

**STATISTICS FOR PLANNING**

**Series I**

**Dept. of Economics & Statistics**

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STATISTICS FOR PLANNING

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## FOREWORD

The State Planning Board and the Bureau of Economics and Statistics jointly propose to publish a series entitled "Statistics for Planning" which shall form the basis for the "Data Bank" to be organised as an integral part of the State Planning Board. The series will have nine volumes covering the various sectors of the State's economy.

The first in the series, this volume contains statistics relating to the agricultural sector including fisheries, animal husbandry and forestry. The data will form the basis for project formulation and appraisal and other related studies in connection with the preparation of the Fifth Five Year Plan.

This volume is set out in three sections. Sections I and II deal with Kerala and India respectively. In Section III, selected agricultural statistics for the world as a whole are presented.

This volume, I trust, will be of use to the public, planners, administrators and agricultural scientists.

DR. P. K. GOPALAKRISHNAN

*Director,*

*Bureau of Economics and Statistics and*

*Member Secretary, State Planning Board.*

Trivandrum,

6-3-1972.

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**SECTION—I**

**KERALA**



1941

1942

TABLE 1.1

## Distribution of population, sex-ratio, density of population and growth-rate by districts

State/District	Area Sq. Km.	Population 1971			Sex-ratio (Females per 1000 males)		Density of population per Sq. Km.		Decennial growth rate of population	
		Persons	Males	Females	1961	1971	1961	1971	1951-61	1961-71
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Kerala	38855	21280397	10538873	10741524	1022	1019	435	548	24.76	25.89
Cannanore	5705	2361814	1168929	1192885	1035	1020	312	414	29.47	32.66
Kozhikode	3729	2076846	1042527	1034319	992	992	426	557	29.56	30.75
Malappuram	3638	1855403	908785	946618	1057	1042	381	510	20.67	33.73
Palghat	4396	1683436	817405	866031	1077	1059	311	383	12.79	22.92
Trichur	3032	2125781	1020338	1105443	1093	1083	557	701	20.82	25.91
Ernakulam	3270	2377020	1197642	1179378	997	985	571	727	21.53	27.36
Kottayam	6388	2082393	1052755	1029643	963	978	270	326	30.59	20.62
Alleppey	1885	2118450	1041305	1077145	1027	1034	958	1124	19.03	17.33
Quilon	4619	2406435	1199436	1206999	996	1006	421	521	31.70	23.60
Trivandrum	2193	2192814	1089751	1103063	1005	1012	796	1000	31.38	25.70

Source: Census of India 1971 (Provisional)

TABLE 1.2

## Rural and Urban composition of Population

State/District	Population 1971			Percentage of urban to total population		Decennial growth rate 1961-71		
	Total	Rural	Urban	1961	1971	Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Kerala	21280397	17814983	3465414	15.11	16.28	25.89	24.15	35.68
Cannanore	2361814	2036808	325006	16.86	13.76	32.66	37.61	8.29
Kozhikode	2076846	1515870	560976	23.89	27.01	30.75	25.39	47.85
Malappuram	1855403	1730557	124846	5.48	6.73	33.73	31.96	64.32
Palghat	1683436	1468884	214552	10.87	12.74	22.92	20.34	44.16
Trichur	2125781	1875970	249811	11.00	11.75	25.91	24.85	34.58
Ernakulam	2377020	1720904	656116	21.18	27.60	27.36	16.98	65.92
Kottayam	2082398	1869406	212992	9.58	10.23	20.62	19.77	28.70
Alleppey	2118450	1758670	359780	17.19	16.98	17.33	17.63	15.91
Quilon	2406435	2216658	189777	7.41	7.89	23.60	22.96	31.57
Trivandrum	2192814	1621256	571558	25.71	26.07	25.70	25.10	27.42

Source: Census of India 1971 (Provisional)

TABLE 1.3  
Distribution of working population by category

State/District	Persons Males Females	Total Workers	Cultivators	Agricul- tural labourers & Agricul- tural Labourers	Workers other than cultivators & Agricul- tural Labourers	Percentage of agricultural and other workers to total workers					
						Cultivators		Agricultural labourers		Workers other than cultivators & agri- cultural labourers	
						1961	1971	1961	1971	1961	1971
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Kerala	P	6152761	1104337	1887862	3160562	20.92	17.95	17.38	30.68	61.70	51.37
	M	4683711	1036125	1177609	2469977	22.91	22.12	13.10	25.14	63.99	52.74
	F	1469050	68212	710253	690585	16.25	4.64	27.42	48.35	56.33	47.01
Cannanore	P	710673	130456	240491	339726	24.29	18.36	17.48	33.84	58.23	47.80
	M	534332	112404	133210	288718	21.88	21.04	11.24	24.93	66.88	54.03
	F	176341	18052	107281	51008	29.15	10.24	30.04	60.84	40.81	28.92
Kozhikode	P	556274	81131	145600	329543	1278	14.59	11.24	26.17	75.98	59.24
	M	457631	76928	103380	277323	13.21	16.81	8.63	22.59	78.16	60.60
	F	98643	4203	42220	52220	11.36	4.26	19.81	42.80	68.83	52.94
Malappuram	P	501082	94283	194379	212420	21.21	18.82	19.06	38.79	59.73	42.39
	M	404618	88502	130387	185729	23.27	21.87	12.99	32.23	63.74	45.90
	F	96464	5781	63992	26691	15.33	5.99	36.34	66.34	48.33	27.67
Palghat	P	601354	950033	291022	215299	20.06	15.80	34.50	48.40	45.44	34.80
	M	398761	79918	140373	178470	21.68	20.04	24.11	35.20	54.21	44.76
	F	202593	15115	150649	36829	17.37	7.46	51.75	74.36	30.88	18.18
Trichur	P	608998	85137	203387	320474	16.58	13.98	15.11	33.40	68.31	52.62
	M	423508	75854	105610	242044	18.18	17.91	9.69	24.94	72.13	57.15
	F	185490	9283	97777	78430	13.52	5.01	25.44	52.71	61.04	42.28
Ernakulam	P	683832	10015	148680	435137	20.61	14.63	14.09	21.74	65.30	63.63
	M	537820	95190	87412	355218	20.62	17.70	9.15	16.25	70.23	60.05
	F	146012	4825	61268	79919	20.58	3.30	26.17	41.96	53.25	54.74
Kottayam	P	617118	149771	160110	307237	19.99	24.27	15.04	25.04	64.97	49.79
	M	491621	146902	114300	230419	23.21	29.88	12.79	23.25	64.00	46.87
	F	125497	2869	45810	76818	10.02	2.29	21.99	36.50	67.99	61.21
Alleppey	P	570324	95554	182087	292683	17.99	16.75	19.19	31.93	62.82	51.32
	M	423267	92660	109865	220742	22.67	21.89	14.97	25.96	62.36	52.15
	F	147057	2894	72222	71941	8.59	1.97	27.65	49.11	63.76	48.92
Quilon	P	679728	184649	135419	359660	31.67	27.17	13.70	19.92	54.63	52.91
	M	520127	182193	101422	236512	37.95	35.03	13.51	19.50	48.54	45.47
	F	159601	2456	33997	123148	16.62	1.54	14.17	21.30	69.21	77.16
Trivandrum	P	623378	88308	186687	348383	21.51	14.16	14.65	29.95	63.84	55.89
	M	492026	85574	151650	254802	23.80	17.39	15.19	30.82	61.01	51.79
	F	131352	2734	35037	93581	14.96	2.08	13.12	26.67	71.92	71.25

Source: Census of India 1971 (Provisional)

TABLE 1.4

Distribution of operational holdings according to size (1966-67)

## 1. KERALA

Size of operational holdings (acres)	Number of holdings		Total area		Average area per holding (acres)
	in '000	per centage to total	in '000 (acres)	Percentage to total	
(1)	(2)	(3)	(4)	(5)	(6)
Less than 1.00	1480.0	59.7	560.7	12.4	0.38
1.00—2.50	547.6	22.1	843.2	18.7	1.54
2.50—5.00	250.2	10.1	886.7	19.6	3.54
5.00—10.00	138.7	5.6	957.7	21.2	6.90
10.00—15.00	37.1	1.5	446.9	9.9	12.04
15.00—20.00	9.1	0.4	151.0	3.3	16.68
20.00—25.00	5.0	0.2	110.3	2.5	22.28
25 and above	11.4	0.4	559.5	12.4	48.94
Total	2479.1	100.0	4516.0	100.0	1.82
2. DISTRICT: TRIVANDRUM					
Less than 1.00	167.0	66.6	64.6	21.3	0.39
1.00—2.50	56.6	22.6	84.8	28.9	1.50
2.50—5.00	15.2	6.1	57.3	18.9	3.77
5.00—10.00	8.8	3.5	58.1	19.2	6.61
10.00—15.00	2.9	1.2	35.0	11.6	12.05
15.00—20.00	0.1	..	1.1	0.4	17.35
20.00—25.00	..	..	..	..	..
25 and above	0.1	..	2.0	0.6	31.16
Total	250.7	100.0	302.9	100.0	1.21
3. QUILON—DISTRICT:					
Less than 1.00	195.2	57.4	75.5	15.0	0.39
1.00—2.50	91.0	26.8	129.6	25.7	1.42
2.50—5.00	29.6	8.7	109.7	21.8	3.70
5.00—10.00	19.9	5.9	143.8	28.5	7.2
10.00—15.00	3.9	1.2	40.6	8.1	10.27
15.00—20.00	0.1	..	1.6	0.3	15.45
20.00—25.00	..	..	..	..	..
25 and above	0.1	..	3.2	0.6	29.75
Total	339.8	100.0	504.0	110.0	1.48
4. ALLEPPEY—DISTRICT:					
Less than 1.00	185.9	72.9	66.0	22.0	0.41
1.00—2.50	42.4	16.6	68.1	22.8	1.57
2.50—5.00	22.6	8.9	84.0	28.1	3.72
5.00—10.00	2.7	1.0	20.6	6.9	7.07
10.00—15.00	0.4	0.2	5.0	1.7	11.98
15.00—20.00	0.2	0.1	3.4	1.1	17.26
20.00—25.00	0.3	0.1	6.5	2.2	22.37
25 and above	0.5	0.2	45.6	15.2	78.81
Total	255.0	100.0	299.2	100.0	1.17
5. KOTTAYAM—DISTRICT:					
Less than 1.00	97.6	46.3	37.1	5.4	0.38
1.00—2.50	49.1	23.2	84.2	12.3	1.71
2.50—5.00	24.8	11.8	83.4	12.2	3.29
5.00—10.00	25.4	12.0	175.2	25.6	6.88
10.00—15.00	7.3	3.5	93.8	13.7	12.93
15.00—20.00	2.3	1.1	37.6	5.5	16.22
20.00—25.00	0.2	0.1	3.3	0.5	21.09
25 and above	4.3	2.0	170.3	24.8	34.64
Total	211.0	100.0	684.9	100.0	3.22
6. ERNAKULAM—DISTRICT:					
Less than 1.00	166.4	66.1	56.4	13.8	0.34
1.00—2.50	38.7	15.4	61.5	15.1	1.59
2.50—5.00	23.1	9.2	84.6	20.7	3.65
5.00—10.00	19.0	7.5	129.8	31.8	6.81
10.00—15.00	2.9	1.1	38.3	9.3	13.05
15.00—20.00	0.9	0.3	14.1	3.4	16.53
20.00—25.00	0.2	0.1	3.9	0.9	23.98
25 and above	0.7	0.3	20.4	5.0	29.70
Total	251.9	100.0	408.7	100.0	1.62

TABLE 1.4—(Contd.)

(1)	(2)	(3)	(4)	(5)	(6)
<b>7. TRICHUR—DISTRICT:</b>					
Less than 1.00	109.2	59.2	34.9	8.3	0.32
1.00—2.50	29.9	16.2	47.8	11.4	1.60
2.50—5.00	22.0	11.9	78.3	18.7	3.56
5.00—10.00	15.3	8.3	102.4	24.4	6.70
10.00—15.00	3.6	2.0	40.5	9.7	11.30
15.00—20.00	1.7	0.9	28.8	6.9	16.85
20.00—25.00	1.5	0.8	35.0	8.3	22.70
25 and above	1.2	0.7	51.7	12.3	43.64
<b>Total</b>	<b>184.4</b>	<b>100.0</b>	<b>419.4</b>	<b>100.0</b>	<b>2:27</b>
<b>8. PALGHAT—DISTRICT:</b>					
Less than 1.00	204.0	63.3	71.3	12.5	0.35
1.00—2.50	59.1	18.4	93.2	16.3	1.58
2.50—5.00	30.0	9.3	103.1	18.0	3.43
5.00—10.00	18.8	5.8	129.4	22.7	6.90
10.00—15.00	7.2	2.2	85.9	15.0	11.99
15.00—20.00	0.9	0.3	16.5	2.9	18.08
20.00—25.00	0.6	0.2	13.0	2.3	23.35
25 and above	1.6	0.5	59.0	10.3	37.40
<b>Total</b>	<b>322.1</b>	<b>100.0</b>	<b>571.4</b>	<b>100.0</b>	<b>1.77</b>
<b>KOZHIKODE—DISTRICT:</b>					
Less than 1.00	248.5	60.3	111.8	20.2	0.48
1.00—2.50	106.5	25.8	157.5	28.4	1.48
2.50—5.00	45.7	11.1	149.9	27.0	3.28
5.00—10.00	7.8	1.9	50.9	9.2	6.54
10.00—15.00	1.5	0.4	19.0	3.4	12.55
15.00—20.00	0.8	0.2	13.9	2.5	16.74
20.00—25.00	0.7	0.2	15.3	2.8	22.49
25 and above	0.6	0.1	36.2	6.5	57.07
<b>Total</b>	<b>412.1</b>	<b>100.0</b>	<b>554.7</b>	<b>100.0</b>	<b>1.35</b>
<b>10. CANNANORE—DISTRICT:</b>					
Less than 1.00	106.2	42.2	43.0	5.6	0.41
1.00—2.50	74.3	29.5	116.5	15.1	1.57
2.50—5.00	37.1	14.7	136.4	17.7	3.68
5.00—10.00	21.0	8.4	147.4	19.1	7.01
10.00—15.00	7.4	2.9	89.1	11.6	12.00
15.00—20.00	2.1	0.8	34.0	4.4	16.46
20.00—25.00	1.6	0.6	33.3	4.3	21.31
25 and above	2.3	0.9	171.1	22.2	73.19
<b>Total</b>	<b>252.0</b>	<b>100.0</b>	<b>770.8</b>	<b>100.0</b>	<b>3.06</b>

TABLE 1.5

Number of persons actually engaged in agriculture by size of holdings (1966-67)

Size of operational holdings (acres)	No. of operational holdings (in '000)	No. of persons actually engaged in agriculture (in '000)	Total area of holdings in ('000 acres)	Average area per person engaged (in acres)
(1)	(2)	(3)	(4)	(5)
Below — 1.00	1480.0	203.4	560.7	2.76
1.00—2.50	547.6	258.9	843.2	3.26
2.50—5.00	250.2	209.4	886.7	4.28
5.00—10.00	138.7	148.0	957.7	6.47
10.00—15.00	37.1	47.7	446.9	9.37
15.00—20.00	9.1	8.7	151.0	13.23
20.00—25.00	5.0	4.6	110.3	23.98
25 and above	11.4	17.9	559.5	31.26
<b>Total</b>	<b>2479.1</b>	<b>898.6</b>	<b>4516.0</b>	<b>5.08</b>

TABLE 1.6

Distribution of wet land holdings according to size—Kerala (1963-64)

Size of holding area in acres (1)	Virippu		Mundakan		Punja	
	Number (2)	Area (acres) (3)	Number (4)	Area (acres) (5)	Number (6)	Area (acres) (7)
Less than 1.00	341,957	170,610	272,599	138,220	57,672	27,912
1.00—2.00	136,172	200,170	130,120	197,994	20,023	28,955
2.00—3.00	57,218	130,081	53,647	119,861	3,334	7,522
3.00—5.00	55,357	213,232	46,880	171,554	5,198	21,087
5.00—10.00	27,073	183,172	19,611	129,037	4,347	29,822
10.00—15.00	4,531	53,751	4,163	51,086	1,785	22,916
15.00 and above	1,041	28,526	173	6,698	2,384	52,107
Total	623,349	979,542	527,193	814,450	94,743	190,321

(Source: NSS 16th round)

TABLE 1.7

Normal Rainfall in Kerala (in Milli Metres)

District (1)	July (2)	August (3)	September (4)	October (5)	November (6)	December (7)	January (8)	February (9)	March (10)	April (11)	May (12)	June (13)	Total (14)
Trivandrum	257.4	204.5	168.9	280.2	210.2	70.1	21.2	18.0	48.0	118.1	213.9	391.1	2001.6
Quilon	449.6	318.1	226.1	344.9	242.9	64.8	24.1	32.1	84.6	166.3	260.3	547.4	2761.2
Alleppey	548.1	371.3	272.3	328.1	224.0	64.0	27.6	31.6	59.7	134.1	293.7	666.1	3020.6
Kottayam	628.0	412.4	263.5	330.8	213.6	72.2	31.2	27.0	59.5	133.1	237.4	585.8	2994.5
Ernakulam	785.9	523.5	296.6	365.7	216.9	54.6	18.0	23.6	54.4	136.1	310.1	792.1	3577.5
Trichur	747.6	441.7	245.5	305.7	163.5	32.8	10.1	9.2	28.4	91.1	283.5	800.3	3159.4
Palghat	657.1	361.9	175.7	257.4	144.3	30.4	9.1	9.3	26.6	80.0	175.2	532.2	2459.2
Kozhikode	1005.9	530.5	239.2	286.6	160.1	33.4	9.0	6.8	18.4	84.0	233.5	853.9	3461.3
Cannanore	1063.5	2584.7	239.4	218.0	106.0	22.8	5.3	4.8	11.2	58.6	200.6	923.0	3437.6
Kerala	682.6	416.5	236.4	301.9	186.8	49.4	17.3	18.0	43.4	111.3	245.4	676.9	2985.9

TABLE 1.8

(1) KERALA

Average Monthly Rainfall (Millimetres)

Months	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
July	203.7	707.4	423.2	322.6	398.8	758.6	535.6	875.0	693.4	928.6
August	360.2	386.8	394.2	139.5	316.0	340.6	522.8	359.3	329.0	645.8
September	96.3	120.1	177.0	416.0	180.4	44.4	90.5	371.7	389.1	379.8
October	336.0	425.2	318.8	358.9	364.5	301.0	210.1	205.9	244.2	262.6
November	96.3	137.4	95.5	227.1	183.9	198.2	208.9	148.1	377.6	98.0
December	65.8	7.1	100.1	41.4	8.4	36.2	10.3	70.0	25.3	19.3
January	26.9	39.1	5.3	8.4	2.5	6.4	2.9	11.1	19.1	33.9
February	20.3	2.3	11.2	15.2	18.5	23.5	27.2	11.4	35.7	60.1
March	32.8	133.9	37.6	33.0	35.3	64.9	8.7	52.2	10.3	45.5
April	143.5	124.0	126.2	134.4	86.9	141.0	152.9	213.9	106.8	98.2
May	72.9	217.2	500.6	351.8	396.2	363.1	373.5	580.2	533.5	491.1
June	244.3	503.4	547.6	641.6	861.1	718.3	842.2	443.6	969.0	246.6
Total	1699.0	2803.9	2737.3	2690.4	2853.0	2996.2	2985.6	3309.4	3733.0	3309.5

Months	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
July	904.2	683.7	758.2	422.9	538.1	746.3	1276	796.0
August	469.7	484.3	464.1	304.7	185.6	498.4	372	285.9
September	407.7	234.3	403.6	150.4	308.7	155.9	338	203.5
October	483.4	278.2	356.4	191.0	407.7	186.8	189	239.1
November	34.7	105.6	17.5	144.8	250.1	73.0	124	119.8
December	74.9	48.6	17.5	172.3	52.7	37.0	40	68.3
January	32.4	1.7	13.0	2.8	17.2	10.0	4	12.2
February	26.8	6.8	1.5	7.1	0.1	31.9	6	15.0
March	70.3	71.0	21.2	69.1	25.9	94.6	18	24.4
April	90.5	79.9	126.3	162.6	69.6	133.4	113	286.3
May	157.8	97.8	232.4	86.3	274.5	95.8	232	518.0
June	375.9	373.2	583.0	495.1	551.7	683.3	538	
Total	3125.3	2465.1	3169.3	2209.1	2681.9	2746.4	3250	2694.8

(2) TRIVANDRUM DISTRICT

Month	1957-58	1960-61	1961-63	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
July	297.7	389.1	425.4	454.6	369.4	489.1	175.5	213.9	217.2	518	295.0
August	155.2	201.5	310.7	211.5	241.2	155.5	167.0	103.5	138.6	114	182.5
September	41.1	362.3	185.5	305.0	211.1	253.0	70.4	441.6	222.2	353	99.9
October	319.5	207.8	206.7	466.9	255.9	500.9	401.6	317.4	308.6	219	316.4
November	243.6	480.2	97.5	37.4	164.7	186.3	129.1	160.6	51.6	183	131.1
December	92.5	38.8	24.8	53.9	74.5	3.8	243.1	60.1	18.8	78	96.5
January	16.9	67.7	58.1	42.3	2.0	16.5	6.7	24.0	13.9		9.5
February	31.6	48.7	57.3	23.5	14.8	1.3	10.0	0.1	15.0	4	9.5
March	89.0	9.4	48.4	61.2	85.4	33.5	44.8	62.4	112.4	14	67.4
April	154.7	75.0	142.5	88.9	84.3	141.2	148.0	63.2	144.3	128	104.3
May	333.0	446.4	433.6	161.4	65.6	237.1	58.5	215.6	40.2	204	210.2
June	711.2	912.1	127.5	244.9	149.6	375.7	300.2	461.1	474.4	192	209.9
Total	2486.0	2239.0	2118.0	2151.5	1718.5	2393.9	1754.9	2123.5	1757.2	2007	1732.2

TABLE 1.8—(Contd.)

## Average monthly Rainfall (in Millimetres)

Month	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>3) QUILON DISTRICT</b>											
July	480.8	495.8	645.2	646.2	535.4	539.2	225.0	311.9	554.4	1019	602.0
August	213.6	283.4	480.3	311.9	326.4	255.2	321.0	197.5	353.6	314	208.9
September	42.2	411.1	192.5	384.6	211.7	410.6	120.7	275.2	224.5	411	152.6
October	262.1	251.4	225.8	427.5	287.9	351.8	257.7	431.6	245.2	321	277.2
November	172.0	571.4	98.4	53.8	131.8	242.8	192.3	196.3	81.8	239	76.5
December	62.7	35.1	7.0	82.2	63.1	14.6	197.5	71.3	78.2	96	52.7
January	13.4	48.5	76.3	38.3	3.7	8.5	4.4	22.6	30.7	..	13.0
February	26.8	58.9	127.0	27.3	20.4	2.1	16.2	..	67.4	29	39.6
March	129.4	15.6	79.7	138.2	143.1	3.0	123.0	58.3	133.5	66	65.3
April	183.9	143.2	148.7	115.2	171.1	205.2	441.0	99.5	147.5	167	171.5
May	371.0	368.7	399.4	186.0	88.5	247.5	59.0	276.5	99.0	257	271.3
June	576.1	864.2	154.6	303.7	204.6	423.7	472.5	536.5	597.7	423	459.2
Total	2534.0	3547.3	2634.9	2714.9	2187.7	2404.2	2430.3	2477.2	2613.5	3341	2389.8
<b>(4) ALLEPPEY DISTRICT</b>											
July	664.7	676.7	731.0	920.4	671.1	755.0	334.0	370.6	1092.0	1241	780.6
August	316.2	373.8	589.2	422.9	416.5	304.4	380.3	165.0	519.7	246	276.6
September	74.7	474.2	295.7	634.2	355.9	379.9	195.6	435.0	187.4	300	233.1
October	362.7	198.4	278.8	570.1	310.7	430.5	100.0	387.1	205.6	213	291.4
November	187.7	422.0	141.4	50.9	154.1	221.1	210.8	383.2	70.4	186	107.5
December	52.6	27.7	33.4	42.9	48.6	1.4	260.9	31.6	75.8	63	89.4
January	4.6	28.2	36.4	54.7	9.1	38.6	0.6	12.0	35.2	24	21.5
February	23.0	110.2	61.9	45.1	16.3	2.4	12.3	..	44.0	13	5.6
March	39.2	13.6	49.4	69.3	103.5	42.0	62.5	13.8	137.3	5	19.6
April	149.6	126.7	96.5	113.2	94.5	84.2	187.2	109.4	130.9	93	122.3
May	458.8	456.5	538.8	156.4	142.3	339.9	67.7	371.4	114.3	305	276.2
June	909.4	1089.4	292.6	348.3	293.3	511.8	489.9	642.8	793.1	520	600.1
Total	3243.2	3997.4	3145.1	3428.4	2615.9	3111.2	2301.8	2922.4	3405.7	3209	2823.9
<b>(5) KOTTAYAM DISTRICT</b>											
July	721.9	694.0	926.7	961.3	569.9	788.8	335.8	479.8	424.6	1187	827.9
August	347.2	401.7	567.8	382.2	355.0	539.3	241.5	165.7	410.7	314	294.9
September	53.3	403.6	257.8	345.5	279.4	394.8	140.7	246.8	122.7	337	187.7
October	333.5	268.3	245.3	426.2	294.6	425.9	220.6	356.0	223.8	211	244.5
November	241.1	361.9	96.3	44.2	129.3	151.1	157.1	365.5	365.2	151	144.1
December	43.2	37.5	19.0	80.7	68.5	15.6	174.3	91.6	32.4	73	76.4
January	8.8	15.0	29.3	50.2	0.7	6.0	4.8	23.4	5.7	7	27.8
February	26.2	57.6	65.1	34.0	1.8	..	15.5	0.4	51.9	4	60.3
March	80.6	15.6	51.8	58.8	78.2	41.7	84.1	41.7	125.0	33	20.3
April	117.1	132.7	128.3	109.5	80.6	136.4	261.1	100.8	132.2	121	180.6
May	292.8	418.1	409.8	119.8	112.2	240.6	63.1	258.8	84.8	196	184.1
June	514.0	855.2	189.8	335.2	239.6	406.5	423.8	498.1	671.4	463	481.6
Total	2779.7	3661.2	2987.0	3037.6	2209.8	3145.7	2122.4	2628.4	2350.9	3097	2730.2
<b>(6) ERNAKULAM DISTRICT</b>											
July	769.9	760.4	836.7	943.1	668.5	992.0	432.0	749.4	692.5	1347	978.3
August	421.9	377.5	599.1	475.3	556.9	527.4	339.6	178.5	631.8	426	400.4
September	49.5	535.9	401.7	550.3	344.9	541.1	200.3	364.0	191.7	407	258.5
October	405.1	311.9	250.9	635.2	340.7	462.9	196.5	440.0	207.4	260	302.4
November	196.3	311.5	76.5	48.0	151.3	189.4	190.2	332.4	102.7	106	171.4
December	19.6	31.2	13.2	72.5	79.1	19.7	234.0	102.0	25.3	33	88.2
January	1.7	2.6	8.8	37.4	..	41.6	4.9	57.2	4.2	3	36.1
February	50.5	21.1	72.7	39.4	1.4	7.8	8.1	..	47.7	4	19.8
March	74.3	5.5	46.6	73.0	69.2	40.0	86.4	15.4	115.5	32	37.7
April	220.5	134.7	114.6	95.5	83.9	200.5	209.0	82.8	152.2	513	139.3
May	479.3	656.9	538.7	210.8	118.3	362.0	115.8	478.0	174.7	265	317.2
June	696.1	829.9	292.4	439.0	408.3	635.0	625.2	674.7	710.5	691	749.5
Total	3384.7	3979.1	3251.6	3619.5	2822.5	4019.4	2642.0	3474.4	3056.2	3727	3498.8



TABLE 1.8 (Contd.)

Average Monthly Rainfall (in Millimetres)

Months	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>(7) TRICHUR DISTRICT</b>											
July	836.7	865.6	1290.6	918.1	742.8	973.3	440.6	746.1	743.1	1510	940.9
August	412.0	287.9	652.5	422.2	621.8	555.1	322.1	191.7	678.4	492	348.0
September	28.5	415.9	399.8	359.3	223.8	568.4	185.4	329.0	125.7	357	178.8
October	318.6	296.1	193.0	413.5	248.2	256.5	99.4	557.2	172.7	110	181.8
November	197.6	218.9	67.5	36.0	88.3	263.8	143.3	218.1	65.8	54	81.7
December	15.5	2.7	20.8	73.6	21.1	30.2	128.6	56.0	40.4	10	30.4
January	..	..	23.3	..	..	2.4	..	1.6	..	..	..
February	29.7	28.0	57.1	42.8	0.1	..	..	..	44.8	..	..
March	28.3	24.8	41.1	40.7	49.8	5.3	42.4	6.9	74.1	1	8.9
April	90.7	95.3	42.6	51.1	30.7	88.5	50.3	27.6	109.9	43	106.8
May	618.9	644.0	677.3	124.2	160.8	277.3	29.3	333.8	114.5	195	353.3
June	810.9	1007.2	296.6	369.7	560.0	621.5	581.9	497.2	726.7	693	522.2
Total	3387.4	3886.4	3761.2	2851.2	2747.4	3642.3	2023.3	2965.2	2896.1	3465	2752.8
<b>(8) PALGHAT DISTRICT</b>											
July	692.1	643.8	1100.9	871.0	588.1	604.9	440.3	557.2	750.2	897	754.7
August	229.4	203.9	593.6	417.7	427.3	593.6	239.6	130.7	444.3	381	182.4
September	11.2	252.8	298.6	275.1	152.1	304.3	123.9	189.7	89.2	227	147.9
October	214.6	332.5	283.8	441.6	234.7	384.8	193.5	364.8	134.6	177	251.8
November	224.5	323.5	69.0	20.8	63.1	208.3	96.3	187.1	102.7	71	111.1
December	..	22.8	1.6	119.9	28.0	13.9	86.6	20.4	39.8	3	43.5
January	0.4	1.6	16.1	2.8	..	..	..	10.7	..	..	2.1
February	9.2	8.8	35.0	22.2	..	..	..	..	8.9	..	..
March	57.3	12.2	28.2	87.8	85.4	9.4	49.5	11.7	66.8	2	..
April	151.9	65.6	85.0	114.0	58.8	136.5	63.9	40.9	133.8	102	143.6
May	361.5	421.1	300.8	119.8	99.2	120.7	98.3	139.3	75.3	152	232.3
June	497.8	856.4	260.3	305.2	376.9	465.6	290.4	342.1	467.7	526	462.2
Total	2449.9	3172.0	3082.9	2851.9	2113.6	2841.0	1681.3	1994.6	2313.5	2538	2331.6
<b>(9) KOZHIKODE DISTRICT</b>											
July	1146.8	919.7	1772.8	1304.5	988.6	857.5	665.1	661.5	1029.2	1701	1071.7
August	420.1	300.2	951.6	704.7	637.5	538.3	316.6	216.9	597.9	614	351.8
September	26.4	321.6	725.0	389.9	166.9	495.9	148.0	277.6	99.3	305	271.5
October	283.2	197.3	314.6	562.3	257.5	281.9	158.3	469.5	101.4	100	158.9
November	159.8	342.4	88.5	11.8	41.5	169.0	106.0	215.0	60.0	83	109.9
December	2.8	5.8	3.8	103.1	35.1	28.9	112.5	33.5	15.4	2	57.3
January	0.8	..	22.5	36.2	..	3.0	1.3	..	..	..	..
February	10.3	..	36.0	..	1.0	..	2.0	..	2.8	..	..
March	33.8	..	16.8	73.3	17.5	16.4	113.9	21.3	61.3	6	..
April	105.4	50.9	81.5	59.0	56.9	90.4	57.1	62.9	110.1	124	108.7
May	242.0	1041.4	542.0	189.1	37.2	172.5	152.5	218.0	86.0	263	420.2
June	848.9	1479.5	294.0	449.3	585.6	851.2	592.5	598.2	757.7	701	572.3
Total	3280.3	4658.8	4849.1	3883.2	2825.3	3505.0	2425.8	2774.4	2920.8	3899	3122.3
<b>(10) CANNANORE DISTRICT</b>											
July	1316.7	947.9	1618.7	1118.2	1019.4	825.6	757.6	752.1	1213.5	2066	913.2
August	579.6	439.3	1067.2	825.6	776.2	707.9	414.2	320.2	711.3	451	328.0
September	56.4	303.0	662.0	308.8	163.3	284.6	269.0	219.2	140.4	336	301.8
October	178.3	124.1	364.4	407.2	273.8	112.0	91.5	345.9	81.8	94	127.5
November	134.6	283.6	75.0	9.3	26.6	96.7	78.3	192.5	56.0	47	144.8
December	27.4	1.8	11.5	45.7	19.1	29.7	112.8	8.1	7.4	..	80.6
January	7.1	0.4	18.2	29.5	..	..	2.3	3.2	..	..	..
February	..	2.0	29.2	7.0	5.8	..	..	..	4.6	..	..
March	8.3	3.4	7.6	30.2	56.5	..	16.4	1.4	25.2	..	..
April	59.7	58.2	31.9	68.3	58.5	53.6	46.2	39.0	139.3	86	59.8
May	253.7	558.3	619.6	151.7	55.8	94.1	132.2	178.7	73.0	249	311.8
June	1169.1	1091.3	311.8	588.5	540.8	956.1	679.1	714.8	950.6	636	604.5
Total	3790.9	3813.3	4817.1	3590.0	2945.8	3160.3	2499.6	2775.1	3403.1	3965	2872.0

TABLE 1.9  
Classification of Area

(Area in '000 Hectares)

Mode of Utilisation	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>1. KERALA</b>											
1 Total geographical area according to village papers	3058	3858	3853	3858	3858	3858	3858	3858	3858	3858	3858
2 Forests	1018	1056	1056	1056	1055	1052	1055	1056	1056	1056	1056
3 Land put to non-agricultural uses	201	205	209	214	218	222	228	235	241	251	267
4 Barren & uncultivable land	199	151	146	121	117	116	110	100	92	80	74
5 Permanent pastures & other grazing land	48	45	45	35	34	34	28	28	27	28	28
6 Land under misc. tree crops not included in net area sown	219	204	202	209	207	209	200	182	162	150	140
7 Cultivable waste	191	144	141	127	125	119	108	106	98	89	81
8 Fallowland other than current fallow	83	62	61	43	42	34	32	34	30	27	23
9 Current fallow	60	67	66	44	38	35	33	26	23	23	23
10 Net area sown	1839	1924	1932	2009	1022	1037	2064	2094	2129	2154	2166
11 Total cropped area	2211	2349	2341	2447	2462	2489	2551	2622	2757	2853	2916
12 Area sown more than once	372	425	409	438	440	452	487	531	628	699	750

(Area in Hectares)											
<b>2. Trivandrum District.</b>											
1 Total geographical area according to village papers	216096	216096	216096	216096	216096	216096	216096	216096	216096	216096	216096
2 Forests	44658	44513	44513	44613	44613	44613	44559	44559	44538	44537	44537
3 Land put to non-agricultural uses	12558	11298	11771	12424	13033	13616	14290	15662	16665	17025	17081
4 Barren and uncultivable land	2272	2209	1021	1021	946	955	545	545	670	590	605
5 Permanent pastures & other grazing land	-	996	996	570	599	599	550	550	550	550	550
6 Land under misc. tree crops not included in net area sown	761	761	722	679	661	798	800	216	216	216	216
7 Cultivable waste	2826	2653	2126	1382	1174	907	790	761	677	633	567
8 Fallowland other than current fallow	3045	3286	3098	2912	3109	1965	1480	741	741	741	741
9 Current fallow	2713	2713	2239	2238	1856	1169	1085	597	466	281	253
10 Net area sown	147263	147567	149510	150257	150105	151474	151997	152303	152573	151523	151546
11 Total cropped area	195043	196610	197742	198106	196086	197222	206144	215550	240750	235230	235921
12 Area sown more than once	47780	49043	48232	47849	45981	45748	54147	63247	88177	83707	84375

<b>3. Quilon District</b>											
1 Total geographical area according to village papers	469051	469051	469051	469051	469051	469051	469051	469051	469051	469051	469051
2 Forests	211782	213120	213120	213120	211898	210857	210857	210857	210857	210857	210857
3 Land put to non-agricultural uses	11684	11979	12282	12588	13419	13701	14040	14979	15580	16234	17046
4 Barren and uncultivable land	17097	16630	16217	13230	12251	12398	12040	11800	10850	10156	9226
5 Permanent pastures & other grazing land	3000	1684	1642	1340	1341	1341	1300	1300	1300	1300	1300
6 Land under misc. tree crops not included in net area sown	5818	5878	5436	4724	4951	4678	3300	2000	2000	3584	1735
7 Cultivable waste	7705	5893	5425	4115	3926	3729	3000	2560	2449	2444	2347
8 Fallow land other than current fallow	3645	2315	2315	1782	1656	1604	1525	2308	1246	596	885
9 Current fallow	2513	3709	3413	2218	1709	1869	1570	1384	1384	480	425
10 Net area sown	205807	207843	209201	215934	217906	218874	221419	221863	223385	223400	225304
11 Total cropped area	237824	257111	257688	271043	177001	178711	287522	297182	333639	345561	352063
12 Area sown more than once	32020	49268	48487	55109	59095	59837	66103	75319	110254	122161	126759

Table 1.9—(Contd.)  
Classification of Area

(Area in Hectares)

<i>Mode of Utilisation</i>	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>4. Alleppey District</b>											
1 Total geographical area according to village papers	186790	186790	186790	186790	186790	186790	186790	186790	186790	186790	186790
2 Forests	513	513	513	513	513	513	513	513	513	513	513
3 Land put to non-agricultural uses	10320	10229	10460	10781	10878	11270	13115	11803	12510	12660	12913
4 Barren and uncultivable land	4847	2778	2609	1904	1939	1740	1310	1102	950	722	650
5 Permanent pastures & other grazing land	851	477	448	336	271	271	250	250	250	250	250
6 Land under misc. tree crops not included in net area sown	4992	4984	4587	7840	8256	9145	6150	6920	7221	2762	2875
7 Cultivable waste	4176	2849	2590	2590	2529	2566	2535	1789	1037	1001	892
8 Fallow land other than current fallow	1642	961	864	618	461	460	480	1517	1517	1371	1139
9 Current fallow	1507	5935	5935	3439	1924	639	790	600	494	344	458
10 Net area sown	157942	158064	158784	158769	160019	160186	161647	162296	162298	167187	167100
11 Total cropped area	197064	221902	221361	221460	220207	219781	222282	226140	230013	235875	236165
12 Area sown more than once	39122	63838	62577	62691	60188	59595	60635	63844	67715	68708	69075
<b>5. Kottayam District</b>											
1 Total geographical area according to village papers	626225	626225	626225	626225	626225	626225	626225	626225	626225	626225	626225
2 Forests	239432	248758	248758	248758	248756	248238	251779	252964	252964	252964	252964
3 Land put to non-agricultural uses	12762	13352	13740	14152	14251	14523	15305	16072	16235	16332	17312
4 Barren and uncultivable land	28423	27648	25556	22460	22038	21575	17950	17591	15130	18176	7585
5 Permanent pastures & other grazing land	5129	5129	5129	4503	4503	4503	3500	3500	3500	3500	3500
6 Land under misc. tree crops not included in net area sown	21858	17618	16820	16820	15886	16404	14355	11355	3156	3156	2242
7 Cultivable waste	37628	23763	23668	21774	19998	21000	18380	18380	16910	16572	16075
8 Fallow land other than current fallow	1838	1904	1728	1728	1528	1030	980	1050	872	1290	1291
9 Current fallow	4984	7041	6698	5986	4818	3648	2945	1815	1815	3159	3258
10 Net area sown	274171	281012	284128	290045	294447	295304	310031	303498	315643	321076	321998
11 Total cropped area	291300	310687	313596	320251	323028	327851	334713	350857	354641	374152	372473
12 Area sown more than once	17129	29675	29468	30206	28581	32547	33682	47359	38998	53076	50475
<b>6. Eranakulam District</b>											
1 Total geographical area according to village papers	317428	317428	317428	317428	317428	317428	317428	317428	317428	317428	317428
2 Forests	55262	55261	55261	55261	55212	55212	55212	55212	55212	5212	55212
3 Land put to non-agricultural uses	14649	16908	17715	19278	20293	20702	21580	21299	21300	24169	26530
4 Barren and uncultivable land	19987	11226	11004	9897	9036	8928	7530	5590	5140	4986	4787
5 Permanent pastures and other grazing land	4484	4080	3999	3605	3334	3334	2000	2000	2000	2000	2000
6 Land under miscellaneous tree crops not included in net area sown	10707	9698	9987	10506	9979	9156	6980	3994	3994	2661	1874
7 Cultivable waste	12534	8909	8779	8734	8558	8387	8180	8646	8646	5748	3663
8 Fallow land other than current fallow	3290	1865	1865	1861	1768	1484	1460	2530	2505	2527	2729
9 Current fallow	8808	6910	7112	3214	2646	2178	1820	2255	2255	2883	3204
10 Net area sown	187707	202574	201706	205072	206553	208047	211666	215902	216376	217242	217429
11 Total cropped area	213641	222190	218295	227187	237758	236977	247036	261621	272750	274583	280561
12 Area sown more than once	25934	19616	16589	22115	31205	28930	35370	45719	56374	57341	63132



Table 1.9—(Contd.)

