction rate mainly applies to cereals and are used to convert the grains to flour or transform to a more palatable form by milling. These rates are supplied by the Agriculture Ministry which is in annexure II.

12. Food (Net)

These figures represent the actual quantities of food directly available for human consumption.

13 & 14 Per Capita Supplies

This column presents the average per capita supply of food in Kgms/year and gms./day, quantities of food actually consumed may be a little less than these amounts.

15, 16 & 17. Per Capita Supply of Nutrients

The daily per capita availability of calories, protein grams and fat grams are derived using the nutrient conversion tables supplied by the Medical Research Institute which is given in

www.padippakam.com

ANEXTURE II

SEED RATES, WASTAGE FACTORS AND EXTRACTION RATES

Food Item	Seed Rate	Wastage Factor (as a % of the available supply)	Extraction Rate %
Wheat Flour	A TO JOHN THE PROPERTY OF A	0.9	
Maize	17.5 lb./acre	3.0	90.0
Menneri	8.0 lb./acre	3.0	90.0
Kurakkan	9.0 lb./acre	and and 3.0 ple a	90.0
Rice	2.0 Bushels/acre	6.0	68.0
Sorghum	15.0 lb./acre	3.0	90.0
Potatoes	19.0 cwt./acre	10.0	
Manioc		30.0	
Sweet Potatoes		30.0	
Green gram	20.0 lb./acre	un of om mon 3.0 of to 25	
Soya bean	73.0 kg/Hectare	3.0	
Cowpea	20.0 lb./acre	3.0	
Ground nuts	120.0 lb./acre	3.0	rubali ira af af
Dhall	20.0 lb./acre	3.0	
Onions	15.0 cwt,/acre	30.0	
Eggs	1.75% of the av. Supply	y 0.05	fi .
Fish (Fresh)	Jet loet	30.0	ngheri 5982

Losse figures regress at the groun countries or food secure semistible for human

Annexture III

CONVERSION FACTORS FOR NUTRITION VALUES

Commodity	Calories	Proteins(gms)	Fat(gms)
Rice	346.00	6.60	0,45
Kurakkan & Meneri	328.00	7.30	1.30
Maize	362.00	9.50	4.00
Sorghum	349.00	10.40	1.90
Wheat Flour	348.00	11.00	0.90
Potatoes	97.00	1.60	0.10
Manioc	157.00	0.70	0.10
Sweet Potatoes	120.00	1.20	0.20
Refined(Sugar)	400.00		0.50
Jaggery	340.00	1.00	0,20
Green Gram	348.00	24.50	1.20
Soya Bean	432.00	43.20	19.50
Cowpea & Dhall	333.60	23.83	1.13
Ground Nuts	567.00	25.30	40.10
Coconut	312.00	3.20	28.20
Vegetabels (Excl. Onion)	44.95	2.11	0.31
Onion	59.00	1.80	0.10
T.V.P.	370.00	50.00	3.00
Fresh Fruit	92.30	1.81	1.76
Dried Fruit(Dates, Grapes)	317.00	2.50	0.40
Beef	202.00	19.00	14.00
Pork	371.00	14.00	35.00
Mutton (Goat & Sheep)	118.00	21.40	3.60
Poultry	109.00	25.90	0.60
Eggs	173.00	13.30	13.30
Fresh Fish	134.04	19.45	5.50
Dried & Salted Fish	245.00	50.70	4.00
Tinned Fish	172.00	21.00	9.80
Cow Milk	67.00	3.20	4.10
Buffaloe Milk	117.00	4.30	8.80
Tinned (Whole Dried)	496.00	25.80	26.70
Condensed Milk	325.00	7.90	8.40
Milk Food (Yougurt etc)	60.00	3.50	0.10
Coconut Oil	883.00	5.50	99.90
Butter	729.00		81.00
Margarine	765.00		85.00
Cheese	348.00	24.10	25.10
Gingelly Oil	881.00	0.20	99.70

Source: "Tables of Food Composition - For Use in Sri Lanka" by Medical Research Institute - Colombo

ANNEXTURE IV

PRODUCTION AND IMPORTS OF SELECTED COMMODITIES: 1992 - 1996

(Metric tons)

	1000		7		1//1					
	122	7					1 1	- Chancel	Droduction	Imports
	Production	Imports	Producting.	Imports	Production	Imc	roduction	Imports	LIOGUCHOH	modim
	Tomana	-	N. T. S.		0 0 1 1 1 0		0			
				H		1				000 000
	Section and the section is			7 10 7 11	1 024 000	30103	1 010 725	0 445	401 X34	339.080
	1 500 005	227 218	1 706 916	206.876	1,824,909	20,423	1,710,127	7,77		
Kice +	1,250,250	017,107	200011			000		707 710		067 8 620
		000000	0	570 540	,	060,000		107,410		2000
Wheat Flour **	,	222,930		010,010				00000	00000	01 500
Wilder Four			077.10	072 00	21 600	84 820	34.840	80.060	32,900	71,200
Moiro	28 800	1	31.000	00/,00	21,000	01,000	2000		000	1 500
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	60.070	270 050	022 89	393,550	72.530	491,/50	0/6/1/	410,210	2,5,51	2016100
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or official rate			070 00	000 00	020 080	50 210	78.110	/8.4/0	015,50	055,57
7.7.7	072 08	35.51	008.7/	057,45	05,230	20,210	22.50			

The marginal amount of paddy imports in respective years have been converted in to rice plus rice imports included under category of imports. ** The flour issues of imported wheat grain and the direct imports of wheat flour are included in this category.

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