



منظمة الأغذية
والزراعة للأمم
المتحدة

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Food and
Agriculture
Organization
of the
United Nations

Organisation des
Nations Unies
pour
l'alimentation
et l'agriculture

Продовольственная и
сельскохозяйственная
организация
Объединенных
Наций

Organización
de las
Naciones Unidas
para la
Alimentación y la
Agricultura

ASIA AND PACIFIC COMMISSION ON AGRICULTURAL STATISTICS

TWENTY-SEVENTH SESSION

Nadi, Fiji, 19 – 23 March 2018

Agenda Item 7.3a

Sri Lanka Experience on Preparing Food Balance Sheet and Other Challengers

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Presentation Outline

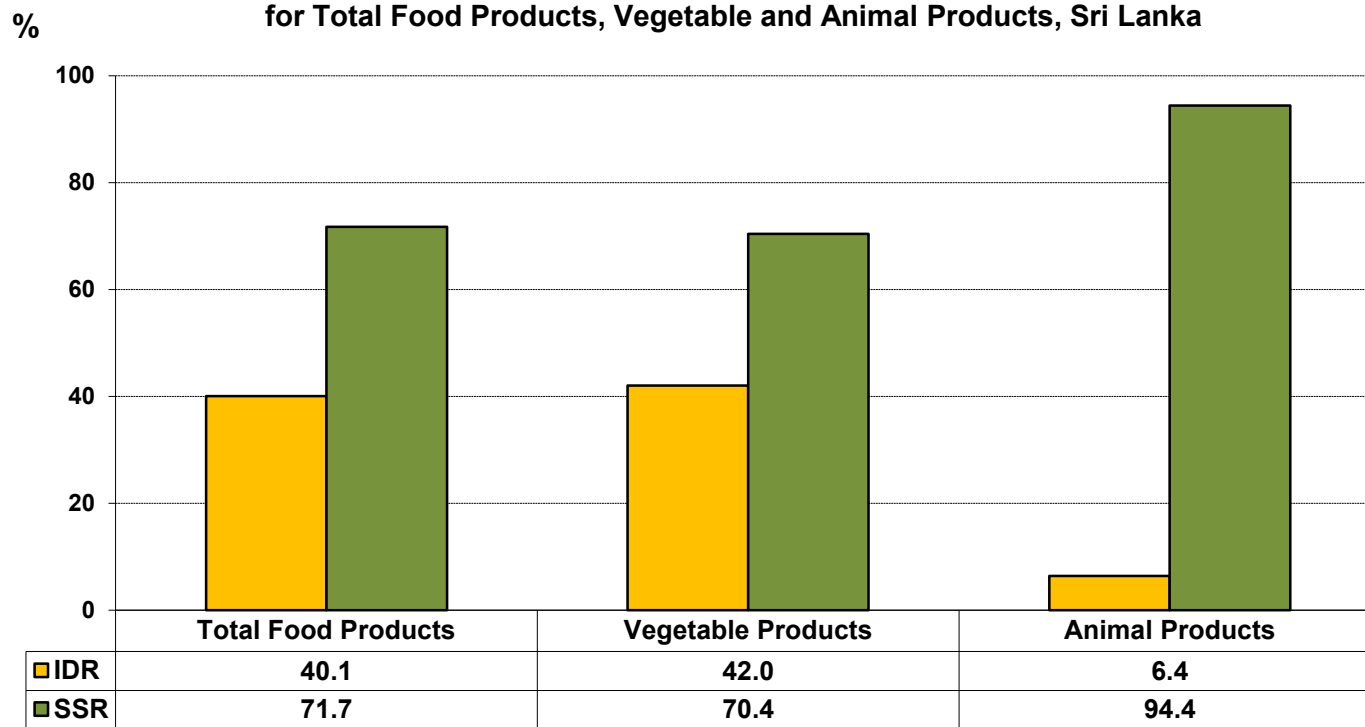
1. Concept of Food Balance Sheet
2. Challengers to the Paddy production and other food crops