## Classification of Area

10 Cannanore District

(Area in Hectares)

Mode of Utilisation	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1 Total geographical area according to village papers	576661	576661	576661	576661	576661	576661	576661	576661	576661	576661	576661
2 Forests	74974	67231	67231	67231	67099	65932	65932	65932	65932	65932	65932
3 Land put to non-agricultural uses											
4 Barren and uncultivable land	39594	40545	40912	42132	42386	42641	44005	45767	50345	51604	55362
5 Permanent pastures & other grazing land	39996	38053	38053	25849	25183	24779	24555	23573	23100	23045	22354
6 Land under misc. tree crops not included in net area sown	22138	21814	21813	14793	14794	14795	12000	12000	12000	12000	12000
7 Cultivable waste	81757	91375	91375	93020	93205	95756	96190	96190	90800	92271	94130
8 Fallow land other than current fallow	51736	37560	37184	33391	34857	31690	28520	26148	23467	20828	17833
9 Current fallow	41203	30107	29781	19719	19758	14715	14540	14540	14360	12733	7769
10 Net area sown	11078	11468	11737	3741	3956	6605	6420	5093	4922	4471	4272
11 Total cropped area	214195	238508	238575	276785	275423	279748	284499	287418	291735	293777	297009
12 Area sown more than once	251392	267514	267283	307222	312056	316974	322492	318933	333012	343402	367706
	37197	29006	28708	30437	36633	37226	37993	31515	41277	49625	70697

TABLE 1.10

## Area Under Principal Crops

(1) KERALA

(Area in '000 Hectares)

Crops	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>FOOD CROPS</b>							
1 Rice	742.16	760.85	763.20	759.35	762.02	766.76	768.42
2 Jowar	1.23	1.29	1.45	1.86	1.96	1.62	1.53
3 Ragi	4.59	4.77	4.60	4.70	4.98	5.02	5.07
4 Other cereals & Millets	5.45	5.75	5.90	5.42	5.71	5.91	5.77
5 Pulses	34.76	42.85	44.64	44.75	48.06	45.10	44.38
6 Sugarcane	6.50	7.24	7.23	7.29	7.75	8.73	8.81
7 Pepper	78.80	81.28	83.26	86.49	86.97	90.92	90.62
8 Chillies	4.14	4.27	4.52	4.05	3.00	3.37	3.32
9 Ginger	14.07	8.95	9.99	10.46	10.13	9.27	8.92
10 Turmeric	4.51	4.35	4.56	4.55	4.68	6.11	4.29
11 Cardamom	25.54	27.52	28.06	28.07	28.16	28.19	29.85
12 Arecanut	60.00	52.68	58.48	58.10	49.13	49.71	50.11
13 Mangoes	50.99	50.98	51.98	57.11	56.24	56.92	58.82
14 Citrus fruits	3.31	2.56	2.30	2.31	2.31	0.64	1.86
15 Banana & Other Plantains	31.02	40.03	43.10	47.07	40.25	40.57	39.80
16 Cashewnut	35.41	36.10	32.94	37.46	37.39	44.04	46.21
17 Tapioca	204.72	242.45	225.68	222.13	208.51	213.96	223.87
18 Sweet potatoes	6.12	8.22	12.90	8.40	7.52	8.46	8.94
19 Other vegetables	39.79	39.78	39.77	39.79	40.02	23.09	22.85
20 Other food crops	71.43	73.23	77.30	78.45	76.35	78.71	77.56
Total food Crops	1424.54	1495.15	1501.86	1507.81	1481.14	1487.10	1501.00
<b>Non Food Crops</b>							
1 Ground-nut	11.05	13.30	13.80	13.20	13.35	13.68	14.35
2 Castor	0.67	0.68	0.70	0.70	0.61	0.09	0.16
3 Sesamum	18.56	20.68	21.21	20.13	19.79	20.36	19.65
4 Coconut	430.40	439.62	444.52	447.94	459.84	463.27	475.68
5 Cotton	6.41	7.38	8.88	8.77	9.09	8.70	7.95
6 Tabacco	0.52	0.54	0.56	0.57	0.50	0.52	0.53
7 Tea	44.98	45.01	39.50	39.88	39.88	39.92	37.63
8 Coffee	12.61	13.98	14.73	14.29	14.93	16.64	16.21
9 Rubber	62.58	63.57	64.81	64.71	62.26	99.87	109.52
10 Other non food crops	76.79	58.71	59.67	60.31	56.80	60.73	57.95
Total non food crops	664.57	663.47	668.38	670.50	697.05	723.78	739.63
Total Area Sown	2089.11	2158.62	2170.24	2178.31	2178.19	2210.88	2240.63

TABLE 1.10—(Contd.)

	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
<b>FOOD CROPS</b>							
1 Rice	768.96	778.91	752.69	802.66	805.08	801.12	802.33
2 Jowar	1.47	1.47	1.42	1.42	1.41	1.32	1.24
3 Ragi	5.37	5.57	5.21	5.21	5.22	5.18	5.10
4 Other cereals & Millets	5.88	5.85	6.74	6.73	6.73	6.72	6.72
5 Pulses	44.07	44.12	43.53	43.98	43.85	43.60	43.31
6 Sugarcane	9.91	9.15	9.22	9.33	9.49	9.51	9.19
7 Pepper	91.49	99.75	99.84	99.24	99.38	99.55	99.70
8 Chillies	3.37	3.32	3.32	3.32	3.29	3.29	3.10
9 Ginger	11.06	12.00	12.05	12.07	11.96	11.97	11.85
10 Turmeric	4.63	4.67	4.84	4.83	4.62	4.62	4.46
11 Cardamom	28.55	28.61	28.68	28.68	28.68	28.68	28.68
12 Arecanut	53.16	54.26	56.74	55.30	56.69	59.49	64.48
13 Mangoes	59.43	59.58	61.18	62.63	63.66	63.32	63.22
14 Citrus fruits	1.86	1.96	1.96	1.96	1.96	1.96	1.96
15 Banana and other Plantains	44.69	44.42	42.68	43.35	43.14	45.20	47.78
16 Cashewnut	52.42	54.32	55.03	82.12	82.37	85.98	87.37
17 Tapioca	24.76	242.20	236.67	221.62	209.91	209.37	229.68
18 Sweet potatoes	8.43	8.03	8.08	8.36	8.92	10.19	8.21
19 Other vegetables	25.34	25.01	31.68	31.08	25.35	28.43	27.84
20 Other food crops	82.53	81.86	77.97	77.95	92.78	89.44	90.10
Total Food Crops	1542.38	1565.06	1539.53	1601.84	1604.49	1608.94	1635.32
<b>Non Food Crops</b>							
1 Groundnut	12.93	16.03	15.98	16.03	14.51	14.52	15.22
2 Castor	0.23	0.21	0.28	0.39	0.36	0.36	0.36
3 Sesamum	17.61	12.09	11.95	11.91	11.99	12.01	11.95
4 Coconut	492.54	500.76	504.82	539.26	544.99	558.99	586.31
5 Cotton	8.38	9.82	9.58	7.73	7.96	8.70	7.16
6 Tobacco	0.62	0.74	0.70	0.71	0.70	0.70	0.71
7 Tea	37.63	37.63	37.41	38.55	38.41	39.36	39.47
8 Coffee	16.80	16.80	18.80	19.17	20.02	21.73	23.60
9 Rubber	116.73	122.87	133.08	137.91	142.91	146.95	149.63
10 Other non food crops	60.14	66.85	69.07	73.12	75.33	77.19	54.89
Total non food crops	763.61	783.80	801.67	844.78	857.09	880.51	916.02
Total area sown	2305.09	2348.86	2341.20	2446.62	2461.58	2489.45	2551.34
<b>FOOD CROPS</b>							
			1966-67	1967-68	1968-69	1969-70	
(1)			(16)	(17)	(18)	(19)	
1 Rice			799.44	809.54	873.87	874.06	
2 Jowar			1.24	1.24	1.24	1.52	
3 Ragi			5.11	5.09	4.99	5.04	
4 Other cereals & Millets			6.69	6.57	6.56	6.68	
5 Pulses			43.55	42.63	42.67	42.35	
6 Sugarcane			8.77	8.03	7.89	7.79	
7 Pepper			99.70	99.70	98.83	118.04	
8 Chillies			3.19	3.19	3.19	3.19	
9 Ginger			11.79	11.80	11.42	11.52	
10 Turmeric			4.44	4.44	4.37	4.34	
11 Cardamom			47.03	47.03	37.03	47.03	
12 Arecanut			71.23	76.04	81.18	83.68	
13 Mangoes			61.98	64.48	62.22	60.26	
14 Citrus fruits			1.96	1.96	1.96	1.96	
15 Banana & other plantains			45.59	49.42	51.59	53.48	
16 Cashewnut			90.56	94.99	96.02	98.96	
17 Tapioca			224.65	297.65	296.66	295.58	
18 Sweet Potatoes			8.62	8.80	7.41	6.05	
19 Other vegetables			30.36	36.67	31.98	31.69	
20 Other food crops			87.92	93.53	89.77	151.25	
Total food crops			1673.82	1762.79	1820.85	1844.21	

TABLE 1.10—(Contd.)

	(1)	(16)	(17)	(18)	(19)
<b>NON FOOD CROPS</b>					
1 Ground nut	..	13.75	13.71	13.12	13.12
2 Castor	..	0.37	0.27	0.12	0.36
3 Sesamum	..	12.07	11.16	12.00	11.82
4 Coconut	..	609.58	638.72	686.06	707.84
5 Cotton	..	6.63	6.63	6.30	6.30
6 Tobacco	..	0.71	0.70	0.67	0.62
7 Tea	..	39.80	39.28	41.16	38.30
8 Coffee	..	25.15	26.47	27.68	28.87
9 Rubber	..	153.36	162.93	168.53	175.19
10 Other non food crops	..	54.89	94.78	78.27	89.46
Total non food crops	..	945.15	994.65	1031.91	1071.88
Total area sown	..	2621.97	2757.44	2852.76	2916.09

## (2) TRIVANDRUM DISTRICT

## Area under Principal Crops.

(Area in Hectares)

Crops	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>FOOD CROPS</b>											
1. Rice	37282	37417	36411	38531	38789	38602	38734	39036	39583	39962	39489
2. Jowar	..	..	..	..	..	..	..	..	..	..	..
3. Ragi	106	22	22	22	22	..	..	..	..	..	..
4. Other Cereals & Millets	4	..	..	..	..	..	..	..	..	..	..
5. Pulses	2693	2662	2639	2639	2684	2667	2653	2639	2578	2576	2573
6. Sugarcane	..	..	..	..	..	..	..	..	..	..	..
7. Pepper	8110	8436	8685	8429	8429	8429	8429	8429	8429	8429	10233
8. Chillies	26	..	..	..	..	..	..	..	..	..	..
9. Ginger	34	101	101	101	..	..	..	..	..	..	..
10. Turmeric	523	54	79	79	79	79	..	..	..	..	..
11. Cardamom	..	..	..	..	..	..	..	..	..	..	..
12. Arecanut	3181	3590	3690	4085	4075	4384	4470	5119	5205	4946	4817
13. Mangoes	5749	5815	5989	6192	6161	6383	6338	6718	8303	8012	4261
14. Citrus fruits	NA	NA	..	..	..	..	..	..	..	..	..
15. Banana & other Plantains	2494	2160	1762	1944	2098	2253	2842	3179	3465	4067	4551
16. Cashewnut	4318	4587	4473	4624	3308	3479	3569	3605	4298	3971	4160
17. Tapioca	55714	56918	56464	52286	50183	48114	53844	59228	72735	65385	62937
18. Sweet Potatoes	488	351	318	466	572	965	275	527	382	252	79
19. Other Vegetables	1404	2084	2563	2722	2142	1906	2182	2257	1018	670	1016
20. Other Food Crops	10430	9409	9817	10404	10630	10900	11174	12045	12105	11674	14783
Total Food Crops	132556	133606	133013	132524	129172	128161	134510	142782	158101	149946	148904
<b>NON-FOOD CROPS</b>											
1. Groundnut	..	639	596	639	639	640	640	627	596	..	..
2. Castor	3	11	16	24	28	16	16	16	7	39	9
3. Sesamum	263	40	40	40	40	38	35	35	35	35	33
4. Coconut	55926	55039	55326	55815	56864	58711	61150	61762	70401	73885	76137
5. Cotton	..	113	113	..	..	..	..	..	..	..	..
6. Tobacco	..	..	..	..	..	..	..	..	..	..	..
7. Tea	1175	1130	1099	1056	1045	905	1041	1053	1069	1075	1076
8. Coffee	..	..	..	..	..	3	3	3	3	3	3
9. Rubber	2592	3715	4147	4336	4693	4844	4844	5245	5851	6328	6821
10. Other non-food Crops	2528	2317	3392	3673	3605	3904	3905	4027	4687	3919	2938
Total non-food crops	62487	63004	64729	65583	66914	69061	71634	72768	82649	85284	87017
Total area sown under all Crops	195043	196610	197742	198107	196086	197222	206144	215550	240750	235230	235921

NA: Not Available

TABLE 1.10--(Contd.)

## Area under Principal Crops

## (3) QUILON DISTRICT

(Area in Hectares)

Crops	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>FOOD CROPS</b>											
1. Rice	46967	46143	44989	49691	49605	49469	49637	50057	50378	51785	51834
2. Jowar	605	395	403	403	411	419	432	441	450	459	459
3. Ragi	2	..	..	..	..	..	..	..	..	..	..
4. Other Cereals & Millets	7047	6809	6870	6915	6981	6892	6973	7138	7252	7371	7454
5. Pulses	807	850	911	919	937	968	980	980	951	932	904
6. Sugarcane	5432	5279	5229	4742	4753	4764	4764	4764	4764	4764	5783
7. Pepper	36	..	..	..	..	..	..	..	..	..	..
8. Chillies	35	153	153	157	159	158	163	165	167	169	176
9. Ginger	173	16	22	22	22	22	22	..	..	..	..
10. Turmeric	..	..	..	..	..	..	..	..	..	..	..
11. Cardmom	3314	3839	4127	5482	6290	6619	7415	7563	7828	8571	8342
12. Arecanut	9344	11286	11379	11527	12299	12017	11908	11193	12827	11031	9928
13. Mangoes	NA	..	..	..	..	..	..	..	..	..	..
14. Citrus Fruits	2604	3226	3523	5128	5240	5741	6372	6435	6150	5694	5508
15. Banana & Other Plantains	6837	8913	5265	9303	10445	10449	10467	11514	10958	10512	10285
16. Cashewnut	56932	58050	55773	55773	54841	53089	57599	63359	94165	100889	101813
17. Tapioca	251	45	26	24	87	618	790	304	428	252	328
18. Sweet Potatoes	3820	3539	3549	4202	4345	5143	5979	5138	7467	8214	7332
19. Other Vegetables	11502	12613	16715	12596	14483	13553	14051	13486	11553	10449	9980
20. Other food crops	..	..	..	..	..	..	..	..	..	..	..
Total food Crops	155708	161156	158934	166884	170898	169971	177552	182537	215338	221142	220185
<b>NON-FOOD CROPS</b>											
1. Groundnut	4	9	8	55	55	23	23	23	20	1	34
2. Castor	2625	3008	3008	3065	3155	3187	3220	3330	3417	3588	3538
3. Sesamum	56221	64713	64865	70261	70431	73455	74019	77718	80052	85000	91732
4. Coconut	..	299	300	..	..	..	..	..	..	..	..
5. Cotton	..	..	..	..	..	..	..	..	..	..	..
6. Tobacco	..	..	..	..	..	..	..	..	..	..	..
7. Tea	3355	3024	2964	2964	2802	2846	2863	2366	3192	2903	2753
8. Coffee	233	238	237	234	237	127	127	127	127	127	267
9. Rubber	18397	21534	22769	23035	24755	24920	25672	26487	28069	29320	30653
10. Other non-food crops	1284	3133	4606	4545	4668	4182	4046	3974	3424	3580	2848
Total non-food crops	82119	95958	98757	104159	106103	108740	109970	114645	118301	124419	131877
Total area sown under all crops	237827	257114	257691	271043	277001	278711	287522	297182	333639	345561	532063

## (4) ALLEPPEY DISTRICT

## FOOD CROPS

1. Rice	63380	79389	76125	82302	82320	81911	81603	81087	81708	86713	85240
2. Jowar	60	42	41	41	41	41	55	52	51	50	50
3. Ragi	2	..	57	57	58	58	..	..	..	..	..
4. Other Cereals & Millets	1136	1097	1083	1080	1078	1058	1044	1038	1033	1028	1028
5. Pulses	5000	5463	5463	5544	5643	5645	5250	4725	4158	4075	4075
6. Sugarcane	1780	1752	1631	1403	1341	1275	1275	1275	1275	1275	1504
7. Pepper	..	..	..	..	..	..	..	..	..	..	..
8. Chillies	17	61	61	61	60	60	60	60	60	60	60
9. Ginger	75	17	28	29	28	28	28	27	27	27	28
10. Turmeric	..	..	..	..	..	..	..	..	..	..	..
11. Cardamom	2125	2293	2572	2799	3314	3312	3510	3859	3773	3787	4248
12. Arecanut	4798	5069	5059	5008	5229	5083	4925	5185	5475	5256	4573
13. Mangoes	..	..	..	..	..	..	..	..	..	..	..
14. Citrus Fruits	1680	3080	3160	3067	2612	2870	3121	2759	3074	3341	3268
15. Banana & other plantains	2332	2952	2978	2978	2566	2750	2809	3004	3211	3261	3500
16. Cashewnut	24309	28217	27981	29939	26590	24060	23035	22262	25113	22901	24903
17. Tapioca	52	18	76	23	48	221	83	3	62	67	112
18. Sweet potatoes	1989	2410	2510	2319	2787	3325	2599	5726	5396	4321	3473
19. Other vegetables	5346	6664	7209	7477	8079	7776	7782	7782	7729	8541	9859
20. Other food crops	..	..	..	..	..	..	..	..	..	..	..
Total food crops	114081	138524	136033	144127	141794	139473	137178	138844	142145	144803	144574



TABLE 1.10 (Contd.)

## Area under Principal Crops

(Area in Hectares)

## (4) ALLEPPY DISTRICT

Crops	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>Non Food Crops</b>											
1 Groundnut	..	..	..	..	..	..	..	..	..	..	..
2 Castor	..	2	10	12	25	25	34	34	34	2	40
3 Sesamum	..	12470	4095	4096	4020	4021	4021	3940	3940	2994	3683
4 Coconut	..	68242	75829	77064	68425	69059	70784	75599	77595	79675	81557
5 Cotton	..	..	117	117	..	..	..	..	..	..	..
6 Tobacco	..	..	..	..	..	..	..	..	..	..	..
7 Tea	..	..	..	..	..	..	..	..	..	..	..
8 Coffee	..	..	..	..	..	..	..	..	..	..	..
9 Rubber	..	1401	1960	2320	2500	2715	2737	2736	2827	3103	3446
10 Other non food crops	..	868	1367	1719	2363	2593	2732	2795	2900	2094	1959
<b>Total non Food Crops</b>	..	82983	83378	85328	77333	78413	80308	85104	87296	87868	91591
<b>Total area sown under all Crops</b>	..	197064	221902	221361	221460	220207	219781	222282	226140	230013	235875

## (5) KOTTAYAM DISTRICT

<b>Food Crops</b>												
1 Rice	..	46367	39965	38706	40775	40691	40775	40530	39732	41008	49886	5008
2 Jowar	..	..	..	..	..	..	..	..	..	..	..	..
3 Ragi	..	1	47	47	47	47	47	47	47	47	47	47
4 Other Cereals & Millets	..	8	..	955	955	955	945	945	917	825	825	742
5 Pulses	..	742	723	718	749	762	776	776	761	746	699	662
6 Sugarcane	..	1473	1445	1461	1477	1489	1497	1440	1440	1238	1127	1048
7 Pepper	..	13059	14079	14176	13915	14081	14305	14448	14448	14448	14448	17028
8 Chillies	..	55	..	..	..	..	..	..	..	..	..	..
9 Ginger	..	2970	3641	3667	3671	3665	3667	3667	3667	3667	3447	3585
10 Turmeric	..	1779	1315	1263	1250	1252	1250	1238	1238	1238	1177	1141
11 Cardamom	..	24889	24324	24324	23324	24324	24324	24324	42666	42666	42666	42666
12 Arecanut	..	3494	4529	4554	4778	4715	4804	4854	4855	5039	5470	5299
13 Mangoes	..	7888	8324	8464	8667	8935	8390	7861	8411	6561	7020	6809
14 Citrus fruits	..	..	..	..	..	..	..	..	..	..	..	..
15 Banana & other plantains	..	2179	2921	2929	4031	4386	4747	4914	5147	5120	5743	6046
16 Cashewnut	..	1768	2251	2253	2293	2162	1388	1503	1488	1717	1516	1490
17 Tapioca	..	32066	44231	44171	41412	39263	41413	43815	42833	32526	37838	37107
18 Sweet potatoes	..	198	122	119	93	120	255	354	342	943	1077	413
19 Other Vegetables	..	2408	4598	5260	4939	5090	5984	6016	4040	8852	8459	8443
20 Other food crops	..	10940	13718	13614	14108	15698	14892	14543	14864	15013	13502	11477
<b>Total food Crops</b>	..	152284	166233	166681	167484	167635	169459	171275	186896	181654	194947	196037
<b>Non Food Crops</b>												
1 Groundnut	..	..	..	..	..	..	..	..	..	..	..	..
2 Castor	..	6	66	75	85	85	119	119	103	89	46	76
3 Sesamum	..	45	142	132	121	110	110	105	105	105	95	70
4 Coconut	..	57305	58795	58944	63705	64698	67065	71618	70009	70865	78272	75705
5 Cotton	..	..	453	453	57	55	..	..	..	..	..	..
6 Tobacco	..	..	..	..	..	..	..	..	..	..	..	..
7 Tea	..	28246	26894	27366	28453	28442	28934	28957	28827	28332	30723	27797
8 Coffee	..	1582	1709	1798	1872	1991	1951	1991	2039	2041	2085	2131
9 Rubber	..	39111	43136	44764	44959	46670	46943	46958	48319	40877	51411	54281
10 Other non food Crops	..	12721	13259	13383	13515	13342	13270	13690	14559	20677	15573	16376
11 Total non food crops	..	139016	144454	146915	152767	155393	158392	163438	163961	172987	179205	17643
<b>Total area sown under all Crops</b>	..	291300	310687	313596	320251	323028	327851	334713	350857	354641	374152	372473

TABLE 1.10 (Contd.)  
Area under Principal Crops

(Area in Hectares)

## (6) ERNAKULAM DISTRICT

Crops	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>FOOD CROPS</b>											
1 Rice	74407	77894	74150	83584	83560	83040	83460	84172	85987	93994	93691
2 Jowar	91	403	53	53	54	54	54	54	52	51	43
3 Ragi	392	362	356	340	339	339	339	339	315	309	309
4 Other Cereals & Millets	2121	2036	2015	1981	1966	1967	1941	1941	1908	1908	1908
5 Pulses	466	449	449	457	457	460	460	455	437	428	407
6 Sugarcane	6608	6829	7021	6808	6807	6807	6807	6807	6807	6807	8271
7 Pepper						1163	1128	1128	1128	1072	1083
8 Chillies						380	380	380	380	372	372
9 Ginger	1611	1167	1161	1157	1157	380	380	380	380	1042	1042
10 Turmeric	701	241	380	1042	1042	1042	1042	1042	1042	9682	9172
11 Cardamom	1183	1042	1042	1042	1042	5043	6305	8070	9200	9682	9172
12 Arecanut	3879	4073	4614	4587	4803	8984	9415	8661	7968	7171	6454
13 Mangoes	7633	6729	7227	7640	8022						
14 Citrus fruit	N.A.					2650	2950	3038	3356	3832	4039
15 Banana & Other Plantains	2091	2258	1601	2044	2203	7497	7617	7922	7516	7432	7685
16 Cashewnut	7183	6508	7108	6702	6955	11381	13568	16105	23072	15181	15552
17 Tapioca	16517	17732	15481	13010	13680	434	175	130	165	208	189
18 Sweet potatoes	277	736	736	736	893	2144	1368	3156	2697	2054	2383
19 Other Vegetables	1817	2355	1972	1774	1934	11810	11620	10980	11342	10837	9967
20 Other food Crops	10477	8999	10266	10119	13149						
Total food Crops	137454	139813	135632	142414	147401	145195	148629	154380	163372	162430	162567
<b>Non Food CROPS</b>											
1 Groundnut	6	1	15	28	13	13	13	12	27	17	104
2 Castor	1160	991	983	975	971	956	955	945	917	899	899
3 Sesamum	40765	44172	44890	44951	46403	46966	51740	59132	59273	62784	63758
4 Coconut		283	300								
5 Cotton											
6 Tobacco					184	181	120	127	128	141	187
7 Tea	142	135	7158	158	244	246	245	246	252	261	262
8 Coffee	65	70	80	160	244	246	245	246	252	261	262
9 Rubber	12963	15889	17668	18525	19438	19684	21423	22102	24584	25383	26644
10 Other non food Crops	21086	20836	18569	19976	23104	13736	23911	24677	24197	25383	26644
Total non food Crops	76187	82377	82663	84773	90357	91782	98407	107241	109378	112153	117994
Total area Sown	213641	222190	218295	217187	237758	236977	247036	261621	272750	274583	280561

## (7) TRICHUR DISTRICT

<b>FOOD CROPS</b>											
1 Rice	98919	102197	93435	108218	108493	107586	108807	108844	108967	114371	113311
2 Jowar	1212	1237	1238	1238	1236	1237	1212	1212	1212	1212	1212
3 Ragi	144	103									
4 Other Cereals & Millets	9104	8964	8929	8903	8903	8902	8902	8902	7947	7947	7947
5 Pulses											
6 Sugarcane	545	692	692	728	738	738	738	738	745	745	745
7 Pepper											
8 Chillies	69	80	81	80	76	76	76	76	76	76	76
9 Ginger	93	41	58	58	59	59					
10 Turmeric											
11 Cardamom	3935	4141	4545	7427	7510	7865	8407	8995	9850	10539	12266
12 Arecanut	4229	4911	5122	5327	4794	4641	4901	5097	5403	5673	5049
13 Mangoes	NA										
14 Citrus fruits	2954	2810	2676	3065	3204	3659	4107	3621	5396	5722	6643
15 Banana & other plantains	8918	8883	8387	9320	8026	7996	7859	8252	7478	7917	7600
16 Cashewnut	6405	7632	7578	5240	4636	5107	4137	7243	10278	7287	7439
17 Tapioca	140	85	100	117	200	672	314	17	162	162	71
18 Sweet potatoes	1234	1540	1555	1161	1144	2667	2612	938	1680	1286	1743
19 Other vegetables	6557	5968	5484	5862	5015	5257	5108	4926	5445	5891	6438
20 Other food crops											
Total food crops	144458	149284	139880	156744	154034	156462	157180	158861	164639	168828	170540

TABLE 1.10 (Contd.)

## Area under Principal Crops

## TRICHUR DISTRICT

(Area in Hectares)

Crops	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>Non-food Crops</b>											
1. Groundnut	..	..	..	..	..	..	..	..	..	..	..
2. Castor	2	6	8	50	50	12	12	12	12	5	1
3. Sesamum	661	1163	1161	1161	1161	1161	1160	1160	1160	1160	1160
4. Coconut	33092	35977	37020	34673	35497	36835	37236	40958	41148	48916	50451
5. Cotton	..	465	465	105	79	243	98	49	49	49	49
6. Tobacco	..	..	..	..	..	..	..	..	..	..	..
7. Tea	421	402	301	401	401	420	420	453	459	466	466
8. Coffee	..	..	..	..	..	..	..	..	..	..	..
9. Rubber	4661	6260	6867	6897	7387	7564	7624	7680	7853	8076	8214
10. Other non-food crops	3892	3285	3392	4003	3847	4834	4822	4877	4699	3079	5514
Total non-food crops	42729	47558	49214	47290	48422	51069	51372	55189	55368	61751	65865
Total area sown	187187	196842	189094	204034	202456	207531	208552	214050	220007	230579	236405

## (8) PALGHAT DISTRICT

## Food Crops

1. Rice	188508	192108	191204	194439	194862	194666	195121	194826	196968	211352	211326
2. Jowar	1533	1392	1340	1340	1340	1285	1235	1235	1235	1235	1519
3. Ragi	869	924	919	921	921	921	903	903	876	832	832
4. Other cereals & millets	4074	4083	4079	4079	4079	4079	4079	4079	4079	4079	4283
5. Pulses	13358	13138	13129	13127	12934	12786	12509	12509	12542	12498	12498
6. Sugarcane	597	563	563	559	583	607	730	840	916	998	1018
7. Pepper	3386	3422	3420	3480	3480	3480	3480	3480	3480	3480	3480
8. Chillies	859	955	955	951	922	923	830	830	830	830	830
9. Ginger	1874	1932	1926	1926	1926	1928	1870	1814	1814	1814	1814
10. Turmeric	1593	1542	1546	1546	1329	1329	1329	1329	1329	1329	1329
11. Cardamom	1034	1789	1847	1847	1847	1847	1847	1847	1847	1847	1847
12. Arecanut	7536	5367	5832	4341	8960	4342	4823	7151	7030	6598	6790
13. Mangoes	3264	4527	4877	4891	5081	5041	4653	4653	5793	5561	5895
14. Citrus fruits	12	..	..	..	..	..	..	..	..	..	..
15. Banana & other plantains	8552	8566	7743	11505	8556	8903	8797	7734	8243	7655	7288
16. Cashewnut	1912	3250	3433	6642	7283	8012	8028	8349	9067	9074	9528
17. Tapioca	3344	3351	3311	2394	2648	6276	6476	7124	10757	22111	20628
18. Sweet Potatoes	1060	905	1049	1240	1335	1817	2174	5362	4224	4224	3928
19. Other vegetables	5271	4792	5044	4994	4520	4639	3648	3672	4839	3705	3694
20. Other food crops	9483	9516	9719	8993	9158	8996	9008	9977	10731	10657	11311
Total food crops	258119	262022	261936	269215	266764	271877	271540	277714	286600	309879	309838

## Non-food Crops

1. Groundnut	13679	15391	15390	15391	13873	13883	14575	13118	13118	13118	13118
2. Castor	53	84	119	97	92	92	92	92	21	2	70
3. Sesamum	1101	1598	1598	1598	1599	1599	1600	1600	1600	1600	1568
4. Coconut	4677	18488	18765	20335	20929	21589	22903	25650	27658	32911	34063
5. Cotton	8644	7682	7544	7418	7602	7703	6818	6475	6475	6151	6151
6. Tobacco	..	..	..	..	..	..	..	..	..	..	..
7. Tea	1298	590	570	570	570	570	570	572	577	597	606
8. Coffee	2887	1948	2035	2021	2055	2369	3285	3330	3351	3547	3713
9. Rubber	3498	5064	5900	6320	4977	7296	7384	7490	7972	8190	8637
10. Other non-food crops	5005	5679	4651	6161	5975	6127	9457	9698	11651	7635	11353
Total non-food crops	40842	56524	56572	59911	57672	61228	66685	68025	72423	73751	79279
Total area sown	298961	318546	318508	329126	324436	333105	338225	345739	359023	383630	389111

TABLE 1.10 (Contd.)

## Area under Principal Crops

(Area in Hectares)

## (9) KOZHIKODE DISTRICT

Crops	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>FOOD CROPS</b>											
1 Rice	111927	108115	105250	111242	111042	109844	1110193	108806	111294	125155	130384
2 Jowar	57	45	45	45	34	1539	1524	1524	1524	1463	1551
3 Ragi	1183	1570	1550	1554	1554	1249	1249	1249	1249	1249	1249
4 Other Cereals & Millets	1222	1246	1246	1247	1247	4434	5484	5589	5621	5621	5693
5 Pulses	5763	5622	5079	5526	5484	28	28	28	28	28	28
6 Sugarcane	29	28	28	28	28	15989	15989	15989	15989	15989	19411
7 Pepper	12688	16064	16078	16071	15989	672	565	655	662	662	662
8 Chillies	682	676	676	672	672	4443	4400	4400	4400	4312	4269
9 Ginger	2574	4401	4427	4439	4439	1236	1236	1236	1236	1236	1236
10 Turmeric	1032	1220	1237	1237	1236	1079	1079	1079	1079	1079	1079
11 Cardamom	721	1065	1079	1079	1079	12004	12607	14389	17029	19065	19395
12 Arecanut	15787	18030	18226	11409	11364	7246	6978	7187	7151	7551	8231
13 Mangoes	8663	7656	7801	8012	7612	96	96	96	96	96	96
14 Citrus fruits	422	96	96	96	96	6647	6694	6188	5800	6646	7670
15 Banana & other plantains	8055	9026	8705	5393	6647	6694	6188	5800	14150	14472	15577
16 Cashewnut	4724	10401	10721	12013	12274	13238	13873	20537	22214	16247	17342
17 Tapioca	12425	18994	18410	14056	12208	12208	19687	20537	735	741	314
18 Sweet potatoes	1551	1344	1244	1244	1245	1841	1455	539	2701	2372	2210
19 Other vegetables	3989	2228	2404	2356	1934	1935	1643	8953	10410	10338	9762
20 Other food crops	8078	3465	7798	7534	8965	8370	8799	8953	10410	10338	9762
Total food crops	201512	216192	212100	205253	205149	205187	213045	216803	224508	239423	247938
<b>NON-FOOD CROPS</b>											
1 Groundnut	..	..	3	5	8	40	40	74	107	3	..
2 Castor	..	..	..	..	..	625	625	625	625	625	513
3 Sesamum	1547	620	620	625	625	113642	118332	120698	131078	132345	138599
4 Coconut	101531	99341	99484	114360	113877	749	243	101	101	99	99
5 Cotton	16	243	125	150	226	3988	3987	4310	4021	4015	4018
6 Tobacco	27	..	..	..	..	3988	3987	4310	4021	4015	4018
7 Tea	3784	3966	3504	3503	3524	14852	15306	16335	17253	18073	18726
8 Coffee	10700	11513	12902	13150	13706	20190	20159	20294	20909	21591	22239
9 Rubber	12328	14927	16340	18898	19833	12641	12659	15002	13577	13545	13545
10 Other non-food crops	7061	10596	12601	12299	11731	12022	12641	12659	15002	13577	13545
Total non-food crops	136994	141206	145579	162988	163530	166108	171333	175096	189096	190328	197739
Total area sown	338506	357498	357679	368241	368679	371295	284378	391899	413604	429751	445677

## 10 CANNANORE DISTRICT

<b>FOOD CROPS</b>											
1 Rice	99016	95698	92434	83895	95738	95228	94244	92878	93651	97653	98653
2 Jowar	37	36	36	35	36	36	925	925	925	925	944
3 Ragi	899	932	931	931	930	925	50	50	50	50	50
4 Other Cereals & Millets	61	62	49	50	50	50	3030	3030	3005	3021	3049
5 Pulses	3198	3070	3068	3062	3061	3063	333	333	333	333	333
6 Sugarcane	357	348	348	348	348	333	333	333	333	333	333
7 Pepper	39310	43204	42914	43665	43766	43765	43765	43765	43765	42890	51590
8 Chillies	1717	1688	1692	1700	1700	1699	1700	1700	1700	1700	1700
9 Ginger	87	468	468	476	477	478	483	483	483	473	459
10 Turmeric	138	220	231	231	231	231	231	233	233	233	233
11 Arecanut	6456	8495	8581	10393	10665	11115	12087	11230	11090	12524	13351
12 Cardamom	364	387	392	392	392	392	392	392	392	392	392
13 Mangoes	5350	5264	5266	5365	5532	5532	5238	4871	4998	4948	5294
14 Citrus Fruit	210	1863	1863	1863	1863	1863	1863	1863	1863	1863	1863
15 Banana & Other Plantains	9959	10378	10577	6576	8196	7692	8488	7876	7968	7864	7610
16 Cashewnut	6045	6574	6364	28254	29353	31115	31642	32275	32275	36709	38150
17 Tapioca	6253	7081	7511	7511	5861	7723	7523	5956	6786	8822	8759
18 Sweet potatoes	4442	4426	4416	4416	4416	3371	2591	1393	1696	895	617
19 Other vegetables	1203	1469	1593	1446	1450	1398	2607	1026	2020	7638	11182
20 Other food crops	5853	6505	6619	6624	7607	7147	7225	7726	9202	7638	11182
Total food crops	190955	198158	195353	217233	221673	223156	224417	218005	226433	229458	243621



TABLE 1.11—(Contd.)

## Production of Important Crops

Crops	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
<b>FOOD CROPS</b>									
1 Rice	1003.93	1093.21	1128.00	1121.38	997.49	1084.06	1123.90	1251.35	1226.41
2 Jowar	0.62	0.62	0.59	0.56	0.45	0.45	0.45	0.45	0.55
3 Ragi	7.62	7.62	7.55	7.46	7.08	7.11	7.05	7.06	7.55
4 Other cereals & millets	3.35	3.35	3.24	3.13	3.12	3.11	3.06	3.05	3.52
5 Pulses	17.16	17.26	17.13	17.06	16.90	17.07	16.74	16.76	15.96
6 Sugarcane (gur)	37.71	41.70	44.09	44.03	40.95	54.90	49.97	50.30	50.13
7 Pepper	26.98	24.47	22.42	22.23	21.69	21.41	21.06	20.44	24.40
8 Chillies	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2.12	2.07	2.33
9 Ginger (dry)	11.37	11.43	11.29	11.33	11.19	11.05	11.12	10.84	12.00
10 Turmeric	4.34	4.32	3.91	3.91	3.77	3.76	3.73	3.65	3.58
11 Cardamom	1.28	1.28	1.28	1.61	1.61*	1.61	1.61	1.06	1.07
12 Betelnut (million nuts)	8091.00	8312.00	8522.00	8945.00	9681.00	10683.0	11473.00	12289.00	12661.00
13 Banana & other plantains	317.34	327.33	325.81	341.39	361.12	344.90	374.28	*390.48	404.94
14 Cashewnut	-85.80	92.04	92.31	96.46	98.03	101.61	106.58	107.73	111.03
15 Tapioca	1644.60	1539.97	2523.97	2763.20	3095.66	3409.67	4198.36	4081.12	4665.76
<b>NON-FOOD CROPS</b>									
1 Groundnut	13.75	13.53	20.77	21.84	25.22	23.60	24.68	24.03	19.35
2 Sesamum	2.58	2.58	2.60	2.40	2.37	2.40	2.63	3.96	3.84
3 Coconut (million nut)	3247.00	3305.00	3262.00	3273.00	3293.00	3425.00	3593.00	3834.00	3956.00
4 Cotton	1.96	1.34	1.43	1.77	1.25	1.16	1.16	1.00	0.91
5 Tobacco	0.93	0.91	0.92	0.92	0.91	0.92	0.90	0.91	0.84
6 Tea	38.03	38.77	41.04	42.08	42.08*	44.13	43.19	44.78	40.20
7 Coffee	8.28	8.48	8.57	9.68	9.88	10.51	11.46	11.98	12.47
8 Rubber	24.98	29.06	33.79	40.07	46.95	50.50	59.98	66.47	76.90
9 Lemongrass oil						1.60	1.60	1.60	1.60

## 2. TRIVANDRUM DISTRICT

Crops	Units	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<b>FOOD CROPS</b>												
1 Rice	Tonnes	54354	57259	53810	56242	56537	52964	53178	50752	56841	56692	56938
2 Jowar	"	107	20	20	20	20						
3 Ragi	"											
4 Other cereals & millets	"	1063	1015	1074	1065	1000	1017	1005	1000	995	949	949
5 Pulses	"											
6 Sugarcane	"	3455	3638	3506	3249	3963	3157	3157	3094	3069	3067	3721
7 Pepper	"											
8 Chillies	"	45	89	89	89	71	72					
9 Ginger	"	468	48	70	70							
10 Turmeric	"											
11 Cardamom	"											
12 Arecanut	(Million nuts)	457	512	526	614	613	681	695	796	809	769	749
13 Banana & other plantains	Tonnes	18452	15879	12979	14653	15849	17026	21461	24061	26249	30865	35514
14 Tapioca	"	393400	395505	392340	363323	642560	691802	758662	823269	1042293	747351	825210
15 Cashewnut	"	6778	7147	6971	5184	3707	3903	4005	4045	4822	4455	4668
<b>NON-FOOD CROPS</b>												
1 Groundnut	Tonnes		85	13	13	13	13	15	15	15	15	16
2 Sesamum	"											
3 Coconut	(Million Nuts)		370	354	356	342	340	324	376	380	483	454
4 Cotton	(Bales of 180 Kg. each)			150	150							
5 Tobacco	Tonnes		556	1021	1039	988	1128	1011	1006	1002	1140	997
6 Tea	"							2	2	2	2	2
7 Coffee	"		737	573	621	732	835	1022	1293	1430	1724	2079
8 Rubber	"							1	1	1	1	1
9 Lemongrass oil	"											

Table 1.11—(Contd.)

