



ABSTRACT OF STATISTICS FOR TAMIL NADU

VOLUME XXIII

No. 4

FOR THE QUARTER ENDED DECEMBER 1978

ISSUED BY :
THE COMMISSIONER OF STATISTICS
MADRAS


GOVERNMENT OF TAMIL NADU
1980

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PREFACE

The Abstract of Statistics for Tamil Nadu presents in the form of a compendium, current statistics on select items of importance. This publication is intended to serve as an authoritative book of reference to Government Departments, Research Scholars, Statisticians, Economists, Planners, etc.

This issue covers in the main, statistics for the quarter ended December 1978 with comparative data to the extent available.

Chapters on 'Economic Situation in Tamil Nadu, and 'Select Economic Indicators' highlight the tempo of progress of Tamil Nadu.

A special feature of this issue is the inclusion of a report on un-employment among Scientists in Tamil Nadu.

The co-operation extended by other Heads of Departments in furnishing the statistics required, is gratefully acknowledged.

MADRAS,
Dated : 28th February 1979. }

M. A. LATIFF,
Deputy Commissioner of Statistics.

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PART A

ECONOMIC SITUATION IN TAMIL NADU.

Rainfall.—The north-east monsoon had set in Tamil Nadu on 24th October 1978 with a delay of a weeks time. In the first week of October 78 there was isolated rainfall and dry weather prevailed in most parts of the State. Fairly widespread rain occurred during the third week of October. Though the rainfall was deficient in October 78 the water supply from the most of the reservoirs of Tamil Nadu was adequate for agricultural operations.

The north-east monsoon was very active during the first week of November due to the low pressure that formed in the Bay of Bengal which was centred at 370 km. east-south-west of Nagapattinam on 3rd November and it moved northwards to Cuddalore. Under its influence there was heavy rainfall throughout Tamil Nadu with an exceptionally very heavy rainfall in Cuddalore and in many places of Thanjavur districts.

On November 24th a cyclonic storm with a speed of 120 km. to 140 km. per hour lashed Mandapam. During the month of December there was heavy rainfall throughout Tamil Nadu. Thrice during this month a low pressure area persisted over the south-west Bay of Bengal along Tamil Nadu coast. There was widespread rainfall in coastal Tamil Nadu and scattered rainfall in interior Tamil Nadu.

Water Supply.—During the quarter the water supply was reported to be more than adequate in all the districts as heavy rain lashed most parts of the State. All the tanks in Tamil Nadu were almost full.

Water Level.—The water level in the reservoirs of Papanasam, Manimuthar and Amaravathi showed an increasing trend. The water level in Periyar declined in October but increased thereafter. There were minor fluctuations in the water levels of other reservoirs. At the end of December 1978, all the reservoirs were full, except Periyar, Pechipparai, Standleey and Perunchani reservoirs where the water level declined.

Crop Prospects.—The north-east monsoon which extends from October to December was active during the quarter particularly in November and December 1978. The intensity of the showers varied from time to time and the north-east monsoon was at its peak during the end of December fetching copious supply of water to almost all irrigation tanks and reservoirs.

The occurrence of two successive cyclonic storms though helpful in augmenting water for irrigation requirements, was harmful to a limited extent affecting the harvest of Kuruvai Paddy in the State.

Out of a total of 3.67 lakh acres under Kuruvai Paddy in Thanjavur district 2.22 lakh acres only were harvested before the cyclone and the yield rate in the remaining areas was reported to have decreased by 10 per cent mainly due to inundation of paddy fields ready for harvest.

A total extent of 1.73 lakh acres of paddy in Thanjavur district comprising 27,000 acres under Kuruvai 1,31,000 acres under Samba and 15,000 acres under Thalady were submerged in water. But as the water receded quickly damage to the crops was negligible.

The harvest of Groundnut in Chengalpattu and parts of North Arcot, Dharmapuri and Coimbatore was also affected due to incessant rains.

About one lakh acres of standing crops were partly affected by the torrential rains in the districts of South Arcot, Pudukkottai and Kanniyakumari.

The rains however, was beneficial to the standing crops in North Arcot, Madurai and Tirunelveli district

In general the crop prospects during the year especially in later part of khariff season and in Rabi would be much more brighter than anticipated.

Agriculture.—The total geographical area of Tamil Nadu according to village papers was 18.0 million hectares in 1976-77. Out of which the net area sown accounted for 3.0 million hectares the area cultivable but not cultivated showed 2.7 million hectares, and the uncultivable land was 4.8 million hectares. Out of the 6.0 million hectares of the net area sown 2.8 million

hectares or about 38.8 percent was irrigated. The area sown more than once was 1.1 million hectares of which 0.7 million hectares or about 58.9 percent was irrigated.

Index numbers of agricultural economy.—The provisional index numbers of area under crops yield production, cropping intensity, cropping pattern and productivity per hectare for 1977-78 has increased by 8.2, 12.8, 24.6, 8.2, 0.3 and 24.6 points respectively when compared with 1976-77

Electricity.—During the Quarter ended December 1978, the generation of electricity was 1,666 million units as against 1,852 million units during the previous quarter.

The total consumption of electricity increased from 2,071 million units during the quarter ended June 1978 to 2172 million units during the quarter ended September 1978.

Handlooms.—The production of handloom cloth in Tamil Nadu during the quarter ended September 1978 has been estimated at 151, 465,000 metres as against 150,487,000 metres for the previous quarter. While the total production of all varieties of handloom cloth has increased by 0.65 per cent.

Joint Stock companies.—During the quarter ended December 1978, 5 public companies and 66 private companies were newly registered as against 6 public companies and 172 private companies during the previous quarter.

The total authorised capital of newly registered public and private companies during the quarter ended December 1978 was 498.04 lakhs as against 725.64 lakhs during the previous quarter.

During the quarter under review 2 companies went into liquidation as against 4 companies during the previous quarter.

Transport.—During the quarter ended September 1978, the total number of newly registered motor vehicles in Tamil Nadu was 8,009 as against 7,082 during the previous quarter showing an increase in the number of registrations.

Employment.—The total number of employment seekers on the live Register of Employment Exchanges at the end of quarter ended December 1978 increased by 0.7 per cent, compared with the previous quarter. The number of persons registered in the Exchanges during this quarter decreased by 27.8 per cent compared with the previous quarter. The placements made through the exchanges during this quarter increased by 11 per cent compared with the previous quarter.

Area and yield of Coconut and Arecanut in Tamil Nadu.—The estimated production of coconut was 1,035.49 million nuts during 1977-78 showing a fall of 4.25 per cent when compared with the previous year. The fall was mainly due to the damage caused by cyclone and floods in November 1977. The estimated production of cured arecanut was 2,590 tonnes recording an increase of 1.56 per cent.

Marine Fisheries.—The marine fish landings by non-mechanised boats on the coast line of Tamil Nadu for the quarter ended 31st December 1978 is provisionally estimated at 18,170 tonnes as against 25,460 tonnes for the previous quarter.

Industries.—Industrial Production in Tamil Nadu registered an increase of 4.7 per cent during the quarter ended September 1978 as the General Index rose from 158.9 percent in the quarter ended June 1978 to 165.4 percent in the quarter ended September 1978. The increase in the General Index was the result of substantial improvement in the two major sector of Manufacturing and Electricity which reported increase of 3.7 per cent and 11.3 per cent respectively.

The rise during the quarter under review was brought out by the substantial increase in output observed in respect of Refined Oil, Railway Wagons, Printing Paper, Tyres (all types), Tubes (all types), and Bicycles under Manufacturing Sector.

Significant decreases in production were noticed in respect of Sugar (Refined), Tea (Processed), Coffee (Cured) and Earth Moving Machinery.

Index Number of Wholesale Prices in Tamil Nadu (Base Prices on 21st August 1939—100).—During the quarter ended December 1978, the index number of wholesale prices of foodgrains, commercial products and composite index advanced by 2.8 per cent, 3.8 per cent and by 3.4 per cent respectively.

Consumer Price Index Numbers (Base : 1960 = 100).—During the quarter ended December 1978, the Consumer Price Index Numbers advanced in all the centres, viz., Madras, Cuddalore, Tiruchirappalli, Madurai, Coimbatore, Nagercoil and Coonoor.