2014 Food Balance Sheet Sri Lanka

Populat
ion
(^{'000}): **20,771**

	DOMESTIC SUPPLY (1000 MT)					DOMESTIC UTILIZATION (1000 MT)						PER CAPITA SUPPLY			
	Prod.	Imports	Stock change	Exports	Total D.S.	Feed	Seed	Processe d	Waste	Oth.Ut il.	Food	PER YEAR FOOD Kg.	PER DAY Calories units	Proteins grams	Fats grams
Products	1000 Metric Tons														
Grand total													2414	58	53
Vegetable prod.													2226	43	41
Animal prod.													188	15	13
	bg	bi	bk	bm		bo	bq	bs	bu	bw	by	ce	cg	ci	ck
Cereals (excl. beer)	2504	1539	1	1370	2673	1	0	-1141	4	0	3020	145	1254	27	2
Wheat	0	1441	0	1341	100	0	0	-1186	0	0	787	38	263	8	1
Maize	241	9	0	0	250	0	0	23	4	0	129	6	53	1	0
Rice (Milled Eq.)	2254	64	0	29	2290	0	0	0	0	0	2093	101	935	18	1
Barley	0	19	0	0	19	0	0	19	0	0	0	0	0	0	0
Rye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oats	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Millet	9	5	0	0	14	1	0	2	0	0	10	0	4	0	0
Sorghum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cereals, other	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Starchy roots	272	213	0	6	479	96	0	0	22	0	388	19	48	1	0

Graph 1. 2014: Import Dependency Ratio (IDR) and Self Sufficiency Ratio (SSR) for Total Food Products, Vegetable and Animal Products, Sri Lanka