## Production of Important Crops

## 3. QUILON DISTRICT

Crops	Unit	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<b>FOOD CROPS</b>												
1 Rice	Tonnes	65835	69210	67507	70676	69277	63374	62571	67674	75786	80489	67321
2 Jowar	"											
3 Ragi	"	609	370	381	381	388	410	430	456	479	508	517
4 Other Cereals & millets	"	1										
5 Pulses	"	2780	2582	2636	2690	2689	2739	2824	2995	3146	3287	2648
6 Sugarcane	"	3377	3486	3700	3735	3815	4008	4090	5743	5459	5243	5585
7 Pepper	"	2449	2215	2084	2112	2019	2025	2005	1925	1848	1811	2199
8 Chillies	"											
9 Ginger	"	45	227	227	232	234	237	246	248	253	256	267
10 Turmeric	"	155	14	19	19	20	20	20				
11 Cardamom	"											
12 Arecanut	(Million Nuts)	512	547	588	824	945	1333	1493	1523	1576	1726	1680
13 Banana & Other Plantains	Tonnes											
14 Cashewnut	"	18792	22867	26203	38346	39203	43101	48018	48477	46404	42955	41471
15 Tapioca	"	10730	13890	14513	10420	11700	11780	11744	12912	12295	11794	11540
		402031	403368	387549	387549	605803	626450	695220	949118	1292385	1450784	1652425
<b>Non-Food Crops</b>												
1 Groundnut	Tonnes											
2 Sesamun	"	864	842	841	848	874	874	900	1010	960	1048	1360
3 Coconut	Million Nuts	424	416	417	431	422	436	418	438	451	479	517
4 Cotton	Bales of 180 Kgs. each		400	400								
5 Tobacco	Tonnes											
6 Tea	"	2113	2242	1837	1767	2545	2289	2146	2924	3251	2043	1976
7 Coffee	"	2	6	6	6	6	3	3	3	16	16	34
8 Rubber	"	5148	5470	6105	6513	7352	8530	9274	9798	12397	12146	14447
9 Lemongrass oil	"						3	3	3	3	3	3

## 4. ALLEPPEY DISTRICT

## FOOD CROPS

1 Rice	Tonnes	73861	120341	115480	114915	112131	118117	92600	108728	121486	128874	132542
2 Jowar	"											
3 Ragi	"	60	39	38	39	38	39					
4 Other cereals and millets	"	1		24	24	25	24	21	19	19	19	19
5 Pulses	"	448	399	383	382	375	360	352	342	335	325	221
6 Sugarcane	"	20910	23273	22581	26482	28642	28354	25050	27972	23384	23375	23375
7 Pepper	"	803	732	518	440	408	370	355	305	305	290	342
8 Chillies	"											
9 Ginger	"	21	83	83	82	82	83	83	83	83	83	83
10 Turmeric	"	67	15	25	25	25	25	25	24	24	24	24
11 Cardamom	"											
12 Arecanut	"	448.00	5907									
13 Banana & other plantains	(Million Nuts)	328	327	367	421	498	516	546	601	587	590	661
14 Cashewnut	Tonnes	12087	22640	23204	23099	19645	21652	23590	20854	23261	25353	24726
15 Tapioca	"	3659	4601	4641	3338	2877	3086	3151	3370	3603	3659	3983
		171610	196070	194417	208048	233639	350314	349211	230857	328980	287408	574271

## NON-FOOD CROPS

1 Groundnut	Tonnes	4111	356	354	340	340	231	255	180	510	1039	840
2 Sesamun	"											
3 Coconut	(Million Nuts)	503	488	496	419	413	514	505	518	532	545	551
4 Cotton	(Bales of 180 Kg)		160	160								
5 Tobacco	Tonnes											
6 Tea	"											
7 Coffee	"											
8 Rubber	"	392	181	170	210	294	384	445	528	805	936	1567
9 Lemongrass oil	"						1	1	1	1	1	1

TABLE 1.11 (Contd.)  
Production of Important Crops

## (5) KOTTAYAM DISTRICT

Crops	Unit	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
<b>FOOD CROPS</b>													
1	Rice	Tonnes	58621	64040	59022	59228	58893	55061	37741	53848	49781	79064	72867
2	Jowar	do.	..	..	..	..	..	..	..	..	..	..	..
3	Ragi	do.	1	44	44	44	44	44	44	44	44	44	44
4	Other Cereals & Millets	do.	5	475	469	456	439	435	422	380	380	380	342
5	Pulses	do.	293	283	277	306	316	337	337	324	319	293	198
6	Sugarcane	do.	5127	5508	5611	5664	5720	5760	5365	10353	8904	8103	7539
7	Pepper	do.	5488	5508	4970	4726	4464	4451	4496	4496	4496	4361	5139
8	Chillies	do.	..	..	..	..	..	..	..	..	..	..	..
9	Ginger	do.	3262	3168	3262	3262	3229	3229	3229	3229	3229	3157	4245
10	Turmeric	do.	1595	1180	1130	1108	1087	1087	1065	1065	1043	992	982
11	Cardamom	do.	1114	1088	1089	1088	1088	1362	1362	1362	1362	817	817
12	Areacanut	(Million Nuts)	374	646	650	718	709	482	487	487	506	549	532
13	Banana & Other plantains	Tonnes	15387	21420	21439	30309	30897	36629	36083	38764	38668	43296	45646
14	Cashewnut	do.	2774	3508	3573	2570	3424	1557	1686	1670	1926	1701	1672
15	Tapioca	do.	226448	307360	306946	287708	621016	727628	755809	732873	597503	692057	689819
<b>NON FOOD CROPS</b>													
1	Groundnut	Tonnes	..	..	..	..	..	..	..	..	..	..	..
2	Sesamum	do.	14	45	41	38	33	33	30	30	32	30	28
3	Coconut (Million Nuts)	do.	339	378	379	390	387	341	346	338	342	378	336
4	Cotton (Bales of 180 kg. each)	..	..	590	590	20	20	..	..	..	..	..	..
5	Tobacco	Tonnes	..	..	..	..	..	..	..	..	..	..	..
6	Tea	do.	22163	29573	28203	29021	29262	29996	27495	30585	30200	32405	28716
7	Coffee	do.	430	464	488	514	536	527	538	551	948	963	984
8	Rubber	do.	7718	7410	8590	9521	11086	13427	15226	16870	19473	21296	23973
9	Lemongrass oil	do.	..	..	..	..	..	107	107	107	107	107	107

## (9) ERNAKULAM DISTRICT

Crops	Unit	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	
<b>FOOD CROPS</b>													
1	Rice	Tonnes	83210	106828	96450	107058	110162	100456	93383	102840	113631	126382	109211
2	Jowar	do.	..	..	..	..	..	..	..	..	..	..	..
3	Ragi	do.	91	377	50	55	52	52	52	55	53	52	27
4	Other cereals & millets	do.	197	178	190	152	151	151	151	151	145	138	138
5	Pulses	do.	836	783	765	741	733	734	724	737	718	742	593
6	Sugarcane	do.	1687	1717	1717	1716	1707	1708	1690	2785	2674	2621	2492
7	Pepper	do.	2825	2805	2896	2029	2030	2025	2025	2025	1985	1886	2291
8	Chillies	do.	..	..	..	..	..	..	..	..	..	..	..
9	Ginger	do.	1789	1236	1230	1230	1230	1239	1177	1177	1177	1118	1149
10	Turmeric	do.	630	215	341	340	341	340	340	340	340	333	276
11	Cardamom	do.	53	48	48	48	48	58	58	58	58	52	61
12	Areacanut	Million Nuts	549	581	658	689	722	609	762	975	1112	1170	1108
13	Banana & other plantains	Tonnes	14934	16264	11565	15362	16576	19954	22248	22943	25355	28917	30559
14	Cashewnut	do.	11266	10142	11077	7513	7797	8412	8546	8888	8433	8395	8623
15	Tapioca	do.	116630	123220	107546	90407	202624	134296	155218	119500	299706	208891	197666
<b>NON FOOD CROPS</b>													
1	Groundnut	do.	..	..	..	..	..	..	..	..	..	..	..
2	Sesamum	do.	385	281	286	290	290	280	280	275	275	333	377
3	Coconut	do.	294	284	289	275	278	283	303	347	348	368	374
4	Cotton	Bales of 180kg	..	410	430	..	..	..	..	..	..	..	..
5	Tobacco	Tonnes	..	..	..	..	..	..	..	..	..	..	..
6	Tea	do.	105	70	68	55	82	46	82	77	128	145	187
7	Coffee	do.	31	33	39	40	57	57	57	57	59	61	61
8	Rubber	do.	2866	2589	2415	2950	3476	4366	5193	5661	6375	8176	9442
9	Lemon grass oil	do.	..	..	..	..	..	783	783	783	783	783	783



Table 1.11—(Contd.)

## Production of Important Crops

## (7) TRICHUR DISTRICT

Crops	Unit	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<b>FOOD CROPS</b>												
1 Rice	Tonnes	123140	126110	103600	141175	147471	142170	122425	137323	145177	144811	146417
2 Jowar	do.	..	..	..	..	..	..	..	..	..	..	..
3 Ragi	do.	1385	1410	1412	1413	1409	1415	1387	1387	1387	1387	1387
4 Other Cereals & Millets	do.	72	51	..	..	..	..	..	..	..	..	..
5 Pulses	do.	3592	3429	3406	3390	3391	3394	3394	3394	3019	3019	2972
6 Sugarcane	do.	..	..	..	..	..	..	..	..	..	..	..
7 Pepper	do.	234	295	310	318	323	323	323	326	326	326	326
8 Chillies	do.	..	..	..	..	..	..	..	..	..	..	..
9 Ginger	do.	89	145	145	145	126	126	126	126	126	126	65
10 Turmeric	do.	83	37	52	52	51	51	51	..	..	..	..
11 Cardamom	do.	..	..	..	..	..	..	..	..	..	..	..
12 Arecanut	(Million nuts)	524	591	649	116	1129	1170	1251	1338	1465	1568	1825
13 Banana & other plantains	Tonnes	..	..	..	..	..	..	..	..	..	..	..
14 Cashewnut	do.	21710	20317	19506	27707	24202	27620	30982	27205	40751	43184	50249
15 Tapioca	do.	13990	13844	13071	10440	8994	8972	8818	9259	8390	8883	8527
	do.	45214	53030	52637	36412	40726	35902	46789	82136	116964	107775	86962
<b>NON FOOD CROPS</b>												
1 Groundnut	do.	..	..	..	..	..	..	..	..	..	..	..
2 Sesamum	do.	220	327	326	326	325	325	325	325	265	817	587
3 Coconut	Million nuts	220	231	238	213	212	222	235	259	260	309	319
4 Cotton	Bales of 180 kgs.	..	640	640	35	50	465	78	78	78	78	78
5 Tobacco	Tonnes	..	..	..	..	..	..	..	..	..	..	..
6 Tea	do.	494	683	669	669	720	726	737	883	818	837	871
7 Coffee	do.	..	..	..	..	..	..	..	..	..	..	..
8 Rubber	do.	1350	2394	2508	2991	3345	3380	3935	3921	4444	4601	5037
9 Lemongrass oil	do.	..	..	..	..	..	43	43	43	43	43	43

## (8) PALGHAT DISTRICT

<b>FOOD CROPS:</b>												
1 Rice	Tonnes	266602	305906	295500	298555	332742	343940	320120	340978	333603	373422	374453
2 Jowar	do.	691	600	583	580	564	538	450	450	450	450	554
3 Ragi	do.	1352	1444	1433	1433	1364	1376	1280	1280	1192	1110	1439
4 Other Cereals & millets	do.	2027	2026	2020	2063	1961	1871	1871	1871	1871	1871	2373
5 Pulses	do.	5270	5399	5280	5272	5153	5052	4851	4851	4817	4751	4828
6 Sugarcane	do.	2435	2368	2368	2367	2469	2751	3300	6031	7494	8904	9082
7 Pepper	do.	681	691	686	532	518	502	487	497	502	517	517
8 Chillies	do.	..	..	..	..	..	..	..	..	..	445	440
9 Ginger	do.	1677	1690	1687	1687	1687	1693	1685	1585	1601	1601	1740
10 Turmeric	do.	1429	1383	1384	1387	1001	1000	1000	1000	1000	980	980
11 Cardamom	do.	47	79	82	82	82	104	104	104	104	104	114
12 Arecanut	million nuts	1015	751	831	653	595	548	609	903	888	833	857
13 Banana & other plantains	Tonnes	..	..	..	..	..	..	..	..	..	..	..
14 Cashewnut	do.	63482	63691	58360	87610	65072	67787	67014	58915	62784	58341	55553
15 Tapioca	Tones	2998	5065	5350	7445	8160	8989	9007	9367	10173	10181	10690
	do.	23572	23285	23009	16637	24597	78764	67027	92825	73822	288991	252280
<b>NON FOOD CROPS:</b>												
1 Groundnut	do.	11159	13110	13120	12852	20089	21170	24450	22885	24029	24029	19349
2 Sesamum	do.	297	436	434	434	432	353	270	270	280	462	400
3 Coconut	Million Nuts	..	..	..	..	..	..	..	..	..	..	..
4 Cotton	Bales of 180 kg.	32	119	121	125	125	99	90	101	108	129	133
5 Tobacco	Tonnes	..	..	..	..	..	..	..	..	..	..	..
6 Tea	do.	508	709	731	706	667	726	684	830	845	942	955
7 Coffee	do.	1309	1650	1724	1734	1710	1947	1947	1974	1986	2102	2200
8 Rubber	do.	612	811	787	904	1086	1275	1923	2039	2425	3049	4218
9 Lemongrass oil	do.	..	..	..	..	..	11	11	11	11	11	11

Table 1.11—Contd.  
Production of Important Crops

## (9) KOZHIKODE DISTRICT

1962-63, 63-64, 64-65, 65-66, 66-67, 67-68, 68-69, 69-70

Crops	Unit	1957-58	1960-61	1961-62	1961-62	1962-63	1963-64	1963-64	1964-65	1966-67	1967-68	196970
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(1)	(13)
<b>FOOD CROPS</b>												
1 Rice	Tonnes	105563	116705	118501	140077	121698	123469	107877	111381	113909	134915	130353
2 Jowar	do.	30	20	20	20	10	2550	2320	2320	2320	2406	2550
3 Ragi	do.	2058	2688	2630	2637	2637	2550	2320	2320	2320	2406	2550
4 Other Cereals and												
Millets	do.	610	628	620	620	620	620	620	620	620	620	620
Pulses	do.	2250	2488	2241	2385	2362	2344	2341	2355	2379	2353	2354
5 Sugarcane	do.	141	132	132	132	132	2516	2390	2294	2156	2178	2644
6 Pepper	do.	2561	3242	3191	2649	2622	2516	2390	2294	2156	2178	416
7 Chillies	do.	—	—	—	—	—	—	—	—	—	—	—
8 Ginger	do.	2307	4227	4238	4299	4299	4315	4238	4196	4238	4112	4073
9 Turmeric	do.	926	1098	1108	1103	1108	1108	1108	1108	1108	1108	1108
10 Cardamom	do.	32	48	48	48	48	60	60	60	60	60	60
11 Arecanut (Million Nuts)	do.	2126	2571	2599	1715	1708	2216	2327	2656	3143	3519	3580
12 Banana & other												
plantains	Tonnes	59289	67550	56350	40632	50313	50441	46633	43976	50363	57944	64623
13 Cashewnuts	do.	7419	16210	16707	13460	13750	14853	15566	15876	16238	17477	18526
14 Tapioca	do.	87787	131960	127934	97675	101102	150158	201595	289572	275898	207962	279900
<b>NON-FOOD CROPS</b>												
1 Groundnut	Tonnes	—	—	—	—	—	—	—	—	—	—	—
2 Sesamum	do.	417	171	171	173	173	173	175	175	181	124	133
3 Coconut	(Million nuts)	702	639	640	701	682	772	738	753	818	826	865
4 Cotton	(Bales of 180 kgs.)	10	510	270	114	190	1383	190	136	139	139	139
5 Tobacco	Tonnes	34	—	—	—	—	—	—	—	—	—	—
6 Tea	do.	7498	4920	4416	4392	5407	6205	5913	6478	5200	5927	5357
7 Coffee	do.	5065	4613	5175	5334	5403	6061	6243	6662	7036	7370	7637
8 Rubber	do.	2159	2340	3452	4662	5431	6617	7850	8287	9421	9815	10120
9 Lemongrass oil	do.	—	—	—	—	—	341	341	341	341	341	341

## (10) CANNANORE DISTRICT

Crops	Unit	1957-58	1960-61	1961-62	1961-62	1962-63	1963-64	1963-64	1964-65	1966-67	1967-68	196970
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(1)	(13)
<b>FOOD CROPS</b>												
1 Rice	Tonnes	94284	101132	93994	105285	119090	121832	107594	110538	113673	126705	136311
2 Jowar	do.	20	20	20	20	20	20	23	23	23	23	23
3 Ragi	do.	1565	1616	1616	1595	1595	1571	1571	1571	1571	1555	1633
4 Other Cereals and												
Millets	do.	26	23	24	23	24	23	23	23	23	23	23
Pulses	do.	1261	1114	1111	1098	1095	1096	1078	1078	1061	1063	1139
5 Sugarcane	do.	1727	1606	1606	1605	1605	1453	1453	2018	2058	2058	2058
6 Pepper	do.	7947	7907	8821	8412	6977	6859	6447	6447	6383	6005	7223
7 Chillies	do.	—	—	—	—	—	—	—	—	—	—	—
8 Ginger	do.	113	405	406	407	407	406	406	410	410	386	375
9 Turmeric	do.	124	197	207	207	208	208	208	210	210	210	210
10 Cardamom	do.	16	17	17	17	17	22	22	22	22	22	22
11 Arecanut (Million Nuts)	do.	869	1211	1223	1562	1603	1390	1511	1404	1387	1565	1669
12 Banana & other												
plantains	Tonnes	74078	77220	78730	49592	62000	58176	64191	59641	60447	59624	57597
13 Cashewnut	do.	9490	10224	9900	31670	32900	34911	35502	26213	40698	41187	42804
14 Tapioca	do.	44198	49200	52172	52192	51500	67885	66127	89518	111901	89896	109225
<b>NON-FOOD CROPS</b>												
1 Groundnut	Tonnes	—	—	—	—	—	—	—	—	—	—	—
2 Sesamum	do.	130	115	114	115	117	117	115	120	108	90	99
3 Coconut	(Million Nuts)	315	311	311	409	403	403	282	291	301	346	363
4 Cotton	(Bales of 180 kgs)	—	—	—	—	—	—	—	—	—	—	—
5 Tobacco	Tonnes	666	1006	930	906	920	920	911	920	902	911	838
6 Tea	do.	1287	1155	1069	1176	1233	1076	1091	1351	1607	1489	1177
7 Coffee	do.	377	643	846	855	858	1088	1088	1264	1416	1474	1552
8 Rubber	do.	862	1064	334	580	885	1265	1814	2261	2914	4375	4680
9 Lemongrass oil	do.	—	—	—	—	—	312	312	312	312	312	312

TABLE 1.12  
Average yield of important crops (Kg./Hect)

## I. KERALA

Items		1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>FOOD CROPS</b>										
1	Rice	973	986	1072	1164	1164	1207	1242	1350	1371
2	Jowar	406	527	421	446	449	457	431	435	436
3	Ragi	1209	1298	1335	1323	1367	1440	1450	1458	1438
4	Other cereals & millets	..	..	..	..	..	..	..	..	..
5	Pulses	392	393	392	392	338	394	398	397	398
6	Sugarcane (gur)	4535	4631	5058	4659	4621	4055	4041	4081	4165
7	Pepper	287	291	317	321	314	291	281	276	271
8	Ginger	723	1077	1058	1063	1073	1008	873	902	938
9	Turmeric	1121	1121	1121	1121	897	897	897	897	897
10	Cardamom	48	44	44	45	45	45	45	45	45
11	Areca nut (No. of nuts)	74130	98840	98840	111195	134670	135875	135507	135589	142601
12	Bananas & other plantains	6731	6731	6731	6737	7350	7335	7351	7380	7381
13	Cashewnut	1547	1681	1565	1569	1569	1569	1569	1558	1558
14	Tapioca	7398	7061	7061	7061	6949	7061	6949	6949	6949
<b>NON FOOD CROPS</b>										
1	Groundnut	1261	1274	1370	1096	1190	816	1107	998	861
2	Sesamum	319	325	325	321	326	321	296	248	214
3	Cocoanut (No. of nuts)	6919	6919	6919	6919	6919	6832	6832	6430	6430
4	Cotton	195	195	195	193	196	196	176	175	192
5	Tobacco	NA	NA	NA	1225	1406	1338	1331	1386	1355
6	Tea	671	671	762	762	871	870	1073	1073	1073
7	Coffee	406	406	406	372	434	434	436	442	442
8	Rubber	308	323	327	327	219	219	205	205	187
<b>FOOD CROPS</b>										
Items		1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)		(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
<b>FOOD CROPS</b>										
1	Rice	1334	1362	1401	1401	1243	1356	1388	1432	1403
2	Jowar	437	437	418	422	364	363	363	364	365
3	Ragi	1462	1463	1446	1440	1390	1391	1385	1415	1498
4	Cereals & millets	..	..	..	..	..	..	..	465	526
5	Pulses	394	392	392	391	390	392	393	393	377
6	Sugarcane (gur)	4088	4469	4648	4630	4454	6258	6221	6373	6439
7	Pepper	270	247	225	223	218	215	211	207	207
8	Ginger	944	947	944	947	945	937	943	949	1041
9	Turmeric	894	894	847	846	844	843	838	834	825
10	Cardamom	45	45	56	56	56	34	34	22	23
11	Areca nut (No. of nuts)	142598	150317	150310	150360	150360	149976	150873	151376	151303
12	Bananas & other plantains	7436	7551	7553	7553	7558	7665	7573	7569	7570
13	Cashewnut	1558	1122	1122	1122	1122	1122	1122	1122	1122
14	Tapioca	6949	6949	12022	13198	13478	13937	14105	13759	15785
<b>NON-FOOD CROPS</b>										
1	Groundnut	861	844	1431	1504	1658	1717	1799	1832	1475
2	Sesamum	216	216	217	200	198	199	236	330	325
3	Cocoanut (No. of nuts)	6130	5985	5864	5864	5616	5618	5625	5588	5589
4	Cotton	192	174	179	192	174	175	175	159	145
5	Tobacco	1322	1306	1306	1305	1293	1292	1292	1360	1345
6	Tea	1017	1006	1068	1069	992	1109	1099	1088	1050
7	Coffee	440	443	428	446	418	418	433	433	432
8	Rubber	187	211	236	273	314	329	368	394	439

TABLE 1.12—(contd.)

Average yield of important crops

(Kg./Hectares)

Crops		1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>2. TRIVANDRUM—DISTRICT.</b>												
<b>FOOD CROPS</b>												
1	Rice	1458	1531	1478	1460	1458	1372	1373	1300	1436	1419	1444
2	Jowar	..	..	..	..	..	..	..	..	..	..	..
3	Ragi	1000	909	909	909	909	..	..	..	..	..	..
4	Other cereals & Millets	500	..	..	..	..	..	..	..	..	..	..
5	Pulses	395	403	404	379	379	377	377	377	368	368	389
6	Sugarcane	..	..	..	..	..	..	..	..	..	..	..
7	Pepper	426	431	404	385	364	375	375	367	363	363	364
8	Ginger	1324	881	881	881	..	..	..	..	..	..	..
9	Turmeric	897	889	886	886	899	899	..	..	..	..	..
10	Cardamom	..	..	..	..	..	..	..	..	..	..	..
11	Arecanut (Nos.)	143666	142618	142547	150306	150429	155338	155481	155499	155427	155479	155491
12	Bananas & Other Plantains	7413	7353	7368	7536	7554	7557	7551	7569	7575	7589	7584
13	Cashewnut	1570	1558	1558	1121	1121	1122	1122	1122	1122	1122	1122
14	Tapioca	7063	6950	6950	6950	12807	12300	14090	13900	14330	11430	13080
<b>NON FOOD CROPS</b>												
1	Groundnut	..	1081	1079	1066	1066	1044	1203	1142	1084	..	..
2	Sesamum	323	325	325	325	325	342	429	429	429	514	485
3	Coconuts (Nos.)	6616	6432	6435	6127	5979	5519	6149	6153	6150	6145	6147
4	Cottons	..	239	239	..	..	..	..	..	..	..	..
5	Tobacco	..	..	..	..	..	..	..	..	..	..	..
6	Tea	473	904	945	936	1079	1117	966	952	1066	924	893
7	Coffee	..	..	..	..	..	..	..	..	..	..	..
8	Rubber	284	154	150	169	178	211	267	273	295	328	500
<b>3. QUILON—DISTRICT:</b>												
<b>FOOD CROPS</b>												
1	Rice	1402	1500	1503	1423	1397	1281	1261	1352	1504	1554	1298
2	Jowar	..	..	..	..	..	..	..	..	..	..	..
3	Ragi	1007	937	945	945	944	979	995	1034	1064	..	1126
4	Other cereals and Millets	500	..	..	..	..	..	..	..	..	..	..
5	Pulses	394	379	384	389	385	397	405	420	434	446	355
6	Sugarcane	4185	4101	4060	4065	4073	4140	4173	5860	5740	5626	6178
7	Pepper	451	420	399	445	425	425	421	404	388	380	380
8	Ginger	1286	1484	1484	1478	1472	1500	1509	1503	1515	1515	1517
9	Turmeric	896	875	864	864	909	909	909	..	..	..	..
10	Cardamom	..	..	..	..	..	..	..	..	..	..	..
11	Arecanut (Nos.)	154496	142485	142476	150310	150238	201390	201349	201375	201329	201377	201391
12	Bananas and Other Plantains	7194	7090	7439	7479	7501	7408	7536	7533	7545	7544	7529
13	Cashewnut	1570	1558	2757	1121	1121	1122	1122	1122	1122	1122	1122
14	Tapioca	7063	6950	6950	6950	11049	11800	12070	14930	13730	14330	16230
<b>NON-FOOD CROPS</b>												
1	Groundnut	..	..	..	..	..	..	..	..	..	..	..
2	Sesamum	329	280	280	277	277	274	280	301	281	292	379
3	Coconut (Nos.)	7542	6428	6429	6134	5992	5936	5647	5636	5634	5635	5636
4	Cotton	..	241	240	..	..	..	..	..	..	..	..
5	Tobacco	..	..	..	..	..	..	..	..	..	..	..
6	Tea	630	742	620	596	908	804	750	986	1018	729	717
7	Coffee	9	25	25	26	25	24	24	24	126	126	127
8	Rubber	280	254	268	283	297	334	361	369	442	414	472

TABLE 1.12—(Contd.)

Crops		1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>4. ALLEPPEY—DISTRICT:</b>												
FOOD CROPS												
1	Rice	1166	1516	1518	1397	1363	1442	1135	1341	1487	1486	1555
2	Jowar	..	..	..	..	..	..	..	..	..	..	..
3	Ragi	1000	929	927	951	951	951	..	..	..	..	..
4	Other cereals and Millets	500	..	421	421	431	414	382	365	373	380	380
5	Pulses	394	364	354	354	348	340	337	329	324	316	405
6	Sugarcane	4182	4262	4133	4778	5077	5023	4771	5920	5624	5736	5736
7	Pepper	451	418	318	314	304	290	278	239	239	227	227
8	Ginger	1235	1361	1361	1344	1367	1383	1383	1383	1383	1383	1383
9	Turmeric	893	882	893	862	929	893	893	889	889	889	857
10	Cardamom	..	..	..	..	..	..	..	..	..	..	..
11	Arecanut (Nos.)	154353	142608	142691	150411	150272	155797	155556	155740	155579	155796	155603
12	Bananas & Other Plantains	7196	7352	7345	7534	7521	7544	7558	7559	7567	7588	7566
13	Cashewnut	1569	1559	1558	1121	1121	1122	1122	1122	1122	1122	1122
14	Tapioca	7061	6950	6950	6951	8789	14560	15160	10370	13100	12550	23920
NON-FOOD CROPS												
1	Groundnut	..	..	..	..	..	..	..	..	..	..	..
2	Sesamum	330	87	86	85	85	57	65	46	170	282	228
3	Coconut (Nos.)	7371	6436	6436	6123	5980	7262	6680	6676	6677	6682	6681
4	Cotton	..	246	246	..	..	..	..	..	..	..	..
5	Tobacco	..	..	..	..	..	..	..	..	..	..	..
6	Tea	..	..	..	..	..	..	..	..	..	..	..
7	Coffee	..	..	..	..	..	..	..	..	..	..	..
8	Rubber	280	92	73	84	108	140	163	187	259	291	455
<b>5. KOTTAYAM—DISTRICT:</b>												
FOOD CROPS												
1	Rice	1265	1603	1525	1453	1448	1350	931	1355	1214	1585	1455
2	Jowar	..	..	..	..	..	..	..	..	..	..	..
3	Ragi	1000	936	936	936	936	936	936	936	936	863	..
4	Other Cereals & Millets	625	..	498	491	477	465	460	460	461	461	461
5	Pulses	395	391	386	409	415	434	434	426	428	426	299
6	Sugarcane	3481	3812	3840	3836	3843	3848	3726	7190	7192	7190	7194
7	Pepper	420	391	351	340	317	311	311	311	311	302	302
8	Ginger	1098	871	890	889	881	881	881	881	881	916	1184
9	Turmeric	897	897	895	886	868	870	860	860	842	843	861
10	Cardamom	45	45	45	45	45	56	56	32	32	19	19
11	Arecanut (Nos.)	107041	142636	142732	150272	150371	100333	100330	100309	100417	100366	100396
12	Banana & Other Plantains	7063	7335	7321	7520	7500	7506	7526	7531	7552	7539	7550
13	Cashewnut	1569	1558	1586	1121	1121	1122	1122	1122	1122	1122	1122
14	Tapioca	7064	6950	6950	6950	15821	17570	17250	17110	18370	18290	18590
NON-FOOD CROPS												
1	Groundnut	..	..	..	..	..	..	..	..	..	..	..
2	Sesamum	311	317	311	314	300	300	286	286	305	316	400
3	Coconut (Nos.)	5916	6429	6430	6122	5982	5085	4831	4828	4826	4829	4835
4	Cotton	..	234	234	63	65	..	..	..	..	..	..
5	Tobacco	..	..	..	..	..	..	..	..	..	..	..
6	Tea	785	1100	1131	1020	1029	1037	950	1061	1066	1055	1033
7	Coffee	272	272	271	275	269	270	270	270	462	462	462
8	Rubber	197	172	192	212	238	286	324	349	383	406	442

TABLE 1.12—(Contd.)  
Average yield of important crops

(Kg./Hectare)

Crops	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
<b>6. ERNAKULAM DISTRICT:</b>												
<b>FOOD CROPS</b>												
1	Rice	1119	1372	1301	1281	1319	1210	1119	1222	1321	1345	1166
2	Jowar	...	...	...	...	...	...	...	...	...	...	...
3	Ragi	1000	935	943	1038	963	963	963	1019	1019	1020	628
4	Other Cereals & Millets	503	492	534	447	445	445	445	380	376	447	447
5	Pulses	394	385	380	374	373	373	373	380	376	373	311
6	Sugarcane	3620	3824	3824	3755	3735	3713	3674	6121	6119	6124	6123
7	Pepper	428	411	412	298	298	297	297	297	292	277	277
8	Ginger	1110	1059	1059	1063	1063	1065	1043	1043	1043	1043	1061
9	Turmeric	899	892	897	895	897	895	895	895	895	895	742
10	Cardamom	45	46	446	46	46	56	56	56	56	50	59
11	Arecanut (Nos.)	141531	142647	142609	150207	150323	120761	120856	120818	120870	120843	120802
12	Bananas & other Plantains	7143	7304	7225	7517	7524	7530	7542	7552	7555	7546	7566
13	Cashewnut	1569	1558	1558	1121	1121	1122	1122	1122	1122	1122	1122
14	Tapioca	7063	6950	6950	6950	14816	11800	11440	7420	12730	13760	12710
<b>NON-FOOD CROPS</b>												
1	Groundnut	...	...	...	...	...	...	...	291	300	370	419
2	Sesamum	332	284	292	297	299	293	293	5868	5871	5861	5866
3	Coconut (Nos.)	7212	6429	6438	6118	5991	6026	5856	...	...	...	...
4	Cotton	...	261	258	...	...	...	...	...	...	...	...
5	Tobacco	...	...	...	...	...	254	683	606	1000	1028	1000
6	Tea	739	519	430	348	446	232	233	232	234	234	233
7	Coffee	477	471	488	250	234	232	233	256	259	322	361
8	Rubber	221	163	137	159	179	222	242	256	259	322	361
<b>7. TRICHUR DISTRICT:</b>												
<b>FOOD CROPS</b>												
1	Rice	1245	1234	1109	1305	1360	1321	1125	1262	1332	1266	1292
2	Jowar	...	...	...	...	...	...	...	...	...	...	...
3	Ragi	1143	1140	1141	1141	1140	1144	1144	1144	1144	1144	1144
4	Other Cereals & Millets	500	...	...	...	...	...	...	...	...	...	...
5	Pulses	395	383	381	381	381	381	381	381	380	380	374
6	Sugarcane	...	...	...	...	...	...	...	...	...	...	...
7	Pepper	429	426	448	437	438	438	438	438	438	438	438
8	Ginger	1290	1813	1790	1813	1658	1658	1658	1658	1658	1658	855
9	Turmeric	892	902	897	897	864	864	...	...	...	...	...
10	Cardamom	...	...	...	...	...	...	...	...	...	...	...
11	Arecanut (Nos.)	133164	142719	142794	150263	150333	148760	148805	148749	148751	148781	148785
12	Bananas & other Plantains	7351	7232	7291	9041	7554	7551	1444	7530	7552	7547	7564
13	Cashewnut	1569	1558	1558	1121	1121	1122	1122	1122	1122	1122	1122
14	Tapioca	7061	6951	6950	6951	8789	7030	1310	11340	11380	14790	11690
<b>NON-FOOD CROPS</b>												
1	Groundnut	...	...	...	...	...	...	...	...	...	...	...
2	Sesamum	333	281	281	281	280	280	280	280	228	704	506
3	Coconut (Nos.)	6648	6421	6429	6143	5972	6027	6311	6324	6319	6317	6323
4	Cotton	...	248	248	60	114	344	174	287	287	286	287
5	Tobacco	...	...	...	...	...	...	...	...	...	...	...
6	Tea	1173	1701	2223	1668	1796	1729	1755	1949	1782	1796	1869
7	Coffee	...	...	...	...	...	...	...	...	...	...	...
8	Rubber	290	383	365	434	453	447	516	511	566	570	613

TABLE 1.12—(Contd.)

## Average yield of important crops

(Kg./Hectare)

Crops	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)

## 8. PALGHAT DISTRICT:

## FOOD CROPS

1	Rice	1415	1593	1546	1536	1708	1767	1641	1750	1694	1767	1772
2	Jowar	451	431	437	433	421	419	364	364	364	364	365
3	Ragi	1556	1563	1559	1556	1481	1494	1417	1417	1361	1334	1730
4	Other Cereals & Millets	498	496	496	506	481	459	459	459	459	459	554
5	Pulses	395	411	402	402	398	395	388	388	384	380	386
6	Sugarcane	4079	4206	4206	4236	4237	4532	4521	7180	8181	8922	8921
7	Pepper	201	202	201	153	149	144	140	143	144	149	149
8	Ginger	895	875	876	876	876	778	901	874	883	883	959
9	Turmeric	897	897	895	896	753	752	752	752	752	737	737
10	Cardamom	45	44	44	44	44	56	56	56	56	56	62
11	Areca nut (Nos.)	134753	142586	142490	150426	150253	126209	126270	126276	126316	126250	126215
12	Bananas & other Plantains	7425	7437	7539	7617	7610	7614	7618	7618	7617	7621	7623
13	Cashewnut	1568	1558	1558	1121	1121	1121	1122	1122	1122	1122	1122
14	Tapioca	7051	6950	6951	6951	9291	12550	10350	13029	12850	13070	12230

## NON-FOOD CROPS

1	Groundnut	816	852	852	836	1149	1525	1678	1745	1832	1832	1476
2	Sesamum	270	273	272	272	270	221	169	169	175	289	256
3	Coconut (Nos.)	6842	6437	6448	6147	5973	4586	3930	3938	3905	3920	3905
4	Cotton	200	176	178	179	184	187	175	174	174	156	142
5	Tobacco	..	..	..	..	..	..	..	..	..	..	..
6	Tea	391	1202	1282	1239	1170	1274	1200	1451	1464	1578	1576
7	Coffee	453	848	847	858	832	822	593	593	593	593	593
8	Rubber	176	160	133	143	218	175	260	272	304	372	488

## 9. KOZHIKODE DISTRICT:

## FOOD CROPS

1	Rice	943	1080	1126	1250	1096	1124	979	1024	1023	1053	1000
2	Jowar	526	444	444	444	294	..	..	..	..	..	..
3	Ragi	1735	1712	1698	1697	1697	1657	1522	1522	1522	1645	1644
4	Other Cereals & Millets	499	504	498	497	497	496	496	496	496	496	496
5	Pulses	395	443	441	432	431	427	427	421	423	419	413
6	Sugarcane	4852	4714	4714	4714	4714	..	..	..	..	..	..
7	Pepper	202	202	198	165	164	157	149	143	135	136	136
8	Ginger	806	958	957	968	968	971	963	954	963	954	954
9	Turmeric	897	896	896	896	896	896	896	896	896	896	897
10	Cardamom	44	45	44	44	44	56	56	56	56	56	56
11	Areca nut (Nos.)	134668	142596	142598	150320	150299	184605	184580	184585	184861	184579	184584
12	Banana & Other Plantains	7362	7486	7510	7541	7569	7535	7536	7582	7678	7555	7565
13	Cashewnut	1570	1559	1558	1121	1121	1122	1122	1122	1122	1122	1122
14	Tapioca	7067	6950	6951	6950	8287	2300	10240	14100	12420	12800	16140

## NON-FOOD CROPS

1	Groundnut	..	..	..	..	..	..	..	..	..	..	..
2	Sesamum	270	276	276	278	277	277	280	280	294	198	259
3	Coconut (Nos.)	6914	6432	6433	6130	5989	6793	6237	6239	6241	6241	6241
4	Cotton	113	180	389	137	151	332	141	242	248	233	253
5	Tobacco	1259	..	..	..	..	..	..	..	..	..	..
6	Tea	1982	1241	1260	1254	1534	1556	1483	1503	1293	1476	1333
7	Coffee	474	401	401	406	394	408	408	408	408	408	408
8	Rubber	175	170	211	247	274	328	389	408	451	455	455

TABLE 1.12--(Contd.)