Rural Price Index Numbers (Base : Year ended June 1971 = 100).—During the quarter ended December 1978 the index number of Rural prices advanced in Puliur, Agram, Thuvayanatham, Kinathukadavu, Guduvancheri and Kunnathur, while the index declined at Gokilapuram. The index remained unaltered at Eriodu when compared with the end of the previous quarter.

Consumer price index number for urban-nonmanual employees (Base 1960 = 100).—Consumer price index number for urban-non-manual employees appreciated in Madurai and Tiruchirappalli while it remained unchanged at Madras when compared with the end of the previous quarter (i.e), June—1978.

Index numbers of wholesale prices of food-grains and commercial products in Tamil Nadu (Base Prices on 21st August 1939 = 100).—During the quarter ended December 1978, the index number of wholesale prices of foodgrains, and commercial products appreciated. As compared with the index for September 1978, the index number of wholesale prices of food grains increased by 44 points from 1597 in September 1978 to 1641 in December 1978 or by 2.8 per cent owing to an increase in the prices of rice I and II sorts samba wheat, cholam and cumbu.

The index number of wholesale prices of commercial products too moved up by 101 points from 2692 in September 1978 to 2793 in December 1978 or by 3.8 per cent. Higher prices of chillies, cane jaggery, palm jaggery, gingelly seed, coconuts, gingelly oil, groundnut oil, cotton seed, tobacco, tanned cow-hides, tanned goat skins and tanned sheep skins contributed for the upward trend in the index.

Minor Crops.—The total area for the districts covered under onion was 14,534 hectares, under chillies was 59,422 hectares under potato (winter and summer) combined was 11,057 hectares and under tapioca was 34,540 hectares in 1976-77.

The estimated production of onion was 125,490 tonnes, chillies was 1,13,910 tonnes, potato (winter and summer) combined was 1,31,050 tonnes and tapioca was 8,11,760 tonnes in 1976-77.

Trade.—The total volume of foreign imports and exports through the ports in Tamil Nadu during the quarter ended 30th September 1978 was of the order of Rs. 350.52 crores of which exports accounted for Rs. 155.10 crores and imports were Rs. 195.42 crores.

When compared with the corresponding quarter of the previous year, the imports increased by 28.8 per cent whereas the exports showed a nominal increase of 3.7 per cent only.

PART B

UNEMPLOYMENT AMONG SCIENTISTS IN TAMIL NADU.

Introduction.—The scientific and technical manpower is an important segment of human resources, the development of which is essential for the progress of the nation. The scientists who are so indispensable for the Nations developmental planning are also confronted with the problem of unemployment and under employment. This study aims at revealing the causes of unemployment among highly educated scientific and technical personnel and the problems associated with it.

Definition of the term scientists.—The post-graduates in the faculty of science and graduates in agriculture, medicine, engineering and veterinary have been considered as scientists for the purpose of this study.

Unemployment of scientists.—The number on the Live-Register is often taken to represent the unemployed component of the labour force, in the absence of any other source for such data. But the Employment Exchange data in subject to the limitations viz. (i) under registration of the unemployed and (ii) registration of those, who are already employed.

These figures have however to be suitably connected to arrive at the estimates of unemployment. The number of scientists in Tamil Nadu who sought employment through Employment Exchange revealed that as much as 7,300 scientists remained unemployed in Tamil Nadu during the year 1976, while as much as 4,500 scientific and technical persons were estimated to be unemployed in our country. That is about 16 percent of the total unemployed scientists were in Tamil Nadu. The unemployment situation in Tamil Nadu as indicated by the number of job seekers per million population, shows that the position has worsened as between 1964 and 1971. The number of unemployed scientists per million increased from 21 (in 1964) to 302 (in 1971) in Tamil Nadu.

Post-graduates in Science.—Post-graduates in science formed the bulk of the unemployed constituting about 44 percent, while engineering graduates constituted 35 percent, medicine 16 per cent and remaining 5 percent represented the agricultural and veterinary science graduates. These were as much as 3,703 post-graduates in science subjects who alone constituted 44 percent of the unemployed among scientists, during the year 1977. It may also be observed that unemployment situation of post-graduate scientist has more than doubled in the year 1977 compared to the position that prevailed during the year 1972. It would thus appear that the problem of unemployment among scientists has assumed alarming proportions and the incidence of unemployment being more among post-graduates in science than in other categories.

According to the Live-Register figures, the number of unemployed agricultural graduates in Tamil Nadu is well below 50 till the year 1975. There was a sudden increase in the number of unemployed agricultural graduates to 196 in the year 1976 and 286 in 1977. The scientific manpower required for the development of agriculture is very essential as this sector constitutes more than 50 percent of the State Income. The unemployment of engineering graduates in Tamil Nadu has recorded the highest figure of 2,960 in the year 1977. Though, the problem of unemployment among the engineering persons has been brought under control by restricting the level of in-take in colleges, the economy does not seem to have been fully geared up to absorb the bulk of the unemployed engineering personnel.

In the case of medical graduates, it is only the profession among the highly educated scientific personnel, where self-employment is significant. It can therefore be reasonably assumed that most of the Doctors borne on the Live-Register are self-employed and have registered their names for better prospects. The number of unemployed medical graduates, which stood at 154 in 1971, has shot upto 1,358 in 1977 an all time high. It is highly paradoxical that the number of the Live-Register is increasing by leaps and bounds from year to year, while vast majority of population in the rural areas are deprived of the bare minimum medical facilities. The problem of unemployment among the veterinary science graduates is not so severe as to cause anxiety upto 1974. There were only 10 veterinary science graduates on the Live-Register as on 31st December 1974. There was more than cent per cent increase during 1975, when compared to the previous years (1974) figure. The employment situation of veterinary science graduates got still more worsened during the year 1976, in as much as 94 veterinary science graduates were on the Live-Register, which was nearly 5 times when compared to previous year's figure.

Placement of Scientists.—The registration of unemployed scientists which remained at a low ebb during the beginning seventies, registered a marked increase over the period. But the placements effected have not shown corresponding increase and the increase if any is only nominal. Consequently the number on the Live-Register has shot up and multiplied itself many times during the years.

The employment potential of the scientists is on the increase. The number of Agricultural graduates which stood at 2528, has increased over the years and reached to 3,137 in 1976. The number of Engineers employed rose from 16,879 in 1971 to 23,080 in 1976, medical graduates also rose from 10,339 in 1971 to 13,627 in 1976 and that of veterinary science graduates from 1,253 in 1971 to 1,790 in 1976.

The supply of educated manpower is determined by outturn from the educational institutions, which in turn is dependent on the intake, that is enrolment of students. The declining trend in supply is caused mainly by the reducing trend in out-turn of Engineering and Veterinary science graduates. This is mainly due to the policy of the Government to restrict the intake of the students to these courses of study-as the economy is not able to absorb all the personnel of these faculties.

The estimated stock of Agricultural science graduates as worked out by this department is 5,205 in 1977-78. The stock at 5,205 in 1977-78 is expected to reach 6,563 in 1983-84 an increase of nearly 25 percent. The stock of Engineering graduates, which is about 26,982 in 1977-78 is expected to increase to 35,148 in 1983-84 constituting an increase of 34 per cent. The stock of allopathic Doctors is estimated to be 15,514 in 1977-78 and this trend is expected to reach a 20,000 mark in 1983-84. The stock by veterinary science graduates which stood at 1,253 in 1977-78 is expected to grow to 2,017 by the end of 1978-79 and would reach a figure of 2,328 by the end of the sixth plan (i.e.) in 1983-84.



PART C.

SELECT ECONOMIC INDICATORS.

1. POPULATION GROWTH.

	1941	1951	1961	1971	1978*
1. Population (in lakhs)	263	301	337	412	455 (Actual Estimate) (45,483,306)
2. Decadal variation (per cent).	+11.91	+14.66	+11.85	+22.30	+10.43 (Since 1971)
3. Index of population (1901=100).	136	156	175	214	237

*Estimates based on Expert Committees Projection (Registrar General of India) revised on the basis of final population of 1971.