DRAFT Results For Sri Lanka

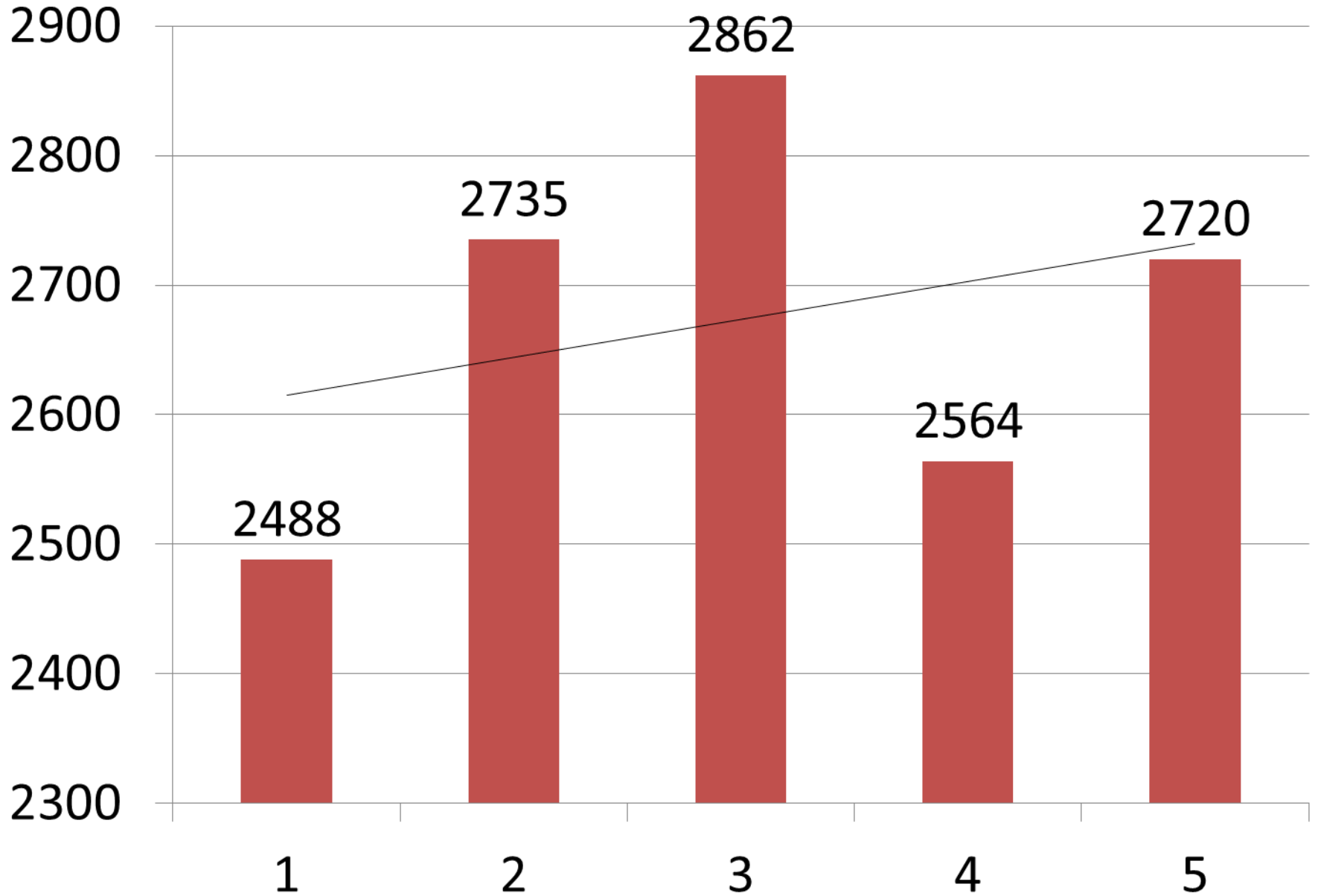
2015

Calories per day (per capita)	2720	Protein per day (per capita)	60	Fat per day (per capita)	52
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DRAFT Results From Sri Lanka workshop (2011-2015)

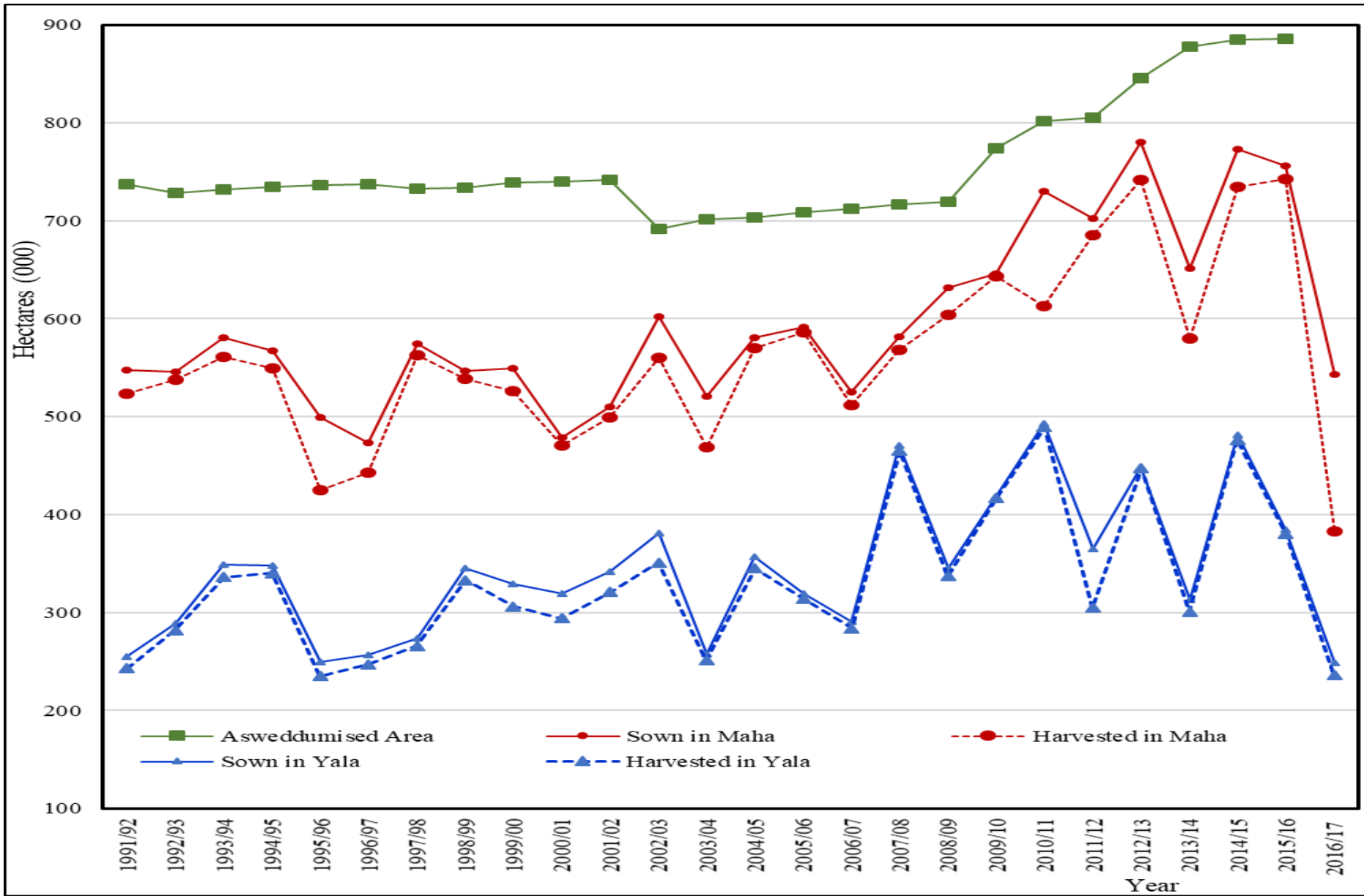
Year	Population (000)	Calorie/person/day	Protein (gm)/per/day	Fat(gm)/per/day	Remarks
2011	20,869	2488	60	48	
2012	20,424	2735	67	58	NCT revised, Population decline
2013	20,579	2862	71	59	Import of rice, wheat, fish
2014	20,771	2564	62	48	Drought year
2015	20,966	2720	60	52	