Average yield of important crops

(Kg/Hectare)

Crops	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
<b>CANNANORE DISTRICT:</b>												
<b>FOOD CROPS</b>												
1	Rice	952	1057	1017	1122	1244	1279	1142	1190	1214	1298	1382
2	Jowar	541	556	556	671	556	556	..	..	..	..	..
3	Ragi	1741	1734	1736	1713	1716	1698	1698	1698	1698	1681	1730
4	Other cereals & Millets	426	442	490	460	480	460	460	460	460	460	460
5	Pulses	394	363	362	359	358	358	356	356	350	352	374
6	Sugarcane	4838	4615	4615	4612	4602	4363	4363	6060	6180	6180	6180
7	Pepper	202	183	206	193	159	157	147	147	146	140	140
8	Ginger	1299	865	868	855	853	849	841	849	725	816	817
9	Turmeric	899	895	896	896	900	900	900	901	901	901	901
10	Cardamom	44	44	43	43	43	56	56	56	56	56	56
11	Areca nut (Nos.)	134603	142554	142524	150293	150305	125056	125010	125022	125068	124960	125009
12	Bananas & other Plantains	7440	7443	7445	7543	7565	7563	7563	7572	7592	7582	7569
13	Cashewnut	1570	1558	1559	1121	1121	1122	1122	1122	1122	1122	1122
14	Tapioca	7070	6950	6950	6950	8789	8790	8790	15030	16490	10190	12470
<b>NON-FOOD CROPS</b>												
1	Groundnut	..	..	..	..	..	..	371	387	348	290	319
2	Sesamum	269	267	368	371	379	377	371	387	387	3828	3824
3	Coconut (Nos.)	6920	6424	6416	6128	5994	4103	3825	3826	3831	3828	3824
4	Tobacco	1343	1354	1323	1286	1307	1305	1292	1292	1292	1360	1345
5	Cotton	..	239	239	..	..	..	..	..	..	..	..
6	Tea	860	775	738	812	857	712	722	906	1068	1113	847
7	Coffee	321	487	484	493	480	411	411	411	412	412	412
8	Rubber	175	103	27	47	71	99	141	175	212	212	317



TABLE 1.13

## Rice—Area Production and Yield

Year *	District	Area in hectares				Production in tonnes				Yield in Kg/Hectare			
		Autumn	Winter	Summer	Total	Autumn	Winter	Summer	Total	Autumn	Winter	Summer	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1960-61	Trivandrum	18889	18528	..	37417	26199	31061	..	57260	1387	1676	..	1531
	Quilon	19894	26049	199	46142	24990	43960	260	69210	1256	1687	1316	1500
	Alleppey	24104	18186	40098	79388	28743	21894	69704	120341	1192	1441	1738	1516
	Kottayam	5522	17903	16534	39964	6834	31404	25802	64040	1237	1753	1560	1603
	Ernakulam	37603	34887	5402	77892	46342	54016	6480	106838	1232	1548	1199	1372
	Trichur	35356	58481	8358	102195	40800	74644	10668	126112	1154	1276	1276	1234
	Palghat	120378	68895	2833	192106	191605	110639	3663	305907	1591	1607	1292	1593
	Kozhikode	66481	40418	1214	108113	63225	51623	1856	116704	951	1277	1528	1080
	Cannanore	67905	26676	1115	95696	71610	28471	1052	101133	1054	1067	943	1057
	STATE	396132	307028	75753	778913	500348	447712	119485	1067545	1263	1458	1577	1371
1961-62	Trivandrum	17965	18716	..	36411	23497	30313	..	53810	1327	1619	..	1478
	Quilon	17486	27082	420	44988	19450	47537	620	67607	1112	1755	1490	1503
	Alleppey	19257	17091	39776	76124	22100	26520	66860	1154480	1147	1551	1681	1518
	Kottayam	5244	18273	15188	38705	6147	27340	25536	59022	1172	1496	1681	1526
	Ernakulam	33644	35449	5355	74148	35531	52716	8203	96450	1065	1487	1531	1301
	Trichur	25788	59058	8587	93433	27044	63056	13503	103603	1048	1067	1572	1109
	Palghat	119225	69144	2833	191212	159581	132415	3505	295510	1338	1915	1237	1546
	Kozhikode	63319	40716	1214	105249	61323	55230	1953	118506	968	1356	1608	1126
	Cannanore	64601	26716	1115	92432	65789	26969	1237	93995	1018	1009	1109	1017
	STATE	365959	312245	74488	752692	420461	462096	121417	1003974	1148	1479	1630	1334
1962-63	Trivandrum	18664	19866	..	38530	26555	29687	..	56242	1423	1494	..	1460
	Quilon	21240	27715	735	49690	23136	46397	1143	70676	1089	1674	1555	1423
	Alleppey	22099	17931	42272	82302	27074	22908	64934	114916	1225	1278	1536	1397
	Kottayam	6662	19760	14352	40774	8507	28970	21750	59227	1277	1466	1515	1453
	Ernakulam	41841	36222	5519	83582	50672	49421	7172	107058	1211	1359	1299	1281
	Trichur	38933	60472	8811	108216	48014	78422	14740	141176	1233	1297	1672	1305
	Palghat	116057	75546	2834	194437	160522	134571	3473	298566	1383	1781	1225	1536
	Kozhikode	66179	43848	1214	111241	80288	58086	1704	140078	1213	1325	1403	1260
	Cannanore	64737	27910	1246	93893	70195	33631	1459	105285	1084	1205	1171	1122
	STATE	396412	329270	76983	802665	494963	481886	116375	1093224	1249	1464	1512	1362
1963-64	Trivandrum	18965	19823	..	38788	24649	31888	..	56537	1300	1609	..	1458
	Quilon	21210	27635	759	49604	22236	45937	1054	69277	1048	1664	1388	1397
	Alleppey	22144	17908	42283	82319	22473	24144	65514	112131	1015	1349	1573	1363
	Kottayam	6689	19649	14352	40690	8908	26869	23116	58893	1332	1367	1610	1448
	Ernakulam	42056	35982	5521	83559	51947	50027	8188	110162	1235	1391	1483	1319
	Trichur	39109	60672	8800	108491	48227	85016	14223	147471	1236	1401	1616	1360
	Palghat	115563	76431	2866	194860	186105	143646	3991	332742	1602	1880	1393	1708
	Kozhikode	65869	43933	1238	111050	63689	56310	1199	121698	967	1293	968	1096
	Cannanore	66548	27981	1209	95738	83048	34721	1323	119092	1248	1241	1094	1244
	STATE	398063	330008	77018	805089	510282	499108	118613	1128003	1282	1513	1540	1401
1964-65	Trivandrum	18790	19812	..	38602	20790	32174	..	52964	1106	1624	..	1372
	Quilon	21144	27479	846	49469	17736	44531	1107	63374	839	1620	1308	1281
	Alleppey	22028	17644	42239	81911	21144	24376	72097	118711	960	1410	1707	1442
	Kottayam	7059	19364	14352	40775	7273	27523	20265	55061	1030	1421	1411	1350
	Ernakulam	41328	36318	5394	83040	43835	50326	6206	100456	1061	1385	1150	1210
	Trichur	37912	60672	9002	107586	44929	85767	11474	142170	1185	1413	1274	1321
	Palghat	115543	76325	2798	194666	189475	151139	3326	343940	1640	1980	1188	1767
	Kozhikode	64964	43761	1119	109844	63020	59276	1173	123469	970	1354	1048	1124
	Cannanore	66421	27635	1172	95228	86614	33943	1275	111832	1304	1228	1087	1279
	STATE	395189	329010	76922	801121	494816	509555	117012	1121383	1252	1548	1521	1401
1965-66	Trivandrum	18955	19769	..	38734	28330	24848	..	53178	1494	1257	..	1373
	Quilon	21317	27479	841	49637	26774	34828	996	62571	1255	1267	1184	1261
	Alleppey	21991	17537	42075	81603	27336	18354	46910	92600	1243	1065	1114	1135
	Kottayam	6849	19364	14317	40530	7650	16973	13118	37741	1117	876	916	931
	Ernakulam	42110	36033	5317	83460	44418	41663	7302	93383	1055	1156	1373	1119
	Trichur	38927	61076	8804	108807	38722	72490	11213	122425	995	1186	1273	1125
	Palghat	115563	76760	2798	195121	204162	112109	3849	320120	1767	1460	1375	1641
	Kozhikode	65869	43222	1102	110193	62990	43503	1394	107877	956	1006	1255	979
	Cannanore	66421	26639	1184	94244	81495	25077	1022	107594	1227	941	863	1142
	STATE	398012	327879	76438	802329	521850	389845	85794	99789	1311	1188	1122	1241

\*Year Ending 30th June

TABLE 1.13—(Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1966-67	Trivandrum	19002	19769	265	39036	23247	27291	214	50752	1223	1380	807	1300
	Quilon	21321	27910	826	50057	24710	42034	930	67674	1158	1506	1125	1352
	Alleppey	21797	13356	41954	81087	20322	19989	67917	108728	955	1153	1618	1341
	Kottayam	6796	18654	14982	39732	8113	25272	20463	53848	1193	1354	1432	1355
	Ernakulam	41262	36346	5964	84172	44111	50526	8203	102840	1054	1390	1375	1222
	Trichur	38341	61234	8769	108844	45932	79821	11570	137323	1182	1303	1319	1262
	Palghat	115262	76760	2798	194826	191297	146604	3077	340978	1659	1909	1099	1750
	Kozhikode	64636	43040	1124	108806	60770	49409	1202	111381	940	1147	1069	1024
	Cannanore	65560	26125	1193	92878	79158	31168	1212	110538	1207	1154	1015	1190
	STATE	395083	327180	77175	799438	498160	471114	114788	1084062	1261	1439	1487	1356
	1967-68	Trivandrum	18966	19769	848	39583	24683	31269	889	56841	1301	1581	1048
Quilon		21448	27862	1068	50378	29215	45089	1482	75786	1362	1618	1387	1504
Alleppey		22876	17103	41729	81708	25310	20563	75613	121486	1106	1202	1812	1487
Kottayam		8051	18654	14303	41008	9796	21854	18141	49791	1216	1171	1268	1214
Ernakulam		42161	36615	7311	85987	54566	49197	9868	113631	1294	1347	1349	1321
Trichur		38841	61139	8987	108967	44572	85224	15381	145177	1147	1893	1711	1332
Palghat		116581	76913	4374	196968	193046	134617	5940	333603	1668	1750	1358	1694
Kozhikode		65029	42949	3316	111294	58846	51092	4171	113909	902	1189	1257	1023
Cannanore		65940	26505	1206	*93651	81189	31196	1288	113673	1231	1176	1067	1214
STATE		398993	327409	83142	809544	521023	470101	132773	1123897	1305	1435	1596	1388
1968-69		Trivandrum	18834	20286	848	39962	26211	29838	643	56692	1392	1471	758
	Quilon	21324	29109	1352	51785	26048	53136	1305	80469	1222	1825	965	1554
	Alleppey	22027	22982	41704	86713	19132	26831	82911	128874	868	1167	1988	1486
	Kottayam	7807	24555	17524	49886	9729	41870	27465	79064	1246	1705	1567	1585
	Ernakulam	41058	42487	10449	93994	47576	65464	13342	126382	1159	1540	1277	1345
	Trichur	38494	61499	14378	114371	45778	79593	19440	144811	1189	1294	1352	1266
	Palghat	116805	89462	5085	211352	197377	171921	4124	373422	1690	1921	811	1767
	Kozhikode	62725	61231	4199	128155	60996	68146	5773	134915	972	1113	1375	1065
	Cannanore	65805	29015	2833	97653	88411	34949	3345	126705	1344	1205	1181	1298
	STATE	394879	380620	98372	873871	521258	571748	158348	1251354	1320	1502	1610	1432
	1969-70	Trivandrum	18462	20201	826	39489	23454	32773	711	56938	1270	1622	861
Quilon		21324	29340	1220	51884	24328	41717	1266	67321	1141	1422	1038	1298
Alleppey		20554	22982	41704	85240	19203	27058	86281	13254	934	1177	2069	1555
Kottayam		7898	24679	17504	50081	10074	33745	29048	72867	1276	1367	1660	1455
Ernakulam		40993	42394	10304	93691	46858	47908	14445	109211	1143	1130	1402	1166
Trichur		38494	61499	13313	113311	46246	75136	25035	146417	1201	1222	1880	1292
Palghat		116805	89462	5059	211326	200907	163340	10206	374453	1720	1826	2017	1772
Kozhikode		63320	61909	5155	130384	55238	67874	7241	130353	872	1096	1405	1000
Cannanore		65897	29705	3051	98653	95135	37009	4167	136311	1444	1246	1367	1382
STATE		393747	382171	98141	874059	521443	526570	178400	1226413	1324	1378	1818	1403

TABLE 1.14

## Procurement of Paddy

(Quantity in tonnes)

Month	1965	1966	1967	1968	1969	1970
January	1834	4314	4404	8091	14973	9781
February	15452	18198	19428	24578	31252	27923
March	11181	14183	17369	15760	22918	22793
April	8928	7465	8765	4932	6968	4317
May	4518	5102	7560	2859	2901	2774
June	340	397	671	2544	1673	2526
July	160	148	352	1504	460	835
August	..	15	1587	1400	742	946
September	9488	10046	19523	16996	21014	13498
October	14232	15082	27597	24667	28346	27319
November	6642	6907	6576	10727	6275	8915
December	3321	2524	1442	2888	3305	2916
Total	76096	84381	115274	116947	140327	124543

Source: Government of Kerala, Civil Supplies Department.

TABLE 1.15

## Off-take of rice and wheat through ration shops

Month	Off-take of rice (in tonnes)						Off take of Wheat (in tonnes)					
	1965	1966	1967	1968	1969	1970	1965	1966	1967	1968	1969	1970
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
January	65243	60950	72555	39586	58680	69041	21918	31337	17510	40229	13467	5526
February	64808	55799	62394	38203	53419	49592	29165	21412	13289	37246	10007	5076
March	72378	66816	67409	38061	62535	74376	28542	20816	14941	43701	9835	5315
April	71727	71833	66135	45511	67818	74202	25346	18881	16557	48397	9228	5104
May	76024	75612	55008	38908	63151	78880	30136	21886	26012	48569	9383	6184
June	75364	74790	53578	60436	69375	78335	28507	27965	38526	41197	11324	7439
July	91492	78607	44290	77095	83665	79553	26284	32816	51859	24597	12465	8143
August	96159	78750	39522	75638	82881	77167	25775	33477	60702	24106	11683	7453
September	78877	73153	36719	69551	73767	68935	22168	26313	50360	20768	8617	5977
October	70274	72937	37109	41828	73846	56706	22449	23376	51936	24314	7199	5313
November	69049	71986	36879	57712	72783	57244	24025	20829	54182	20796	6759	4849
December	75005	67273	41496	65356	76573	58298	28560	23448	58740	17676	6134	4706
Total	906400	848506	613094	647885	838493	822329	311875	302556	454614	391596	116101	71085

Source: Government of Kerala, Civil Supplies Department.

TABLE 1.16

## Net area Irrigated-source wise

Area in Hectares

Sources	1955-56	1956-57	1957-58	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Net Area Irrigated by:													
1. Government Canals	67368	75733	81840	133049	140418	147929	155917	162330	168977	179000	182960	189290	193496
2. Private Canals	5738	5738	5738	5738	5738	5738	5738	7815	7689	10160	10160	10160	10160
3. Tanks	41593	41925	42282	46952	48251	49578	51537	55720	59736	72280	70500	71360	72031
4. Wells	2032	2032	2032	2032	2032	2032	2032	4030	4030	5460	5460	5460	5460
5. Other Sources	130940	130940	130940	130940	130940	130940	132009	121745	121406	126510	141430	141790	141822
6. Total	247676	256368	262832	318711	327379	336217	347233	351640	361838	393410	410510	418060	422969
Percentage of net area irrigated to net area sown	13.53	14.18	14.29	16.57	16.95	16.73	17.17	17.26	17.53	18.81	19.28	19.41	19.53
Area irrigated more than once in an year	101766	107222	110317	137545	138686	139924	141664	142455	147123	133390	161690	164800	166360
Total irrigated area	349442	363590	373149	456256	466065	476141	488897	494095	508961	526800	572200	582860	589329
Percentage of total irrigated area to total cropped area	16.04	16.69	16.88	19.42	19.91	19.46	19.86	19.85	19.95	20.09	20.75	20.43	20.21

TABLE 1.17  
Gross Area Irrigated (Cropwise)

(Area in Hectares)

Name of Crop (1)	1955-56		1956-57		1957-58		1960-61		1961-62		1962-63	
	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1. Paddy	240986	69.0	255134	70.2	264693	70.9	347799	76.2	357609	76.7	367686	77.2
2. Sugarcane	2796	0.8	2910	0.8	2986	0.8	3650	0.8	4209	0.9	4306	0.9
3. Other food crops	66163	18.9	66049	18.1	65973	17.7	65310	14.3	64750	13.9	64652	13.6
4. Total food crops	309945	88.7	324093	89.1	333652	89.4	416759	91.3	426568	91.5	436644	91.7
5. Total non-food crops	39497	11.3	39497	10.9	39497	10.6	39497	8.7	39497	8.5	39497	8.3
6. All crops	349442	100.00	363590	100.0	373149	100.0	456256	100.0	466065	100.0	476141	100.0

Name of Crop	1963-64		1964-65		1965-66		1966-67		1967-68		1968-69		1969-70	
	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(26)	(26)	(27)
1. Paddy	380441	77.8	390675	79.1	405920	79.8	424120	80.5	459720	80.4	470110	80.7	476579	80.9
2. Sugarcane	4306	0.9	4306	0.9	4306	0.8	4290	0.8	4290	0.7	4290	0.7	4290	0.7
3. Other food crops	61213	12.5	56430	11.4	56049	11.0	55690	10.6	55690	9.7	55690	9.5	55690	9.5
4. Total food crops	445960	91.2	451410	91.4	466275	91.6	484100	91.9	519700	90.8	530090	90.9	536559	91.9
5. Total non-food crops	42937	8.8	42685	8.6	42686	8.4	42700	8.1	52500	9.2	52770	9.1	52770	8.9
6. All crops	488897	100.0	494095	100.0	508961	100.0	526800	100.0	572200	100.0	582860	100.0	589329	100.0

TABLE 1.18

Consumption of fertilizers and fertilizer mixtures during the year 1960-61

Unit—(Metric Tonnes)

Name of Fertilizer (1)	Trivandrum (2)	Quilon (3)	Alleppey (4)	Kottayam (5)	Ernakulam (6)	Trichur (7)	Palghat (8)	Kozhikode (9)	Cannanore (10)	Total (11)
1 Ammonium Sulphate	707	1057	3462	1922	10007	1140	2008	448	1205	21956
2 Urea	208	123	144	383	261	224	401	95	169	2008
3 Cal: Ammonium Nitrate	57	492	111	380	302	180	431	325	129	2407
4 Amn: Sul: Nitrate	12	13	17	183	121	104	151	45	34	680
5 Super Phosphate	734	657	460	544	375	461	308	91	325	3955
6 Rock Phosphate	7	17	126	204	20	91	..	..	1	466
7 Hyper Phosphate	1	7	..	4	..	1	..	..	4	18
8 Nitro Phosphate	2	10	8	57	..	50	57	8	11	203
9 Mono Ammonium Phosphate	..	13	37	73	..	18	26	37	3	207
10 Bone Meal	148	256	403	391	1230	702	358	641	313	4442
11 Factum fos.	3	..	153	48	..	24	9	2	14	1253
12 Muriate of Potash	6	31	93	123	48	93	41	22	31	488
13 Paddy Mixture	280	462	1518	979	303	403	959	121	281	5311
14 Coco. Mixture	69	122	91	195	81	133	10	66	195	962
15 Rubber Mixture	43	98	23	80	54	31	..	..	2	331
16 Tapioca Mixture	23	27	53	62	..	27	..	9	11	177
17 Arecanut Mixture	..	..	..	..	..	..	..	..	..	47
18 Garden Mixture	9	2	8	29	16	5	..	..	21	69
19 Banana Mixture	..	..	2	..	..	..	..	1	1	40
20 Pepper Mixture	..	..	..	..	..	..	..	..	..	2
21 Fertilizer Mixture	..	..	..	..	..	..	..	..	..	14659
Total	2309	3387	6709	5657	12818	3712	4759	1912	2759	58681

Source: Agriculture Department.

XX—Districtwise break-up not available

TABLE 1.18—(Contd.)

## Districtwise distribution of fertilizers and fertiliser mixture during the year 1961-62

Unit—M. T.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1	Ammonium Sulphate	558	510	1188	695	235	261	1691	258	631	6027
2	Urea	205	104	311	314	176	44	374	21	224	1773
3	Calcium Amm. Sulphate	20	23	331	351	23	97	324	22	110	1301
4	Ammonium Sulphate Nitrate	53	56	63	65	25	68	59	43	103	535
5	Super Phosphate	837	594	500	770	337	275	204	306	412	4235
6	Bone meal	116	246	334	736	233	490	138	103	136	2532
7	Mono-Ammo-Phosphate	1	10	9	36	..	1	14	4	12	87
8	Nitro Phosphate	..	5	2	4	5	1	1	4	1	23
9	Hyper Phosphate	6	18	940	667	21	182	15	1	8	1858
10	Factum fos	32	74	304	112	44	119	191	14	25	915
11	Rock Phosphate	8	25	35	143	13	20	5	..	4	253
12	Muriate of Potash	29	65	171	218	50	168	57	39	46	843
13	Paddy Mixture	294	776	3533	2588	1035	1162	2809	580	630	13407
14	Coconut Mixture	107	318	365	719	414	306	79	451	279	3038
15	Other Mixtures	224	546	2717	2414	801	783	1961	395	566	10407
	Total	2490	3370	10803	9832	3412	3977	7922	2241	3187	47234

## Districtwise distribution of fertilizers and fertilizer mixture during the year 1962-63

Unit—M. T.

1	Ammonium Sulphate	569	571	1141	916	251	296	2388	278	519	6929
2	Urea	91	123	242	227	50	142	715	65	174	1829
3	Calcium Ammonium Nitrate	144	76	836	518	47	179	785	106	248	2989
4	Amm: Sulphate Nitrate	2	1	11	..	27	44	..	10	30	125
5	Bone Meal	106	553	813	718	1090	696	196	292	155	4619
6	Super Phosphate	806	733	539	787	339	360	268	399	411	4642
7	Muriate of Potash	46	222	440	433	125	282	139	65	60	1812
8	Mono-Ammonium Phosphate	1	1	1	15	1	3	..	1	6	29
9	Nitro-Phosphate	..	..	..	2	1	..	..	1	1	5
10	Hyper Phosphate	4	50	1166	695	14	61	35	28	10	2063
11	Factum fos	62	78	546	143	96	244	284	54	58	1565
12	Animal Meal Etc.	..	1	10	24	..	..	..	..	2	37
13	Rock Phosphate	22	50	49	84	175	63	292	34	14	783
14	Ammonium Phosphate	..	..	2	6	4	..	30	..	..	42
15	Chillian Nitrate	40	28	287	277	108	..	..	..	12	752
16	Paddy Mixture	447	873	3902	2111	973	994	2846	664	618	13408
17	Coco Mixture	147	989	553	689	589	852	477	1478	384	6158
18	Arecanut Mixture	..	2	1	14	30	48	25	28	11	159
19	Sugarcane Mixture	..	37	1188	..	..	..	165	..	..	1390
20	Pepper Mixture	2	3	3	18	3	5	12	8	7	61
21	Vegetable Mixture	20	14	24	142	43	36	4	44	18	345
22	Tapioca Mixture	70	..	21	360	3	..	..	..	..	454
23	Banana Mixture	..	12	10	154	5	7	..	35	3	226
24	Ginger Mixture	..	..	..	8	352	2	6	28	..	396
25	P. K. Mixture	..	..	1	..	..	..	7	..	..	8
26	Rubber Mixture	238	654	151	887	328	497	120	59	102	3036
27	Tea Mixture	..	..	..	1234	..	..	..	..	..	1234
28	Coffee Mixture	..	..	..	..	..	..	127	..	..	127
29	Cardamom Mixture	..	..	..	..	..	..	101	..	..	101
30	Others (unspecified Mixture)	113	367	1359	3115	1079	891	1309	254	545	9333
	Total	2930	5438	13346	13577	5733	5702	10331	3911	3389	64357

Source: Agriculture Department.

TABLE 1.18—(Contd.)

Unit—M. T.

## Consumption of fertilizers and fertilizer mixtures during the year 1963-64

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1 Ammonium Sulphate	531	430	1370	575	229	188	2284	192	640	6439
2 Urea	104	87	162	132	54	56	1082	46	110	1833
3 Calcium Ammonium Nitrate	60	76	1252	808	129	372	1393	136	303	4529
4 Ammonium Sulphate Nitrate	..	..	..	..	3	5	31	17	4	60
5 Sodium Nitrate	331	337	395	377	1747	331	337	336	333	4524
6 Super Phosphate	1052	1035	599	846	253	500	893	524	656	6358
7 Bonemeal	873	896	2103	1747	1952	1573	1243	970	929	12286
8 Mono-Ammonium Phosphate	220	228	235	240	221	222	243	220	224	2053
9 Hyper Phosphate	4	94	596	181	5	22	3	3	..	908
10 Ammonium Phosphate	84	223	872	289	229	552	408	156	236	3049
11 Rock Phosphate	6	88	4	142	68	25	13	29	16	391
12 Ultra fos	..	7	706	316	9	170	8	29	3	1248
13 Muriate of Potash	407	519	1115	850	481	766	672	473	469	5752
14 Pamba Sugarcane Standard No. 1	180	962	2331	2220	995	1043	2184	705	503	11123
" No. 2 & 8	314	520	1753	1984	603	348	1435	313	906	8176
" No. 3	..	..	165	102	3	148	25	3	11	457
" No. 4	91	298	263	235	673	1343	279	606	607	4395
" No. 5	253	954	779	1765	893	467	332	1025	769	7237
" No. 6	10	31	33	273	149	61	23	10	74	664
" No. 7	..	21	203	45	16	..	1	..	20	306
" No. 9	25	33	33	372	89	57	120	81	67	877
" No. 10	..	..	1	1	..	..	..	..	..	2
" No. 11	..	..	13	9	..	..	31	85	..	138
Cardamom	..	..	..	137	46	..	..	..	..	183
Total	4545	6839	15338	13646	8847	8249	13040	5959	6880	83343

## Fertiliser and Mixtures distributed in the districts of Kerala 1964-65

1 Amonium Sulphate	920	1213	1692	1051	607	517	3811	730	1215	11756
2 Urea	407	212	604	497	173	282	1852	115	172	4314
3 C. A. N.	191	291	1916	1107	347	740	2838	416	373	8219
4 A. S. N.	4	2	6	23	18	7	24	3	9	96
5 Super Phosphate	1007	1408	722	645	548	795	1547	1081	840	8593
6 Rock Phosphate	10	5	13	34	40	19	47	19	7	194
7 Bonemeal	836	1204	1800	2578	2378	2663	1439	1606	1207	15711
8 Muriate of Potash	460	544	1700	1248	713	1453	1078	652	539	8387
9 Hyper Phosphate	154	160	1112	565	272	284	242	104	108	3001
10 Mono. Amom. Phosphate	..	..	5	..	1	..	35	7	..	48
11 Ultra Phosphate	45	72	1039	438	101	318	95	280	77	2465
12 Amon Phosphate	325	497	1175	651	488	1020	840	449	566	6011
13 Sulphate of Potash	14	..	..	..	..	..	..	..	..	14
14 Chillian Nitrate	250	412	537	584	977	460	250	614	410	4494
Sub. Total	4623	6020	12321	9421	6663	8558	14098	6076	5523	73303
15 Ryot Mixture	1705	4410	8326	8586	5284	5672	6231	4664	4904	49782
16 Plantation Mixture	562	5278	546	20812	1441	1869	737	2521	395	34161
17 Special Mixtures—										
(a) Perameal	1	1	47	48	11	3	..	12	12	111
(b) Sterameal	9	13	47	148	66	480	8	..	..	495
Total	6900	15722	21287	39015	13465	16282	21074	13273	10834	157852

## Fertilisers and Mixtures distributed in the districts for the year 1965-66

## I. Straight fertilisation

1 Ammonium Sulphate	1119	1089	2275	1197	927	896	2011	1164	1119	11797
2 Urea	375	438	1009	283	499	631	3321	570	460	7586
3 C. A. N.	437	381	2833	436	933	1116	2305	990	418	9849
4 Chillian Nitrate	300	223	291	835	921	265	458	525	40	3858
5 A. S. N.	23	26	119	13	88	6	62	31	29	397
6 Bonemeal	1406	1248	1956	3244	555	2709	916	1009	1328	16371
7 Amm. Phosphate	892	360	979	793	553	521	553	374	486	5511
8 Mono Amm. Phosphate	..	3	1	..	1	1	19	23	3	51
9 Nitro. Phosphate	..	..	..	..	5	..	..	..	..	6
10 Super Phosphate	1688	1845	681	1158	907	870	1830	1220	853	11052
11 Rock Phosphate	3	4	1518	195	26	32	86	64	14	1942
12 Ultraphosphate	89	225	1293	1062	105	240	115	609	343	4081
13 Hyper Phosphate	60	70	90	145	153	125	193	187	185	1213
14 M. O. P.	608	781	1918	1248	901	1076	865	863	638	8898
15 Sulphate of potash	30	..	..	..	2	..	..	..	..	32
Total	7030	6693	14963	10610	8581	84881	12734	7629	5916	82644

Source: Agriculture Department.

TABLE 1.18—(Contd.)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<b>II. Ryot Mixtures</b>											
Standard I		901	1927	3325	3315	2078	1741	2291	1789	1532	18909
" II & VIII		344	1108	2500	2741	1102	710	1349	404	1356	11604
" III		..	11	67	224	13	131	29	168	194	837
" IV		269	458	447	509	618	1327	615	673	826	5742
" V		729	1843	1463	2832	1364	958	648	1287	1451	12575
" VI		56	123	109	469	466	693	87	69	268	2518
" VII		..	77	693	663	152	77	48	4	138	1963
" IX		105	138	107	399	163	101	73	146	131	1368
" X		..	10	229	21	6	8	35	22	21	352
" XI		23	27	132	64	2	224	25	19	15	531
Total		2427	2722	9072	11247	5964	5970	5200	4582	5952	56116
<b>III. Special Ryot Mixtures</b>											
1 Sterameal		6	73	46	127	15	19	1	17	18	322
2 Perameal		..	..	1	171	23	1	1	17	..	214
3 Rabbimeal		..	..	2	22	1	4	..	3	..	32
4 Animeal		1	4	1	31	4	..	..	..	..	41
Total		7	77	50	351	43	24	2	37	18	609
<b>IV. Plantation</b>											
1 Tea		355	3064	1422	10756	7	..	34	5680	39	21357
2 Coffee		..	1020	..	257	14	..	101	2119	134	3645
3 Rubber		422	3285	388	7317	1174	2077	425	1613	191	16892
Total		777	7369	1810	18330	1195	2077	560	9412	364	41894

## Fertilisers and mixture distributed in districts of Kerala during the year 1966-67

<b>I. Straight Fertiliser</b>											
1 Ammonium Sulphate		1744	1680	1597	1901	1053	1237	3618	719	1219	14768
2 Urea		690	2519	3141	1183	1427	1160	5305	1308	864	17597
3 C.A.N.		503	537	2473	1053	432	1007	3085	422	657	10169
4 A.S.N.		1	31	35	119	25	134	14	7	18	384
5 Bonemeal		1057	1060	1623	1164	1341	1422	1217	1170	1206	11260
6 Amon. Phosphate		470	693	2136	1377	1151	2030	1154	1439	1032	11482
7 Mino. Amo. Sulphate		..	29	15	1	6	9	..	..	..	60
8 Nitro Phosphate		..	..	..	1	32	33	9	..	..	75
9 Super Phosphate		1833	1765	1025	1411	1150	1360	1986	1952	1050	13532
10 Ultra Phosphate		152	242	1000	817	243	298	369	432	492	4045
11 Rock Phosphate		118	9	944	349	354	10	9	190	4	1967
12 Hyper Phosphate		10	..	5	95	2	35	..	65	..	212
13 Thomas Phosphate		..	..	30	16	2	63	1	5	..	117
14 M.O.P.		594	684	1399	1022	620	1433	664	480	658	7554
15 Sulphate of Potash		1	..	..	70	..	..	..	70	..	141
Total		7173	9249	15423	10579	7838	10231	17431	8259	7200	93383
<b>II. Standard Ryot Mixture</b>											
Standard I		705	1390	4683	4048	2004	1470	2026	1614	1283	19223
" II & VIII		198	786	3369	2713	1240	1280	1057	194	1319	12156
" III		27	30	81	227	57	18	6	27	1	474
" IV		43	867	179	551	457	1331	391	398	755	4972
" V		1136	2490	1774	3339	1133	1176	634	1893	1584	15159
" VI		168	208	265	643	554	617	62	104	696	3317
" VII		508	5	10	46	609	70	34	17	38	1337
" IX		175	92	59	411	74	60	55	105	130	1161
" X		7	1	6	8	30	107	7	..	42	208
" XI		20	190	228	108	65	43	40	..	31	725
Spl. Ryot Mixture		15	112	138	445	105	73	9	98	49	1044
Total		3002	6171	10792	12539	6328	6245	4321	4450	5928	59776

Source: Agriculture Department.

TABLE 1.18—(Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
<b>III. Special mixture:</b>											
1	Sterameal	14	105	132	280	62	72	9	90	49	813
2	Parameal	1	7	6	165	43	1	..	8	..	231
Total		15	112	138	445	105	73	9	98	49	1044
<b>IV. Plantation mixture:</b>											
1	Tea	..	1563	638	9104	13	563	281	6734	81	18977
2	Rubber	507	5162	1017	8463	2182	2702	659	3899	462	25053
3	Coffee	..	..	40	367	..	..	254	2535	294	3490
Total		507	6725	1695	17934	2195	3265	1194	13168	837	47520

Fertiliser and mixture distributed in the districts of Kerala for the year 1967-68

	TVM.	QLN.	ALPY.	KTM.	EKM.	TCR.	PGT.	KOZ.	CAN.	STATE	
<b>I. Straight Fertiliser:</b>											
1	Amon. Sulphate	1832	2310	2674	1513	1488	1295	4833	1671	1041	19557
2	Urea	1798	2085	2062	1338	1259	1413	5601	930	940	17366
3	C.A.N.	406	437	1375	874	475	1487	193	300	186	5738
4	A.S.N.	3	..	1	83	2	8	..	..	..	97
5	Thomas Phosphate	14	7	48	110	18	220	17	..	6	440
6	Rock Phosphate	27	28	602	224	137	47	44	336	28	1473
7	Super Phosphate	1388	621	652	678	495	617	823	629	557	6550
8	Nitro Phosphate	..	6	264	22	130	123	25	9	32	611
9	Amon. Phosphate	858	1104	2769	1948	1574	1814	994	1150	1156	13367
10	Diamo. Phosphate	6	4	24	80	5	21	19	3	5	167
11	Ultrafos	50	65	959	704	68	153	141	265	154	2559
12	Bonemeal	2077	1977	2468	2073	2386	2389	2051	2304	2045	19770
13	Muriate of Potash	579	838	2124	1591	910	1396	790	1367	566	10161
14	Sulphate of Potash	4	..	..	..	1	..	..	..	..	4
15	Hyper Phosphate	..	..	..	..	..	..	..	..	..	1
Total		9042	9482	15962	11328	8948	10983	15531	8964	7616	97856
<b>II. Standard Ryot Mixture:</b>											
Standard I		1467	2302	5039	4571	3663	3418	3751	4022	2023	30253
" II & VIII		501	938	2195	2297	923	1248	1672	429	1436	11639
" III		..	..	29	19	9	19	2	23	..	101
" IV		76	132	226	263	417	1006	505	417	934	3976
" V		5084	2183	2668	3850	1830	1225	890	1980	2347	22057
" VI		492	136	159	604	532	480	107	119	515	3144
" VII		5	97	562	169	86	26	183	5	62	1195
" IX		116	29	66	309	85	34	53	140	186	1018
" X		22	55	12	33	97	60	88	35	85	487
Total		7763	5872	10956	12115	7642	7516	7251	7170	7588	73873
<b>III. Special Ryot Mixtures:</b>											
1	Sterameal	62	202	260	398	97	247	70	99	27	1462
2	Ralimeal	..	..	6	..	3	6	..	10	..	25
3	Parameal	..	..	1	42	3	..	4	3	..	53
4	Annimeal	..	..	6	17	2	..	..	..	2	27
Total		62	202	273	457	105	253	74	112	29	1567
<b>IV. Plantation Mixture:</b>											
1	Rubber	1021	5230	1461	5962	1677	2888	602	2289	328	21458
2	Coffee	3	..	57	271	2	26	208	2306	294	3167
3	Tea	482	2012	193	7126	38	169	46	6062	18	16146
4	Cardamom	..	..	48	272	11	4	..	7	23	365
Total		1506	7242	1759	13631	1728	3087	856	10664	663	41136



TABLE 1.18—(Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
<b>Consumption of fertilisers and mixtures during the year 1968-69</b>											
<b>I. Straight Fertiliser:</b>											
1	Ammonium Sulphate	2020	2069	2212	2187	1356	1340	3015	1295	1522	17016
2	Urea	1267	1167	3256	1858	1405	2215	6836	685	444	19133
3	C.A.N.	526	585	2310	980	703	1052	812	299	352	7619
4	A.S.N.	..	..	2	79	..	22	8	..	..	111
5	Thomas Phosphate	4	..	285	126	23	182	12	16	22	670
6	Rock Phosphate	17	11	498	209	62	27	18	178	1	1021
7	Super Phosphate	1469	880	635	927	448	964	762	711	518	7414
8	Nitro Phosphate	2	4	6	6	105	24	1	10	3	161
9	Ammonium Phosphate	379	377	591	455	428	352	371	428	217	3598
10	Diammo Phosphate	13	28	181	193	51	77	238	66	10	857
11	Ultrofos	62	112	1120	682	55	141	97	230	129	2628
12	Bone Meal	1285	1282	1902	1404	2080	1478	1233	1369	1271	13324
13	Muriate of Potash	580	779	2693	2581	1016	1615	696	826	346	11132
14	Hyper Phosphate	..	..	..	117	..	..	..	..	..	117
15	Dolomite	43	3	110	81	19	164	115	58	427	1020
16	Factomfos	1375	1334	3872	2378	2314	3132	1310	1905	1436	19056
17	Groundnut cake	..	..	..	..	..	1	..	..	..	1
18	U.A.R. Phosphate	..	9	..	..	15	..	..	..	..	24
19	Sulphate of Potash	15	..	..	..	..	..	..	..	..	15
20	Complete fertiliser	2	1	..	34	..	1	..	3	16	57
21	Gromor	..	..	..	17	..	..	3	..	..	20
22	Other fertilisers	1	16	65	26	11	47	2	158	..	326
<b>Total</b>		<b>9060</b>	<b>8657</b>	<b>19738</b>	<b>14340</b>	<b>10091</b>	<b>12834</b>	<b>15549</b>	<b>8237</b>	<b>6714</b>	<b>103220</b>
<b>II. Standard mixture:</b>											
	Standard I	1555	1899	3626	3909	3618	3470	3459	4662	1882	28080
	II & VIII	246	826	2493	3254	624	648	1744	130	850	10820
	III	4	..	1	16	14	1	3	58	3	100
	IV	62	103	200	216	298	763	368	281	618	2909
	V	2451	2669	1779	3368	1822	1287	585	1870	1898	17729
	VI	206	113	104	585	417	277	27	108	343	2182
	VII	1	2	7	52	20	7	..	..	2	91
	IX	80	27	37	350	128	43	22	202	258	1147
	X	45	..	..	..	1	..	12	3	..	61
	XI	..	..	1	..	1	26	18	3	2	51
<b>Total</b>		<b>4650</b>	<b>5641</b>	<b>8248</b>	<b>11755</b>	<b>6943</b>	<b>6522</b>	<b>6238</b>	<b>7317</b>	<b>5856</b>	<b>63170</b>
<b>III. Special Mixtures:</b>											
1	Stenameal	59	237	214	434	122	266	55	94	36	1517
2	Mymeal	..	2	..	7	3	13	..	..	4	29
3	Porameal	2	3	2	108	10	4	1	5	..	135
4	Viclomeal	..	..	..	..	7	..	..	..	..	7
5	Rate meal	1	2	..	..	2	2	1	..	..	8
6	Ani meal	..	..	19	18	4	..	2	..	..	43
7	Kuttanad mixture	6	..	116	28	90	17	3	40	16	316
8	Pamba sugarcane fertiliser	..	..	845	..	..	..	..	..	..	845
9	Parambhos	22	27	91	65	8	..	..	..	..	213
10	Organic mixtures	..	..	3	4	..	..	..	..	..	7
11	Other mixtures	4	..	63	13	..	40	..	80	..	208
<b>Total</b>		<b>94</b>	<b>271</b>	<b>1353</b>	<b>677</b>	<b>246</b>	<b>342</b>	<b>62</b>	<b>219</b>	<b>56</b>	<b>3320</b>
<b>IV. Plantation mixture:</b>											
1	Rubber	1480	5994	654	7186	2398	2488	492	2501	590	23783
2	Tea	267	1608	1022	10528	..	38	..	6890	..	20353
3	Coffee	..	..	126	325	..	..	42	2494	283	3270
4	Cardamom	..	1	55	250	..	..	41	62	..	409
5	Pepper]	..	..	..	3	..	..	..	7	..	10
<b>Total</b>		<b>1747</b>	<b>7603</b>	<b>1857</b>	<b>18292</b>	<b>2398</b>	<b>2526</b>	<b>575</b>	<b>11954</b>	<b>873</b>	<b>47825</b>

Source: Agriculture Department.

TABLE 1.18—(contd.)

## Consumption of fertilisers and mixtures during the year 1969-70

Item	Trivandrum	Quilon	Alleppey	Kottayam	Ernakulam	Trichur	Palghat	Malappuram	Calicut	Cannanore	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>I. Straight fertilisers</b>											
1 Ammonium Sulphate	1615	1767	2227	1988	727	1030	2622	2	1316	1406	14700
2 Urea	1115	805	2069	1701	1621	2107	6197	25	873	472	16985
3 C. A. M.	26	83	622	296	48	494	380	3	63	277	2292
4 A. S. N.	..	..	1	413	..	23	22	..	..	..	459
5 Super Phosphate	1014	520	317	865	243	464	392	..	488	352	4655
6 Rock Phosphate	28	42	247	556	491	40	6	..	61	..	1471
7 Nitro Phosphate	3	35	48	42	42	28	3	..	5	5	211
8 Thomas Phosphate	1	..	15	26	..	1	1	..	..	..	44
9 Ammonium Phosphate	..	..	..	..	..	33	3	8	17	47	108
10 Diammonium Phosphate	8	14	84	182	13	22	152	..	44	10	529
11 Bone meal	981	1085	1309	1281	1786	1207	1057	605	1179	1152	11642
12 Muriate of Potash	468	679	2440	2317	961	1331	546	14	554	382	9692
13 Factomfos	1846	1316	4153	2609	2573	3333	1480	..	2509	2090	21909
14 Ultrofos	27	93	952	578	29	115	27	..	168	94	2083
15 Gromor	..	3	88	204	4	23	..	..	..	..	322
16 Steamed sinews	..	..	..	2	..	..	..	..	..	..	2
17 Dolomite	46	59	70	160	37	133	338	6	62	38	949
18 Complex Fertiliser	3	7	182	208	24	11	..	20	3	95	553
19 Suphala	46	59	70	148	182	41	16	..	34	64	660
20 Pumba sugarcane Fertiliser	..	..	850	..	..	..	..	..	..	..	850
21 Paramphos	7	6	15	67	12	..	..	..	..	..	107
22 U. S. R. Phosphate	..	2	1	19	1	..	..	..	..	..	23
23 Ennon/S. Ammonia	..	10	..	..	..	..	..	..	..	..	10
24 Calcium carbonate	..	..	31	..	..	..	..	..	..	..	31
25 M. F. L. Complex	..	..	8	6	..	..	..	..	..	..	14
26 Supons	..	..	..	2	..	..	11	..	..	..	13
27 Poney complex	..	..	4	7	..	..	..	..	..	..	11
28 Gypsum	..	..	..	..	3	..	..	..	..	..	17
29 Mangrisite Powder	..	..	37	74	3	21	..	..	292	..	3
30 Other fertiliser	..	..	..	..	..	..	..	..	..	..	427
Total	7234	6585	15840	13751	8800	10474	13253	693	7668	6484	90772
<b>II. Standard Ryot Mixture</b>											
Standard I	1073	1409	2788	3278	2942	2615	2440	30	3917	1868	22360
II & VIII	159	580	2407	2565	422	479	1209	..	74	969	8864
III	..	..	7	16	2	..	..	..	47	1	73
IV	26	71	95	63	169	407	282	30	195	399	1737
V	1888	1652	1226	2662	1393	973	401	..	340	1712	12247
VI	63	104	115	430	304	218	14	2	45	288	1593
VII	..	3	1	27	19	..	4	..	7	3	64
IX	27	26	32	323	153	30	26	4	201	168	990
X	..	..	..	37	..	..	22	..	..	..	59
XI	..	..	..	2	..	20	22	..	..	..	44
Total	3236	3845	6671	9403	5404	4742	4420	66	4826	5418	48031
<b>III. Special</b>											
1 Sterameal	34	128	126	373	89	83	12	2	8	14	869
2 Para meal	..	33	2	95	2	1	..	..	6	1	140
3 Animal meal	..	2	17	37	8	..	..	..	..	..	64
4 Mymeal	..	..	..	6	2	..	..	..	..	..	7
5 Rolmeal	..	..	..	35	..	..	..	..	..	..	55
6 Organic mixture	..	3	3	..	..	..	..	..	1	..	7
7 Spl. Organic mixture	..	..	2	..	..	..	..	..	..	..	2
8 Kuttanad Spl. mixture	..	..	49	63	57	11	5	..	14	61	260
9 Eucalypts	..	..	78	99	11	15	2	189	67	1	189
10 Other mixtures	4	..	..	..	..	..	..	..	..	..	277
Total	38	166	277	707	169	110	19	191	116	77	1870
<b>IV. Plantation mixture:</b>											
1 Rubber	1430	6709	1053	8999	2971	1594	663	275	2318	581	26593
2 Coffee	..	1447	40	169	..	..	101	..	2375	58	4190
3 Tea	84	4	509	13173	21	3	103	..	5674	36	19604
4 Cardamom	..	..	29	541	..	2	96	..	40	..	711
5 Pepper	..	..	..	4	..	..	..	..	3	..	7
6 Grass	..	..	..	3	..	..	..	..	..	..	3
Total	1514	8160	1631	22889	2995	1596	963	275	10410	675	51108

Source: Agriculture Department.