2. INDEX NUMBER OF AGRICULTURAL ECONOMY.

(Triennium ended 1969-70=100)

	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78 (P)
1. Index of area under crops	108.1	107.0	93.3	101.3	99.0	107.2
2. Index of production ..	125.9	138.2	103.9	129.5	123.2	147.8
3. Index of yield	117.1	122.2	104.4	126.7	121.5	134.3
4. Index of net area sown ..	105.3	102.7	92.3	99.6	99.9	99.9
5. Index of cropping intensity	102.7	104.2	101.1	101.7	99.1	107.3
6. Index of productivity per hectare.	119.6	134.6	112.6	130.0	123.3	147.9
7. Index of cropping pattern	99.3	105.4	106.3	100.7	102.3	102.6

P=Provisional.

3. INDEX NUMBER OF INDUSTRIAL PRODUCTION IN TAMIL NADU.

(Base 1970=100.)

	1971*	1972*	1973*	1974*	1975*	1976*	1977@
General Index ..	119.7	121.7	117.0	128.1	128.0	137.6	141.0

* Estimated.

@ Provisional.

4. PRODUCTION OF HANDLOOM CLOTH (1970-71=100).

<i>Variety of cloth.</i>	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
Cotton	110.27	109.33	106.58	103.21	106.10	107.27	101.65
Silk	92.01	105.61	90.90	97.79	100.38	108.35	103.62
Art silk	106.62	104.16	102.64	99.68	116.16	137.08	109.27
Mixture	104.76	108.72	100.94	103.58	113.34	137.98	131.59
Total	109.69	108.99	105.99	102.99	107.01	110.35	103.48

5. INDEX NUMBERS OF WHOLESALE PRICES IN TAMIL NADU.

(21st August 1939=100).

<i>Group.</i>	1974	1975	1976	1977	1978
Foodgrains	2102	2512	1730	1810	1604
Commercial products	2265	2391	2463	2752	2702
Composite Index	2193	2445	2139	2337	2217

6. CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

(1960=100).

<i>Centre.</i>	1974	1975	1976	1977	1978
Madras City	281	325	283	306	316
Cuddalore	296	325	289	320	329
Tiruchirappalli	329	372	313	335	358
Madurai	306	352	296	328	335
Coimbatore	282	331	300	317	323
Nagercoil	339	390	330	344	363
Coonoor	307	314	295	312	321

7. ALL INDIA AVERAGE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

(1960=100).

	1974	1975	1976	1977	1978
All India Average Consumer Price Index Number.	304	321	296	321	329

8. CONSUMER PRICE INDEX NUMBERS FOR URBAN NON-MANUAL EMPLOYEES.

(1960=100.)

Centre.	1974	1975	1976	1977
Madras City	275	310	292	307
Madurai	264	306	285	291
Tiruchirappalli	273	313	282	306

9. INDEX NUMBER OF RURAL PRICES (YEAR ENDED JUNE 1936=100)

Centre.	1974	1975	1976	1977	1978
				(Base 1970-71=100)	
Puliyur (South Arcot)	1709	2028	1635	1942	196
Agaram (South Arcot)	1594	1736	1534	1803	191
Thulayanatham (Tiruchirappalli)	1693	2083	1837	1923	173
Eriodu (Madurai)	2010	2302	1737	1902	179
Gokilapuram (Madurai)	2240	2452	1996	2239	178
Kinathukadavu (Coimbatore)	2242	2527	1821	1923	192
Guduvancheri (Chengalpattu)	1954	2211	1598	1860	181
Kunnathur (Chengalpattu).	1886	2136	1551	1816	182

10. INDEX NUMBERS OF PARITY (1954-55=100).

Item.	1973	1974	1975	1976	1977
Index number of prices received by the farmer.	279	440	501	378	411
Index number of prices paid by the farmer.	325	465	553	507	539
Index of parity	86	94	91	75	76

11. INDEX NUMBER OF WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOUR
(1960=100)*

Item.	1971.	1972.	1973.	1974.	1975.	1976.	1977.
Field Labour (Men)	218	230	240	322	405	384	395
Tending Cattle (Men)	176	187	198	239	344	336	333
Other Agricultural Labour (Men).	200	203	226	292	376	386	398

12. INDEX NUMBER OF TOTAL VALUES OF FOREIGN IMPORTS AND EXPORTS
(1970-71=100).

Item.	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78*
Foreign Imports	108	91	158	190	163	200	184
Foreign Exports	108	151	181	181	270	313	275

* Provisional

13. INDEX NUMBER OF EMPLOYMENT.

Item	1972	1973	1974	1975	1976	1977	1978
Person registered during the period.	201.3	221.3	206.8	194.6	196.1	197.1	206.2
Persons placed on Employment during the period.	100.5	98.5	92.6	96.3	95.1	73.3	91.3
Persons on the live Register at the end of the period.	370.9	460.2	485.1	569.4	647.5	719.0	744.5

**14. INDEX NUMBER OF NET STATE DOMESTIC PRODUCT OF TAMIL NADU
BY INDUSTRY OF ORIGIN (AT CURRENT PRICES).
(BASE : 1970-71=100).**

<i>Industry.</i>	1970-71.	1971-72.	1972-73.	1973-74.	1974-75.	1975-76.	1976-77.	1977-78.
						(PR.)	(PRLY)	(QE.)
1. Primary Sector ..	100	118.3	120.2	153.9	141.3	138.3	152.9	168.7
2. Secondary sector ..	100	108.9	119.5	134.8	176.9	185.7	196.2	213.8
3. Transport, Communi- cation and Trade.	100	115.1	122.9	153.9	165.4	172.2	187.8	210.8
4. Finance and Real Estate.	100	115.6	130.1	145.7	165.9	198.9	218.2	240.2
5. Community and Per- sonal Services.	100	110.3	117.4	129.7	145.5	152.8	164.2	177.1
6. Net State Domestic Product.	100	114.4	120.8	146.4	156.7	161.5	175.2	192.9
7. Per Capita Income ..	100	112.1	116.8	139.5	146.9	149.4	159.7	173.3

PR. Partially Revised Estimates.

PRLY.: Preliminary Estimates.

QE.: Quick Estimates.

**15. INDEX NUMBER OF NET STATE DOMESTIC PRODUCT OF TAMIL NADU
BY INDUSTRY OF ORIGIN [AT CONSTANT (190-71) PRICES]
(BASE 1970-71=100).**

<i>Industry.</i>	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
						(PR.)	(PRLY.)	(QE.)
1. Primary Sector ..	100	106.9	104.3	114.3	83.4	107.2	100.7	115.1
2. Secondary Sector ..	100	102.7	105.0	100.8	103.4	109.9	116.4	123.8
3. Transport, Communi- cation and Trade.	100	105.2	107.7	114.2	98.6	113.9	114.7	127.8
4. Finance and Real Estate.	100	109.9	116.0	116.1	116.0	127.0	143.3	153.6
5. Community and Personal Services.	100	100.9	102.3	110.0	115.0	118.3	122.6	128.2
6. Net State Domestic Product.	100	105.1	105.6	110.5	96.0	111.2	111.7	123.0
7. Per Capita income ..	100	103.0	102.0	105.2	90.1	102.9	101.8	110.4

Pr.: Partially Revised Estimates.

PRLY.: Preliminary Estimates.

QE.: Quick Estimates.

I. CLIMATE AND RAINFALL.

RAINFALL.

The North-East monsoon had set in Tamil Nadu on 24th October with a delay of a week time. In the first week of October there was isolated rainfall and dry weather prevailed in most parts of the State. Fairly widespread rain occurred during the third week of October. Though the rainfall was deficient in October the water-supply from the most of the reservoirs of Tamil Nadu was adequate for agricultural operations.

The North-East monsoon was very active during the first week of November due to the pressure that formed in the Bay of Bengal which was centred at 370 km east-south-west of Nagapattinam on 3rd November and it row moved northwards to Cuddalore. Under its influence there was heavy rainfall throughout Tamil Nadu with an exceptionally very heavy rainfall in Cuddalore and in many places of Thanjavur district.