Calorie/person/day



2. Challengers to the Paddy production and other food crops

Figure 1 : Sown and Harvested Areas of Paddy Extent in First Seasons and Second Seasons from the Period of 1992 to 2017 in Sri Lanka



Reasons for not to cultivate some paddy lands

2.1 Long term drought

2.2 Production cost

2.3 Rejection of cultivation and other Agricultural activities by Younger Generation

2.1 Long term drought

Research Proposal

**Improve the Food Production and Flood Controlling
by reconstruction and conservation of Minor
Irrigation Tanks in Sri Lanka**

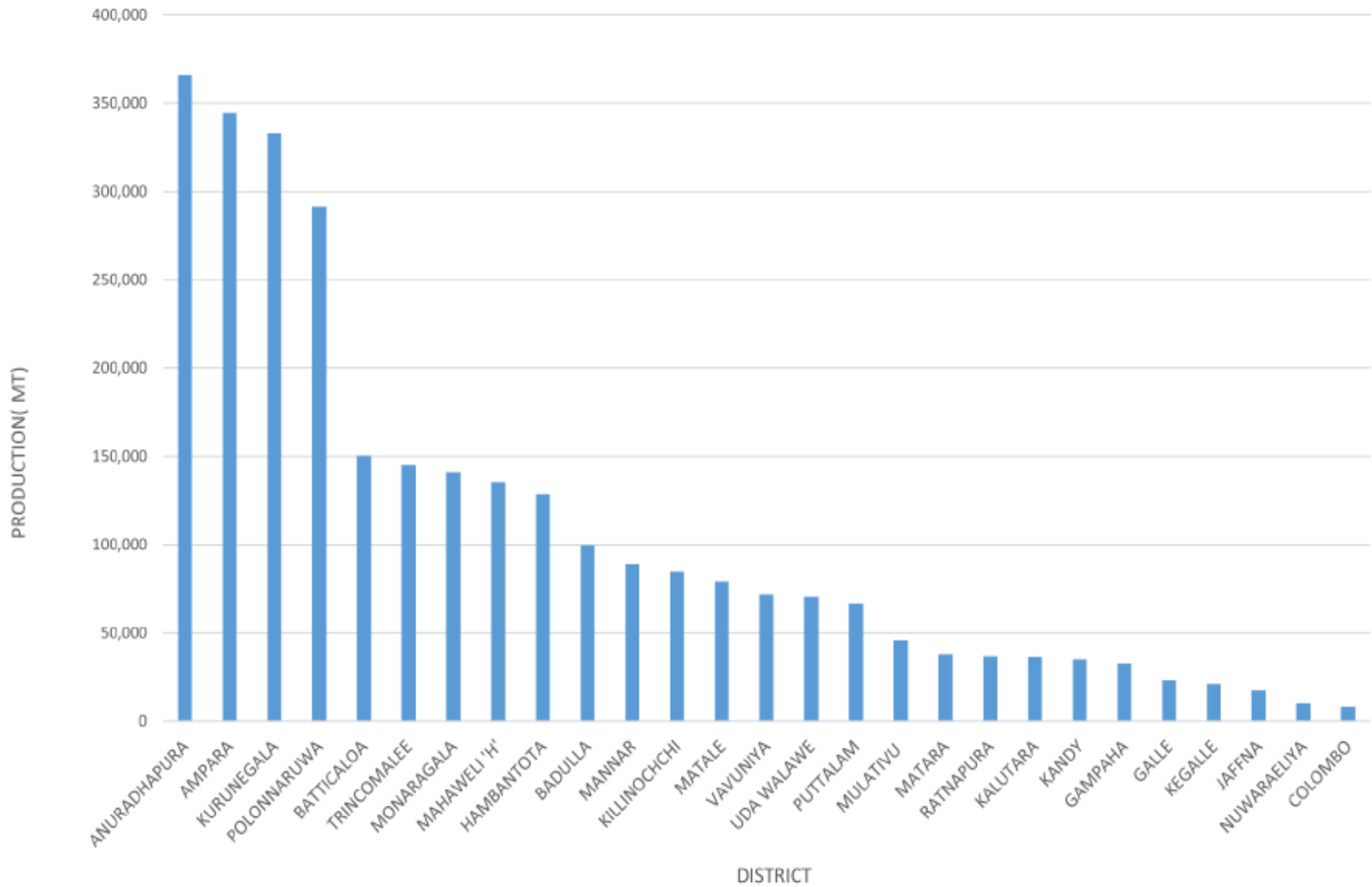
Objectives of the Study

- Preparation of the list of minor irrigation tanks and agrarian wells with identification information by lowest level of formal administrative demarcations (Grama Niladari division level).
- Identification of minor irrigation tanks which have to be rehabilitated and reconstructed with priority order by administrative districts.
- To arrange a formal system of conservation to secure these minor irrigation tanks and agrarian wells for the usage of future generation by using the information which are collected in this research study.

Table 2.1 : Number of Minor irrigation modes under the Department of Agrarian Developments by Administrative districts in Sri Lanka

Administrative District	Number of minor irrigation modes			
	Tanks	Anicuts	Canals & Roads	Total
Colombo	4	426	111	541
Gampaha	102	972	277	1351
Kalutara	55	674	559	1288
Kandy	55	862	626	1543
Matale	378	1046	165	1589
NuweraEliya	94	1702	4	1800
Galle	5	950	631	1586
Matara	34	1230	938	2202
Hambantota	800	79	7	886
Jaffna	1033		137	1170
Mannar	362		5	367
Vavuniya	739	45		784
Mullaitivu	274			274
Kilinochchi	446			446
Batticaloa	359	27	27	413
Ampara	344	18	1	363
Trincomalee	457	20	5	482
Kurunegala	5107	961	1	6069
Puttalam	1217	176	20	1413
Anuradhapura	3255	84	6	3345
Polonnaruwe	107	131	231	469
Badulla	306	2855	926	4087
Moneragala	624	618	3	1245
Ratnapura	88	1602	15	1705
Kegalle	25	1227	108	1360
Total	16270	15705	4803	36778

FIGURE 1 : PADDY PRODUCTION BY DISTRICT-2015/2016 MAHA (MT)