TABLE 1.19

## Sowing, Harvesting and peak marketing seasons of principal crops

Crop	Season	Sowing	Harvesting	Peak Marketing
(1)	(2)	(3)	(4)	(5)
1 Rice	Autumn Winter Summer	April - June August - October November - December	August - October December - February February - March	September - October January - February March - April
2 Ragi	1st Crop 2nd Crop	January - March April - July September - October	April May August - October December - January	May - June September - October December - January
3 Small millets (samai)	Kharif Rabi	May September	August December	August December
4 Red gram	1st Crop 2nd Crop 3rd Crop	May - June August - October February	August - September November - January April	September - October January April
5 Horse gram	1st Crop 2nd Crop	August - October February - March	November - January April - May	January - February May - June
6 Green gram	..	May - June	August - September	September - October
7 Black gram	1st Crop 2nd Crop	May - June October - November	August - October January - February	October February
8 Other Pulses	..	May - June October	August - September December - January	August - September January
9 Sugarcane	1st Crop 2nd Crop	November - February January - March	October - December December - February	November - December February
10 Ginger (Raw)	..	April - May	November - January	December - January
11 Pepper	..	..	November - January	December - January
12 Sesamum	1st Crop 2nd Crop 3rd Crop	February - March August - October December - January	June - July December - January March - April	July - August December - January April - May
13 Cotton	..	August - September	February - March	February - March
14 Sweet Potatoes	1st Crop 2nd Crop 3rd Crop	June - July September - October November - December	September - October December - January February - March	September - October December - January February - March
15 Turmeric	..	April - May	December - January	January - February
16 Lemongrass	..	..	June - September	September
17 Tapioca	1st Crop 2nd Crop 3rd Crop	October - November March - May July - September	August - September November - January May - July	August - September December - January June - July

TABLE 1.20

## Index numbers of Area under crops

(Base 1956-57—100)

Name of Crop	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
All Crops	100.0	101.9	103.4	106.4	108.6	107.9	110.0	110.1	111.2	114.1
A. FOOD-GRAINS	100.0	98.7	98.8	99.7	100.9	97.6	103.7	104.0	103.5	103.6
1. Cereals	100.0	99.0	99.7	100.7	102.0	98.5	105.0	105.3	104.8	104.9
Paddy	100.0	99.0	99.7	100.7	102.0	98.5	105.0	105.3	104.8	105.1
Jowar	100.0	82.9	78.0	75.0	78.0	72.3	72.3	71.8	67.3	62.9
Ragi	100.0	100.9	101.9	107.8	111.9	104.5	104.7	104.8	104.2	102.4
2. Pulses	100.0	93.9	92.4	91.8	91.0	90.7	91.6	91.8	90.8	90.3
B. NON-FOODGRAINS	100.0	104.3	106.9	111.5	114.4	115.6	114.7	114.6	116.9	121.8
1. Oil seeds	100.0	101.8	104.3	108.3	108.9	109.7	109.9	110.6	113.0	118.2
Coconut	100.0	100.7	103.4	107.1	108.8	109.8	110.0	111.2	114.1	120.4
Groundnut	100.0	102.4	107.4	96.7	119.9	119.6	109.9	108.5	108.6	113.8
Sesamum	100.0	102.8	99.2	88.9	61.0	60.3	60.1	60.5	60.6	60.3
Lemongrass	100.0	128.1	129.6	170.8	154.9	154.9	154.9	151.5	144.8	144.8
2. Fibres	100.0	95.7	87.5	92.2	108.1	105.5	85.1	87.7	95.8	78.8
Cotton	100.0	95.7	87.5	92.2	108.1	105.5	85.1	87.7	95.8	78.8
3. Plantation crops	100.0	114.1	119.5	119.9	129.7	138.5	143.1	147.2	152.1	155.4
Tea	100.0	100.8	95.0	95.0	95.0	94.5	97.3	96.9	99.3	100.1
Coffee	100.0	111.4	111.4	115.5	115.5	129.2	131.8	137.6	149.4	162.2
Rubber	100.0	121.4	133.1	133.1	149.3	161.7	167.6	173.6	178.5	181.7
4. Miscellaneous	100.0	104.3	106.5	113.2	116.4	115.9	112.3	110.1	111.5	117.1
Crops	100.0	104.3	106.5	113.2	116.4	115.9	112.3	110.1	111.5	117.1
Sugarcane	100.0	112.6	113.6	114.9	118.0	119.0	120.4	122.3	122.7	118.7
Pepper	100.0	104.5	104.2	105.2	114.7	114.8	114.1	114.2	114.4	114.5
Cardamom	100.0	100.1	100.1	100.3	100.6	100.6	100.6	100.6	100.6	100.6
Ginger	100.0	91.5	88.0	109.1	118.4	118.8	119.0	117.9	118.0	116.7
Turmeric	100.0	130.6	91.7	99.1	99.8	103.6	103.3	98.7	98.7	95.4
Arecanut	100.0	100.2	101.0	107.1	109.3	114.3	116.4	119.3	125.1	135.6
Banana	100.0	105.9	101.8	102.8	102.2	100.9	109.7	105.0	103.4	108.4
Cashewnut	100.0	117.8	123.6	140.2	145.2	147.1	140.6	141.0	147.2	149.6
Tobacco	100.0	105.1	106.3	125.2	149.2	141.3	141.3	141.4	141.4	141.4
Tapioca	100.0	102.6	107.3	115.4	116.1	113.4	106.2	100.6	100.3	110.0

TABLE 1.21  
Index numbers of Agricultural production

(Base 1956-57—100)

Crop	Weight	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67
		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
All Crops	100.0	100.0	102.2	104.0	109.3	112.1	110.4	114.7	116.8	120.0	119.3	126.7
Foodgrains	29.18	100.0	104.2	107.5	116.7	119.8	112.9	122.8	126.6	125.8	112.1	121.6
Cereals	28.90	100.0	104.3	107.6	116.9	120.1	113.1	123.1	126.9	126.1	112.3	122.2
Paddy	26.62	100.0	104.3	107.6	117.0	120.2	113.1	123.2	127.1	126.3	112.4	122.2
Jowar	0.02	100.0	84.2	75.4	72.6	72.7	70.4	70.4	67.5	63.4	51.1	51.1
Ragi	0.25	100.0	106.1	107.9	115.1	117.6	112.0	111.9	110.9	108.6	104.1	104.5
Pulses	0.28	100.0	95.3	94.6	93.7	93.9	91.8	92.4	91.7	91.7	90.5	91.4
Non-Foodgrains	70.82	100.0	101.4	102.5	106.3	108.9	109.3	111.4	112.8	117.6	122.3	128.8
Oil Seeds	30.28	100.0	100.0	102.1	105.4	102.3	103.2	104.7	104.2	104.7	105.5	109.4
Coconut	28.81	100.0	100.5	101.8	105.5	102.5	103.4	105.2	103.8	104.3	104.8	109.0
Groundnut	0.53	100.0	101.1	90.1	67.6	86.8	86.5	85.1	130.6	137.3	158.6	148.4
Sesamum	0.47	100.0	70.2	100.0	81.2	40.1	40.0	40.0	40.3	37.2	36.7	37.3
Lemongrass oil	0.47	100.0	105.0	132.1	166.3	168.4	169.8	160.6	161.6	157.7	157.7	157.7
Fibres	0.31	100.0	96.3	78.6	82.5	106.1	103.0	75.3	80.3	98.5	69.3	64.5
Cotton	0.31	100.0	96.3	78.6	82.5	106.1	103.0	119.4	80.3	141.1	69.3	64.5
Plantation crops	15.24	100.0	101.0	101.9	102.2	112.3	112.6	111.6	129.5	121.1	130.1	160.3
Tea	9.38	100.0	100.0	100.0	100.0	116.3	109.5	126.3	118.1	144.2	121.1	127.0
Coffee	1.71	100.0	107.4	107.4	110.3	110.3	113.2	126.3	127.6	144.2	147.1	156.5
Rubber	4.15	100.0	100.8	103.9	103.9	106.4	116.3	134.1	156.0	185.0	216.8	233.1
Miscellaneous crops	24.99	100.0	103.3	103.7	110.3	114.6	114.8	116.2	113.4	119.2	126.5	135.4
Sugarcane	0.75	100.0	98.8	99.3	101.5	106.4	105.3	116.5	123.1	123.0	114.4	153.4
Pepper	2.81	100.0	87.1	93.4	92.8	99.2	99.0	89.8	82.3	81.6	79.6	78.6
Cardamom	1.28	100.0	100.0	103.0	103.0	100.2	100.2	100.2	100.2	100.4	100.4	100.4
Ginger	0.74	100.0	86.0	71.6	91.0	103.6	104.5	105.1	103.8	104.1	102.9	101.7
Turmeric	0.28	100.0	130.6	91.6	98.9	99.7	103.4	102.9	93.3	93.2	89.8	89.4
Arecanut	7.68	100.0	102.1	102.7	109.0	116.9	122.2	125.5	128.6	135.0	146.1	161.3
Banana	1.22	100.0	105.9	101.8	102.8	102.2	88.4	120.8	117.5	122.4	121.3	105.0
Cashewnut	1.93	100.0	117.8	123.6	139.2	144.2	146.2	156.8	157.3	164.4	167.0	173.2
Tobacco	0.18	100.0	104.6	106.3	129.1	150.4	139.0	137.3	137.4	137.4	136.0	137.4
Tapioca	8.12	100.0	102.6	107.3	115.7	116.4	113.7	106.5	174.2	190.7	213.8	136.3

TABLE 1.22

Index Numbers of Agricultural Productivity

(Base 1956-57—100)

Crops	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
All Crops	100.0	99.4	102.0	104.6	103.2	102.3	104.2	106.1	107.9	103.9
FOODGRAINS	100.0	103.7	107.5	117.1	118.7	115.7	118.4	121.7	121.5	108.2
Cereals	100.0	103.5	106.6	116.1	117.7	114.8	117.2	120.5	120.3	106.9
Paddy	100.0	103.5	106.6	116.1	117.8	114.7	117.2	120.6	120.4	106.9
Jowar	100.0	101.7	96.8	96.9	96.9	97.4	97.4	94.0	94.2	81.2
Ragi	100.0	105.2	105.9	106.8	105.1	107.1	106.9	105.8	105.2	101.7
Pulses	100.0	101.5	102.4	102.1	102.2	101.2	100.9	100.4	100.6	100.2
NON-FOOD CROPS	100.0	96.7	98.4	97.8	95.2	94.5	97.1	98.4	100.6	99.5
Oil seeds	100.0	98.2	99.3	98.7	93.9	94.1	95.3	94.2	92.7	92.5
Coconut	100.0	99.8	100.0	100.0	94.1	94.2	95.6	93.3	91.4	87.0
Groundnut	100.0	68.6	93.1	84.0	72.4	72.3	71.0	120.4	126.4	139.4
Sesamum	100.0	98.3	90.8	76.0	65.7	66.3	66.6	66.6	61.4	60.9
Lemongrass oil	100.0	82.0	101.9	97.4	108.8	109.7	103.8	106.7	108.9	108.9
Fibres	100.0	100.6	89.8	89.5	98.1	97.6	88.5	91.6	102.8	87.9
Cotton	100.0	100.6	89.8	89.5	98.1	97.6	88.5	91.6	102.8	87.9
PLANTATION CROPS	100.0	88.5	93.5	93.7	87.0	81.3	83.4	88.0	92.8	93.2
Tea	100.0	99.2	122.4	122.4	122.4	115.9	114.7	121.9	122.0	112.6
Coffee	100.0	96.4	94.5	95.5	95.5	95.4	95.8	92.7	95.4	90.7
Rubber	100.0	83.0	78.1	78.3	71.3	71.3	80.0	89.9	103.6	119.3
MISCELLANEOUS CROPS	100.0	97.7	97.2	97.3	98.4	99.1	102.6	103.0	106.9	108.0
Sugarcane	100.0	87.7	87.4	88.3	90.2	88.5	96.3	100.7	100.2	96.4
Pepper	100.0	92.9	89.6	88.2	86.5	86.2	78.7	72.1	71.3	69.5
Cardamom	100.0	99.9	99.9	99.9	99.9	99.6	99.6	99.6	99.8	99.8
Ginger	100.0	94.4	81.4	81.4	87.5	88.0	88.3	88.0	88.2	88.2
Turmeric	100.0	100.0	100.0	99.9	99.9	99.8	99.6	94.5	94.4	94.1
Arecanut	100.0	98.9	101.7	101.7	106.9	106.9	107.8	107.8	107.9	107.7
Banana	100.0	100.0	100.0	100.0	100.0	87.6	110.1	119.9	111.9	111.9
Cashewnut	100.0	100.0	100.0	99.3	99.3	89.4	111.5	111.6	111.7	111.6
Tobacco	100.0	99.5	100.0	103.1	100.8	98.4	97.2	97.2	97.2	96.2
Tapioca	100.0	100.0	100.3	100.3	100.3	100.3	100.3	100.3	110.2	112.5

TABLE 1.23

## Average Farm Prices of some Important Commodities

(In Rupees)

Name of Crop	Unit	1952-53	1954-55	1955-56	1956-57	1957-58	1960-61	1961-62
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Paddy	Quintal	29.32	28.36	30.02	36.95	34.49	40.51	43.72
Pepper (Black)	"	932.35	311.01	258.24	179.22	149.01	404.59	348.38
Ginger (Dry)	"	137.21	252.21	273.73	117.26	69.38	117.50	119.30
Coconut (with husk)	1000 nuts	161.66	145.79	142.79	157.47	180.39	215.05	213.99
Arcacanut	"	14.63	19.26	19.27	20.18	23.44	27.34	29.74
Banana	100 "	6.70	5.62	5.58	6.05	6.54	6.73	8.53
Tapioca	Quintal	9.64	4.18	4.85	9.75	8.46	7.74	10.18
Cashewnut	"	65.95	53.47	50.15	57.20	48.33	77.32	63.65

Commodity	Centre	1962-63	1963-64	1964-65	1965-76	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Paddy	Quintal	41.02	43.04	65.78	87.77	106.76	140.48	111.98	100.31
Pepper	"	249.60	262.29	342.69	359.39	352.34	321.16	329.92	559.54
Ginger	"	205.99	284.96	311.09	253.60	238.99	281.90	569.01	866.13
Coconut (with husk)	1000 nuts	247.60	239.86	267.70	395.10	369.86	455.00	392.70	498.40
Arcacanut	"	28.00	30.80	34.20	39.74	35.20	38.96	39.00	40.20
Banana	100 "	8.80	9.00	10.30	11.62	13.70	16.08	16.99	17.18
Tapioca	Quintal	9.62	8.58	17.39	17.49	17.63	22.14	20.55	18.48
Cashewnut	"	56.55	74.71	83.48	92.08	106.13	116.68	123.86	146.42

TABLE 1.24

## Average Wholesale Prices of Important Commodities

(In Rupees)

Commodity	Centre	Unit	Variety	1956	1957	1960	1961	1962	1963	1964
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1 Rice	Trivandrum	Quintal	Chumpala	52.15	53.99	58.43	62.15	63.03	62.29	74.12
	Ernakulam	"	"	50.58	53.66	61.46	66.19	63.51	62.32	74.89
	Kozhikode	"	Tanjore	N.A.	N.A.	61.84	64.90	67.11	63.76	75.21
2 Copra	Alleppey	"	Sundried	95.64	122.64	163.84	160.23	180.31	190.40	184.90
3 Coconut Oil	Cochin	"	Mill	137.54	173.11	239.73	234.01	260.51	277.47	267.72
4 Coconut Cake	Cochin	"	"	29.77	33.93	42.19	40.77	49.24	51.15	52.26
5 Coir	Cochin	"	Paruryarn	84.72	76.91	80.89	108.88	106.43	103.67	109.64
6 Ginger	Alleppey	"	Dry	219.60	97.92	152.60	124.84	174.54	244.35	346.16
	Cochin	"	"	225.57	92.20	161.24	129.28	172.88	259.87	359.37
7 Turmeric	Cochin	"	Alleppey	97.30	37.10	105.59	125.96	143.62	150.80	134.73
8 Arcacanut	Alleppey	100 Nos	Kizhakkann ripe	2.55	2.50	3.13	2.98	3.90	2.49	3.14
9 Lemongrass Oil	Cochin	Quintal	80 3Centrol	1523.23	1065.11	1689.19	2224.07	2303.93	1435.50	1137.81
10 Tapioca	Nedumangad	"	Raw	6.88	9.13	7.38	8.02	9.39	8.62	10.01
11 Cashewnut	Quilon	"	Dry	N.A.	N.A.	80.73	76.48	59.00	66.97	84.15
12 Coconut	Alleppey	100 Nos.	"	13.13	16.99	22.12	22.29	24.66	25.80	24.66
13 Rubber	Kottayam	Quintal	RMA(2)	334.66	327.70	353.41	321.92	305.13	310.10	311.30
14 Tea	Mattancherry	"	Sholayar	471.78	434.31	569.00	503.00	503.00	615.00	599.00
15 Pepper	Alleppey	"	Palai							
	Cochin	"	Ungarbled	241.38	187.64	508.46	372.81	292.89	268.13	319.02
		"	ungarbled	241.50	188.18	509.84	378.56	294.43	273.82	327.36

Commodity	Centre	Unit	Variety	1965	1966	1967	1968	1969	1970
(1)	(2)	(3)	(4)	(12)	(13)	(14)	(15)	(16)	(17)
1 Rice	Trivandrum	Quintal	Chumpala	66.89					
	Ernakulam	"	"						
	Kozhikode	"	Tanjore						
2 Copra	Alleppey	"	Sundried	285.63	302.62	339.78	353.68	338.42	476.65
3 Coconut oil	Cochin	"	Mill	411.63	442.59	486.36	477.23	490.05	665.69
4 Coconut cake	Cochin	"	"	69.49	75.04	85.84	N.A.	85.98	105.32
5 Coir	Cochin	"	Paruryarn (thin)	106.02	108.83	120.68	144.25	150.41	133.99
6 Ginger	Alleppey	"	Dry	298.45	256.80	249.89			
	Cochin	"	"	311.29	276.31	283.65	424.11	791.65	973.85
7 Turmeric	Cochin	"	Alleppey	88.60	88.96	164.95	318.25	523.14	496.15
8 Arcacanut	Alleppey	100 Nos	Kizhakkann ripe	3.74	3.14	N.A.	N.A.	N.A.	4.34
9 Lemongrass oil	Cochin	Quintal	80 Centrol	1100.27	1670.58	2134.34	3660.71	4572.80	3783.74
10 Tapioca	Nedumangad	"	Raw	19.73	17.14	18.18	23.59	16.89	17.17
11 Cashewnut	Quilon	"	Dry	95.29	127.23	121.69	136.22	136.64	162.37
							E. A.	[168.67	186.23]
12 Coconut	Alleppey	100 Nos	"	36.05	40.61	N.A.	NA	39.29	57.69
13 Rubber	Kottayam	Quintal	RMA(2)	345.61	492.14	372.61	420.23	523.68	464.66
14 Pepper	Alleppey	"	Palaiungarbled	378.79	383.21	348.99	336.53	444.67	640.00
	Cochin	"	Ungarbled	386.53	397.09	363.57	349.02	452.30	647.81

TABLE-1.25

## Average retail price of important commodities

Commodity	Unit	1960-61	1961-62	1963-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-99	1969-70	1970-71	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1 Coconut without husk)	100 Nos.	24.26	23.27	26.37	25.98	30.92	45.79	40.44	50.64	43.17	55.92	65.02	
2 Coconut Oil	Litre	2.45	2.35	2.77	2.80	3.21	4.87	4.40	5.31	4.60	5.90	6.71	
3 Rice	Kgs.	N.A.	0.70	0.67	0.73	0.76	0.72	0.76	0.76	1.03	1.03	1.04	
4 Black gram	do.	N.A.	0.78	0.95	0.93	0.97	1.06	1.57	1.93	1.49	1.38	1.60	
5 Gingelly oil	do.	N.A.	3.01	2.89	2.90	3.56	4.44	5.47	4.86	4.70	5.77	5.82	
6 Tapioca	do.	0.13	0.15	0.15	0.14	0.24	0.25	0.26	0.32	0.29	0.27	0.32	
7 Sugar	do.	1.23	1.25	1.25	1.25	1.30	1.35	1.51	1.68	1.73	1.82	1.83	
8 Chillies	do.	2.82	2.59	3.18	2.86	2.54	3.46	5.52	3.10	3.33	6.49	5.78	
9 Coffee	do.	6.04	6.14	6.24	6.49	7.06	7.59	8.52	8.72	9.11	9.28	10.95	
10 Tea	do.	5.91	6.21	5.94	6.07	6.09	6.16	6.72	7.22	7.50	8.10	8.73	
11 Tobacco (Jafna)	do.	7.50	7.91	7.99	8.10	7.60	7.58	7.76	7.96	9.53	9.38	9.47	
12 Tobacco (ordinary)	do.	3.95	4.16	4.49	5.05	5.09	5.03	5.44	6.72	7.46	7.07	7.11	

TABLE 1.26

## Index Numbers of wholesale prices of Agricultural Commodities

(Base 1952-53=100)

Agricultural year	Rice	Molasses	Condiments spices	Fruits and vegetables	Food Crops	Oil Seeds	Plantation crops	Non food crops	All crops
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1955-56	88	64	99	74	87	85	104	91	88
1956-57	108	82	94	98	103	94	98	95	100
1957-58	106	79	106	81	101	117	104	112	105
1958-59	119	82	113	75	109	127	111	120	113
1959-60	123	116	128	94	119	130	111	124	121
1960-61	127	94	125	85	119	147	111	136	125
1961-62	132	83	155	98	128	139	106	129	129
1962-63	123	126	120	89	117	160	103	142	126
1963-64	137	159	128	94	129	167	109	143	134
1964-65	146	128	149	145	146	179	110	158	150
1965-66	137	119	177	145	145	258	122	217	171
1966-67	152	187	171	175	160	242	123	206	177
1967-68	156	312	182	203	173	293	118	240	198
1968-69	207	230	196	205	206	250	134	215	209
1969-70	208	160	234	203	210	311	130	256	227

TABLE 1.27

## Index Numbers of parity between prices received and paid by Farmers

(Base 1952-53-100)

Years	Prices received	Domestic expenditure	Farm cultivation cost	Prices paid	Parity
(1)	(2)	(3)	(4)	(5)	(6)
1953-54	95	96	103	99	97
1954-55	76	89	90	89	85
1955-56	74	91	89	90	82
1956-57	82	102	96	98	83
1957-58	83	103	99	101	82
1958-59	87	111	101	106	83
1959-60	104	116	109	112	93
1960-61	108	119	117	118	92
1961-62	112	123	129	126	89
1962-63	112	125	141	133	84
1963-64	113	134	145	139	81
1964-65	143	150	161	155	95
1965-66	183	163	182	172	106
1966-67	199	178	208	193	98
1967-68	224	193	237	214	105
1968-69	205	204	252	227	90
1969-70	234	214	264	238	99

TABLE 1.28

## Average Agricultural wages

(Paddy Flied - Man)  
(Rupees)

Year/Month	1952-53	1955-56	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Average	1.78	1.48	1.85	2.22	2.42	2.51	2.84	3.20	3.71	4.46	4.73	4.90
July	1.78	1.42	1.83	1.95	2.30	2.47	2.61	3.05	3.48	4.12	4.66	4.88
August	1.81	1.46	1.84	2.07	2.38	2.48	2.67	3.06	3.56	4.24	4.67	4.91
September	1.70	1.44	1.81	2.16	2.37	2.48	2.74	3.11	3.62	4.33	4.67	4.91
October	1.70	1.47	1.84	2.13	2.43	2.48	2.75	3.11	3.62	4.36	4.64	4.91
November	1.76	1.38	1.85	2.17	2.42	2.48	2.82	3.17	3.62	4.43	4.64	4.93
December	1.78	1.50	1.85	2.16	2.40	2.48	2.87	3.11	3.70	4.46	4.64	4.90
January	1.75	1.50	1.88	2.28	2.51	2.50	2.90	3.17	3.72	4.46	4.65	4.90
February	1.81	1.53	1.87	2.26	2.45	2.53	2.90	3.23	3.72	4.48	4.65	4.90
March	1.77	1.50	1.86	2.35	2.42	2.53	2.91	3.29	3.74	4.52	4.74	4.90
April	1.81	1.52	1.86	2.37	2.45	2.53	2.95	3.29	3.88	4.71	4.82	4.90
May	1.80	1.52	1.88	2.34	2.46	2.54	2.96	3.32	3.93	4.70	4.94	4.90
June	1.84	1.50	1.88	2.34	2.47	2.54	2.98	3.41	3.98	4.67	4.94	4.90

TABLE 1.29

## Foreign Exports of Merchandise from the Ports of Kerala

(Value Rs. lakhs)

Commodity	Unit	1951-52		1952-53		1953-54	
		Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 Bricks and Tiles	'000 Nos.	30279	53.24	23641	39.33	26135	41.78
2 Cardamom	Quintal	963	25.01	1875	32.06	1223	22.44
3 Cashew Kernel	M. T.	21211	920.03	25089	1116.44	26231	884.88
4 Cashew Shell liquid	'000 Litres	5839	58.13	5704	59.38	6108	50.49
5 Coffee	M. T.	542	36.38	504	32.25	2042	135.69
6 Coir Yarn & Fibre	"	43641	555.82	50766	430.83	55698	473.66
7 Coir Products	"	N.A.	311.50	N.A.	286.52	N.A.	338.82
8 Cordage and rope of Vegetable fibre	"	1226	13.26	612	4.71	787	5.21
9 Fish & Prawns	"	1925	47.66	5460	101.48	6373	103.10
10 Ginger	"	1208	28.08	1108	16.37	1356	25.50
11 Hides & Skins	"	--	--	--	--	--	--
12 Jute and Jute Products	"	779	34.19	190	3.24	303	6.14
13 Metals, Minerals & Ores	"	53923	29.37	196571	113.57	238963	133.49
14 Manioc Meals	"	--	--	--	--	--	--
15 Lemongrass Oil	'000 Litres	551	128.06	464	39.74	743	72.62
16 Sandal-wood Oil	"	--	--	1	0.45	14	0.27
17 Other Vegetable Oil	"	--	--	10	0.25	28	0.52
18 Oil Cake	M. T.	--	--	--	--	--	--
19 Pepper	"	12412	1778.50	11468	1473.27	12315	959.18
20 Rubber Manufactures	"	--	--	--	0.10	--	0.38
21 Tea	"	32956	1560.25	31649	1455.65	36066	1902.96
22 Turmeric	"	488	3.38	557	6.55	583	10.20
23 Rose wood	Value	--	8.53	--	19.74	--	--
24 Other kinds of wood	"	--	59.44	--	57.89	--	77.59
25 Wood Manufactures	"	--	2.02	--	7.19	--	5.44
26 Others	"	--	105.17	--	237.09	--	231.27
Total:		--	5757.99	--	5534.10	--	5481.63

TABLE 1.29 (Contd.)

## Foreign Exports

(Value in Rs. lakhs)

Commodity	Unit	1954-55		1955-56		1956-57	
		Quantity	Value	Quantity	Value	Quantity	Value
		(9)	(10)	(11)	(12)	(13)	(14)
1 Bricks and Tiles	'000 Nos.	31721	43.56	22579	29.29	4759	6.77
2 Cardamom	Quintal	1639	32.84	2313	50.17	2479	55.16
3 Cashew Kernel	M. T.	32660	1047.50	31033	1307.83	26481	1193.23
4 Cashew Shell liquid	'000 Litres	5923	45.97	4769	34.81	5126	39.60
5 Coffee	M. T.	1357	82.88	1300	93.68	2798	151.03
6 Coir Yarn & Fibre	"	56159	516.23	54725	545.76	57675	583.04
7 Coir Products	"	N.A.	316.07	N.A.	310.93	18678	294.70
8 Cordage and rope of Vegetable fibre	"	619	4.78	730	6.28	326	2.87
9 Fish & Prawns	"	5047	79.34	2180	32.35	4678	124.72
10 Ginger	"	1379	35.33	2269	58.71	4430	61.54
11 Hides & Skins	"	..	..	..	..	31	3.25
12 Jute and Jute Products	"	N.A.	13.74	409	10.71	792	18.80
13 Metals, Minerals & Ores	"	232901	140.01	221071	137.11	316406	200.37
14 Manioc Meals	"	..	..	756	1.82	105	0.61
15 Lemongrass Oil	'000 Litres	647	104.73	881	130.76	1214	147.14
16 Sandal wood Oil	"	4	3.45	3	4.48	17	9.51
17 Other Vegetable Oil	"	237	3.31	914	12.02	27	0.53
18 Oil Cake	M. T.	404	1.31	2098	5.94	1342	3.50
19 Pepper	"	12800	559.80	11283	378.15	14765	342.35
20 Rubber Manufactures	"	..	0.27	..	0.41	..	2.17
21 Tea	"	32471	2196.85	33947	1992.19	32235	1975.43
22 Turmeric	"	793	19.36	928	15.65	730	4.34
23 Rose wood	Value	..	..	..	114.80	..	78.66
24 Other kinds of wood	"	..	81.40	..	3.14	..	0.96
25 Wood Manufactures	"	..	4.74	..	385.54	..	232.69
26 Others	"	..	257.92	..	..	..	..
<b>Total</b>		..	5591.39	..	5662.53	..	5532.97

## Foreign Exports

57.58

58.55 Value in Rs. lakhs

59.60

(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)
1 Bricks and Tiles	'000 Nos.	21378	28.18	16836	21.84	20639	30.08
2 Cardamom	Qtl.	2551	56.73	2640	58.41	2263	51.73
3 Cashew Kernel	M. T.	63917	1635.39	37394	1427.75	36418	1572.56
4 Cashew Shell Liquid	'000 Litres	4372	35.81	3662	29.59	4318	35.29
5 Coffee	M. T.	1656	96.93	6132	286.16	4889	209.21
6 Coir Yarn and Fibre	"	51463	484.49	52124	474.62	52904	520.55
7 Coir Products	"	17609	266.66	20122	304.88	19897	289.99
8 Cordage and rope of Vegetable fibre	"	113	0.96	144	1.24	155	1.41
9 Fish & Prawns	"	6018	149.80	4680	159.68	3592	121.12
10 Ginger	"	2435	22.60	2804	29.82	2275	37.44
11 Hides & Skins	"	20	2.06	166	18.90	151	21.93
12 Jute and Jute Products	"	489	12.42	NA	10.09	400	9.88
13 Metals, Minerals and Ores	"	333759	212.51	323790	203.63	289136	179.57
14 Manioc meals	"	12071	27.36	72524	170.41	4252	8.32
15 Lemongrass Oil	'000 Litres	1460	138.41	1350	92.75	1238	141.43
16 Sandal wood Oil	"	9	8.21	12	11.70	11	13.35
17 Other Vegetable Oil	"	42	1.20	63	2.58	8	2.60
18 Oil Cake	M. T.	731	1.58	3584	18.14	1807	6.54
19 Pepper	"	10956	224.88	10413	224.32	21293	911.29
20 Rubber Manufactures	"	..	0.39	6	0.14	8	0.37
21 Tea	"	41275	2281.50	36715	2080.83	36226	2040.07
22 Turmeric	"	904	7.00	878	8.85	900	11.84
23 Rose wood	Value	..	88.83	..	48.72	..	168.99
24 Other kinds of wood	"	..	5.10	..	52.01	..	23.61
25 Wood Manfrs.	"	..	0.58	..	0.94	..	1.44
26 Others	"	..	245.95	..	242.40	..	323.50
<b>Total</b>		..	6025.53	..	5980.40	..	6734.10



TABLE 1.29 (Contd.)

## Foreign Exports

		Value in Rs. lakhs						
		60-61	61-62	62-63				
(1)	(2)	(21)	(22)	(23)	(24)	(25)	(26)	
1	Bricks and Tiles	'000 Nos.	27382	43.18	15444	23.18	6074	11.54
1	Cardamom	Qtl.	3696	76.97	4048	66.82	4603	61.70
3	Cashew Kernel	M. T.	36394	1693.57	41635	1688.53	45931	1843.33
4	Cashew Shell Liquid	'000 Litres	5183	48.53	5954	57.41	7175	77.03
5	Coffee	"	9490	327.26	9619	245.74	10170	375.21
6	Coir Yarn and Fibre	"	47679	516.44	56168	746.04	56221	766.34
7	Coir Products	"	17748	301.33	16415	315.42	17339	332.64
8	Cordage and rope of Vegetable fibre	"	112	1.22	227	2.63	462	5.24
9	Fish & Prawns	"	5067	191.04	6498	258.54	7007	350.34
10	Ginger	"	4513	66.84	5220	84.10	3814	81.38
11	Hides and Skins	"	151	20.31	49	7.43	61	8.68
12	Jute and Jute Products	"	365	10.38	205	6.59	207	6.15
13	Metals, Minerals and Ores	"	182370	106.66	133987	75.74	117751	80.84
14	Manioc meal	"	28740	61.36	11940	39.71	6799	19.08
15	Lemongrass Oil	'000 Litres	1145	200.76	996	274.38	1180	215.58
16	Sandal-wood oil	"	11	20.73	13	24.90	16	24.16
17	Other Vegetable Oil	"	8	3.94	1	1.11	2059	26a18
18	Oil Cake	M. T.	1477	4.75	1339	4.03	2665	9.11
19	Pepper	"	15921	723.90	20635	756.79	18400	562.48
20	Rubber manufactures	"	10	0.40	18	0.57	42	1.19
21	Tea	"	36529	2069.83	36007	1987.48	45444	2410.47
22	Turmeric	"	1069	15.02	1221	20.34	1147	19.92
23	Rose-wood	Value	..	173.96	..	232.98	..	350.77
24	Other kinds of woods	"	..	9.27	..	1140	..	12.67
25	Wood Manfrs:	"	..	0.58	..	1.39	..	1.69
26	Others	"	..	283.70	..	297.30	..	364.41
Total		..	6971.91	..	7233.05	..	8018.13	..

## Foreign Exports

		(Value in Rs. lakhs)						
		63-64	64-65	65-66				
(1)	(2)	(27)	(28)	(29)	(30)	(31)	(32)	
1	Bricks and Tiles	'000 Nos.	3320	5.64	1870	2.86	..	..
2	Cardamom	Qtl.	4404	69.68	3536	47.93	2056	61.83
3	Cashew Kernel	M.T.	51701	2207.34	52088	2877.26	48626	2602.45
4	Cashew Shell Liquid	'000 Litres	10458	142.47	13024	231.62	12250	171.67
5	Coffee	M. T.	11806	433.93	10246	442.72	9679	443.38
6	Coir Yarn and Fibre	"	55880	739.19	53011	718.00	46409	657.65
7	Coir Products	"	19987	398.47	18414	370.07	17080	361.24
8	Cordage and Rope of Vegetable fibre	"	298	3.26	41	0.57	38	0.57
9	Fish & Prawns	"	7973	379.50	9773	528.24	10359	735.81
10	Ginger	"	3210	96.53	3648	124.51	2684	82.83
11	Hides and Skins	"	75	11.64	46	7.00	14	3.01
12	Jute and Jute Products	"	260	7.86	60	1.75	80	2.29
13	Metals, Minerals and Ores	"	22787	14.15	10062	12.52	30933	29.94
14	Manioc meal	"	19289	27.43	104	0.55	13	0.11
15	Lemongrass Oil	'000 Ltrs:	865	128.64	1094	131.73	296	38.43
16	Sandal-wood Oil	"	13	17.73	13	19.66	13	18.92
17	Other Vegetable Oil	"	1140	16.92	15	8.30	68	3.42
18	Oil Cake	M. T.	1863	5.87	7940	12.80	1578	5.91
19	Pepper	"	17526	557.95	18505	756.46	24477	1027.37
20	Rubber Manufactures	"	41	2.15	29	1.49	N.A.	16.19
21	Tea	"	39975	2106.83	49223	2132.97	45254	2209.63
22	Turmeric	"	1532	27.10	265	3.57	2012	29.12
23	Rosewood	Value	..	136.47	..	146.90	..	131.05
24	Other kind of woods	"	..	4.04	..	9.21	..	7.28
25	Wood Manfrs:	"	..	5.16	..	6.89	..	3.82
26	Others	"	..	320.47	..	494.94	..	361.54
Total		..	7866.42	..	9090.52	..	9005.46	..

TABLE 1.29 (Contd.)

## Foreign Exports

(Value in Rs. lakhs)

		66.67	67.68	68.69			
(1)	(2)	(33)	(34)	(35)	(36)	(37) (38)	
1 Bricks and Tiles	'000 Nos,	4826	233.04	5334	0.19	4007	216.93
2 Cardamom	Qtl:	49465	4352.05	56220	243.45	61560	5790.18
3 Cashew Kernel	M. T.	10185	179.89	7920	5091.81	9465	114.82
4 Cashew Shell Liquid	'000 Ltrs:	13406	788.57	17599	115.98	15388	927.95
5 Coffee	M. T.	42936	881.45	44631	1013.60	40202	853.27
6 Coir Yarn and Fibre	"	19077	609.63	17007	839.15	15716	476.35
7 Coir Products	"				518.23		
8 Cordage and Rope of Vegetable fibre	;;	193	3.85	134	2.63	152	2.87
9 Fish & Prawns	"	13102	1519.41	14598	1599.32	18630	2131.67
10 Ginger	"	2452	82.91	1811	60.08	767	41.51
11 Hides & Skins	"	9	4.17	8	2.97	3	0.82
12 Jute and Jute Products	"	42	2.27	61	2.78	59	2.93
13 Metals, Minerals and Ores	"	25263	52.34	35459	37.24	66485	188.18
14 Maniocmeal	"	290	0.87		0.01		
15 Lemon grass Oil	'000 Ltrs:	362	84.08	304	73.93	116	51.72
16 Sandalwood Oil	"	17	38.13	9	24.48	4	10.88
17 Other Vegetable Oil	"	8	5.81	5	1.97	10	2.03
18 Oil Cake	M. T.	960	3.81	1730	8.20	5514	32.51
19 Pepper	"	20020	1127.63	25104	1298.93	17775	918.67
19 Rubber Manufactures	"	NA	30.46	NA	15.51		7.26
28 Tea	"	38421	2873.00	47277	3346.23	4157	2779.28
22 Turmeric	"	1141	19.71	1248	36.09	887	46.53
23 Rosewood	Value		260.87		334.79		383.36
24 Other kinds of wood	"		13.57		21.16		20.90
25 Wood manufactures	"		9.12		11.80		23.12
26 Others	;;		585.17		1132.51		949.43
Total			13761.81		15833.04		15973.17

TABLE 1.30

## Estimates of State Domestic Product by Industry of Origin at Constant Prices Kerala

(A) AT 1960-61 PRICES

Year	Agriculture (Rs. lakhs)	Mining and Industries (Rs. lakhs)	Services (Rupees lakhs)	Net Domestic Product		Per capita income	
				Rupees lakhs	Index base 1960-61	Rupees	Index base 1960-61
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1960-61	25429	7859	12910	46198	100.0	276.3	100.00
1961-62	24941	8312	46760	46760	101.2	272.4	98.59
1962-63	25961	8481	14077	48519	105.0	275.5	99.70
1963-64	27354	8687	15025	51066	110.5	282.8	102.34
1964-65	28194	8837	15708	52799	114.3	285.3	103.26
1965-66	28016	9415	16468	53899	116.7	284.4	102.92
1966-67	29722	9396	17019	56137	121.6	289.4	104.73
1967-68	31098	9689	18166	58953	127.6	297.1	107.51

## Estimates of State Domestic Product by Industry of Origin - Kerala

(B) AT CURRENT PRICES \*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1960-61	25429	7859	12910	46198	100.0	276.3	100.00
1961-62	26196	8128	14535	48859	105.8	284.7	103.01
1962-63	27959	8703	16107	52769	114.2	299.6	108.43
1963-64	30197	9228	18326	57751	125.0	319.8	115.73
1964-65	35885	9935	20690	66510	144.0	359.4	130.07
1965-66	42642	10821	23138	76601	165.8	404.2	146.27
1966-67	50542	12204	25930	88676	192.0	457.2	165.43
1967-68	60059	11986	28165	100210	216.9	505.0	182.74

\* Provisional

TABLE 1.30 (Contd.)

## Estimates of State Domestic Product by Industry of origin Kerala -Percentage Distribution

(C) AT 1960-61 PRICES \*

Sector	1960-61	1961-62	1961-63	1963-64	1964-65	1965-66	1966-67	1967-68
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1 Agriculture	55.0	53.3	53.5	53.6	53.4	52.0	53.0	52.7
2 Mining and Industries	17.0	17.8	17.5	17.0	16.9	17.5	16.7	16.4
3 Services	28.0	28.9	29.0	29.4	29.7	30.5	30.3	30.9
4 Net Domestic product	100.00	100.0	100.0	100.0	100.0	100.0	100.0	100.0

## Estimates of State Domestic Product by Industry of origin Kerala Percentage Distribution

(D) AT CURRENT PRICE \*

Sector	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1 Agriculture	55.0	53.6	53.0	52.3	54.0	55.7	57.0	60.0
2 Mining and Industries	17.0	16.6	16.5	16.0	15.0	14.1	13.8	12.0
3 Services	28.0	29.8	30.5	31.7	31.0	30.2	29.2	28.0
4 Net domestic product	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

\* Provisional

TABLE 1.31(a)

## Agricultural Machinery and implements 1966

Machinery and implements (1)	Kerala (2)	Trivandrum (3)	Quilon (4)	Alleppey (5)	Kottayam (6)	Ernakulam (7)	Trichur (8)	Palghat (9)	Kozhikode (10)	Cannanore (11)
1 Ploughs										
(i) Wooden	475930	20060	37978	18235	24037	63879	49481	134976	72009	55275
(ii) Iron	17179	1222	3825	3329	660	2016	1711	2069	1433	914
2 Improved harrows of cultivators	38503	3551	6825	6345	5881	2488	3884	4227	3105	2197
3 Improved seed drills	567	37	183	126	8	73	25	39	31	45
4 Improved threshers	60	..	1	..	6	9	3	34	4	3
5 Tottary chaff cutters	96	..	7	6	1	9	16	17	19	21
6 Sprayers & dusters	20586	1188	2152	3509	3942	1434	2835	2528	1526	1472
7 Carts	16309	1218	1702	911	1012	739	2247	7440	595	445
8 Sugarcane Crushers										
(i) Worked by power	457	15	48	63	48	38	62	139	25	19
(ii) Worked by bullocks	989	41	94	65	230	143	164	118	59	75
9 Oil engines with Pumps for irrigation purposes	6824	9	15	441	124	646	1116	1481	1122	1870
10 Electric Pumps for irrigation purposes	4869	5	32	405	258	1276	1940	739	138	76
11 Persian wheels or Rahats	10987	39	358	8868	464	473	551	191	36	7
12 Tractors										
(i) Government	116	2	6	21	12	6	27	25	2	15
(ii) Private	302	5	17	36	49	29	48	83	24	11
13 Two wheels walking tractors or power tillers	185	1	31	67	10	23	20	16	8	9
14 Chanis:										
(i) Five kilograms and more	692	39	81	127	28	26	56	48	205	82
(ii) Less than five kilograms	628	14	110	142	52	41	54	31	132	52

Source: Department of Animal Husbandry Tenth Quinquennial Livestock Census 1966

TABLE 1.31(b)

## Improved Agricultural Machinery &amp; Implements December 1970

District	No. of Blocks in each District	No. of Blocks responded	Tractors		Power tillers		Threshers	Sugar cane crushers	Pumpssets		Sprayers		Dusters		
			Imported	Indigenous	Imported	Indigenous			power	Bull diesel	Electric	power Ordinary	power Ordinary		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trivandrum	12	12	7	2	13	9	54	..	..	390	79	30	605	3	261
Quilon	17	15	22	1	57	5	121	9	35	171	197	81	831	9	178
Alleppey	17	16	44	3	48	3	10	..	30	1069	352	138	1324	..	141
Kottayam	13	12	51	7	30	11	46	8	164	348	433	185	3907	16	678
Ernakulam	17	17	156	79	91	16	245	7	18	2705	3018	60	4089	10	250
Trichur	17	17	67	19	54	15	410	..	1	3126	3280	168	2801	52	465
Palghat	12	12	392	73	27	23	762	31	3	2810	1754	185	1998	23	381
Malappuram	13	11	25	6	14	3	49	..	..	2455	304	13	1105	..	245
Kozhikode	14	12	64	34	10	8	102	..	1	460	87	81	805	55	269
Cannanore	12	12	55	3	24	4	114	..	12	2763	195	87	1755	13	425
Kerala	144	136	883	227	368	97	1913	55	264	16297	9699	1028	19220	181	3293

Source: Data Collected from Block Offices through mailed questionnaire.