On November 24th a cyclonic storm with a speed of 120 km. to 140 km per hour lashed Mandapam. Vehicular traffic in the Nilgiris has been disrupted owing to the falling of trees following heavy rain. Power supply has been cut by falling trees. Municipal market in Coonoor was washed away and extensive damage to property and standing crops was caused by flash floods following torrential rain in the hill station on 26th November 1978.

Heavy landslips at a number of places between Coonoor and Mettupalayam occurred and though communication was interrupted. Tamil Nadu Government has estimated the damages to public and private properties on account of flood and landslips in the State in the first week of November 1978 at Rs. 25 crores.

During the month of December there was heavy rainfall throughout Tamil Nadu. Thrice during this month, a low pressure area persisted over the South-west Bay of Bengal along Tamil Nadu coast. There was widespread rainfall in coastal Tamil Nadu and scattered rainfall in interior Tamil Nadu. Nilgiris and Kanniyakumari districts have recorded about 100 per cent of excess rainfall in the current North-East monsoon season. Coimbatore, Salem and part of Tiruchirappalli and Thanjavur districts have had 40 per cent to 50 per cent excess rainfall during the season. The low pressure area moved westwards and lay on the 24th morning over the extreme south west Bay of Bengal and adjoining land area of Srilanka with its trough extending northeast to Tamil Nadu and Andhra coasts. Under its influence the North-East monsoon has been vigorous over coastal Tamil Nadu. Madras and suburbs were lashed by heavy rain from 25th December. Many thoroughfares were flooded and consequently vehicular traffic was dislocated. Madras recorded the heaviest rainfall of 20 cm. The figure was the heaviest for the month of December in the past 17 years the previous record was 15.7 cm on December 9, 1967.

Madras received about 61 per cent of the normal monsoon rainfall during the last week of December alone. Madras and Chengalpattu districts touched the peak after 1946.

The incessant rain in Madras inundated several slums and localities and rendered homeless atleast 50,000 people. power supply was disrupted due to heavy rain. The rain during the month of December has brought copious inflows into the reservoirs of the city's water-supply, as the water in Adyar river started rising appreciably. The water level in the chembarambakkam lake in Chengalpattu district, one of the biggest in Tamil Nadu with a spread of 26 sq. km. had steadily risen. P.W.D. authorities released several cuses of water from Chembarambakkam lake as the water in the lake had been surplussing.

In Thanjavur district breaches had occurred in 21 channels about 100 villages were inundated and 2,386 huts damaged. Several acres of crops were submerged.

But for these calamities, the monsoon had brought copious supply of water to the Hydel reservoirs improving the power supply position.

A table showing the district-wise rainfall in mm and the water level in the various reservoirs of the State is enclosed.

DISTRICT WISE RAINFALL DURING THE NORTH EAST MONSOON OF 1978.

District.	October.	November.	December.	North East Monsoon.		
				Actual.	Normal.	Per cent Deviation from normal..
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Madras	108.0	214.9	642.8	868.5	795.3	+9.2
Chengalpattu	123.2	223.9	524.6	871.7	691.0	+26.2
South Arcot	171.6	320.3	292.1	784.0	627.8	+24.9
North Arcot	106.1	140.9	199.2	446.2	385.5	+15.7
Salem	135.9	220.9	60.7	417.5	303.1	+37.7
Dharmapuri	104.9	134.4	56.0	295.3	290.9	+1.5
Coimbatore	153.1	224.6*	98.9	476.6	332.1	+43.5
Tiruchirappalli	134.8*	280.6*	167.3	582.7	419.2	+39.0
Pudukkottai	133.9	201.4	273.4	608.7	394.1	+54.5
Thanjavur	203.7	443.2	447.2	1,094.1	680.6	+60.8
Madurai	185.1	161.1	174.6	520.8	409.0	+27.3
Ramanathapuram	153.8	122.8	263.1	539.7	455.5	+18.5
Tirunelveli	140.7	214.0*	159.0	513.7	485.8	+5.7
The Nilgiris	203.5	581.4	236.9	1,021.8	513.6	+98.9
Kanaiyakumari	199.8	564.7	41.2	805.7	564.0	+42.9
State	158.3	230.1	210.0	598.4	449.7	+33.1

* Figures are provisional

Water Supply and level in select reservoirs.— During the quarter under report, the water supply was reported to be more than adequate in all the districts as heavy rain fell in most parts of the State. All the tanks in Tamil Nadu were almost full.

The water level in the reservoirs of Papanasam, Manimuthar and Amaravathi showed an increasing trend. The water level in Periyar declined in October but increased thereafter. There were minor fluctuations in the water levels of other reservoirs. At the end of December, 1978 all the reservoirs were full. Except in Periyar, Pechipparai, Stanley and Perunchani reservoirs where the water level declined.

STATEMENT SHOWING WATER LEVELS IN THE SELECTED RESERVOIR DURING THE QUARTER ENDED
30TH DECEMBER 1978.

Name of the Reservoir.	Full depth in metres.	Level as on 7th October 1978.	Level as on 28th October 1978.	Level as on 4th November 1978.
(1)	(2)	(3)	(4)	(5)
Redhills	14.69	12.61	12.20	12.23
Sholavaram	19.66	16.80	16.33	16.62
Poondi	42.06	37.53	37.46	37.83
Sathanur	36.27	24.92	27.07	27.32
Willingdon	8.60	5.44	5.14	5.32
Vaigai	21.64	8.26	15.03	15.43
Periyar	14.63	9.30	6.15	6.89
Papanasam	45.11	9.27	13.99	24.48
Manimuthar	35.97	10.36	13.94	21.82
Bhavani	32.50	26.43	24.56	24.78
Amaravathi	33.53	22.27	22.36	22.66
Stanley	36.58	34.83	33.50	34.38
Krishnagiri	15.89	14.27	15.71	15.67
Pechipparai	14.63	1.71	4.35	8.05
Perunchani	22.47	..	11.37	17.63

Name of the Reservoir.	Level as on 25th November 1978.	Level as on 2nd December 1978.	Level as on 30th December 1978.
(1)	(6)	(7)	(8)
Redhills	13.14	13.10	14.63
Sholavaram	16.31	16.69	19.44
Poondi	39.68	39.60	41.36
Sathanur	35.66	35.75	36.27
Willingdon	7.71	7.45	8.26
Vaigai	14.48	16.68	19.66
Periyar	8.81	8.81	7.87
Papanasam	40.77	40.27	43.22
Manimuthar	29.29	29.49	35.38
Bhavani	31.64	31.33	32.00
Amaravathi	32.09	33.06	35.31
Stanley	34.64	34.26	32.93
Krishnagiri	15.61	15.71	16.85
Pechipparai	14.05	13.86	12.82
Perunchani	22.55	22.35	20.81

II. AREA AND POPULATION.

AREA AND POPULATION.

Tamil Nadu occupies the eleventh rank among the States in India in regard to size with an area of 1,30,069 sq. km.

As regards population, Tamil Nadu ranks fifth among the States in India. According to Census 1971, the population in Tamil Nadu is 41,199,168 of which 50.6 per cent are males and 49.4 per cent are females. 28,734,334 persons or 69.7 per cent of the population are in rural areas and the remaining 12,464,834 persons or 30.3 per cent are urban areas.

Of the total population, 14,741,967 persons (35.8 per cent) are classified as workers and 26,457,201 persons (64.2 per cent) as non-workers. Among the workers 11,667,065 (79.1 per cent) are males and 3,074,902 (20.9 per cent) are females.

Literates form 39.5 per cent of the total population (16,256,393 persons) as against 31.4 per cent in 1961. Madras city has the highest percentage of literacy, viz., 62.01 while Dharmapuri district has the lowest percentage, viz., 22.3.

According to census 1971, the density of population in Tamil Nadu works out to 317 per. sq.km. Madras city has the highest density of population viz., 19,293 while Dharmapuri district has the lowest density of population, viz., 174.

The population of scheduled castes and scheduled tribes in Tamil Nadu is 7,627,110 forming 18.51 per cent of the total population. 7,315,595 persons belong to scheduled castes and 311,515 persons are scheduled tribes. Chengalpattu district has the largest percentage of these two classes of people, i.e., 27.22 while Kanniyakumari district has the lowest percentage of scheduled castes and scheduled tribes, i.e., 4.12.