Solution

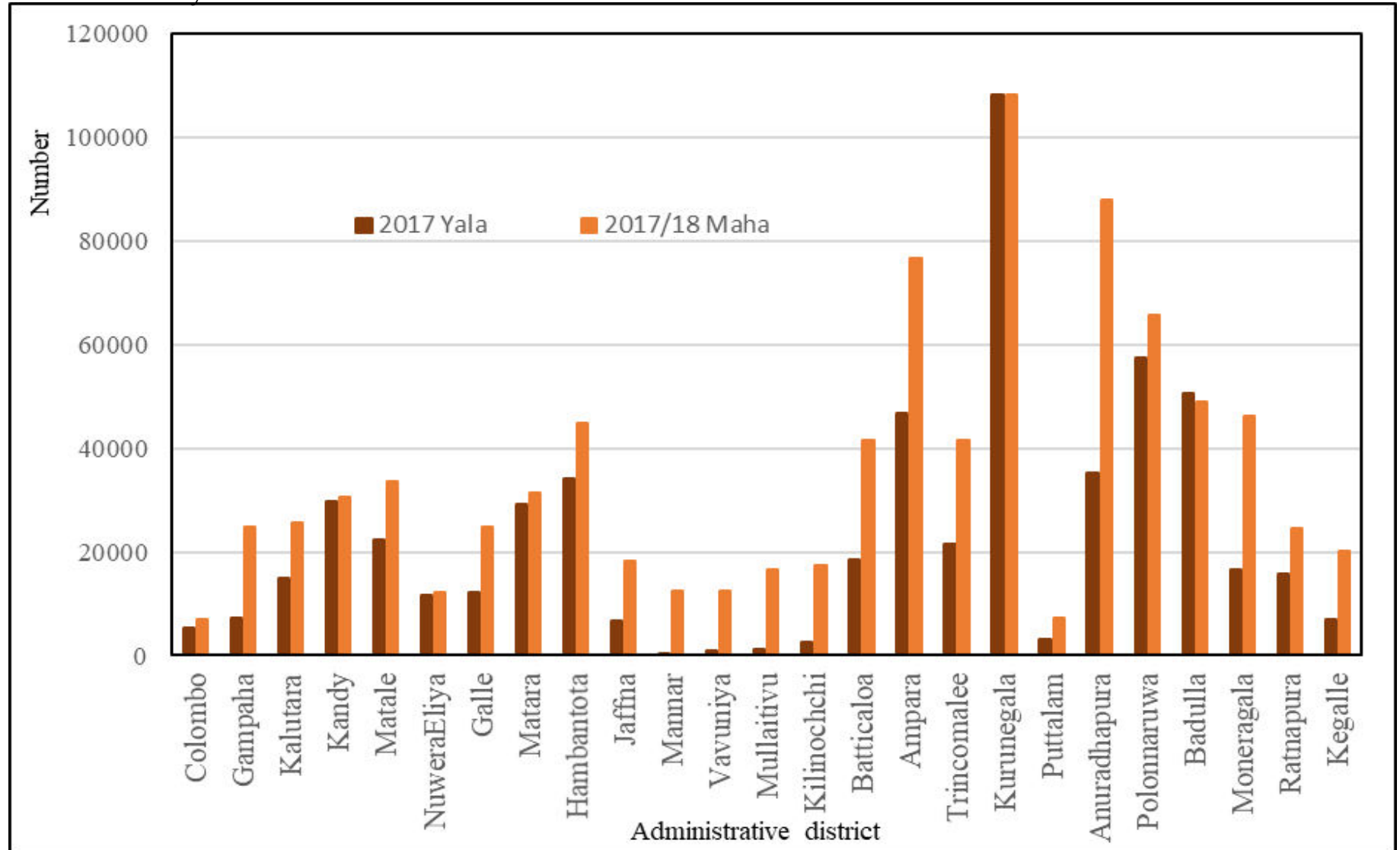
- The Ministry of Agriculture decided to rehabilitate 2000 abandon Irrigated tanks which are under controlling of the ministry as the first step.
- It should be completed within this year. It is the Target

2.2 Production cost

The Ministry of Agriculture Introduced a new Fertilizer subsidy allowance scheme and the Government Allocated money by the National Budget.

2.2 Production cost

Figure 2 : Number of farmers who have opened bank accounts to receive fertilizer subsidy allowance by administrative district.



2.3 Rejection of cultivation and other Agricultural activities by Younger Generation

The Ministry of Agriculture introduced a new programme and it called **National Food Production Drive under the direction of Honorable President and Minister of Agriculture in Sri Lanka**

THANK YOU