TABLE 1.32

## Live Stock Population in Kerala

Item	Number in thousands as per			
	1951 census	1956 census	1961 census	1966 census
(1)	(2)	(3)	(4)	(5)
<b>Cattle</b>				
(a) Males over 3 years	7.8	11.0	11.2	6.9
(i) Breeding bulls	571.3	553.2	531.9	503.7
(ii) Working bullocks	36.8	37.7	26.1	8.9
(iii) Not used for breeding or work	615.9	601.9	569.2	519.5
Total				
(b) Females over 3 years	316.5	396.4	434.5	483.4
(i) Breeding cows (a) in milk	569.1	575.3	644.6	727.0
(b) Dry and not calved	3.9	7.1	14.3	3.6
(ii) Working cows	13.7	19.2	39.4	5.2
(iii) Not used for breeding or work	903.2	998.0	1132.8	1119.2
Total	665.8	910.5	984.4	1118.0
(c) Young stock	2184.9	2510.4	2686.4	2856.7
Total cattle				
<b>Buffaloes</b>				
(a) Males over 3 years	3.2	4.0	3.1	1.1
(i) Breeding	252.7	247.3	268.2	246.1
(ii) Working	11.3	5.9	6.6	6.7
(iii) Not used for breeding or work	267.2	257.2	277.9	253.9
Total				
(b) Females over 3 years				
(i) Breeding	53.4	61.3	60.6	66.7
(a) In milk	60.3	63.8	61.6	61.9
(b) Dry and not calved	9.6	10.1	8.2	4.6
(ii) Used for work	3.3	3.3	5.8	1.6
(iii) Not used for breeding or work	126.6	138.5	136.2	134.8
Total	73.5	91.9	71.3	82.6
(c) Young Stock	467.3	487.6	485.4	471.3
Total Buffaloes	432.2	97.8	36.2	11.5
Sheep	412.8	955.6	1252.1	1189.2
Goats	124.7	113.7	146.5	111.9
Pigs	1.8	3.1	..	0.4
Others	3623.6	4162.2	4606.8	4641.0
Total Livestock				

Source: Live stock Census (Dept. of Animal Husbandry)

TABLE 1.33

Statement showing the details of Livestock and Poultry in Kerala State during 1966

	Trivandrum	Quilon	Alleppey	Kottayam	Ernakulam	Trichur	Palghat	Kozhikode	Cannanore	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Cattle Males	37390	102272	59362	80894	122384	87667	132621	149358	131109	913057
Females	111194	257939	266731	291376	180647	134177	190278	242401	268927	1943670
Total	148584	360211	326093	382270	303031	221844	322899	391759	400036	2856727
Buffaloes Males	19381	14059	9151	7838	12589	40267	132554	36812	23091	295742
Females	23360	12965	6453	10372	8478	25772	36723	29363	23007	175493
Total	42741	27024	15604	18210	21067	66039	168277	66175	46098	471235
Sheep	727	2579	1170	813	583	112	4780	108	647	11519
Goats	128290	137144	80234	160023	143415	115741	158317	163979	102075	1189218
Horse and Ponies	64	10	11	78	19	21	144	38	41	426
Pigs	3799	598	170	63515	37473	1450	369	1234	3320	111928
Other Livestock	11	..	2	119	..	3	183	4	..	322
Total Livestock	324216	527566	423284	625028	505588	405210	654969	623297	552217	4641375
Fowls	799963	972924	971776	1307984	1250254	1000114	941566	1517189	825516	9587286
Duck and drackes and ducklings	3778	4606	168312	59929	54543	21198	2564	3048	773	318751
Others	166	130	219	690	1012	224	207	157	145	2950
Total Poultry	803907	977660	1140307	1368603	1305809	1021536	944337	1520395	826434	9908987

Source: Live Stock Census (Dept. of Animal Husbandry)

Table 1.34  
Marine Fish Landings in Kerala

(Quantity in tonnes)

Species	1151	1156	1961	1963	1964	1965	1966	1967	1968	1969	1970
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1 Oil Sardine	15160	5065	166005	58950	190401	219170	202800	235410	247048	139983	191523
2 Other Sardine	17500	13461	5212	9310	13808	18962	8680	9038	7723	9485	5992
3 Mackerel	59314	8986	20043	48917	9657	18048	10747	4500	3600	29981	54704
4 Prawns	8766	14097	20541	22044	35292	14541	28936	27310	25568	34803	38558
5 Cat fish	2913	9362	3113	2007	2248	3565	5793	7536	4173	6245	16390
6 Seer fish	751	1878	2883	1586	1906	1513	1263	1353	3787	1010	1757
7 Tunnies	349	1755	4503	2286	1342	1831	1197	1445	1850	978	1302
8 Pomfret	5873	2647	654	1249	1077	435	562	1661	973	1177	695
9 Lactarius	*11055	3219	1516	2168	990	1332	2393	4824	1771	1301	1441
10 Ribbon fish	7804	4046	4046	1279	169	13826	21102	6841	992	7446	4919
11 Elasmobranchs	12126	6208	8403	10490	7217	5969	8080	7330	4175	5759	7534
12 Anchoviella	†26488	†9611	6112	12084	10461	2718	8816	11606	5652	10486	7598
17 Sciaenids	5739	7563	2501	1674	3647	3267	4921	4310	3630	3195	5769
14 Caranx	4720	NA	4389	4344	15026	3959	7841	9642	4826	3542	3139
15 Leiognathus	..	8723	6060	4545	9101	9893	12970	11987	7099	14019	16192
16 Soles	1017	7614	5882	7485	4324	7312	4736	3201	9495	10039	10213
17 Others	11457	48378	5630	11960	11308	12832	15907	16135	12939	15338	29007
Total	191032	152213	267493	202380	317974	339173	346744	364129	345301	294787	396733

\* Includes gazza &amp; leiognathus

† Includes thrissocles

Source: Central Marine Fisheries Research Station, Cochin.

Table-1.35

## Average Beach Price of Marine Fish—Kerala

Rs. per Kg.

Species	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71
(8)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(1z)	(11)
1 Oil Sardies	0.09	0.12	0.20	0.12	0.15	0.18	0.19	0.14	0.43	0.37
2 Other Sardive	0.15	0.18	0.26	0.27	0.28	0.14	0.33	0.45	0.53	0.37
3 Mackerel	0.34	0.28	0.28	0.30	0.43	0.47	0.60	0.85	0.68	0.86
4 Prawns	0.24	0.30	0.40	0.42	0.97	0.80	1.15	1.42	1.60	1.80
5 Cat fish	0.28	0.23	0.38	0.43	0.38	0.20	0.31	0.66	0.84	0.43
6 Scer fish	0.24	0.46	0.42	0.51	0.38	0.57	0.85	1.32	1.03	1.99
7 Tunnies	0.30	0.35	0.47	0.48	0.43	0.50	0.74	0.60	1.20	1.10
8 Pomfret	0.28	0.17	0.66	0.59	0.41	0.61	0.65	0.60	1.19	1.49
9 Lactarives	0.26	0.10	0.37	0.44	0.30	0.34	0.38	0.71	0.99	1.49
10 Ribbonfish	0.21	0.10	0.21	0.19	0.30	0.29	0.32	0.80	0.88	0.52
11 Elasmobranchs	0.27	0.28	0.33	0.36	0.38	0.46	0.32	0.80	0.72	0.51
12 Anchoviella	..	0.71	0.45	0.44	0.51	0.19	0.55	0.46	1.29	0.80
13 Sciapids	0.24	0.15	0.18	0.23	0.24	0.24	0.60	0.55	1.29	0.59
14 Soles	0.12	0.19	0.18	0.18	0.16	0.35	0.24	9.38	0.29	0.59
Total	0.14	0.16	0.25	0.17	0.25	0.32	0.38	0.32	0.72	0.74

Source:—Department of Fisheries

Table 1.36

## Exports of Marine Products—Kerala

(Qty. in metric tonnes &amp; value in '000 Rs.)

Items	Unit	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1 Frozen Prawns	Qty. Value	1307.0 6138.0	2607.0 13758.0	4304.1 21023.1	6072.3 35119.8	6849.4 42999.5	9385.9 107007.5	10955.8 125028.5	14557.3 159632.5	18216.0 223473.7
2 Frozen lobster tails	Qty. Value	46.0 264.6	26.0 131.0	52.7 368.3	70.4 692.2	92.3 1189.6	73.1 1536.8	174.1 3290.2	308.8 7091.2	401.3 7663.1
3 Frozen frog legs	Qty. Value	174.0 825.0	358.0 2436.0	289.1 1921.2	1304.3	378.2 2506.2	457.8 5039.8	318.1 3591.1	382.3 4920.8	867.9 13118.0
4 Frozen fish	Qty. Value	.. ..	.. ..	.. ..	.. ..	.. ..	.. 0.2	0.5 2.4	0.2 0.8	.. ..
5 Canned fish	Qty. Value	.. ..	.. ..	.. ..	.. ..	.. ..	0.8 1.8	1.8	..	1.6 12.2
6 Canned Prawns	Qty. Value	699.0 4392.0	1221.0 8039.0	1098.2 6698.2	871.4 6483.8	1089.7 9504.3	1840.2 25527.4	1979.3 26211.4	2100.4 24728.1	1609.2 22899.0
7 Dried prawns	Qty. Value	4837.0 12371.0	2516.0 8367.0	2272.3 7982.9	1876.2 6566.1	1028.1 3781.5	1106.4 5972.7	1562.3 9031.5	997.0 5740.0	915.2 5334.4
8 Dried fish	Qty. Value	.. ..	.. ..	2.5 1.9	0.1 0.4	.. ..	.. ..	.. ..	.. ..	.. ..
9 Others	Qty. Value	17.0 80.0	215.0 275.0	219.8 366.1	633.0 269.0	119.6 121.1	311.7 1316.2	255.2 338.6	135.8 338.3	261.3 790.3
Total	Qty. Value	7080.0 24070.6	6943.0 33006.0	8238.7 38361.7	9742.5 50435.6	9556.9 60102.2	13175.3 146401.2	15245.7 167495.5	18481.8 202451.7	22272.5 272290.7

Source: Marine Products Export Promotion Council, Cochin

Table 1.37

## Average Export Price of Marine Products—Kerala

(Rs. per Kg.)

Items	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Frozen prawns	4.70	5.28	4.88	5.78	6.28	11.40	11.41	10.97	12.27
Frozen lobster tails	5.75	5.04	6.99	9.83	12.89	21.03	18.89	22.96	16.60
Frozen frog legs	4.74	6.80	6.64	5.95	6.63	11.01	11.29	12.87	15.11
Frozen fish	..	..	..	..	..	..	4.48	4.00	..
Canned fish	..	..	..	..	..	4.00	4.50	..	7.62
Canned prawns	6.28	6.58	6.10	7.44	8.72	13.87	13.24	11.77	14.23
Dried prawns	2.56	3.33	3.51	3.50	3.68	5.40	5.78	5.76	5.83
Dried fish	..	..	0.76	4.00	..	..	..	..	..
Others	4.70	1.27	1.66	0.42	1.01	4.22	1.33	2.49	3.03
Total	3.40	4.75	4.66	5.18	6.29	11.11	10.99	10.95	12.22

Source: Marine Products Export Promotion Council, Cochin

TABLE 1.38

## Area of Reserve Forests, Reserved Lands etc.—Kerala

(in '000 hectares)

Particulars	Area as on					
	31st March 1965	31st March 1966	31st March 1967	31st March 1968	31st March 1969	31st March 1970
(1)	(2)	(3)	(4)	(5)	(6)	(7)
A. Reserved forest	.. 883.34	883.19	992.75	882.73	882.73	882.66
B. Reserved land	.. 14.27	17.79	18.98	18.98	18.98	18.98
C. Proposed fuel & fodder	.. 0.12	0.12	0.12	0.12	0.12	0.12

Source: Administration Reports, Department of Forest.

TABLE 1.39 ✓  
 Circle-wise Area of Reserved Forests during the years 1966-67 to 1969-70—Kerala ✓  
 (Area in hectares)

Name of Divisions	Area as on				
	31st March 1966	31st March 1967	31st March 1968	31st March 1969	31st March 1970
(1)	(2)	(3)	(4)	(5)	(6)
<i>Quilon Circle</i>					
Trivandrum ..	56777	56777	56777	56776	56776
Thenmala ..	56782	56782	56761	56761	56761
Punalur ..	28287	28287	28287	28287	28286
Konni ..	33541	33541	33541	33541	33468
Ranni ..	81691	81691	81691	81691	81690
<i>Trichur Circle</i>					
Kottayam ..	87984	87984	87984	87984	87984
Malayattur ..	68049	68047	68047	68047	68047
Munnar ..	85013	85013	85013	85013	85013
Chalakkudy ..	86419	85995	85995	85995	85995
Trichur ..	52342	52338	52338	52338	52336
Periyar Game Sanctuary ..	56461	56461	56461	56461	56461
<i>Kozhikode Circle</i>					
Kozhikode ..	33485	33485	33485	33485	33485
Wynad ..	43987	43987	43987	43987	43987
Nilambur ..	26760	26760	26760	26760	26760
Palghat ..	37196	37196	37196	37196	37196
Nenmara ..	48411	48411	48411	48411	48411
I. P., Perumbavoor ..	..	..	..	Nil.	Nil.
<b>Total</b>	<b>883185</b>	<b>882755</b>	<b>882734</b>	<b>882733</b>	<b>882656</b>

Ref:—Administration Reports—Department of Forest.

TABLE 1.40 ✓  
 Area of reserved lands during the years 1966-67 to 1969-70—Kerala ✓  
 (Area in hectares)

Name of Division	Area as on				
	31st March 1966	31st March 1967	31st March 1968	31st March 1969	31st March 1970
(1)	(2)	(3)	(4)	(5)	(6)
<i>Quilon Circle</i>					
Trivandrum ..	582	582	582	582	582
Thenmala ..	..	..	..	..	..
Punalur ..	..	..	1102	1102	1102
Konni ..	1102	1102	1102	1102	1102
Ranni ..	717	717	717	717	717
<i>Trichur Circle</i>					
Kottayam ..	526	526	526	526	526
Malayattur ..	..	1	1	1	1
Munnar ..	3541	4726	4726	4726	4726
Chalakkudy ..	..	..	..	..	..
Trichur ..	..	..	..	..	..
Periyar Game Sanctuary ..	..	..	..	..	..
<i>Kozhikode Circle</i>					
Kozhikode ..	3537	3538	3538	3538	3538
Wynad ..	1957	1957	1957	1957	1957
Nilambur ..	5718	5718	5718	5718	5718
Palghat ..	112	112	112	112	112
Nenmara ..	..	..	..	..	..
I. P. Circle, Perumbavoor ..	..	..	..	..	..
<b>Total</b>	<b>17792</b>	<b>18979</b>	<b>18979</b>	<b>18979</b>	<b>18979</b>

Source: Administration Reports—Department of Forest.



TABLE 1.41  
Out-turn of Timber and Firewood—Kerala

Sl. No.	Item	Unit	1965-66	1966-67	1967-68	1968-69	1969-70
			(3)	(4)	(5)	(6)	(7)
1	A Round logs	C. M.	437677	504442	268403	482864	515417
	(i) Teak	C. M.	27875	36549	46672	43644	42574
	(ii) Others	C. M.	409802	467893	221731	439220	472843
2	B Sawn & Squared timber	C. M.	3474	129	125	1416	87
	(i) Teak	C. M.	11	8	122	13	78
	(ii) Others	C. M.	3463	121	3	1403	9
3	Round poles	C. M.	251019Nos.	422985	284658	288543	211607
4	Fire wood	Tonnes	163255	257160	7878	229734	251613
5	Sanjal wood	Kgs.	76427	116171	105000	1923	4620
6	Other slabs	Nos.	..	485	87	Nil.	..
7	Teak Kappulal	Nos.	..	11659	2481	Nil.	..
8	Irony	Kgs.	165.4	318	685	50	1116

Source: Administration Reports—Department of Forest.

TABLE 1.42  
Revenue from Forests—Kerala

Year	Total Forest area (hectare)	Receipts from the sale of		Minor Produce (Rs. lakhs)	Other receipts (Rs. lakhs)	Gross receipts (Rs. lakhs)	Refunds (Rs. lakhs)	Net receipts (Rs. lakhs)	Gross receipts per hectare (in Rs.)	Net receipts per hectare (in Rs.)
		Timber (Rs. lakhs)	Fuel (Rs. lakhs)							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1955-56	1056076	525.2	7.0	12.7	29.0	573.9	3.5	570.4	54.35	54.01
✓ 1966-67	1055832	601.1	8.3		60.1	669.5	3.9	665.6	63.41	63.04
1967-68	1055810	681.5	10.5	19.1	37.4	748.5	4.3	744.3	69.96	69.55
1968-69	1055810	751.6	7.6	31.3	42.1	832.6	4.1	828.5	78.86	78.47
✓ 1969-70	1055733	825.6	11.0	17.5	32.8	886.9	4.0	882.9	84.01	83.63

J The receipts from minor produce during 1966-67 are accounted under other receipts in column (6).  
Source: Administration Reports—Department of Forests.

TABLE 1.43  
Five Year Plan Financial Target & Achievement

(Rs. in Crores)

Head of Development	I Plan		II Plan		III Plan		Annual Plans				IV Plan			
	1951-56		1956-61		1961-66		1966-67		1967-68		1968-69		Target	Achievement
	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement		
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1. Agriculture and Community Development	5.70	2.48	15.79	13.37	42.95	36.72	12.42	12.97	12.18	12.63	10.92	13.29	57.73	
2. Irrigation and Power	17.63	15.71	32.09	30.84	59.19	76.21	18.23	18.51	19.43	18.65	18.04	17.26	109.53	
3. Industry and Mining	1.12	0.51	6.84	6.19	17.20	14.62	3.20	3.48	4.20	5.54	3.81	4.33	22.13	
4. Transport and Communications	2.58	3.35	5.57	8.24	10.88	11.87	2.38	2.87	2.23	3.48	3.51	4.32	19.65	
5. Social Services	3.00	3.84	23.81	23.79	38.26	41.92	8.23	7.09	8.07	8.09	10.15	11.43	48.86	
6. Miscellaneous	..	..	2.90	2.62	1.52	0.28	0.07	0.01	0.10	0.19	0.16	0.23	0.50	
Total	30.03	25.89	87.00	85.05	170.00	181.62	44.53	44.93	46.21	48.58	46.59	50.86	258.40	

TABLE 1.44

Target and achievements in Five Year Plans &amp; Annual Plans

(Rs. in lakhs)

Schemes	III Plan		Annual Plans				IV Plan			
			1966-67		1967-68		1968-69		Target	Achievement
	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement		
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Agricultural Production	1433.54	1071.85	400.85	425.18	332.40	372.55	350.45	502.13	1700.00	
Minor Irrigation	572.00	560.31	216.90	192.37	240.53	218.40	219.19	242.25	950.00	
Soil Conservation	120.00	107.90	66.45	85.47	45.19	55.56	57.42	66.44	300.00	
Animal Husbandry	152.93	176.22	63.52	52.55	57.06	35.15	58.70	66.12	353.50	
Dairying & Milk Supply	60.00	84.78	36.43	31.51	19.29	23.94	15.49	23.48	131.50	
Forests	339.00	210.52	66.43	59.60	82.40	78.23	57.25	49.81	446.00	
Fisheries	450.00	334.01	207.61	238.41	251.62	252.94	180.66	212.15	1100.00	
Warehousing & marketing	44.23	20.81	1.85	1.39	2.33	2.22	2.08	2.00	23.00	
Co-operation	246.16	201.80	35.45	31.00	29.68	23.70	29.52	36.95	200.00	
Community Development	805.00	857.17	140.85	174.62	149.37	190.62	105.71	108.62	469.00	
Panchayats	72.00	46.06	5.24	5.13	7.78	9.88	15.18	19.85	100.00	
Irrigation	1142.00	1029.21	307.89	320.41	239.31	326.67	346.89	464.06	2675.00	
Flood Control	421.00	508.45	15.15	15.71	63.01	42.02	106.75	79.98	653.00	



**SECTION II—INDIA**

SECRET

TABLE 2.1

State/Union Territory	Population of 1971	Decennial growth rates (Percentage increase)		Density of Population 1971 (per Sq. Km.)	Sex ratio (Females per. 1000 males) 1971
		1951-61	1961-71		
(1)	(2)	(3)	(4)	(5)	(6)
India	546955945	21.64	24.57	182	932
STATES	43394951	15.65	20.60	157	977
Andra Pradesh	14857314	35.06	33.51	149	901
Assam	56387296	19.77	21.38	324	955
Bihar	26660929	26.88	29.21	136	936
Gujarat	9971165	33.79	31.36	225	875
Haryana	3424332	17.87	21.76	62	974
Himachal Pradesh	4615176	9.44	29.60	..	882
Jammu & Kashmir	21280397	24.76	25.89	548	1019
Kerala	41449729	24.17	28.04	93	941
Madhya Pradesh	50295081	23.60	27.16	163	933
Maharashtra	29224046	21.57	23.90	152	960
Mysore	515561	14.07	39.64	31	872
Nagaland	21934827	19.82	24.99	141	989
Orissa	13472972	21.56	21.00	268	873
Punjab	25724142	26.20	27.63	75	914
Rajasthan	41103125	11.85	22.01	316	979
Tamil Nadu	88299453	16.66	19.73	300	883
Uttar Pradesh	44440095	32.80	27.24	507	892
West Bengal					
Union Territories and other areas	115090	105.19	81.11	14	644
Andaman & Nicobar Island *	256979	394.13	114.36	2254	749
Chandigarh	74165	39.56	27.95	151	1007
Dadra & Nagar Haveli	4044338	52.44	52.12	2723	802
Delhi	857180	5.14	36.78	225	989
Goa, Daman & Diu	31798	14.61	31.90	994	980
Laccadive, Minicoy & Amindivi Island	1069555	35.04	37.12	48	984
Manipur	983336	25.97	32.02	44	954
Meghalaya	444744	..	32.14	..	908
North East Frontier Agency	471347	16.34	27.71	982	990
Pondicherry	1556822	78.71	36.32	149	940
Tripura					

\*Excluding Jawar & Sentinal  
Source: Census of India 1971.

TABLE 2.2(a)  
Pattern of land Utilisation

Classification of area	('000 hectares)									
	1950-51	1955-56	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64 (P)	1964-65(P)	1965-66(P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
According to Village Pappers	284315	291917	293667	297254	298862	299275	305348	305603	305600	305624
Forests	40482	51343	51406	54021	55769	54542	60843	60997	60348	60258
Not available for cultivation	47517	48396	47455	48333	49997	50471	50360	50235	50631	50712
Permanent pastures and other grazing lands	6675	11473	13090	13679	13900	14109	14106	14601	14808	14956
Land under miscellaneous tree crops and groves	19828	5885	6006	5818	4363	4505	4560	4386	4138	4109
Culturable waste land	22943	21537	20175	19463	19090	18641	17911	17652	17332	17180
Fallow land other than current fallows	17445	12544	23707	23001	11104	10487	10202	10114	9177	9314
Current fallows	10679	11583	(d)	(d)	11488	11126	11025	11195	11304	13266
Net area sown	118746	129156	131828	132939	133157	135352	136341	136422	137862	135829
Area sown more than once	13147	18153	19801	19885	19559	20747	20423	20424	21016	19069
Total cropped area	131893	147311	151629	152824	152716	156099	156764	156846	158878	154898

P—Provisional

Source: Directorate of Economics and Statistics Ministry of Food, Agriculture Community Development and Co-operation

TABLE 2.2(b)  
Pattern of land Utilisation

States	Area according to village Pappers	Forests	Other uncultivated land excluding fallow land				Total	Fallow lands		Total	Net area sown	Area sown more than once	Total cropped area
			Not available for cultivation	Permanent Pastures & other grazing land	Land under Misc. tree crops	Cultivable waste		Fallow lands other than current fallows	Current Fallows				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Andhra Pradesh	27475	6117	4091	1169	311	1420	2900	942	2430	3372	10995	1096	12091
Assam	17873	8142	6371	235	248	186	669	197	157	354	2337*	442*	2779*
Bihar	17330	2937	2543	219	195	639	1053	949	1510	2459	8338	2422	10760
Gujarat	18533	1618	4973	1065	27	542	1634	231	549	780	9528	533	10061
Jamu & Kashmir	4869	2779	926	121	98	136	355	46	92	138	671	186	857
Kerala	3859	1055	339	28	200	108	336	32	33	65	2064	487	2551
Madhya Pradesh	44313	14610	4440	4311	79	2336	6726	1115	893	2008	16529	1257	17786
Madras	13015	1907	2224	343	273	682	1298	624	1028	1652	5934	1132	7066
Maharashtra	30767	5419	2485	1404	170	855	1429	1147	1165	2312	18122	853	18975
Mysore	18738	2689	1794	1707	369	543	2619	680	945	1625	10011	387	10398
Nagaland	1348	263	1038	(b)	(b)	(b)	(b)	(b)	(b)	(b)	47	2	49
Orissa	15540	3591	2542	797	522	1248	2567	127	724	851	5989	1457	7446
Punjab	12281	459	3229	117	13	360	490	..	692	692	7411	1984	9395
Rajasthan	34023	1128	6036	1812	22	6476	8310	2289	2129	4418	14131	840	14971
Utter Pradesh	29429	3775	4504	66	811	1489	2366	548	893	1441	17343	4731	22074
West Bengal	8852	1108	1293	(c)	629	(c)	629(c)	379	(d)	379	5443	948	6391
UNION TERRITORY													
Amindivi, Laccadive & Minicoy island	3	..	..	..	..	..	..	..	..	..	3	..	3
Andaman & Nicobar Islands	649	606	20	3	1	7	11	1	1	2	10	(a)	10
Delhi	148	1	59	1	..	2	3	..	5	5	80	20	100
Goa, Daman & Diu	370	105	37	1	1	93	95	..	..	..	133	6	139
Himachal Pradesh	2897	712	307	1503	31	50	1584	3	13	16	278	166	444
Manipur	2199	602	1407	..	24	..	24	..	1	1	165	9	174
Pondicherry	47	..	10	1	3	1	5	(a)	1	1	31	15	46
Tripura	1066	635	44	53	82	7	142	4	5	9	236	96	332

Source:—Directorate of Economics &amp; Statistics, Ministry of Food, Agriculture, Community Development and Corporation.

(a) Below 500 hectares

(b) Included under Not available for cultivation

(c) Included in Col. 6 (d) included in Col. 8

\* Excludes NEFA for which information report of cols. 10 to 12 in not available.

TABLE 2.3

## Per Capita availability of land 1966-67

Region	Total Reporting Area (Lakh hectares)	Cultivable area (a) (Lakh hectares)	Col. 3 X 100		Per Capita (b)	
			Col. 2		Reporting Area (Hectares)	Cultivable area (Hectares)
(1)	(2)	(3)	(4)		(5)	(6)
<b>STATES</b>	274.75	135.17	49.2		0.68	0.33
Andhra Pradesh	121.50	24.94	20.5		0.85	0.17
Assam	173.30	99.18	57.2		0.32	0.18
Bihar	185.33	101.30	54.7		0.76	0.41
Gujarat	43.99	36.82	83.7		0.48	0.40
Haryana	48.69	7.63	15.7		1.25	0.20
Jamu & Kashmir	38.59	21.18	54.9		0.19	0.11
Kerala	443.13	181.62	41.0		1.17	0.48
Madhya Pradesh	307.67	192.87	62.7		0.66	0.41
Maharashtra	189.25	110.77	58.5		0.69	0.41
Mysore	13.48	0.47	3.5		3.28	0.11
Nagaland	155.40	67.13	43.2		0.77	0.33
Orissa	50.25	41.32	82.2		0.37	0.31
Punjab	340.23	165.10	48.5		1.41	0.68
Rajasthan	130.11	70.05	53.8		0.35	0.19
Tamil Nadu	295.42	178.40	60.4		0.35	0.21
Uttar Pradesh	88.52	58.48	66.1		0.21	0.14
West Bengal						
<b>States Total</b>	2899.61	1492.43	51.5		0.58	0.30
<b>Union Territories</b>	159.86	12.74	8.0		1.43	0.11
<b>INDIA</b>	3059.47	1505.17	49.2		0.60	0.29

Note: (a) Consists of net sown area and current fallows  
(b) Based on estimated population for mid 1967.

TABLE 2.4

## Normal Rainfall in Regions of India (based on data for the period from 1901 to 1950)

(milli -Metres)

Sub Division	January	February	March	April	May	June	July	August	September	October	November	December	Annual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Bay Islands	48.3	33.0	30.2	67.8	349.5	527.3	378.7	402.1	468.4	286.0	231.7	171.5	2994.5
Assam	18.4	38.4	81.5	212.6	337.6	484.3	447.4	396.6	317.1	144.1	30.8	8.9	2517.7
Sub Himalayan													
West Bengal	9.9	20.4	35.6	118.2	329.1	675.0	683.3	574.5	503.6	157.7	14.8	4.1	3126.2
Ganges West													
Bengal	13.1	25.8	27.1	42.6	108.0	241.2	318.0	318.7	206.6	109.4	21.7	3.1	1435.3
Orissa	14.0	25.9	21.4	35.3	70.8	213.2	351.6	335.6	236.5	131.6	39.9	6.4	1482.2
Bihar Plateau	21.2	31.3	19.8	19.1	50.8	196.2	357.8	354.0	218.1	83.4	15.7	4.5	1371.9
U.P. East	14.4	19.6	10.6	15.8	48.0	172.4	311.4	314.0	225.1	59.4	8.8	3.5	1203.0
U.P. West	15.8	18.9	8.7	6.8	14.9	100.5	301.6	295.8	191.2	41.6	5.9	6.0	1007.7
Punjab	23.9	25.3	13.7	8.6	14.7	94.1	288.7	287.9	168.1	25.6	3.9	9.7	964.2
Himachal Pradesh	27.1	26.4	20.9	12.0	12.3	47.8	179.1	171.6	101.0	11.2	2.8	12.5	624.7
Jammu & Kashmir													
Rajasthan West	95.7	96.9	108.3	77.6	52.0	55.2	167.1	174.5	75.5	26.1	15.2	51.4	994.6
do. East	5.4	5.9	4.0	3.4	7.7	28.7	99.3	110.3	40.7	4.4	0.8	2.6	318.2
M.P. East	9.0	6.0	4.7	3.2	8.5	68.3	242.8	228.5	112.0	12.2	4.3	4.6	704.1
M.P. West	13.5	9.7	7.5	4.4	9.4	126.5	349.9	294.6	176.2	29.5	16.8	6.9	1044.9
Gujarat	18.4	26.0	16.9	15.9	16.8	188.8	429.4	394.9	215.5	58.5	15.2	5.5	1401.8
Sourashtra	2.4	2.0	1.4	2.5	6.7	129.9	399.8	241.5	158.4	23.0	7.6	1.3	976.5
Kankan	1.7	2.4	1.3	2.9	6.4	78.6	205.9	104.2	65.9	12.9	3.9	1.5	482.6
Madhya-Maharashtra	2.8	0.8	1.5	5.7	28.9	616.9	1076.1	630.0	373.4	103.3	29.1	3.5	2872.0
Marathwada	5.0	2.3	3.4	11.0	24.0	148.3	281.3	178.6	161.6	68.4	31.4	6.1	921.4
Vidarbha	5.8	5.9	7.2	8.3	15.9	138.2	170.5	140.1	196.0	48.4	29.1	8.2	773.6
Costal Andhra	12.3	18.7	11.3	11.1	12.3	174.8	343.2	257.9	180.8	48.3	21.3	7.5	1099.5
Pradesh													
Telungana	10.1	13.6	12.3	24.8	51.0	103.6	152.5	148.4	165.8	188.6	116.5	21.1	1008.3
Rayalaseema	5.1	15.0	12.3	21.9	22.6	133.4	240.4	189.7	192.9	192.9	24.6	4.0	926.3
Maderas State	9.2	5.8	7.1	19.7	50.1	58.2	80.8	95.8	134.0	112.3	83.1	21.7	677.8
Costal Madras	37.0	16.4	22.9	51.0	73.2	61.5	68.6	95.8	106.4	192.8	195.9	86.6	1008.1
Interior Mysore	2.9	1.7	5.4	30.4	108.7	843.6	1100.1	633.9	284.3	175.1	66.2	12.5	3264.8
do. North													
do. South	2.9	3.1	6.6	27.7	51.2	88.6	127.3	97.7	127.5	95.1	38.7	9.1	675.0
Kerala	4.7	5.3	10.6	49.4	103.0	177.0	311.1	208.8	144.6	150.3	66.6	13.5	1244.9
Arabian Sea Islands	18.8	19.6	46.1	114.9	245.1	667.5	678.4	417.2	240.0	306.2	190.7	51.6	2996.1

Source: The Gazetteer of India, Vol. I, 1965 pp. 113-114.



TABLE 2.5  
Season-wise distribution of rain fall

Rainfall season	Duration	Approximate % to the annual rainfall
(1)	(2)	(3)
South west monsoon	June-September	73.7
Post-monsoon	October-December	13.3
Winter or North-east monsoon	January-February	2.6
Pre-monsoon	March-May	10.4
<b>Total</b>		<b>100.0</b>

Source: Directorate of Economics and Statistics, Government of India, Ministry of Food, Agriculture C.D. and Co-operation.

TABLE 2.6  
Area of Principal Crops in India 1950-51—1968-69

Crop	(in Thousand Hectares)								
	1950-51	1955-56	1960-61	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>Food grains</b>									
Rice	30810	31521	34128	35809	36364	35273	35251	36437	36967
Jowar	15571	17362	18412	18376	17938	17504	18054	18423	18731
Bajra	9023	11338	11469	11103	11726	11563	12239	12808	12052
Maize	3159	3696	4407	4582	4618	4765	5074	5583	5716
Ragi	2203	2307	2515	2471	2437	2256	2316	2291	2238
Small millets	4605	5335	4955	4621	4513	4444	4584	4857	4746
Total Kharif Cereals:	65371	71559	75886	76962	77596	75805	77518	80399	80450
Wheat	9746	12367	12927	13499	13460	12656	12838	14998	15958
Barley	3113	3418	3205	2774	2684	2633	2825	3375	2758
<b>Total Rabi cereals</b>	<b>12859</b>	<b>15785</b>	<b>16132</b>	<b>16273</b>	<b>16144</b>	<b>15289</b>	<b>15663</b>	<b>18373</b>	<b>18716</b>
<b>Total Cereals</b>	<b>78230</b>	<b>87344</b>	<b>92018</b>	<b>93235</b>	<b>93740</b>	<b>91094</b>	<b>93181</b>	<b>98772</b>	<b>99166</b>
Gram	7570	9779	9276	9354	8896	7993	8003	8257	7105
Tur	2181	2287	2433	2517	2496	2483	2521	2665	2529
<b>Total Pulses (including other pulses)</b>	<b>19091</b>	<b>23216</b>	<b>23563</b>	<b>24186</b>	<b>23793</b>	<b>22080</b>	<b>22121</b>	<b>22649</b>	<b>21264</b>
<b>Total Foodgrains:</b>	<b>97321</b>	<b>110560</b>	<b>115581</b>	<b>117421</b>	<b>117533</b>	<b>113174</b>	<b>115302</b>	<b>121421</b>	<b>120430</b>
<b>Oil Seeds:</b>									
Groundnut	4494	5133	6463	6886	7216	7428	7299	7553	7091
Castor seed	555	574	466	484	440	409	401	439	384
Sesamum	2204	2293	2169	2412	2513	2480	2794	2654	2410
Rape seed & Mustard	2071	2556	2883	3046	2881	2884	3006	3244	2992
Linseed	1403	1529	1789	1995	2060	1727	1495	1777	1708
Cotton seed	5882	8086	7610	8221	8271	7942	7836	7995	7685
<b>Fibres:</b>									
Cotton (Lint)	5882	8086	7610	8221	8271	7942	7836	7995	7685
Jute	571	704	629	869	839	757	797	880	529
Mesta	N.A.	231	274	401	360	389	322	321	277
<b>Other Crops:</b>									
Sugarcane (gur)	1707	1847	2415	2249	2562	2780	2301	2047	2461
Sugarcane (cane)	1707	1847	2415	2249	2562	2780	2301	2047	2461
Tobacco	357	410	401	441	394	372	424	424	412
Potato	240	280	375	415	431	480	473	501	537
Black Pepper	80	89	103	102	102	102	102	102	101
Chillies (Dry)	592	604	667	748	717	652	721	788	676
Ginger (Dry)	17	16	19	23	22	22	23	21	21
<b>Plantation Crops:</b>									
Tea	314	316	331	334	338	342	345	348	351
Coffee	91	101	114	124	128	129	128	N.A.	N.A.
Rubber	58	70	129	152	154	157	171	182	N.A.
Coconut	622	647	717	798	846	866	893	922	N.A.
<b>Minor Crops:</b>									
Banana	140	157	163	193	198	204	209	206	N.A.
Cashewnut	N.A.	77	114	192	196	199	205	210	N.A.
Cardamom	N.A.	50	56	57	55	55	75	75	N.A.
Tapioca	236	243	274	244	240	271	290	335	N.A.

Source: Ministry of Food and Agriculture  
Ref: Records and Statistics Vol. 21 No. 1—November 1969.

Table 2.7  
Production of principal crops in India 1950-51—1968-69

(in thousand tonnes)

Crop	1950-51	1955-56	1960-61	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>Food grains:</b>									
Rice	20576	27557	34574	36998	3904	30655	30438	37612	39761
Jowar	5495	6726	9814	9198	9749	7527	9224	10048	9804
Bajra	2595	3428	3283	3878	4454	3655	4468	5185	3802
Maize	1729	2602	4080	4561	4658	4760	4894	6270	5701
Ragi	1429	1846	1838	2021	1898	1176	1631	1884	1648
Small Millets	1750	2070	1909	2022	1952	1656	1488	1907	1804
Total Karif Cereals:	33574	44229	55498	58678	61745	49429	52143	62906	62520
Wheat	6462	8760	10997	9853	12290	10424	11393	16540	18651
Barley	2378	2816	2819	2038	2523	2377	2348	3504	2424
Total Rabi cereals:	8840	11576	13816	11891	14813	12801	13741	20044	21075
Total Cereals:	42414	55805	69314	70569	76558	62230	65884	82950	83595
Gram	3651	5418	6250	4502	5785	4206	3622	5971	4309
Tur	1719	1861	2066	1380	1888	1736	1130	1741	1816
Total Pulses (including other pulses)	8411	11045	12704	10073	12438	9800	8347	12102	10418
Total Food Grains:	50825	66850	82018	80642	88996	72030	74231	95052	94013
<b>Oil Seeds:</b>									
Groundnut	3481	3862	4812	5298	5888	4230	4411	5731	4476
Castor Seed	103	125	107	102	108	80	110	121	111
Sesamum	445	467	318	439	493	425	416	445	415
Rape seed & Mustard	762	860	1347	915	1466	1276	1228	1568	1572
Linseed	367	420	398	379	503	335	260	438	352
Cotton Seed	1013	1391	1865	1912	2053	1683	1803	1967	1895
<b>Fibres:</b>									
Cotton (Lint)+	2875	3949	5293	5428	5664	4762	4973	5454	5270
Jute+	3309	4232	4134	6079	6021	4471	5358	6320	3052
Mesta+	N.A.	1162	1129	1897	1583	1285	1221	1272	907
<b>Other Crops:</b>									
Sugarcane (gur)	5705	6075	11141	10524	12031	12100	9501	9786	12003
Sugarcane (cane)	57051	60543	110001	104225	119598	119642	92826	95500	117572
Tobacco	261	303	307	360	346	298	853	369	347
Potato	1660	1859	2719	2593	3668	4060	3522	4232	4773
Black Pepper	21	28	28	24	24	23	23	22	21
Chillies (Dry)	351	361	419	490	469	383	418	501	419
Ginger (Dry)	15	16	18	21	21	22	21	20	19
<b>Plantation Crops:</b>									
Tea	275	285	321	346	372	366	376	385	380
Coffee	24.6	34.4	43.2	44.8	47.1	63.9	78.6	N.A.	N.A.
Rubber	14.4	22.5	25.4	36.4	43.5	50.0	54.8	64.5	71.1
Coconut (Million nuts)	3582	4226	4639	4725	4919	4999	5192	5319	N.A.
<b>Minor Crops:</b>									
Banana	2065	1938	2212	2601	2684	3136	3412	3155	N.A.
Cashewnut	N.A.	82	124	144(R)	154(R)	158	163	169	NA
Cardamom	NA	3	3	4	4	4	4	4	4
Tapioca	1283	1787	1969	2823	3033	3467	3817	4520	NA

+ In thousand bales of 180 Kgs. each.  
In thousand bales of 180 Kgs. each  
R. Revised.  
Source: Ministry of Food and Agriculture, Government of India.

Table 2.8  
Average yield of Principal crops in India 1950-51 - 1968-69  
(Per Hectare in Kgs.)