AREA AND POPULATION BY DISTRICTS.

As per census 1971.

<i>District/State.</i>							<i>Area.</i>		
							<i>Total.</i>	<i>Rural.</i>	<i>Urban.</i>
(1)							(2)	(3)	(4)
1	Madras	..	..	..	..	..	128.0	..	128.0
2	Chengalpattu	..	..	..	..	..	7,920.0	7,219.0	641.0
3	North Arcot	..	..	..	..	..	12,265.0	12,026.6	238.4
4	South Arcot	..	..	..	..	..	10,898.0	10,659.6	238.4
5	Tiruchirappalli	..	..	..	..	..	11,114.3	10,769.0	345.3
6	Pudukkottai	..	..	..	..	..	4,049.9	4,594.5	55.4
7	Thanjavur	..	..	..	..	..	8,261.8	7,943.6	318.2
8	Madurai	..	..	..	..	..	12,626.0	12,168.0	461.0
9	Ramanathapuram	..	..	..	..	..	12,578.0	12,170.9	401.1
10	Tirunelveli	..	..	..	..	..	11,433.0	10,673.7	759.3
11	Kanniyakumari	..	..	..	..	..	1,684.0	1,641.2	42.8
12	Salem	..	..	..	..	..	8,643.0	8,291.9	351.1
13	Dharmapuri	..	..	..	..	..	9,643.0	9,575.4	67.6
14	Coimbatore	..	..	..	..	..	15,675.0	14,733.3	939.2
15	Nilgiris	..	..	..	..	..	2,549.0	1,642.5	906.5
State							1,30,069.0	1,24,175.5	5,893.5

<i>District/State.</i>							<i>Population.</i>		
							<i>Total.</i>	<i>Rural.</i>	<i>Urban.</i>
(1)							(5)	(6)	(7)
1	Madras	..	..	..	..	..	2,469,449	..	2,469,449
2	Chengalpattu	..	..	..	..	..	2,907,599	1,896,909	1,010,690
3	North Arcot	..	..	..	..	..	3,755,797	2,972,702	783,095
4	South Arcot	..	..	..	..	..	3,617,723	3,104,726	512,997
5	Tiruchirappalli	..	..	..	..	..	3,192,134	2,433,755	758,379
6	Pudukkottai	..	..	..	..	..	947,351	832,372	114,979
7	Thanjavur	..	..	..	..	..	3,550,063	2,778,375	771,688
8	Madurai	..	..	..	..	..	3,938,197	2,614,003	1,324,194
9	Ramanathapuram	..	..	..	..	..	2,860,207	2,113,545	746,662
10	Tirunelveli	..	..	..	..	..	3,200,515	2,171,019	1,029,496
11	Kanniyakumari	..	..	..	..	..	1,222,549	1,018,141	204,408
12	Salem	..	..	..	..	..	2,992,616	2,197,234	795,382
13	Dharmapuri	..	..	..	..	..	1,677,775	1,533,834	143,941
14	Coimbatore	..	..	..	..	..	4,373,178	2,816,936	1,556,242
15	Nilgiris	..	..	..	..	..	494,015	250,780	243,235
State							41,199,168	28,734,334	12,464,834

GROWTH RATE, DENSITY, SEX RATIO AND LITERACY.

as per census 1971

District/State.	(1)	Decennial Growth Rate.	Density per sq. km.	Number of females per 1000 males.	Literacy Rate.		
					Persons.	Male.	Females.
		(2)	(3)	(4)	(5)	(6)	(7)
1 Madras	19,293	904	62.01	70.57	52.54
2 Chengalpattu	367	948	39.73	51.76	27.03
3 North Arcot	306	971	34.66	47.55	21.39
4 South Arcot	332	969	31.14	44.06	17.80
5 Tiruchirappalli	287	987	38.79	52.40	25.02
6 Pudukkottai	204	1,011	31.40	46.05	16.90
7 Thanjavur	430	994	40.30	53.55	26.96
8 Madurai	312	986	41.51	55.07	27.77
9 Ramanathapuram	227	1,042	39.74	54.72	25.39
10 Tirunelveli	280	1,042	44.83	57.13	33.02
11 Kanniyakumari	726	972	58.21	64.12	52.14
12 Salem	346	963	31.71	42.68	20.33
13 Dharmapuri	174	969	22.32	31.66	12.67
14 Coimbatore	279	957	38.90	51.33	25.90
15 The Nilgiris	194	944	47.03	58.48	34.90
State	..	22.30	317	978	39.46	51.78	26.36

SCHEDULED CASTES AND SCHEDULED TRIBES

as per Census 1971

(1)	District/State.	Scheduled Castes.					Scheduled Tribes.		Scheduled Castes and Tribes.		Percentage to district population.	Percentage to district population.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
1	Madras	..	..	..	..	..	..	..	..	..	..	..
2	Chengalpattu	..	..	..	..	..	..	..	..	..	..	..
3	North Arcot	..	..	..	..	..	..	..	..	..	..	..
4	South Arcot	..	..	..	..	..	..	..	..	..	..	..
5	Dharmapuri	..	..	..	..	..	..	..	..	..	..	..
6	Salem	..	..	..	..	..	..	..	..	..	..	..
7	Coimbatore	..	..	..	..	..	..	..	..	..	..	..
8	The Nilgiris	..	..	..	..	..	..	..	..	..	..	..
9	Madurai	..	..	..	..	..	..	..	..	..	..	..
10	Tiruchirappalli	..	..	..	..	..	..	..	..	..	..	..
11	Thanjavur	..	..	..	..	..	..	..	..	..	..	..
12	Pudukkottai	..	..	..	..	..	..	..	..	..	..	..
13	Ramanathapuram	..	..	..	..	..	..	..	..	..	..	..
14	Tirunelveli	..	..	..	..	..	..	..	..	..	..	..
15	Kanniyakumari	..	..	..	..	..	..	..	..	..	..	..
	State	..	..	..	..	..	..	..	..	..	..	..

POPULATION BY CATEGORIES OF WORKERS 1971.

as per census 1971

District/State.	(1)	Cultivators.	(2)	Agricultural labourers.	(3)	Live stock Fore- stry, Fishing hunting and plan- tations orchards and activities.	(4)	Mining and quarrying.	(5)	Manufacturing, Processing, servicing and Repairs.	
										Is Household industry.	Non-household industry.
										(6)	(7)
Madras	1,061	649	8,923	223	11,171	179,486	179,486
Chengalpattu	238,790	330,254	19,389	2,183	50,230	112,792	112,792
North Arcot	510,096	416,303	17,184	4,104	54,759	92,976	92,976
South Arcot	523,709	464,411	18,255	14,185	24,522	43,967	43,967
Tiruchirappalli	502,425	330,442	11,191	3,171	39,754	97,092	97,092
Pudukkottai	187,427	64,441	3,799	908	6,339	12,618	12,618
Thanjavur	316,281	518,167	23,256	351	30,597	51,194	51,194
Madurai	420,324	526,238	36,325	3,805	46,406	108,319	108,319
Ramanathapuram	371,900	275,045	25,671	1,817	58,401	90,760	90,760
Tirunelveli	290,757	360,858	33,821	4,081	105,503	117,632	117,632
Kanniyakumari	58,120	126,447	27,349	632	18,857	30,516	30,516
Salem	410,554	331,347	14,540	8,982	108,393	111,900	111,900
Dharmapuri	349,768	160,727	6,200	2,319	8,202	12,467	12,467
Coimbatore	417,124	570,330	55,296	3,167	105,859	225,563	225,563
Nitigiris	9,451	14,406	102,146	726	920	15,142	15,142
State	4,607,787	4,490,065	403,295	50,654	669,913	1,302,421	1,302,421
Percentage	31.26	30.46	2.74	0.34	4.54	8.31	8.31

POPULATION BY CATEGORIES OF WORKERS.—1971.

(As per Census—1971.)

District/State.	Construction. (8)	Trade and Commerce. (9)	Transport storage and communication. (10)	Other services. (11)	Total workers. (12)	Non-workers. (13)
Madras ..	33,497	169,531	129,334	162,504	696,379	1,773,070
Chengalpattu ..	16,422	64,724	41,302	104,669	980,755	1,926,844
North Arcot ..	14,013	81,321	35,510	106,903	1,333,169	2,422,628
South Arcot ..	9,456	56,053	21,803	78,802	1,255,163	2,362,560
Tiruchirappalli ..	16,697	80,620	32,428	88,213	1,202,033	1,990,101
Pudukkottai ..	2,593	19,477	4,138	21,959	323,649	623,702
Thanjavur ..	13,289	96,911	23,050	110,000	1,183,096	2,366,967
Madurai ..	17,535	127,827	34,123	133,036	1,453,938	2,484,259
Ramanathapuram ..	11,980	78,307	14,498	91,966	1,020,345	1,839,862
Tirunelveli ..	15,667	97,887	28,822	116,488	1,171,516	2,028,999
Kanniyakumari ..	9,829	26,602	9,376	44,767	350,494	872,055
Salem ..	19,594	68,248	33,643	75,078	1,182,279	1,810,337
Dharmapuri ..	4,798	25,273	7,225	33,899	610,878	1,066,897
Coimbatore ..	44,810	148,756	44,457	171,098	1,786,460	2,386,718
The Nilgiris ..	4,055	12,685	5,949	26,333	191,813	302,202
State ..	234,235	1,154,222	465,657	1,363,715	14,741,967	26,457,201
Percentage ..	1.59	7.83	3.16	9.25	100.0	..

III. AGRICULTURE.

Land Utilisation.—The total geographical area of Tamil Nadu according to village papers was 13.0 million hectares in 1976-77. Out of which the net area sown accounted for 6.0 million hectares the area cultivable but not cultivated showed 2.7 million hectares and the uncultivable land was 4.3 million hectares. Out of the 6.0 million hectares of the net area sown, 2.3 million hectares or about 30.8 per cent was irrigated. The area sown more than once was 1.1 million hectares of which 0.7 million hectares or about 58.9 per cent was irrigated.

Out of 2.7 million hectares of total area cultivable but not cultivated, 1.4 million hectares or 52.1 per cent was under current fallows and the remaining 47.9 per cent was under other non-cultivated lands excluding current fallows. The extent of area under uncultivable land was 4.3 million hectares comprising 2.0 million hectares (46.8 per cent) of forest land and 2.3 million hectares (53.2 per cent) of other uncultivable area including land put to non-agricultural uses.

The gross cropped area was 7.1 million hectares out of which 3.0 million hectares or 42 per cent was irrigated.

LAND UTILISATION 1976-77.

(Area in hectares.)

District.			Total geogra- phical area by village papers.	Un-cultivable land.			Total
				Forests.	Barren and un- cultivable land.	Land put to non- agricultural uses.	
(1)			(2)	(3)	(4)	(5)	(6)
Madras	..	..	12,800	..	..	12,800	12,800
Chengalpattu	..	..	7,89,938	42,789	30,686	1,78,830	2,52,305
South Arcot	..	..	10,89,884	51,668	1,23,508	1,15,462	2,90,638
North Arcot	..	..	12,30,223	3,18,888	67,936	1,27,179	5,14,003
Salem	..	..	8,62,006	1,57,248	66,625	69,346	2,93,219
Dharmapuri	..	..	9,62,913	3,17,294	79,680	77,701	4,74,675
Coimbatore	..	..	15,73,132	3,88,534	19,253	1,32,793	5,40,580
Tiruchirappalli	..	..	11,12,090	77,526	40,528	1,45,919	2,63,973
Pudukkottai	..	..	4,66,130	23,999	9,800	1,32,984	1,66,783
Thanjavur	..	..	8,19,918	10,451	31,977	1,40,257	1,82,685
Madurai	..	..	12,66,396	2,40,362	86,651	1,11,125	4,38,138
Ramanathapuram	..	..	12,50,282	47,568	19,817	2,31,991	2,99,376
Tirunelveli	..	..	11,41,616	1,33,687	36,438	1,51,290	3,21,415
The Nilgiris	..	..	2,54,464	1,39,237	4,831	8,167	1,52,235
Kanniyakumari	..	..	1,67,186	51,281	5,790	18,919	75,990
State			1,29,98,978	20,00,532	6,23,520	16,54,763	42,78,815

LAND UTILISATION, 1976-77—*cont.*

(Area in hectares.)

District.	Area cultivable but not cultivated.					Total.
	Culti- vable waste.	Permanent pastures and other grazing lands.	Land under miscella- neous tree crops and net included in the net area sown.	Current fallow.	Other fallow land.	
(1)— <i>cont.</i>	(7)	(8)	(9)	(10)	(11)	(12)
Madras .. ..	..	..	..	..	..	..
Chengalpattu	21,220	31,644	28,093	1,03,108	17,660	2,01,725
South Arcot	54,066	8,579	48,265	76,569	43,647	2,31,126
North Arcot	26,346	9,307	10,687	82,906	43,527	1,72,773
Salem	26,468	13,771	5,257	86,521	33,946	1,65,963
Dharmapuri	10,160	11,494	5,630	38,182	9,069	74,535
Coimbatore	7,112	9,302	13,072	2,86,357	38,692	3,54,535
Tiruchirappalli	41,886	40,693	16,040	1,37,288	31,499	2,67,406
Pudukkottai	14,991	5,483	7,687	49,690	25,341	1,03,192
Thanjavur	19,910	3,969	19,490	37,976	23,355	1,04,700
Madurai	26,935	12,239	15,013	1,73,820	38,016	2,66,023
Ramanathapuram	41,327	3,237	6,394	1,80,519	1,06,441	3,37,918
Tirunelveli	65,881	22,594	13,083	1,46,433	1,30,140	3,78,131
The Nilgiris	20,630	5,943	3,063	8,434	7,076	45,146
Kanniyakumari	1,654	349	1,620	6,063	412	10,098
State	3,78,586	1,78,604	1,93,394	14,13,866	5,48,821	27,13,271

LAND UTILISATION 1976-77—*cont.*

(Area in hectares.)

District.	Net area sown.		Area sown more than once.			
	Irrigated.	Un-irrigated.	Total.	Irrigated.	Un-irrigated.	Total.
(1)— <i>cont.</i>	(13)	(14)	(15)	(16)	(17)	(18)
Madras .. .. .	..	..	..	..	..	..
Chengalpattu	2,60,914	74,994	3,35,908	1,20,323	24,268	1,44,591
South Arcot	3,02,920	2,65,200	5,68,120	92,565	66,812	1,59,377
North Arcot	2,48,856	2,94,591	5,43,447	1,23,114	38,012	1,61,126
Salem	89,071	3,13,753	4,02,824	29,727	33,494	63,221
Dharmapuri	53,525	3,60,178	4,13,703	12,825	27,204	40,029
Coimbatore	2,14,074	4,63,943	6,78,017	55,906	34,353	90,259
Tiruchirappalli	1,40,310	4,40,410	5,80,711	44,867	14,659	59,526
Pudukkottai	93,618	1,02,537	1,96,155	11,127	2,473	13,600
Thanjavur	3,76,846	1,55,687	5,32,533	85,932	1,72,756	2,58,688
Madurai	1,75,974	3,86,261	5,62,235	30,736	27,169	57,905
Ramanathapuram	2,13,470	3,99,518	6,12,988	11,493	2,652	14,145
Tirunelveli	1,32,598	3,09,472	4,42,070	33,594	14,062	47,656
The Nilgiris	321	56,762	57,083	..	2,891	2,891
Kanniyakumari	27,093	54,005	81,098	19,350	7,812	27,162
State	23,29,581	36,77,311	60,06,892	6,71,559	4,68,617	11,40,176

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LAND UTILISATION 1976-77—*com.*

(Area in hectares.)