Crops	1950-51	1955-56	1960-61	1963-64	1964-66	1965-66	1966-67	1967-68	1968-69
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>Food grains:</i>									
Rice	668	874	1013	1033	1073	869	863	1032	1076
Jowar	353	387	533	501	543	430	511	545	523
Bajra	288	302	286	349	380	316	365	405	315
Maize	547	704	926	995	1009	999	964	1123	997
Ragi	649	800	731	818	779	521	704	822	736
Small millets	380	388	385	438	433	373	325	393	380
Total Kharif cereals:	514	618	731	762	796	652	673	782	777
Wheat	663	708	851	730	913	824	887	1103	1169
Barley	764	824	879	735	940	903	831	1038	879
Total Rabi cereals:	687	733	856	731	918	837	877	1091	1126
Total Cereals:	542	639	753	757	817	683	707	840	843
Gram	482	554	674	481	650	526	453	723	607
Tur	788	814	849	549	756	699	448	653	718
Total Pulses (including other pulses)	441	476	539	416	523	444	377	534	490
Total Food grains	522	605	710	687	757	636	644	783	781
<i>Oil Seeds:</i>									
Groundnut	775	752	745	769	816	570	604	759	631
Castor Seed	186	218	230	211	246	195	274	276	290
Sesamum	202	204	147	182	196	171	149	168	172
Rape Seed & Mustard	368	336	467	300	509	442	408	483	525
Linseed	262	275	222	190	244	194	174	247	206
Cotton seed	172	172	245	233	248	212	230	246	247
<i>Fibres:</i>									
Cotton (Lint)+	88	88	125	119	128	108	114	123	123
Jute+	1043	1082	1183	1260	1292	1064	1210	1293	1039
Mesta+	NA	905	742	800	793	688	683	715	590
<i>Other Crops:</i>									
Sugarcane (Gur)	3342	3289	4613	4681	4696	4353	4129	4782	4878
Sugarcane (Cane)	33422	32779	45549	46353	46685	43041	40336	46665	47780
Tobacco	781	789	766	817	876	800	884	871	842
Potato	6917	6639	7251	6249	8516	8455	7440	8441	8891
Black Pepper	263	315	272	235	235	228	225	217	212
Chillies (Dry)	593	598	628	654	654	509	580	636	620
Ginger (Dry)	882	1000	947	938	950	986	940	921	933
<i>Plantation Crops:</i>									
Tea	876	902	971	1037	1102	1072	1089	1107	1081
Coffee	298	414	448	435	426	NA	NA	NA	NA
Rubber	342	349	354	387	408	450	483	548	N.A.
Coconut	5759	6532	6470	5920	5815	5775	5814	5769	N.A.
<i>Minor Crops:</i>									
Banana	14750	12344	13571	13504	13563	15395	16310	15351	N.A.
Cashewnut	N.A.	1065	1088	749(R)	785(R)	791	797	806	N.A.
Cardamom	N.A.	60	54	62	65	68	48	52	N.A.
Tapioca	5436	7354	7186	11558	12619	12779	13163	13503	N.A.

+ In thousand bales of 180 Kgs. each

(R) Revised

Source: Ministry of Food and Agriculture, Government of India.

TABLE 2.9

## Trends in Agricultural Production and Productivity 1950-51—1968-69

Agricultural Year 1949-50=100

Commodity/ Group	Index Numbers of Agricultural Production								Index Numbers of Agricultural Productivity						
	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
<b>Food grains</b>															
Rice	87.0	114.2	137.7	121.8	120.9	149.4	157.2	87.1	110.8	123.6	106.0	105.3	125.9	130.6	
Jowar	89.8	96.7	141.1	108.2	132.6	144.5	141.0	89.6	86.6	119.3	96.2	114.3	122.0	117.1	
Bajra	83.8	108.3	102.9	114.3	139.7	162.1	118.9	86.0	88.5	83.1	91.7	105.8	117.4	91.5	
Maize	84.4	112.3	146.7	169.9	174.7	223.8	198.6	87.6	99.6	109.2	117.0	113.0	131.6	114.1	
Ragi	87.6	119.7	121.7	76.1	105.5	121.9	106.6	94.8	128.4	116.9	81.6	110.2	128.7	115.2	
Small Millets	88.9	105.1	98.2	85.2	76.5	98.8	92.7	92.0	94.2	95.1	91.7	79.9	96.6	93.5	
<b>Cereals</b>															
Kharif Cereals	87.7	111.8	134.8	119.8	120.8	150.6	151.9	88.2	103.0	117.2	104.4	105.5	123.6	124.6	
Wheat	101.1	131.3	162.8	154.4	168.7	244.9	258.7	101.2	103.6	122.9	119.0	128.2	159.3	158.2	
Barley	105.6	118.5	118.0	99.9	98.7	147.3	101.7	107.9	110.2	116.9	118.4	109.1	136.3	115.2	
Rabi Cereals	102.0	128.9	154.3	144.0	155.4	226.3	228.8	102.6	105.7	123.8	121.2	127.7	158.5	157.3	
Cereals	90.3	114.9	138.3	124.2	129.5	164.2	165.7	90.8	103.8	118.5	107.5	109.7	131.2	131.8	
Gram	98.0	138.9	160.4	107.9	92.9	153.2	106.1	107.5	117.7	143.3	111.9	82.5	52.9	77.1	
Tur	91.8	99.4	106.0	87.6	57.0	87.8	88.5	98.2	101.4	101.6	82.5	52.9	77.1	81.9	
Other pulses	85.6	108.9	105.1	92.1	85.9	104.9	102.6	92.8	90.1	86.0	76.9	71.8	86.8	85.6	
Pulses	91.7	118.4	129.0	98.3	85.2	123.5	102.3	99.8	101.4	109.0	88.7	76.8	108.7	95.9	
Foodgrains	90.5	115.3	137.1	120.9	123.8	159.0	157.5	92.4	103.0	117.3	105.6	106.2	129.5	129.3	
<b>II. Non Food-grains</b>															
Ground Nut	101.4	112.4	142.1	128.0	133.5	173.5	135.5	89.7	87.1	87.4	68.6	72.8	91.4	76.0	
Sesamum	101.6	104.8	77.2	100.7	98.6	105.5	98.3	94.3	94.2	73.3	84.1	73.1	82.3	84.5	
Rapeseed & Mustard	94.6	105.8	165.7	156.9	151.0	192.8	193.3	88.4	80.6	112.1	106.2	98.0	115.9	126.0	
Linseed	87.8	97.1	95.3	80.5	62.4	105.2	84.5	95.2	97.7	81.8	71.6	64.1	91.0	76.1	
Casterseed	80.5	96.1	82.1	59.3	62.2	68.7	63.1	85.6	99.2	104.5	85.9	91.9	92.6	97.2	
Oilseeds	98.5	108.6	134.0	125.3	125.6	161.5	137.1	92.5	91.0	98.5	85.1	84.9	104.5	95.3	
Cotton	110.7	153.9	202.1	183.7	191.8	210.3	203.2	92.9	93.8	130.9	114.0	120.7	129.7	130.4	
Jute	106.3	135.6	125.3	135.6	162.5	191.1	92.6	87.6	90.9	93.9	84.5	96.1	102.6	82.5	
Mesta	100.0	174.7	168.8	192.3	182.6	190.3	135.6	100.0	143.0	117.1	107.9	107.9	112.9	93.1	
Fibres	108.6	149.7	176.0	169.3	182.1	203.2	164.3	91.4	93.2	116.2	105.4	114.4	124.3	108.0	
Tea	103.8	107.2	120.9	137.9	141.5	144.8	142.8	103.4	105.8	114.4	123.0	125.1	129.5	123.4	
Coffee	112.3	196.1	246.4	282.1	347.2*	254.2*	321.7*	108.4	188.2	194.2	194.8	241.6*	176.9*	223.9*	
Rubber	93.8	146.1	167.0	316.8	343.7	404.2	445.5	111.8	114.1	76.8	95.8	103.2	117.1	129.1*	
Plantation Crops	104.0	113.2	129.2	150.9	158.5	158.1	161.1	105.0	107.9	104.5	106.0	110.9	110.6	110.5	
Sugarcane (Gur)	113.7	119.8	183.9	195.2	153.3	157.9	193.7	97.7	95.7	112.4	103.7	98.4	113.9	116.2	
Tobacco	97.3	112.9	114.3	112.8	133.9	139.7	131.6	94.7	95.8	99.0	105.4	109.9	114.7	111.0	
Potatoes	107.4	120.3	168.6	234.4	203.3	244.3	275.5	104.9	110.7	107.9	117.3	103.3	117.1	123.4	
Pepper (Black)	97.2	132.6	134.8	110.5	109.1	104.4	101.5	96.7	118.2	104.1	85.6	84.5	81.2	79.6	
Chillies (Dry)	119.4	122.8	142.5	128.2	139.8	167.5	140.0	103.5	104.3	109.7	103.2	101.7	111.6	103.7	
Ginger (Dry)	94.4	105.7	116.3	142.1	140.1	128.9	127.6	132.2	141.9	134.5	154.0	146.4	143.5	145.5	
Miscellaneous crops	110.3	120.1	163.4	170.8	148.6	157.8	175.6	98.2	105.8	117.7	111.6	105.8	117.1	120.2	
Non-Food-grains	105.9	119.9	152.6	154.8	147.4	165.1	161.0	95.6	91.0	108.1	101.5	97.9	106.9	109.6	
All Commodities	95.6	116.8	142.2	132.1	131.6	161.0	158.7	95.7	101.6	117.7	109.6	107.9	126.0	126.5	

\* Based on provisional estimates.

Note: The indices for 1965-66 to 1967-68 are generally based on partially revised estimates, while those for 1968-69 are generally based on final estimates. The indices for these years are therefore, subject to revision.

Source: Ministry of Food and Agriculture.

TABLE 2.10

## Development of Irrigation Potential and Utilisation in India 1950-51—1968-69

(Million Hectares)

(1)	Ultimate potential (2)	1950-51		1960-61		1968-69		Unutilised potential Cols. (7-8) (9)	% of Col. 8 to Col. (7) (10)	% of Col. 7 to Col. (2) (11)
		Potential (3)	Utilisation (4)	Potential (5)	Utilisation (6)	Potential (7)	Utilisation (8)			
(1) Surface Water (a+b)	60	16.1	16.1	21.0	19.7	26.6	25.0	1.6	94.0	44.3
(a) Major and medium	45	9.7	9.7	14.4	13.1	18.5	16.9	1.6	91.4	41.1
(b) Minor	15	6.4	6.4	6.6	6.6	8.1	8.1	..	100.0	54.0
(2) Ground Water (minor)	22	6.5	6.5	8.2	8.2	10.9	10.9	..	100.0	49.5
Total (1+2)	82	22.6	22.6	29.2	27.9	37.5	35.9	1.6	95.7	45.7

Note: (1) In the case of minor irrigation utilisation has been assumed to be the same as potential, as actual utilisation figures are not available.

(2) (a) Minor irrigation comprises ground water schemes and those surface water schemes which are estimated to cost upto Rs. 15 lakhs each.

(b) Medium schemes are those estimated to cost above Rs. 15 lakhs and upto Rs. 5 crores.

(c) Major schemes are those above 5 crores.

Source: Planning Commission, Fourth Five Year Plan, 1969-74, 1970 Page 247.

TABLE 2.11

## Area under irrigation in India 1950-51—1966-67

('000 Hectares)

Year (1)	Gross cropped area (2)	Gross irrigated area (3)	% of col. (2) to col. (1) (4)	Net area sown (5)	Net irrigated area (6)	% of col. (5) to col. (4) (7)
1950-51	1,31,893	22,563	17.1	118,746	20,853	17.6
1955-56	1,47,311	25,642	17.4	129,156	22,758	17.6
1960-61	1,52,772	27,980	18.3	133,199	24,661	18.5
1964-65	1,59,229	30,704	19.3	138,120	26,600	19.3
1966-67 (P)	1,56,567	32,754	20.9	137,047	27,478	20.1

P—Provisional

Source: Directorate of Economics and Statistics, Government of India, Ministry of Food, Agriculture, C. D. and Co-operation.

TABLE 2.12 (a)

## Irrigation by sources in India 1950-51—1966-67

('000 Hectares)

Source (1)	Irrigated area				
	1950-51 (2)	1955-56 (3)	1960-61 (4)	1964-65 (5)	1966-67(P) (6)
Government canals	7,158 (34.3)	8,025 (35.3)	9,170 (37.2)	10,080 (37.9)	10,267 (37.4)
Private canals	1,137 (5.5)	1,360 (6.0)	1,200 (4.9)	1,143 (4.3)	1,088 (4.00)
Tanks	3,613 (17.3)	4,423 (19.4)	4,561 (18.5)	4,780 (18.0)	4,570 (16.6)
Wells	5,978 (28.7)	6,739 (29.6)	7,290 (29.6)	8,075 (30.3)	9,478 (34.5)
Others	2,967 (14.2)	2,211 (9.7)	2,440 (9.8)	2,522 (9.5)	2,075 (7.5)
Net irrigated area Total	20,853 (100.0)	22,758 (100.0)	24,661 (100.0)	26,600 (100.0)	27,478 (100.0)

Note: (1) (P)—Provisional.

(2) Figures in brackets indicate percentages to total net irrigated area.

Source: Directorate of Economics and Statistics, Government of India.

Table 2-12 (B)  
Irrigation by Source 1966-67

(Lakh Hectares)

Region	Net irrigated area by Source				Total Cols. (1+2+3+4)	% of net irrigated area to net sown area
	Canals	Tanks	Wells	Others		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>STATES</b>					30.70	27.1
Andhra Pradesh	12.43	12.58	4.62	1.02	2.48	25.8
Assam	3.64	..	..	4.45	6.12	21.6
Bihar	6.34	1.38	3.84	0.10	10.41	10.7
Gujarat	1.40	0.30	8.61	0.09	12.93	37.8
Haryana	9.91	0.04	2.89	0.07	2.78	41.4
Jamu & Kashmir	2.70	Neg.	0.01	1.27	3.93	18.8
Kerala	1.89	0.72	0.05	0.53	10.89	6.3
Madhya Pradesh	4.70	1.95	3.71	0.56	12.06	6.6
Maharashtra	2.49	1.90	7.11	1.48	10.22	10.2
Mysore	3.76	3.20	1.78	0.12	0.12	25.5
Nagaland	..	..	..	2.19	9.77	16.3
Orissa	2.25	4.95	0.38	0.19	22.76	58.8
Punjab	12.73	0.03	9.81	0.24	21.21	14.5
Rajasthan	6.42	2.14	12.41	0.46	25.11	41.3
Tamil Nadu	8.60	9.65	6.40	2.52	62.55	36.1
Uttar Pradesh	23.92	3.43	32.68	1.87	14.78	26.5
West Bengal	9.41	3.34	0.16	..	..	..
<b>State Total</b>	112.64	45.61	94.46	19.64	272.35	20.0
<b>Union Territories</b>	0.91	0.09	0.32	1.11	2.43	20.3
<b>India</b>	113.55	45.70	94.78	20.75	274.78	20.1

Source: Directorate of Economics & Statistics, Government of India. Indian Agriculture in Brief, 10th edition 1970. P. 31.

Table 2.13  
Cropwise Irrigated area 1966-67

(Lakh Hectares)

Region	Rice	Jowar	Wheat	Gram	Sugarcane	Groundnut	Cotton	Others	Gross Irrigated area
Andhra Pradesh	30.62	0.25	0.03	..	1.06	1.54	0.08	4.67	38.25
Assam	5.71	0.00	..	..	..	..	..	0.41	6.12
Bihar	13.04	..	3.78	0.50	0.38	..	..	2.40	20.10
Gujarat	0.96	0.57	3.42	0.04	0.39	..	1.77	3.27	10.72
Haryana	1.38	0.72	5.12	2.68	1.27	..	..	4.42	17.36
Jammu and Kashmir	1.97	..	0.18	..	0.01	..	..	0.85	3.01
Kerala	4.24	..	..	..	0.04	..	..	0.99	5.27
Madhya Pradesh	5.76	0.01	2.21	0.68	0.39	0.01	0.06	2.01	11.13
Maharashtra	2.49	3.16	2.05	0.44	1.71	0.26	0.47	3.30	13.88
Mysore	6.75	0.88	0.13	0.03	0.89	N.A.	0.50	2.69	11.87
Nagaland	0.12	..	..	..	..	..	..	..	0.12
Orissa	9.81	..	0.04	..	0.24	..	0.02	1.30	11.41
Punjab	2.44	0.04	11.59	2.20	1.30	0.19	4.20	11.54	33.50
Rajasthan	0.19	0.17	6.36	2.42	0.29	0.06	1.78	9.94	21.21
Tamilnad	24.86	1.40	..	..	0.90	1.40	0.86	4.26	33.72
Uttar Pradesh	7.73	0.16	25.98	6.03	7.66	0.02	0.61	23.43	71.62
West Bengal	13.15	..	0.27	..	0.17	..	..	1.40	19.99
<b>Total</b>	131.22	7.40	61.16	15.02	16.70	3.60	12.30	76.88	324.28
<b>Union Territories</b>	1.76	0.01	0.72	0.01	0.05	0.04	..	0.67	3.26
<b>India</b>	132.98	7.41	61.88	15.03	16.75	3.64	12.30	77.55	327.54

Source: Directorate of Economics & Statistics, Government of India.

Table 2.14  
Benefits from major and medium irrigation Schemes

(Gross Area: Lakh Hectares)

States	Ultimate potential	Total at the end of 1968-69 (estimate)				Total at the end of 1963-74 (estimate)			
		Potential	Utilisation	Percentage of		Potential	Utilisation	Percentage of	
				Col. 4 to Col. 3	Col. 3 to Col. 2			Col. 8 to Col. 7	Col. 7 to Col. 2
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Andhra Pradesh	64.80	24.27	22.48	92.6	37.5	30.56	26.61	87.1	47.2
Assam	9.70	.83	0.79	95.2	8.6	1.35	1.12	83.0	13.9
Bihar	42.90	18.40	13.60	73.9	42.9	28.90	23.80	82.4	67.4
Gujarat	21.50	4.83	3.43	71.0	22.5	8.33	6.93	83.2	38.7
Haryana	(a)	9.20	9.00	97.8	..	10.70	10.00	93.5	..
Jammu & Kashmir	1.00	0.63	0.61	96.8	63.0	0.79	0.71	89.9	79.0
Kerala	6.30	3.37	3.37	100.0	53.5	4.56	4.48	98.2	72.4
Madhya Pradesh	56.30	9.43	6.85	72.6	16.7	13.03	9.98	76.6	23.1
Maharashtra	23.50	6.29	4.79	76.2	26.8	10.9	7.89	78.2	42.9
Mysore	17.80	7.98	7.08	88.7	44.8	8.93	8.33	93.3	50.2
Orissa	24.30	10.90	10.55	96.8	44.1	13.50	12.45	92.2	55.6
Punjab	41.40	23.41	23.37	99.8	56.5	23.66	23.46	99.2	57.1
Rajasthan	31.50	10.20	9.20	90.2	32.4	13.10	11.30	86.3	41.6
Tamil Nadu	15.60	14.51	14.31	98.6	93.0	15.21	15.01	98.7	97.5
Utter Pradesh	76.10	30.41	29.61	97.4	40.0	37.21	34.11	91.7	48.2
West Bengal	23.10	11.00	10.50	95.5	47.6	13.40	12.30	91.8	58.0
Total	455.80	185.66	169.54	91.3	40.7	233.32	208.48	89.4	51.2

Note: (a) Includes Punjab.

Source: Planning Commission—Forth Five Year Plan, 1969-74.

Table 2.15  
Production of Fertilisers (State-wise)

(Thousand tonnes)

State	Nitrogen (N)				Phosphates (P <sub>2</sub> O <sub>5</sub> )			
	1965-66	1966-67	1967-68	1968-69	1965-66	1966-67	1967-68	1968-69
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
South	21.6	55.6	84.0	143.2	54.8	70.2	83.0	102.0
Andhras Pradesh	..	..	15.7	54.6	11.2	11.1	22.9	55.7
Kerala	9.2	23.6	23.5	37.1	9.8	18.0	14.7	18.1
Mysore	..	..	..	..	7.0	9.3	8.7	2.3
Tamil Nadu	12.4	31.9	44.8	51.4	26.8	31.7	36.6	25.9
West:	16.6	39.8	102.5	126.3	37.5	48.9	78.6	81.0
Gujarat	..	..	49.6	73.1	12.2	12.0	30.2	35.9
Madhya Pradesh	3.5	4.3	4.7	5.6	8.8	12.3	11.3	6.5
Maharashtra	13.1	35.5	48.3	47.6	16.6	24.6	37.1	38.6
North:	71.5	79.9	88.6	152.8	9.9	11.1	22.5	19.9
Haryana	..	..	..	..	..	..	..	..
Punjab	67.2	76.1	78.1	76.6	..	..	6.3	6.2
Rajasthan	..	..	..	16.1	..	..	7.0	6.6
Utter Pradesh	4.4	3.5	10.5	60.1	4.5	4.5	9.2	7.1
Delhi	..	..	..	..	5.4	6.5	..	..
East:	128.2	134.1	127.5	140.8	16.5	15.5	23.2	10.3
Assam	..	..	..	12.6	3.0	3.2	2.7	2.2
Bihar	90.6	90.3	75.4	73.9	2.9	3.6	5.5	0.3
Orrissa	30.8	39.2	47.2	48.1	..	..	..	..
West Bengal	6.8	4.6	4.9	6.2	10.6	8.7	14.8	7.8
India	237.9	309.0	402.6	563.0	118.8	145.7	207.2	213.2

Source: Fertilizer Association of India.

Table 2.16

## Consumption of Fertilisers (State-wise)

(Thousand Tonnes)

State	Nitrogen(N)				Phosphates (P2 O5)				Potash (K2 O)			
	1965-66	1966-67	1967-68	1968-69	1965-66	1966-67	1967-68	1968-69	1965-66	1966-67	1967-68	1968-69
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	78.8	175.9	175.1	106.9	30.7	35.8	59.2	32.0	5.6	10.6	4.2	5.9
Kerala	8.2	29.3	26.1	32.1	4.4	7.6	11.7	8.0	21.4	19.4	20.0	24.8
Mysore	31.0	50.3	87.1	20.6	10.2	19.3	47.0	19.8	7.8	13.2	21.2	12.5
Tamil Nadu	70.8	95.4	148.6	98.5	17.1	36.0	66.0	19.2	18.2	29.2	44.8	24.8
Gujarat	30.7	36.9	60.0	55.1	12.5	25.7	32.2	33.5	2.7	3.1	3.0	3.5
Madhya Pradesh	18.4	4.2	25.0	32.4	8.8	9.1	8.4	12.3	2.5	0.9	3.6	3.4
Maharashtra	57.4	87.9	103.4	131.7	16.9	31.9	55.6	39.6	11.8	20.8	21.5	22.4
Haryana	..	14.2	38.1	43.0	..	0.9	4.0	1.6	..	0.2	2.4	3.1
Punjab	46.3+	68.0	103.6	128.8	3.3+	10.3	33.3	17.6	1.2+	5.7	8.2	4.0
Rajasthan	9.0	13.5	24.7	25.2	1.2	5.1	7.7	1.0	1.2	0.7	1.3	1.4
Uttar Pradesh	88.1	97.9	177.2	279.1	5.1	33.3	57.1	53.8	5.0	10.6	43.9	38.9
Jammu & Kashmir	3.5	9.4	12.7	1.5	0.1	3.8	12.7	0.1	NA	1.5	9.9	..
Assam	5.1	1.6	0.4	6.0	2.4	2.5	1.6	1.5	0.4	1.0	0.7	1.4
Bihar	31.9	59.1	65.1	32.6	3.4	20.9	26.4	2.4	1.4	3.1	3.0	3.0
Orissa	16.0	15.5	11.2	10.0	1.1	9.6	1.7	0.9	0.9	1.7	2.2	0.8
West Bengal	32.4	26.6	37.9	43.8	7.5	9.2	9.7	10.7	8.5	11.7	12.2	10.2
Himachal Pradesh	1.8	1.5	4.7	3.4	0.3	0.5	2.3	1.1	NA	..	0-2	..
Delhi	0.6	0.9	2.6	2.5	0.2	0.2	1.0	Neg	Neg	Neg	Neg	Neg
Goa	1.0	1.1	1.1	0.8	Neg	0.4	0.8	0.1	..	0.3	0.3	..
Pondicherry	0.6	1.1	1.9	0.7	Neg	0.2	0.9	Neg	..	..	0.4	..

+The figures refer to the composite State of Punjab.  
Source: Fertilizer Association of India.

Table 2.17

## Primary Agricultural Credit Societies

(Rs. '000)

Year/State	No. of Societies	Membership No. (000)	Share Capital	Reserves	Deposits	Loans issued during the year
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1950-51 (a)	115462	5154	83997	88643	44829	228972
1955-56	159939	7791	168033	124494	70469	496172
1960-61	212129	17041	577474	148036	145800	2027510
1961-62	215081	19572	686197	200104	176427	2283049
1962-63	211132	21734	795113	220941	203265	2573742
1963-64	209622	23728	922843	255082	260564	2971409
1964-65	201046	25411	1038599	293286	325785	3159903
1965-66	191904	26135	1153216	335938	344918	3417466
State (1965-66)	15381	1785	51993	23691	13104	182740
Andhra Pradesh	4088	327	5587	1007	2125	3923
Assam	17151	1650	24750	4924	16150	104000
Bihar	8557	1140	157591	47031	28909	470975
Gujarat	960	270	4356	1120	402	5918
Jammu & Kashmir	2440	1283	44124	16372	46789	124796
Kerala	17322	1668	76707	34373	22095	284929
Madhya Pradesh	11227	3799	93601	40022	29099	300208
Madras	20035	2744	290484	60615	24063	759878
Maharashtra	8939	1512	78224	28273	17907	209520
Mysore	3727	814	21351	5279	4921	77023
Orissa	18992	1873	85660	19226	92768	274884
Punjab	12702	1016	34109	2954	8169	77299
Rajasthan	35188	5061	148885	41642	29438	414751
Uttar Pradesh	12996	882	25016	6448	6421	82524
West Bengal	2199	311	10778	2961	2558	14098
Union Territories	..	..	..	..	..	..

(a) Includes data for Grain Banks.  
Source: Reserve Bank of India



Table 2,18

## Farm Expenditure

(Rs. per Hectare)

State/District	Year	Category/ variety	Seeds	Fertiliser	Farm yard manure	Irrigation	Land Revenue	Pesticide	Hired labour	Total of Columns (1) to7
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<b>Paddy</b>										
Kerala Ernakulam	1966-67 Kharif	Participants Tainan-3	25.75	328.40	132.62	29.03	4.50	27.48	354.42	902.20
Madhya- Pradesh Raipur	1967-68 Kharif	Participants Taichung Native	43.32	60.56	45.12	1.26	2.20	3.63	126.05	282.14
		Other High yield- ing variety	31.28	82.90	37.04	3.61	2.52	3.71	108.87	269.93
		Local	50.98	50.04	46.53	2.79	2.77	0.99	146.48	300.58
		Nonparticipants Local	53.69	35.04	47.59	3.21	1.16	0.72	8.48	149.89
Mysore Mandya	1966-67 Kharif	Participants Taichung-65	35.34	375.22	58.91	74.13	44.48	31.16	398.42	1017.66
		Local	31.65	261.73	28.59	74.13	44.48	32.94	215.05	688.57
		Non-participants Local	32.25	230.57	27.08	74.13	44.48	26.91	207.34	642.76
Orissa Cullack	1966-67 Kharif	Participants High Yielding Variety	25.48	310.38	26.69	26.81	16.19	65.04	260.17	730.76
Punjab Amritsar	1967-68 Kharif	Participants Taichung Native	8.75	223.28	37.48	56.29	12.03	2.79	199.81	540.43
		Basmati	7.31	127.65	6.85	53.62	6.42	0.99	221.20	424.04
		Desi	6.13	99.83	11.86	59.33	5.78	1.66	203.26	387.85
		Non-participants Basmati	5.91	202.99	14.08	46.95	4.65	0.17	128.42	403.17
		Desi	5.54	97.18	24.98	5.39	5.39	1.04	137.54	277.06
Uttar Pradesh Saharanpar	1967-68 Kharif	Participants Taichung Native	20.26	179.20	53.69	34.03	6.80	12.18	93.95	400.11
		Local Superior	14.89	94.39	16.85	36.40	6.47	3.19	50.56	222.75
		Coarse	15.12	53.65	23.35	44.55	6.35	0.59	40.62	184.23
	1968-69	I.R.-8	22.02	234.97	55.89	51.82	11.00	21.57	331.83	729.10
		Basmati	21.89	172.92	17.35	44.06	10.28	2.69	307.00	576.19
<b>Bajra</b>										
Maharashtra Nasik	1967-68 Kharif	Participants Hybrid	32.59	137.14	190.84	23.99	3.16	2.13	134.50	524.35
		Non participants Local	5.24	15.27	55.25	5.63	3.04	0.07	59.06	143.56
<b>Maize</b>										
Uttar Pradesh Aligarh	1966-67 Kharif	Participants High yielding Variety	27.59	300.23	128.64	50.73	12.13	1.19	116.98	634.49

Table 2.19

## Net availability of Foodgrains

Year	Production (Million)	Cereals					Per capita net availability per day			
		Cereals				Net availability of pulses Million tonnes	Per capita net availability per day			
		Net Production (Million tonnes)	Net Imports (Million tonnes)	Withdrawn (-) from Govt.- stores Million (tonnes)	Net availabi- lity (Million tonnes)		Cereals (grams)	Pulses (grams)	Total (grams)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1951	363.4	40.02	4.80	+0.59	44.23	8.03	333.5	60.5	394.0	
1956	397.8	50.34	1.44	-0.60	52.38	10.23	359.8	70.3	430.1	
1961	442.7	60.65	3.50	-0.17	64.32	11.11	398.1	68.7	466.8	
1962	453.4	62.08	3.64	-0.36	66.08	10.29	399.3	62.2	461.5	
1963	464.3	60.04	4.56	-0.02	64.62	10.09	381.3	59.5	440.8	
1964	475.5	61.75	6.27	-1.24	69.26	8.81	398.0	50.6	448.6	
1965	487.0	66.99	7.46	+1.06	73.39	10.89	412.9	61.3	474.2	
1966	498.9	54.45	10.34	+0.14	64.65	3.58	355.0	47.1	402.1	
1967	511.3	57.65	8.67	-0.28	66.60	7.31	356.9	39.2	396.1	
1968	524.0	72.56	5.69	+1.99	76.26	10.59	393.7	55.4	454.1	
1969	537.1	73.14	4.00*	+1.12*	76.02	9.11	387.8	46.5	434.3	

\*Projected by the Agricultural Prices Commission on the basis of actuals for January-June 1969.

Table 2.20

## Net Food Supply per Capita (India)

(Grams-per day)

Items	Quantity		Calories		Proteins		Fat	
	1949-50	1966-68*	1949-50	1966-68*	1949-50	1966-68*	1949-50	1966-68*
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Cereals	324	370	1142	1307	26.4	30.6	4.7	5.3
2. Potatoes & Other Starches	24	44	22	39	0.4	0.5	..	..
3. Sugar & Sweets	32	43	124	163	0.4	0.5	..	..
4. Pulses & Seeds	56	44	194	157	11.9	9.9	2.6	1.8
5. Fish	2	3	3	4	0.4	0.6	0.1	0.2
6. Fats and oils (fat content)	8	9	74	91	5.4	6.1	8.3	8.7
7. Total	..	..	1700	1870	44.9	47.8	23-2	23.8

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\*Provisional

TABLE 2.21

## High Yielding varieties programmes (Targets and Achievements)

(Area in thousand hectare)

State	1966-67		1967-68			1968-69			1969-70			
	Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Andhra Pradesh	61.5	262.2	323.7	80.9	348.0	428.9	151.4	121.8	273.2	418.9	250.5	669.4
Kerala	32.4	38.0	70.4	53.4	17.8	71.2	45.7	122.6	168.3	80.9	202.3	283.2
Mysore	37.6	35.6	73.2	97.1	55.8	152.9	169.9	129.5	299.4	328.6	188.6	617.2
Tamilnadu	121.4	43.7	165.1	331.8	127.5	459.3	460.9	223.0	683.9	675.4	326.2	1001.6
Gujarat	24.7	14.2	38.9	154.2	182.9	337.1	211.7	194.2	405.9	368.3	262.6	630.9
Madhya Pradesh	69.2	17.0	86.2	75.3	45.3	120.6	184.9	80.9	265.8	324.6	161.9	486.5
Maharashtra	126.3	174.4	300.7	383.6	305.9	689.5	875.7	90.6	966.3	1756.3	232.3	1988.6
Haryana	..	12.9	12.9	..	101.2	101.2	69.6	259.0	328.6	212.5	259.8	472.3
Punjab	26.3	81.3	107.6	97.1	639.0	736.1	75.7	1011.7	1087.4	242.8	1214.1	1456.9
Rajasthan	8.5	9.3	17.8	40.5	125.5	166.0	101.2	190.6	291.8	284.1	283.3	567.4
Jammu & Kashmir	8.1	0.8	8.9	40.9	28.3	69.2	125.9	36.4	162.3	134.4	40.5	174.9
Uttar Pradesh	107.6	371.1	478.7	216.9	1631.3	1848.2	433.4	2514.7	2948.1	752.7	2428.1	3180.8
Himachal Pradesh	1.6	1.2	2.8	2.0	11.3	13.3	8.1	23.1	31.2	38.4	60.7	99.1
Assam	2.4	1.2	3.6	21.4	3.6	25.0	51.4	17.8	69.2	93.5	24.7	118.2
Bihar	70.8	28.7	99.5	176.8	333.5	510.3	223.0	387.3	610.3	327.0	516.0	843.0
Orissa	17.8	32.8	50.6	70.8	57.5	128.3	46.5	109.3	155.8	100.4	195.9	296.3
West Bengal	15.8	21.4	37.2	105.2	59.9	165.1	201.5	155.8	357.3	821.5	412.8	1234.3
All India (including others)	735.7	1150.1	1885.8	1962.7	4089.4	6052.1	3452.8	5695.5	9148.3	6999.8	7086.1	14085.9
Achievement Target	1073.2	1792.3	2865.5	3179.6	4111.6	7291.2	5304.6	5842.4	11147.0	..	..	..
Achievement as percentage of target	68.6	64.2	65.8	61.7	99.5	83.0	65.1	97.5	82.1	..	..	..

TABLE 2.22

## Index Numbers of Whole Sale Prices—New series—by groups (1961-62=100)

Average of months/ Average of weeks ended Saturdays	All Commodities	Agricultural Commodities	Food Activities		Liquor and Tobaccos	Fuel, Power, Light & Lubricates	Industrial Raw Materials	Chemicals	Machinery and Transport equipments	Manufactures	Rice
			Total	Food grains							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
(Weights)	(1000)	(332)	(413)	(148)	(25)	(61)	(121)	(7)	(79)	(294)	..
1965-66	131.6	141.7	144.6	154.3	133.2	124.1	132.8	125.9	117.7	118.1	137
1966-67	149.9	166.6	171.1	182.9	134.1	134.5	158.4	144.1	126.5	127.5	169
1967-68	167.3	188.2	207.8	228.4	152.0	142.0	156.4	157.4	131.9	131.1	200
1968-69	165.4	179.4	196.9	201.0	192.5	148.6	157.3	169.1	132.6	132.7	196
1969-70	171.5	194.4	196.5	207.3	195.0	155.1	180.1	183.7	136.3	143.5	196
July 1969	174.3	200.7	203.0	213.3	200.1	154.5	188.5	177.7	134.1	140.7	204
July 1970	181.0	206.1	205.9	212.1	184.7	159.8	198.7	185.1	146.0	152.0	210

J Derived Series.

TABLE 2.23

Index Numbers of Whole Sale Prices by Groups and sub-groups  
(Revised Series)

Base: 1961-62=100

Last week/week end Saturday	All commodities	Food Articles								Industrial raw materials			
		Total	Food- grains	Cereals	Pulses	Edible oils	Sugar and allied products	Liquor and Tobacco	Fuel Power light and fabricants	Total	Fibres	Oil- seeds	Minerals
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Weight	1000	413	148	121	27	54	65	25	61	121	41	52	4
1962-63	104.9	104.8	101.5	100	110	89	124	121.5	116.8	97.0	99	94	97
1963-64	113.3	119.8	123.5	118	150	105	136	123.5	119.4	105.4	102	108	96
1964-65	122.3	132.3	145.9	137	184	121	126	133.3	121.6	116.4	108	126	108
1965-66	137.5	150.3	159.2	154	180	170	131	133.1	130.7	143.6	128	168	115
1966-67	158.9	187.9	207.7	196	259	206	186	132.6	135.6	165.6	129	209	136
1967-68	160.3	194.3	206.6	194	265	144	266	166.7	146.7	141.4	127	149	135
1968-69	165.1	186.5	192.9	190	205	184	190	215.5	152.9	171.6	160	186	136
October 1968	170.2	204.6	208.9	202	240	189	261	192.7	149.0	167.7	152	188	129
June 1969	173.4	201.6	210.0	203	242	211	184	202.2	153.4	185.7	164	215	144
July 1969	175.2	204.2	214.4	207	249	217	184	199.1	154.6	190.3	167	222	137
August 1969	173.5	201.8	214.0	208	242	218	181	197.8	154.5	184.5	152	221	136
September 1969	173.1	199.9	211.3	204	243	227	179	197.2	154.5	183.9	146	225	136
October 4, 1969	173.2	200.7	210.3	203	244	221	179	196.7	155.1	181.1	147	217	140
October 11, 1969	171.7	198.0	209.9	202	245	212	175	194.7	155.1	177.6	146	210	140
October 18, 1969	170.5	196.8	207.0	200	239	203	175	195.4	155.2	171.9	139	202	140
October 25, 1969	169.0	193.6	204.7	198	234	195	172	196.0	155.1	170.5	142	196	140

Ref: Records and Statistics, November 1969.

TABLE 2.24

## Import of Principal items

Commodity	Unit	1961-62		1965-66		1966-67		1967-68		1968-69		1969-70	
		Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1 Fish & Fish Preparations		..	387	..	28	..	(a)	..	1	..	2	..	..
2 Cashewnuts		10.2	670	161	2372	141	2295	168	2508	196	3138	163	2760
3 Rubber		10.7	287	..	770	..	1167	..	439	..	489	..	962
4 Vegetable oils		..	..	..	1120	..	1127	..	1557	..	968	..	1723
5 Rice		..	1873	..	6598	..	8264	..	5476	..	5747	..	5825
6 Wheat		..	9337	..	41697	..	42304	..	37847	..	25949	..	18433
7 Milk & Cream		55.6	843	..	1450	..	2185	..	1330	N.A.	N.A.	N.A.	N.A.
8 Raw Cotton		168	6265	109	7277	93	5647	143	8348	130	9018	119	8278
9 Jute		72	523	..	882	77	2057	9	177	45	931	5	108
10 Petroleum (Crude & partly refined)		6320	4236	5514	7624	5149	3609	9946	5973	6065	5431	11050	9633
11 Petroleum products		..	5329	..	5251	..	2703	..	1510	..	2943	..	4124
12 Chemical elements & compounds		..	3559	..	5648	..	5405	..	7804	..	8270	..	6682
13 Paper & Paper board etc.		..	1595	..	2107	..	2167	..	1764	..	1826	..	2355
14 Textile & Fibres etc.		..	1610	..	1566	..	986	..	727	..	778	..	678
15 Iron & Steel		1052	10781	906	15426	474	9793	519	10616	445	8615	416	8114
16 Non-ferrous metals		..	4646	..	10828	..	8473	..	8873	..	8899	..	7451
17 Machinery & Equipments		..	..	..	52573	..	57612	..	49623	..	36999	..	27921
Total		..	51996	..	163217	..	155794	..	144572	..	120003	..	105047
Grand Total		..	108846	..	221842	..	207836	..	197428	..	176693	..	156749

(a) Negligible.

TABLE 2.25  
Exports of Principal items

Commodity	Unit	1961-62		1965-66 (April-January)		1966-67 (April-January)		1967-68		1968-69		1969-70	
		Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1 Cashew Kernel	Quantity in '000 tonnes & value is Rs. lakhs	41.8	1817	43.4	3646	40.9	3816	51.0	4303	63.7	6093	60.6	5742
2 Groundnuts		38.0	397	..	..	..	..	10.0	160	37.3	702	36.4	783
3 Vegetable oils (cashew nuts etc.)		31.7	503	22.2	688	11.9	252	17.0	396	48.7	1171	23.3	495
4 Pepper		21.7	810	20.1	1339	16.2	968	25.1	1310	19.0	974	22.3	1619
5 Cardamam		2.4	359	1.2	550	1.2	635	1.5	712	1.4	687	1.2	902
6 Ginger		7.6	109	2.8	154	3.7	127	3.9	131	1.7	90	1.2	123
7 Chillies		11.5	216	7.5	296	3.7	187	7.2	210	9.2	227	2.0	91
8 Tumeric		..	..	8.4	173	7.3	113	6.0	138	6.3	211	7.0	362
9 Banana		..	..	7.0	49	6.0	30	3.9	20	10.2	51	7.4	37
10 Lemongrass oil		0.9	236	0.51	88	0.96	65	0.3	82	0.1	315	0.1	275
11 Sandalwood oil		0.1	193	0.07	162	0.07	187	0.1	236	..	..	..	..
12 Fish & Fish Preparations		15.7	388	12.0	847	16.0	1342	20.3	1841	24.8	2270	29.8	3147
13 Tea		206.0	12326	176.2	16230	162.0	13601	203.3	18022	200.8	15651	174.1	12450
14 Coffee		29.7	902	22.6	1637	22.5	1396	34.0	1818	28.7	1796	32.4	1962
15 Coir Yarn & manufacture		18.4	340	58.7	1340	32.3	1246	56.0	1275	58.7	1385	54.0	1341
Total	..	18596	..	27199	..	23965	..	30654	..	31676	..	29434	
Others	..	47459	..	77839	..	61329	..	89215	..	104111	..	111887	
Grand Total	..	66055	..	105038	..	95294	..	119869	..	135787	..	141321	

TABLE 2.26  
National Product (Revised Series), Net Domestic Product by Industry Origin (at 1960-61 Prices)  
(100 crores of Rs.)