District.	Gross cropped area.		
	Irrigated.	Un-irrigated.	Total.
(1)— <i>cont</i>	(19)	(20)	(21)
Madras .. ..	..	.	..
Chengalpattu	3,81,237	99,262	4,80,499
South Arcot	3,95,485	3,32,012	7,27,497
North Arcot	3,71,970	3,32,603	7,04,573
Salem	1,18,798	3,47,247	4,66,045
Dharmapuri	66,350	3,87,382	4,53,732
Coimbatore	2,69,980	4,98,296	7,68,276
Tiruchirappalli	1,85,168	4,55,069	6,40,237
Pudukkottai	1,04,745	1,05,010	2,09,755
Thanjavur	4,62,778	3,28,443	7,91,221
Madurai	2,06,710	4,13,430	6,20,140
Ramanathapuram	2,24,963	4,02,170	6,27,133
Tirunelveli	1,66,192	3,23,534	4,89,726
The Nilgiris	321	59,653	59,974
Kanniyakumari	46,443	61,817	1,08,260
State ..	30,01,140	41,45,928	71,47,068

सत्यमेव जयते

IRRIGATION.

Out of 6.0 million hectares of net area sown 2.3 million hectares or 38.8 per cent was irrigated. The percentage of net area irrigated to net area sown was maximum at 77.7 per cent in Chengalpattu district. Thanjavur district came next in order, the percentage being 70.8 per cent followed by South Arcot with 53.3 per cent. The figure was less than 50.0 per cent in the remaining districts of the State as indicated below :—

<i>District.</i>	<i>Percentage of net area irrigated to net area sown.</i>
(1)	(2)
Pudukkottai	47.7
North Arcot	45.8
Ramanathapuram	34.8
Kanniyakumari	33.4
Coimbatore	31.6
Madurai	31.3
Tirunelveli	30.0
Tiruchirappalli	24.2
Salem	22.1
Dharmapuri	12.9
The Nilgiris	0.6

The different sources of irrigation and the percentage of area irrigated by each to the total net area irrigated are indicated below :—

<i>Sources of irrigation.</i>	<i>Percentage of area irrigated to the total net area irrigated.</i>
(1)	(2)
1. Wells (Tube wells and Ordinary wells) ..	35.4
2. Tanks	34.4
3. Government canals	29.0
4. Other sources including private canals ..	1.2

Wells supplementing other irrigation sources constituted 5.0 per cent.

Government canals and tanks.—Government canals were the principal sources of irrigation in the district of Thanjavur (93.1 per cent) Kanniyakumari (47.8 per cent), Tiruchirappalli (45.2 per cent) and Coimbatore (33.0 per cent). The districts in which tank irrigation was the important sources are given below together with the percentage of area irrigated.

<i>District.</i>	<i>Percentage of area irrigated from tanks to the total net area irrigated in the district.</i>
(1)	(2)
Ramanathapuram	82.7
Pudukkottai	82.2
Chengalpattu	64.8
Kanniyakumari	50.0
Tirunelveli	49.2
North Arcot	47.6
South Arcot	27.6

Wells and other sources. — Wells including tube wells were the chief irrigation source in Salem, Dharmapuri, Coimbatore, Madurai, South Arcot, North Arcot, Tiruchirappalli and Tirunelveli districts accounting for 85.8 per cent, 65.3 per cent, 65.2 per cent, 51.3 per cent, 45.3 per cent, 45.1 per cent, 40.9 per cent and 34.9 per cent respectively.

Other sources of irrigation such as channels and kasams were important in the Nilgiris district where it accounted for 90.7 per cent.

Wells supplementing other irrigation sources. — Wells supplementing other irrigation sources served fairly large areas in Chengalpattu, South Arcot and North Arcot districts, their percentage to the total net area irrigated in the districts, being 9.5, 6.8 and 7.1 respectively.

Crops irrigated. — The total extent raised with crops (gross cropped area) was 7.1 million hectares and net area sown was 6.0 million hectares. The difference represents the area on which more than one crop is raised. The area of crops irrigated in the State was 3.0 million hectares which showed a decrease of 0.4 million hectares as compared with the previous year. The area of crops irrigated was as high as 79.4 per cent in Chengalpattu district followed by Thanjavur district, with 58.5 per cent. The area of crops irrigated was less than 25 per cent of the gross area sown in the following districts:—

District.	Percentage of the area of crops irrigated to the gross area sown.
(1)	(2)
Dharmapuri	14.6
The Nilgiris	0.5

The total area of crops irrigated 78.2 per cent accounted for cereals and pulses 5.1 per cent, for sugarcane, 5.4 per cent for oil seeds (groundnut, gingelly and castor) 3.0 per cent for cotton and the remaining 8.3 per cent for other crops.

The area irrigated more than once was 1.1 million hectares.

AREA IRRIGATED BY SOURCES/CROPS 1976-77.

District.	(Area in hectares.)				
	Net area irrigated by				
	Government canals and private canals.	Tanks.	Wells including tube wells.	Other sources.	Total net area irrigated.
(1)	(2)	(3)	(4)	(5)	(6)
Chengalpattu	9,731	1,69,146	76,056	5,981	2,60,914
South Arcot	69,979	88,523	1,37,329	7,089	3,02,920
North Arcot	16,440	1,18,469	1,12,135	1,812	2,48,856
Salem	6,778	3,426	76,394	2,473	89,071
Dharmapuri	7,075	8,849	34,931	2,670	53,525
Coimbatore	71,225	2,617	1,39,553	679	2,14,074
Tiruchirappalli	63,371	17,307	57,349	2,274	1,40,301
Pudukkottai	5,950	76,983	10,620	65	93,618
Thanjavur	3,50,775	17,276	6,713	2,082	3,76,846
Madurai	41,668	41,967	90,247	2,092	1,75,974
Ramanathapuram	276	1,76,578	36,600	16	2,13,470
Tirunelveli	20,605	65,284	46,295	414	1,32,598
The Nilgiris .. .. .	..	..	30	291	321
Kanniyakumari	12,951	13,554	383	205	2,0793
State	6,76,824	7,92,979	8,24,635	18,143	23,29,581

AREA IRRIGATED BY SOURCES/CROPS 1976-77—cont.

					(Area in hectares.)				
District.					Paddy.	Wheat.	Other cereals and pulses.	Sugar cane.	
(1)					(2)	(3)	(4)	(5)	
Chengalpattu	..	..	..	..	3,26,786	..	21,683	3,195	
South Arcot	..	..	..	..	2,68,929	..	33,472	28,850	
North Arcot	..	..	..	..	2,72,116	17	30,684	31,140	
Salem	..	..	..	..	32,394	@	29,157	14,231	
Dharmapuri	..	..	..	..	32,865	10	8,880	9,866	
Coimbatore	..	..	..	..	53,345	63	72,666	32,002	
Tiruchirappalli	..	..	..	..	1,06,042	..	24,213	11,638	
Pudukkottai	..	..	..	..	88,789	..	5,668	585	
Thanjavur	..	..	..	..	4,33,198	..	5,841	7,368	
Madurai	..	..	..	..	98,331	198	39,717	8,623	
Ramanathapuram	..	..	..	..	1,55,103	..	28,376	5,293	
Tirunelveli	..	..	..	..	1,05,697	..	27,226	1,129	
The Nilgiris	..	..	..	..	134	..	..	2	
Kanniyakumari	..	..	..	..	44,580	..	..	..
State	..	..	..	..	20,18,309	288	3,27,583	1,53,922	
① negligible									

District.					Cotton.	Oil seeds.	Others.	Total.
					(6)	(7)	(8)	(9)
Chengalpattu	..	..	..	..	113	22,292	7,168	3,81,237
South Arcot	..	..	..	..	4,148	51,140	8,946	3,95,485
North Arcot	..	..	..	..	308	29,436	8,269	3,71,970
Salem	..	..	..	..	7,574	10,130	25,312	1,18,798
Dharmapuri	..	..	..	..	2,088	6,595	6,046	66,350
Coimbatore	..	..	..	..	36,108	36,123	39,673	2,69,980
Tiruchirappalli	..	..	..	..	2,125	10,112	31,038	1,85,168
Pudukkottai	..	..	..	..	482	6,680	2,541	1,04,745
Thanjavur	..	..	..	..	231	7,172	8,968	4,62,778
Madurai	..	..	..	..	25,389	8,115	26,337	2,06,710
Ramanathapuram	..	..	..	..	5,715	5,588	24,888	2,24,963
Tirunelveli	..	..	..	..	4,694	4,039	23,407	1,66,192
The Nilgiris	..	..	..	..	9	..	176	321
Kanniyakumari	..	..	..	..	9	413	1,441	46,443
State	..	..	..	..	88,993	1,97,835	2,14,210	30,01,140

AREA IRRIGATED BY SOURCES/CROPS--1976-77--cont.