Industry	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66 (P)	1966-67 (P)	1967-68 (P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1 Agriculture	65.7	66.3	64.4	66.1	72.3	61.1	61.0	72.5
2 Forestry & logging	1.7	1.8	1.9	2.0	2.0	2.2	2.2	2.2
3 Fishing	0.8	0.8	0.7	0.8	0.9	0.9	0.9	0.9
Sub Total	68.2	68.9	67.0	68.9	75.2	64.2	64.1	75.6
4 Mining and quarrying	1.4	1.5	1.7	1.9	1.8	2.0	2.1	2.2
5 Large Scale Manufacturing	10.7	11.8	12.9	14.2	15.4	15.7	15.8	15.6
6 Small Scale Manufacturing	7.9	8.5	8.9	9.5	10.1	9.9	10.0	10.5
7 Construction	6.2	6.3	6.6	7.3	7.5	7.6	7.4	7.0
8 Electricity gas and Water Supply	0.7	0.8	0.9	1.0	1.2	1.3	1.4	1.6
Sub Total	26.9	28.9	31.0	33.9	36.0	36.5	36.7	36.9
9 Transport & Communication	5.8	6.3	6.8	7.3	7.5	8.0	8.1	8.5
(i) Railways	2.5	2.7	2.9	3.1	3.1	3.4	3.3	3.4
(ii) Communication	0.6	0.7	0.8	0.9	0.9	1.0	1.0	1.1
(iii) Transport by other means	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0
10 Trade, Storage, Hotels & Restaurants	13.0	13.8	14.5	15.7	16.8	16.8	17.2	17.6
Sub Total	18.8	20.1	21.3	23.0	24.3	24.8	25.3	26.1
11 Bank and Insurance	1.6	1.8	1.9	2.1	2.1	2.1	2.1	2.1
12 Real Estate & Ownership of dwellings	3.9	3.9	4.1	4.4	4.4	4.5	4.6	4.8
13 Public Administration & Defence	5.4	5.9	6.6	7.5	8.3	8.8	9.1	9.5
14 Other Services	9.0	9.4	9.8	10.2	10.6	11.1	11.4	11.9
Sub Total	19.9	21.0	22.4	24.2	25.4	26.5	27.4	28.3
Total Net Domestic Product	133.8	138.9	141.7	150.0	160.9	152.0	153.3	166.9

Source: Central Statistical Organisations, Department of Statistics.

TABLE 2.27

## National Product (Revised Series) Net Domestic Product by Industry of Origin (At current Prices)

(100 crores of Rs.)

Industry	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66 (P)	1966-67 (P)	1967-68 (P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Agriculture ..	65.7	67.7	69.1	80.2	98.4	94.4	113.0	144.8
Forestry & Logging ..	1.7	2.0	2.0	2.5	2.6	2.9	3.1	3.4
Fishing ..	8	0.8	0.9	0.9	1.1	1.2	1.4	1.5
Sub Total ..	68.2	70.5	72.0	83.6	102.1	98.5	117.5	149.7
Mining & Quarrying ..	1.4	1.5	1.8	2.0	2.0	2.3	2.5	2.8
Large scale manufacturing ..	10.7	11.8	13.0	15.2	16.9	18.2	20.2	20.5
Small scale manufacturing ..	7.9	8.6	9.4	10.8	11.8	12.3	13.2	14.6
Construction ..	6.2	6.5	7.0	7.9	8.9	10.0	10.6	11.2
Electricity, Gas and water supply ..	0.7	0.8	0.8	1.1	1.3	1.5	1.8	2.0
Sub Total ..	26.9	29.2	32.0	37.0	40.9	44.3	48.3	51.1
Transport & Communication ..	5.8	6.5	7.3	8.1	8.8	9.6	10.5	11.0
(i) Railway ..	2.5	2.8	3.1	3.6	3.6	4.0	4.1	4.1
(ii) Communication ..	0.6	0.7	0.8	0.9	1.0	1.1	1.4	1.4
(iii) Transport by other means ..	2.7	3.0	3.4	3.6	4.2	4.5	5.0	5.5
Trade, Storage hotels & Restaurants ..	13.0	13.9	15.0	17.0	20.7	22.3	26.4	30.2
Sub Total ..	18.8	20.4	22.3	25.1	29.5	31.9	36.9	41.2
Banking & insurance ..	1.6	1.8	2.2	2.5	2.9	3.4	3.5	4.0
Real estate and ownership of dwellings ..	3.9	4.1	4.5	5.3	5.6	5.9	6.2	6.5
Public Administration & Defence ..	5.4	5.9	6.7	7.8	8.9	9.9	11.1	12.1
Other Services ..	9.9	9.7	10.3	11.0	12.4	13.7	15.5	17.3
Sub Total ..	19.9	21.5	23.7	26.6	29.8	32.9	36.3	39.3
Total Net Domestic Product ..	133.8	141.6	150.0	172.3	202.3	207.6	239.0	281.9

Note: P. Provisional.

Source: Central Statistical Organisation.

TABLE 2.28

## Plan Provision and Actual Outlay in Public Sector—Central Government

(Rs. in crores)

Heads of Development	First Plan		Second Plan		Third Plan		Annual Plan (a)				
	1951-52 to 1955-56)		(1956-57 to 1960-61)		(1961-62 to 1965-66)		(1966-67)		(1967-68)		(1968-69)
	Plan Provision (1)	Actual Outlay (2)	Plan Provision (1)	Actual Outlay (2)	Plan Provision (1)	Actuals (2)	Outlay (8)	Actuals (9)	Outlay (10)	Anticipated Expenditure (11)	Outlay (12)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1. Agriculture & Community Development	354	290	510	547	1068	1089	349	331	374	363	327
2. Irrigation & Power	648	583	820	882	1662	1917	501	547	524	542	495
3. Industries & Mining	188	97	950	1125	1784	1885	529	559	563	564	581
4. Transport & Communications	570	518	1340	1261	1486	2112	431	423	416	418	428
5. Social Services	532	412	810	770	1500	1498	306	267	348	340	372
6. Miscellaneous	86	60	70	85	(b)		29	15	11	3	144(c)
Total	2378	1960	4500	4670	7500	8501	2145	2142	2236	2230	2347

(b) Includes Rs. 200 crores as inventories.

(c) Includes Rs. 140 crores for Buffer Stocks.

Source: Planning Commission.

TABLE 2.29  
Position of live stock in India 1966 Census

Region	Cattle over 3 years		Buffaloes over 3 years		Total breeding Cows		Total live stock	Percentage to total livestock
	Total males	Breeding cows	Total males	Breeding cows	(2) + (4)	Per 100 of population		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Andhra Pradesh	5407	3830	1460	3114	6944	17	31595	9.2
Assam	2510	1823	241	160	1983	14	9279	2.7
Bihar	6931	3814	732	1574	5388	10	28655	8.3
Gujarat	3101	1762	35	1801	3563	15	14338	4.2
Haryana	918	611	35	1009	1620	17	5528	1.6
Jammu & Kashmir	558	646	42	242	888	23	4079	1.2
Kerala	520	1210	254	129	1339	7	4641	1.3
Madhya Pradesh	9203	7136	1237	2303	9439	25	38478	11.2
Maharashtra	6650	4481	340	1711	6192	13	25449	7.4
Mysore	3666	3118	289	1671	4789	18	20486	6.0
Nagaand	20	22	2	(a)	22	5	215	0.1
Orissa	4397	3159	598	338	3497	17	16422	4.8
Punjab	1290	825	251	1486	2311	17	7481	2.2
Rajasthan	4092	4779	154	2136	6915	29	37475	10.9
Tamil Nadu	4947	2852	502	1231	4083	11	24569	7.1
Uttar Pradesh	13231	6710	1429	5955	12665	15	49972	14.5
West Bengal	4909	4083	532	276	4359	11	19266	5.6
Union Territories	1979	911	58	379	1290	12	5940	1.7
India	73329	51772	8191	25515	77287	15	343868	100.0

Notes:—(a) Less than 500

TABLE 2.30  
Per Capita per day availability of Milk Proteins in grams in 1966

States	Human Population in 1966 Millions	Cow		Buffalo		Total	
		Milk	Proteins	Milk	Proteins	Milk	Proteins
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 Andhra Pradesh	40	21	0.7	50	2.2	71	2.9
2 Bihar	52	37	1.2	47	2.0	84	3.2
3 Gujarat	24	53	1.7	131	5.6	184	7.3
4 Kerala	19	28	0.9	7	0.3	35	1.2
5 Madhya Pradesh	37	36	1.2	48	2.1	84	3.3
6 Maharashtra	45	17	0.5	40	1.7	57	2.2
7 Mysore	27	33	1.1	41	1.8	74	2.9
8 Orissa	20	28	0.9	12	0.5	40	1.4
9 Punjab	24	78	2.5	258	11.1	336	13.6
10 Rajasthan	23	134	4.3	131	5.6	265	9.9
11 Tamil Nadu	37	34	1.1	31	1.3	65	2.4
12 U. P.	83	32	1.0	97	4.2	129	5.2
All India*	499	40	1.4	65	2.8	105	4.2

\* Includes other States and Union Territories.

Note:—According to data given in the Draft Outline of the Fourth Five Year Plan (1969-74) per Capita availability of Milk (Cow and Buffalo) is 105.2 gms. as against 284 gms. required according to Nutritional Standards.

TABLE 2.31

## Marine Fish Landings in India

(Quantity in '000 tonnes)

State	1951	1956	1961	1962	1963	1964	1965	1966	1967	1968	1969
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1 Kerala	191.0	152.2	267.5	191.4	202.4	318.0	339.2	346.7	364.1	345.3	294.8
2 Mysore	64.6	20.3	17.2	43.9	39.2	104.2	68.5	65.6	47.2	87.8	75.8
3 Maharashtra	88.5	244.5	111.8	123.7	124.6	130.6	131.9	134.3	133.3	123.9	168.7
4 Gujarat	43.7	115.0	91.4	97.7	102.0	92.9	80.6	80.3	75.6	86.6	82.2
5 Madras	77.7	115.1	123.5	111.4	109.6	131.3	99.0	134.8	124.5	154.4	151.9
6 Andhra Pradesh	59.2	52.5	54.5	60.0	64.9	71.7	76.5	80.1	75.0	77.4	77.5
7 West Bengal & Orissa	5.1	15.9	8.9	7.9	11.2	10.6	12.2	10.0	19.3	30.6	22.9
8 Others	4.1	3.3	8.8	8.2	1.6	0.3	24.9	38.5	23.9	28.6	39.8
Total	533.9	718.8	683.6	644.2	655.5	859.6	832.8	890.3	863.9	934.6	913.6

TABLE 2.32

## Principal Marine species India

(Quantity in metric tonnes)

Species	1951	1956	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1 Oil Sardine	17240	7412	167884	110299	63647	274333	261863	247214	256324	301641	174249	226598
2 Other Sardine	52403	36453	19763	19551	27173	40398	42770	64643	34950	43450	52467	50480
3 Mackerel	104900	16431	34484	29103	76980	23863	43095	31959	29194	21703	91837	134241
4 Prawns	76797	159552	64806	84266	83654	99460	81892	94630	97901	105737	111667	124528
5 Cat fish	17347	23307	10928	19327	17567	22729	18915	22572	24315	24749	26903	50648
6 Seer fish	7091	12265	11449	10941	9116	11160	9436	10113	9912	13385	11516	13227
7 Tunnies	848	3670	7805	2297	4454	5002	3698	3063	3747	4303	3445	3076
8 Pomfret	9220	12701	16488	25678	17256	19580	17892	17845	27471	28235	24176	22671
9 Lactarins	20028*	10168	8898	7656	8654	6506	5983	5873	8669	6113	4546	4697
10 Ribbon fish	16946	24481	19515	20586	16452	25891	41921	45124	29475	28667	31722	26319
11 Elasmobranchs	29519	21857	33553	40761	42997	34890	32054	37469	29561	33367	35442	43718
12 Anchoviella	59563†	26998†	22103	19167	28672	25199	24377	26679	29237	20254	31436	23848
13 Sciaenids	33214	57437	29916	32439	22570	25197	23673	26032	25542	28305	35041	40594
14 Carnax	9819	N.A.	22551	7364	17513	26923	17688	19702	24336	18606	31415	20873
15 Leiognathus	..	17360	15763	18104	17748	28301	27147	37972	43769	37887	44038	46424
16 Soles	1062	9122	7729	17644	8781	6146	9835	7431	6096	11467	11991	13110
17 Other	77019	279565	189933	179061	192250	184004	170538	191990	183380	206742	201739	217870
Total	533916	718779	683568	644244	655484	859582	832777	890311	863879	934611	913630	1062922

\* Includes

†

TABLE 2.33

## Statewise Inland Fish landings in India

(Quantity in '000 tonnes)

Country	1964	1965	1966	1967	1968
(1)	(2)	(3)	(4)	(5)	(6)
1 West Bengal	..	103.3	127.1	150.0	212.0
2 Orissa	..	*	18.0	21.0	25.0
3 Andhra	..	99.8	86.4	78.4	77.7
4 Tamil Nadu	..	120.0	99.6	86.6	119.0
5 Kerala	..	6.4	5.9	4.4	9.4
6 Mysore	..	40.0	40.0	40.0	43.2
7 Maharashtra	..	11.0	12.0	13.0	13.2
8 Gujarat	..	0.2	8.9	11.0	11.3
9 Madhyapradesh	..	5.8	6.4	6.9	7.6
10 Punjab	..	6.4	3.8	1.5	1.8
11 Haryana	..	**	**	0.6	0.7
12 Uttar Pradesh	..	9.3	11.5	11.4	13.2
13 Assam	..	6.7	31.0	16.0	24.6
14 Bihar	..	40.8	42.0	46.0	48.0
15 Other States & Union Territories	..	10.2	14.5	13.6	15.1
Total	..	459.9	507.1	477.5	621.8

\* Included in West Bengal &amp; \*\* Included in Punjab.

Source: Ministry of Food &amp; Agriculture &amp; C. D. &amp; Co-operation.

TABLE 2.34

## Exports of Marine Products—India

(Quantity in tonnes &amp; value in '000 Rs.)

Items	Unit	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1 Frozen Prawns	Quantity Value	4424.6 22931.6	6349.8 36114.2	6974.6 43622.2	9833.1 111766.4	11856.4 133261.5	16315.0 180235.8	21150.1 259154.4
2 Frozen lobster tails	Quantity Value	60.5 377.2	72.4 708.5	94.2 1214.8	81.1 1668.7	183.2 3498.8	392.8 9189.1	555.8 9575.7
3 Frozen frog legs	Quantity Value	471.8 2743.6	358.4 1844.5	467.9 2923.9	713.9 8226.7	593.9 6238.5	565.4 6437.1	1096.4 15890.2
4 Frozen Fish	Quantity Value	12.3 41.3	1.4 4.4	8.2 30.2	2.4 29.4	2.8 23.8	9.1 80.8	13.5 84.2
5 Canned Fish	Quantity Value	0.2 1.9	0.1 0.7	..	1.5 14.5	0.4 1.8	0.1 0.5	1.9 13.7
6 Canned Prawns	Quantity Value	1108.9 6750.5	949.5 6846.7	1147.6 9791.3	1959.1 27023.5	2053.9 27239.5	2166.2 25447.0	1648.0 23390.8
7 Dried Prawns	Quantity Value	2922.5 9286.7	2679.5 8155.8	1417.8 4599.2	1195.6 6313.0	1928.2 10425.6	1076.2 6029.9	987.4 5562.8
8 Dried Fish	Quantity Value	9394.6 15080.2	9743.4 14910.5	4678.9 6392.1	6671.8 15280.1	4567.2 11766.2	5374.1 14120.7	5521.4 14291.1
9 Others	Quantity Value	601.7 3659.6	967.9 2902.5	505.9 2063.6	652.8 3362.7	720.6 4714.9	912.3 5380.0	720.6 6616.2
Total	Quantity Value	19057.1 60872.6	21122.4 71487.8	15295.1 70632.3	21116.3 173685.0	21906.6 197170.6	26811.2 246970.9	31695.1 334579.1

Table 2.35

## Mechanised/Motorised Fishing Vessels in Maritime States

States	As on date	Categories of vessels (length in feet)					Total
		Upto 30	31'-40'	41'-50'	51'-60'	60' & above	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
West Bengal	31-12-1968	10	5	..	..	..	15
Orissa	31-12-1968	..	..	..	..	..	50
Andhra	31-8-1968	..	..	..	..	..	350
Tamilnadu	31-3-1969	660	153	..	..	..	813
Kerala	31-6-1969	784	422	1	..	..	1207
Mysore	30-8-1969	463	133	8	..	1	605
Maharashtra	30-6-1968	..	..	..	..	..	2197
Gujarat	31-12-1968	..	..	..	..	..	1292
Pandicherry	30-6-1969	16	8	..	..	..	24
Goa	31-12-1968	1	28	2	..	..	31
Daman & Diu	31-12-1967	..	..	..	..	..	68
Andamans	30-6-1968	..	..	..	..	..	5
Lacadives	30-6-1969	..	..	..	..	..	51
Government of India Deep Sea fishing Station	31-5-1969	..	..	..	..	..	17
Indo-Nowegian Project	19-9-1968	1	6	..	..	5	12
Total							6737

Source: Marine Fisheries Research Institute.



Table 2.36

## Statistics of Marine Fishermen Population and Fishing Crafts

(Based on sample surveys during 1961-62)

State	Number of marine fishing villages	Marine fishermen population	Number of active marine fishermen	Number of fishing crafts	Average annual marine fish landing during 1961-65 (in tonnes)
(1)	(2)	(3)	(4)	(5)	(6)
West Bengal	26	2311	606	108	10180
Orissa	156	33630	8828	2786	
Andhra	321	136893	47700	19772	65391
Madras	363	214868	56586	29661	116248
Kerala	279	333822	74241	20667	262648
Mysore	131	51636	8963	6357	52919
Maharashtra	265	103535	20698	7894	123458
Gujarat	256	82242	11732	3179	92834

Source: Central Marine Fisheries Research Institute—Bulletin No 13, July 1969.

Table 2.37

## Annual Statewise Fishing effort in Thousand Man Hours During 1956-68

Year	West Bengal & Orissa	Andhra	Tamilnadu*	Kerala	Mysore	Maharashtra	Gujarat	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1956	5.5	78.9	85.4	81.7	11.3	49.1	23.1	334.9
1957	9.0	47.1	73.9	93.9	11.5	54.0	28.9	318.1
1958	9.7	50.6	66.1	95.4	10.8	51.4	29.2	313.3
1959	4.8	47.4	69.2	63.3	10.3	32.5	19.9	247.4
1960	7.2	48.5	66.8	40.0	9.9	23.2	20.6	26.3
1961	5.9	46.1	48.7	37.9	5.7	20.9	24.7	209.8
1962	4.7	60.6	72.9	32.3	5.6	22.6	19.0	217.8
1963	5.3	52.4	50.3	37.1	6.9	19.5	24.6	196.2
1964	5.0	40.9	46.9	39.2	4.4	15.4	23.7	175.4
1965	6.5	55.4	48.2	46.3	3.5	14.8	12.5	187.3
1966	6.6	54.0	53.5	48.1	6.5	15.5	14.0	198.2
1967	11.5	38.3	45.2	43.5	5.3	25.3	17.8	186.9
1968	15.2	35.9	48.5	41.3	7.2	21.6	18.9	188.7

\* Including Pondicherry

Source: Marine Fish Production in India 1950-68, Bulletin No. 13

Table 2.38

## Area under forest in India 1950-51 to 1966-67

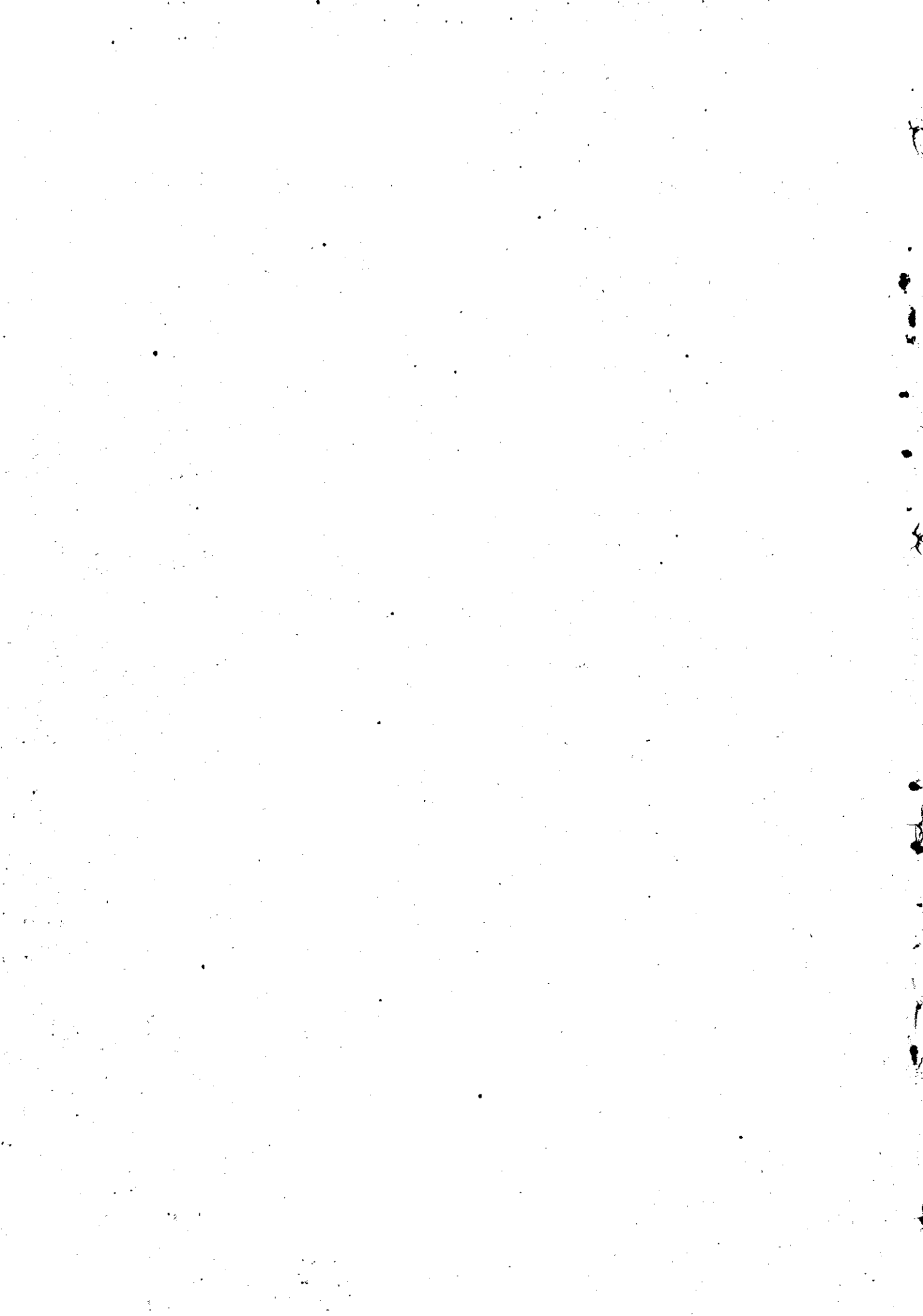
Year	Forest area ('000 hectares)	Percentage to total reporting area
(1)	(2)	(3)
1950-51	40482	14.2
1955-56	51343	17.6
1960-61	54032	18.1
1964-65	60351	19.8
1966-67	62335	20.4

Source: Directorate of Economics &amp; Statistics, Government of India, Ministry of Food &amp; Agriculture, Community Development and Co-operation.

Table 2.39  
Revenue From Forests — India

Sl. No.	State (Union Territory)	Total forest area (1966-67) (Sq. Km)	Forest Revenue 1969-70 (Rs. lakhs)	Forest receipts per hectare (in Rs.)
(1)	(2)	(3)	(4)	(5)
			601.15	9.04
1	Andhra Pradesh	66510	365.17	8.00
2	Assam	45650	424.00	13.74
3	Bihar	30850	415.88	21.44
4	Gujarat	19400	28.00	20.59
5	Haryana	1360	652.33	30.13
6	Himachal Pradesh	21650	520.00	24.99
7	Jammu & Kashmir	20810	882.80	84.80
8	Kerala	10410	2600.00	15.03
9	Madhyapradesh	172990	925.34	28.80
10	Maharashtra	66860	1471.00	41.78
11	Mysore	35200	13.00	4.19
12	Nagaland	3100	640.00	9.38
13	Orissa	68160	61.00	32.44
14	Punjab	1880	71.72	1.91
15	Rajasthan	37640	336.00	15.15
16	Tamilnadu	22180	1931.53	42.26
17	Utter Pradesh	45710	235.00	19.86
18	West Bengal	11830		
	Total	682190	12173.92	17.84
			103.95	2.02
1	N.E.F.A.	51540	153.27	24.14
2	Andaman, Nicobar & Other Islands	6350	19.24	3.04
3	Tripura	6330	5.33	0.89
4	Manipur	6020	15.70	
5	Goa, Daman & Diu	N.A.		
	Total	70240	297.49	4.23
	Grand Total	752430	12444.51	1654

Source: Indian Forester July 1971



**SECTION III—WORLD**

SECRET - NO FORN DISSEM

TABLE 3.1

## Agricultural population, continental and world estimates

Continent	1950		1965		Percentage of Agricultural Population	
	Total Population	Agricultural Population	Total Population	Agricultural Population	1950	1965
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Europe	392	129	455	103	33	23
U. S. S. R.	181	90	231	73	50	32
North and Central America	218	52	294	55	24	19
North America	(166)	(23)	(214)	(13)	(14)	(6)
Central America	(52)	(29)	(80)	(42)	(56)	(53)
South America	110	65	165	76	59	46
(Excluding) China Mainland	578	518	1132	732	64	65
Africa	218	166	313	231	76	74
Oceania	12	3	17	3	22	19
World (Excluding) China Mainland	1949	1023	2597	1273	53	49
China Mainland	547	377	764	481	69	63
World Total	2496	1403	3361	1754	56	52

Source: F. A. O. Production Year Book 1969, Vol. 23.

TABLE 3.2

## Agricultural and Economically active population in selected Countries—1965

Country	Total Population		Agricultural Population		Economically active Population		
	'000	'000	'000	% in Agriculture	Total '000	in Agriculture '000	% in Agriculture
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Denmark	4758	655	14	2190	330	15	
France	48758	7655	16	19940	3590	18	
Germany Fed R.	56839	4545	8	26715	2940	11	
U. K.	54436	2024	4	25301	961	4	
U. S. S. R.	230556	73271	32	119170	38910	33	
Canada	19604	1765	9	6911	774	11	
United States	194592	11700	6	78357	4836	6	
Australia	11333	1117	10	45560	455	10	
Newzealand	2868	343	12	975	125	13	
Brazil	80766	40383	50	26175	12565	48	
Burma	24732	15334	62	9895	6135	62	
China-Taiwan	12443	5846	47	3780	1775	47	
India	486650	340655	70	207598	145319	70	
Japan	97952	23685	24	48269	11731	24	
Pakistan	113300	83840	74	38455	28455	74	
U. A. R.	29499	16225	55	8885	4890	55	

Source: F. A. O. Production Year Book 1969, Vol. 23.

TABLE 3.3

## Land Utilisation pattern in selected Countries

Country	Reference period	Geographical Area		Agricultural Area			Forest Area		Others area (a)	
		Million hectares	Share in world area (%)	Arable land and land under permanent (Crops Million Hectares)	Permanent Meadows and pastures (Million Hectares)	Col.(5)+ Col.(6) (Million hectares)	Share in World Agricultural area	Million Hectares	Share in World forest area (%)	Million hectares
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
U. S. S. R.	1968	2240.2	16.7	224.3	373.7	598.0	5.6	910.0	22.4	
U. S. A.	1964	936.3	7.0	176.4	259.2	435.6	9.9	296.1	0.5	
Canada	1966	997.6	7.4	43.4	21.0	64.4	1.5	443.1	1.1	
China	1954	956.1	7.1	109.4	178.0	287.2	6.5	76.6	1.9	
Brazil	1960	851.2	6.4	29.8	107.3	137.1	3.1	517.9	12.7	
Australia	1967	768.7	5.7	41.5	448.1	489.6	11.1	35.5	0.9	243.6
India	1967	326.8	2.4	163.7	14.1	177.8	4.0	60.5	1.5	88.5
Iran	1960	164.8	1.2	11.6	6.7	18.3	0.4	12.0	0.3	134.5
Peru	1966	128.5	1.0	2.6	27.3	29.9	0.7	87.0	2.1	11.6
South Africa	1960	122.2	0.9	12.1	90.4	102.5	2.3	4.1	0.1	15.6
U. A. R.	1967	100.1	0.7	2.8	..	2.8	0.1	Neg.	Neg.	97.3
Turkey	1968	78.1	0.6	26.6	26.1	52.7	1.2	18.3	0.4	7.1
Burma	1966	67.8	0.5	16.1	0.4	16.5	0.4	45.3	1.1	6.1
WORLD		13392.0	100.0	1406.0	3001.0	4407.0	100.0	4068.0	100.0	4917.0

Note: (a) Refers to unused but potentially productive and built on waste land areas and others.  
Source: (a) F. A. O. of the United Nations, Production Year Book 1969.

TABLE 3.4

## Per capita availability of Arable land in selected Countries

Country	Arable		Population (a) (1000)	Per capita arable land (Hectare)	
	Reference year	('000 Hectare)			
(1)	(2)	(3)	(4)	(5)	
Australia	..	1967	41461	11980	3.46
Canada	..	1966	43404	20772	2.09
China	..	1954	109354	814578	0.13
U. S. S. R.	..	1968	224300	237808	0.94
U. S. A.	..	1964	176440	201152	0.88
Turkey	..	1968	26601	33539	0.79
South Africa	..	1960	12058	19167	0.63
Burma	..	1966	16087	26389	0.61
U. A. R.	..	1968	2801	31680	0.09
Mexico	..	1960	23817	47267	0.50
Afghanistan	..	1967	7844	16330	0.48
Iran	..	1960	11593	27000	0.43
Yugoslavia	..	1968	8246	20186	0.41
Brazil	..	1960	29760	88209	0.34
India	..	1967	163720	523893	0.33
Italy	..	1968	15195	52750	0.29
Pakistan	..	1965	28214	123800	0.23
WORLD TOTAL	..		1406000	3571448	0.39

Note: (a) Relate to Mid-year 1968  
(b) Relate Cultivable land.

TABLE 3.5  
Area, Production and average yield of major crops

Crop	Area (Million Hectares)					Production (Million Mt. Tonnes)					Yield (100 Kg/Hectare)				
	1948/ 1952	1965	1966	1967	1968	1948/ 1952	1965	1966	1967	1968	1948/ 1952	1965	1966	1967	1968
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Wheat	173.3	218.1	217.2	221.9	227.5	171.1	265.8	308.3	298.0	332.5	9.9	12.2	14.2	13.4	14.6
Rey	38.6	27.1	24.1	22.7	22.4	37.0	35.4	31.0	31.6	33.4	9.6	13.1	12.9	13.9	15.0
Barley	52.4	69.1	70.2	71.0	74.9	59.3	104.8	116.0	118.3	130.7	11.3	15.2	16.5	16.7	17.4
Oats	54.0	30.7	30.7	31.2	32.3	61.7	46.8	48.5	50.7	54.2	11.4	15.3	15.8	16.3	16.8
Maize	87.8	99.4	102.3	106.7	106.0	139.5	226.2	238.8	264.5	251.1	15.9	22.7	23.3	24.8	23.7
Millet and Sorghum	95.4	109.4	112.1	115.1	111.2	48.3	78.0	84.7	90.6	85.1	5.1	7.1	7.6	7.9	7.7
Rice & Paddy	102.6	125.5	126.2	128.8	132.2	167.3	254.2	253.1	275.9	284.2	16.3	20.3	20.0	21.4	21.5
Total Cereals	611.5	684.3	688.0	702-2	711.3	692.2	1018.5	1087.5	1137.5	1179.5	11.4	14.9	15.8	..	..
Potatoes	22.6	23.6	23.1	23.0	22.8	247.4	284.3	293.9	307.9	315.5	110.0	121.0	127.0	134.0	138.0
Sweet Potatoes and Yams	10.4	16.1	16.3	16.0	16.0	70.1	134.5	134.5	135.3	134.4	68.0	88.0	83.0	85.0	84.0
Cotton (Lint)	31.0	34.4	31.6	31.2	31.6	7.5	11.8	10.7	10.4	11.3	2.4	3.4	3.4	3.3	3.6
Total Pulses	50.7	65.2	63.3	63.1	62.7	29.3	41.9	40.6	39.6	42.7	5.8	6.4	6.4	..	..
Total Oil Seeds	84.5	114.0	110.9	112.5	112.6	51.3	93.0	94.0	98.0	101.0	6.1	8.2	8.5	..	..

Source: F. A. O. Production Year Book 1969—Vol. 23.

TABLE 3.6  
Productivity of Rice in selected countries—Yield 100 Kg./Hectare

Country	1948-52	1952-56	1964	1965	1966	1967	1968
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
U. S. A.	25.6	30.0	45.9	47.7	48.4	50.9	49.6
U. S. S. R.	14.5	16.7	24.7	26.9	28.7	31.9	34.1
Australia	46.6	52.0	59.1	61.4	69.7	71.8	71.9
Italy	48.5	51.3	52.2	40.2	46.8	51.8	41.1
Japan	42.5	43.4	50.1	49.5	50-9	57.5	57.2
Spain	48.6	57.9	62.1	59.3	63.6	61.0	60.4
Mexico	19.9	19.2	20.7	22.6	24.3	25.3	27.2
Brazil	15.8	14.5	15.2	16.4	14.5	15.8	14.9
Burma	14.6	15.0	17.1	16.6	14.7	15.6	17.1
India	11.1	12.8	16.1	13.0	13.0	15.5	16.1
U. A. R.	37.9	44.4	50.4	50.3	47.3	50.4	51.1
Pakistan	13.8	13.7	16.8	16.5	15.7	16.8	17.8
Thailand	13.1	13.5	16.0	15.4	17.2	17.1	16.0
Taiwan	23.2	28.1	38.5	39.8	39.5	40.2	41.8
China (main land)	21.7	25.1	..	..	..	..	..

Source: F. A. O. Production Year Book 1969, Vol. 23.



TABLE 3.7  
Irrigation in selected Countries

Country	Reference Year	Irrigated Land ('000 hect.)	Arable Land ('000 hect.)	Irrigated land as percent of arable land
(1)	(2)	(3)	(4)	(5)
U. A. R.	1968	2801	2801	100.0
Japan	1968	3171	5684	55.8
Pakistan	1965	12043	28214	42.7
Israel	1968	159	411	38.7
Thailand	1968	1768	11415	15.5
India	1967	27520	163720	16.8
Philippines	1960	960	8546	11.2
China (Main land)	1964	74000	109354	67.7
U. S. A.	1964	12770	176440	7.2
U. S. S. R.	1968	10060	224300	4.5
Australia	1968	1344	41461	3.2

F. A. O. Production Year Book 1969, Vol. 23.

TABLE 3.8  
Index Numbers of Agricultural Production (Total & percapita) in selected Countries

1952-1956=100

Country	Agricultural Production							Per capita						
	1952	1956	1961	1965	1966	1967	1968	1952	1956	1961	1965	1966	1967	1968
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Denmark	95	103	118	122	121	123	127	96	102	113	113	111	112	115
France	89	103	117	140	134	148	155	90	101	109	124	118	129	134
Germany	95	102	109	118	127	140	145	97	100	100	103	110	121	124
Sweedeen	103	99	99	103	94	107	110	104	98	95	96	86	98	101
Switzerland	98	97	115	109	114	122	131	100	95	103	90	93	99	105
United Kingdom	95	109	122	143	145	149	143	95	108	117	134	135	137	132
Yugoslavia	69	102	131	147	184	181	177	71	99	122	131	161	156	151
Canada	110	108	90	131	144	123	134	116	103	74	102	110	92	99
United States	98	103	111	118	118	124	125	102	99	98	99	98	107	102
Australia	96	105	126	133	154	141	169	101	100	108	105	121	108	127
New Zealand	96	106	124	141	145	150	156	101	102	107	113	113	115	119
Argentina	98	110	106	110	118	126	116	102	106	93	90	96	100	92
Brazil	92	106	144	171	154	164	162	98	100	117	124	109	112	107
Burma	100	106	119	134	117	131	141	104	103	104	108	93	102	107
Ceylon	95	102	123	141	140	147	152	100	97	103	107	104	107	108
China, Taiwan	89	108	128	157	163	170	176	96	101	101	97	97	103	109
India	90	106	124	122	121	131	137	93	103	107	96	93	98	100
Japan	97	110	120	134	139	156	162	100	107	112	120	124	137	141
Pakistan	98	105	120	131	130	142	150	104	100	98	96	93	98	100
Iran	90	112	132	145	144	157	175	95	106	109	106	103	108	118
Iraq	83	125	186	255	256	297	310	88	99	95	95	92	93	107
U. A. R.	95	107	112	144	144	140	150	100	102	95	110	107	102	106
WORLD	87	107	121	133	138	143	147	93	103	106	107	109	111	112

Source: F. A. O. Production Year Book 1969, Vol. 23.

TABLE 3.9

## Food Production (Total &amp; Per capita) in selected Countries

(1952-56=100)

Country	Total							Per capita						
	1952	1956	1961	1965	1966	1967	1968	1952	1956	1961	1965	1966	1967	1968
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
France	89	103	118	140	135	149	156	90	101	110	124	118	129	134
Germany West	95	103	110	119	128	141	146	97	100	101	104	111	121	125
Sweden	103	99	100	103	94	107	111	104	98	96	96	87	98	101
Switzerland	98	97	115	109	113	122	130	100	95	103	90	93	99	105
Denmark	95	103	119	123	121	123	128	96	102	113	113	111	112	115
U. K.	95	109	122	144	146	150	144	95	108	117	134	135	138	132
Yugoslavia	70	102	134	149	187	185	183	71	99	125	132	164	160	156
Canada	112	106	88	130	144	124	134	118	101	74	102	110	93	99
United States	97	104	113	121	125	133	183	101	101	100	102	103	109	108
Argentina	96	111	105	110	119	130	120	101	107	92	90	97	104	94
Brazil	88	110	136	169	165	174	176	94	104	111	122	116	119	117
Burma	100	107	121	136	120	134	143	103	104	107	110	95	104	108
Ceylon	98	100	125	147	143	155	162	103	95	105	112	106	113	115
China (Taiwan)	89	108	128	157	163	169	176	96	101	100	108	109	111	112
Japan	98	110	121	135	141	159	166	100	107	113	121	125	140	145
India	90	106	124	122	121	130	138	93	102	108	96	93	98	101
Pakistan	96	105	120	132	130	141	151	101	100	99	97	92	97	101
Tailand	90	113	133	154	185	161	176	95	107	108	111	129	109	116
Iran	91	112	128	136	139	153	168	96	106	105	99	99	106	113
Iraq	83	104	117	134	135	141	169	87	99	95	95	92	93	108
U. A. R.	85	112	118	143	150	146	158	89	107	100	109	111	106	112
Australia	98	99	125	137	167	145	183	102	94	107	109	130	111	138
New Zealand	98	105	120	134	139	145	153	103	101	104	107	108	111	116
WORLD	87	107	122	133	140	145	150	97	103	106	107	110	113	114

Source: F. A. O. Year Book 1969, Vol. 23.

TABLE 3.10

## Production and consumption of Fertilisers

1948/49 1952/53	1952/53 1956/57	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
45230	66372	119497	131491	149156	168294	191595	214485	242425	265843
42776	62658	110333	123985	139863	154241	174327	199090	225968	245189
60560	75198	104209	110820	124592	138426	150756	162865	172060	174659
61009	74871	104256	110715	122275	133361	143872	155431	166187	172758
48165	66199	93553	98251	107982	121287	137659	144009	151660	159335
44884	63426	86775	92833	100312	109542	121624	130422	140715	147130

Source: F. A. O. Production Year Book 1966, 67, 68 &amp; 69.

TABLE 3.11  
Livestock population in selected countries 1967-1968 (a)

('000 head)

Country	Cattle	Pigs	Sheep	Horses (b)	Asses	Total	Percentage share
							in world livestock population
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
China	62950	213000	70000	9300	11100	366350	12.7
U. S. S. R.	97167	50867	138461	8025	..	294520	10.2
India	176100	4890	42250	1050	1230	225520	7.8
U. S. A. (c)	109152	55265	22140	7000	..	193557	6.7
Brazil	89896	63406	23065	14042	2971	193380	6.7
Australia	19182	2056	166912	475	..	188675	6.6
New Zealand	8247	614	60474	84	..	69419	2.4
Mexico	35000	14950	6706	7310	3600	67566	2.3
Turkey	14165	..	35878	1442	1965	53450	1.9
South Africa	11500	1700	38262	510	345	52317	1.8
Pakistan	36000	94	11050	497	925	48566	1.7
Ethiopia	25800	..	12500	2760	3800	44860	1.6
France	21417	9746	9248	1046	41	41498	1.4
West Germany	13981	19033	810	282	..	34106	1.2
Uruguay	8350	380	21500	440	..	30670	1.1
U. K. (c)	12151	7387	28004	140	..	47682	1.7
WORLD	1091017	606566	1059013	76254	41955	2874805	100.0

Source: United Nations, Statistical Year Book—1969.

TABLE 3.12  
World catch of Fish

(Quantity in '000 tonnes)

Sl. No.	Country	1958	1963	1964	1965	1966	1967	1968	1969	% total 1969
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Peru	961	6899	9116	7462	8789	10134	10520	9224	14.6
2	Japan	5505	6698	6351	6908	7104	7852	8670	8624	13.7
3	Norway	1442	1388	1608	2307	2865	3269	2804	2481	3.9
4	United States	2703	2777	2647	2724	2543	2431	2442	2495	4.0
5	India	1065	1046	1320	1331	1368	1400	1526	1605	2.5
6	Spain	845	1125	1203	1341	1363	1436	1503	1486	2.4
7	Canada	1008	1197	1211	1262	1346	1296	1499	1408	2.2
8	Denmark	598	848	871	841	851	1070	1467	1275	2.0
9	Chile	226	762	1161	708	1383	1053	1376	1077	1.7
10	South Africa	652	1165	1263	1368	1184	1696	2200	2130	3.4
11	U. K.	999	961	974	1047	1068	1026	1040	1083	1.7
Total for 11 Countries		16004	24866	27725	27299	29864	32663	35047	32888	52.1
World Total		33200	48200	52800	53700	57400	61100	64300	63100	100

Source: F. A. O. Production Year Book 1969, Vol. 23.

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(4)