District.	(1)	Net area sown.			Area sown more than once.			Gross cropped area.		
		Irrigated.	Un-Irrigated.	Total.	Irrigated.	Un-Irrigated.	Total.	Irrigated.	Un-Irrigated.	Total.
		(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Chengalpattu	260914	74994	635908	120323	24268	144591	381237	99262	480499
South Arcot	302920	265200	368120	92565	66812	159377	395485	332012	727497
North Arcot	248856	294591	543447	123114	38012	161126	331970	332603	704575
Salem	89771	313753	402824	29727	33494	63221	180798	347247	466045
Dharmapuri	53525	360178	413703	12825	27204	40029	66350	397382	453737
Coimbatore	214074	463943	678017	55906	34353	90259	269980	498296	768272
Tiruchirappalli	140301	440410	580711	44867	14659	59526	185168	455069	640237
Pudukkottai	93618	102537	196155	11127	2473	13600	104745	105010	209755
Thanjavur	376846	155687	532533	85932	172756	258688	462778	328433	791221
Madurai	175974	386261	562235	30756	27169	57905	208710	413430	620140
Ramanathapuram	213470	399518	612988	11493	2652	14145	224963	402170	627132
Tirunelveli	132598	309472	442070	33594	14062	47656	166192	323534	489726
The Nilgiris	321	56762	57083	..	2891	2891	321	59653	59974
Kanniyakumari	27093	54005	81098	19350	7812	27162	46443	61817	108260
STATE	2329581	3677311	6006892	671559	468617	1140176	3001140	4145928	7143068

INDEX NUMBERS OF AGRICULTURAL ECONOMY.

The Index Numbers of area under crops and Index Number of cropping intensity have each increased by 8.2 points from 99.0 in 1976-77 to 107.2 in 1977-78 and 99.1 in 1976-77 to 107.3 in 1977-78 respectively.

The Index Number of yield has increased by 12.8 points from 121.5 in 1976-77 to 134.3 in 1977-78.

The Index Number of agricultural production has increased by 24.6 points from 123.2 in 1976-77 to 147.8 in 1977-78.

The Index number of cropping pattern has increased by 0.3 points from 102.3 in 1976-77 to 102.6 in 1977-78.

The Index number of productivity per hectare has increased by 24.6 points from 123.3 in 1976-77 to 147.9 in 1977-78.

INDEX NUMBERS OF AGRICULTURAL ECONOMY.

Triennium Ending 1969-70—100											
						Index of area under crops.			Index of Yield.		
						1975-76.	1976-77.	1977-78.	1975-76.	1976-77.	1977-78.
						(P)			(P)		
FOOD GROUP—											
Total Cereals	..	..	..	..	..	102.3	96.6	104.3	131.1	122.9	143.1
Total pulses	..	..	..	..	..	113.3	131.2	142.1	93.9	115.8	102.5
Total Food group	..	..	..	..	..	103.2	99.4	107.3	130.0	122.7	141.6
NON-FOOD GROUP—											
Oilseeds	..	..	..	..	..	93.0	93.0	103.8	120.7	105.9	120.3
Fibre	..	..	..	..	..	73.4	84.6	107.4	111.9	133.4	122.3
Plantation crops	..	..	..	..	..	121.1	122.4	122.4	110.6	99.0	99.0
Condiments and spices	..	..	..	..	..	132.3	119.9	116.9	117.1	127.3	99.4
Fruits and vegetables	..	..	..	..	..	105.9	107.1	109.7	155.2	151.2	155.6
Total Misc. crops	..	..	..	..	..	93.0	113.8	121.4	117.7	122.3	136.6
Non-food group	..	..	..	..	..	96.8	98.2	107.0	123.7	120.6	128.2
General	..	..	..	..	..	101.3	99.0	107.2	126.7	121.5	134.3

					<i>Index of Agricultural production.</i>			<i>Index of cropping pattern.</i>		
					1975-76.	1976-77.	1977-78.	1975-76.	1976-77.	1977-78.
					(P)			(P)		
FOOD GROUP—										
Total Cereals	..	..	..	..	134.3	115.4	150.8	100.0	97.2	101.1
Total Pulses	..	..	..	..	133.2	189.7	187.4	124.4	124.7	128.8
Total Food group	..	..	..	..	134.3	117.0	151.7	99.9	95.9	99.7
NON-FOOD GROUP—										
Oil seeds	..	..	..	..	125.2	108.0	129.8	111.6	109.7	103.9
Fibre	..	..	..	..	82.1	112.8	188.4	100.1	100.0	99.9
Plantation crops	..	..	..	..	136.4	123.0	123.0	101.8	101.6	101.6
Condiments and spices	..	..	..	..	157.8	153.9	118.5	102.0	100.9	102.0
Fruits and vegetables	..	..	..	..	157.7	158.3	116.7	95.7	97.8	97.6
Total Misc. crops	..	..	..	..	109.0	136.6	162.4	98.4	98.2	98.0
Non-food group	..	..	..	..	125.2	128.6	144.4	104.2	108.6	105.2
General	..	..	..	..	129.5	123.2	147.8	100.7	102.3	105.2
Index of Net area sown	..	..	..	..	..	..	..	99.6	99.9	99.9
Index of cropping intensity	..	..	..	..	..	..	..	101.7	99.1	107.3
Index of productivity per hectare	..	..	..	..	..	..	..	130.0	123.3	147.9

**INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL
LABOURERS.**

The Index Numbers of wages paid to the agricultural labourers during the quarter ended December 1978 have shown an upward trend over the previous quarter in the case of men, women and non-adults under 'Field labourers' and other agricultural labourers' and men under 'Tending cattle'. In respect of women and non-adults under 'Tending cattle' the index numbers have decreased. The increase ranged from 1 point to 43 points while the decrease ranged from 3 points to 43 points.



INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOURERS.

Year/Month.	Field Labourers.			Tending Cattle.			Base Year, 1960 -100 Other Agricultural Labourers.		
	Men.		Non- adults.	Men.		Non- adults.	Men.	Women.	Non- adults.
	(2)	(3)		(5)	(6)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1972	230	220	253	187	197	222	203	180	230
1973	240	226	260	198	200	232	225	198	253
1974	322	296	341	239	236	281	292	259	326
1975	405	391	418	344	345	361	376	338	377
1976	384	381	406	336	336	359	386	346	394
1977	395	398	439	333	316	361	398	353	420
1978 January	398	401	459	310	357	359	401	359	458
February	406	411	451	314	358	357	406	352	433
March	408	414	455	310	358	361	415	366	425
April	404	409	459	316	339	364	409	357	429
May	413	411	460	321	326	367	411	346	458
June	418	406	460	331	318	370	408	368	443
July	429	416	446	348	351	385	427	347	414

Augr	..	..	423	418	445	327	306	367	428	346	391
September	..	..	424	413	456	333	312	361	432	354	420
October	..	..	425	424	449	325	266	367	433	367	433
November	..	..	433	430	451	337	292	349	443	367	448
December	.	..	421	431	466	351	282	387	434	361	471

**ESTIMATES OF AREA UNDER PRINCIPAL CROPS FOR KHARIF
SEASON OF 1978-79 ACCORDING TO TIMELY REPORTING
SCHEME.**

The district-wise and Crop-wise estimates of area sown during the kharif season of 1978-79 framed from the particulars collected in respect of 20 per cent sample villages selected under Timely Reporting Scheme for the year 1978-79 are presented in the tables appended together with the corresponding estimates for the year 1977-78.

PROGRESS IN KHARIF SEASON 1978-79 IN TAMIL NADU.

<i>District.</i>	<i>Number of villages selected.</i>	<i>Number of villages for which schedules were received.</i>	<i>Percentage response.</i>
(1)	(2)	(3)	(4)
1 Chengalpattu	437	437	100.0
2 South Arcot	457	457	100.0
3 North Arcot	382	382	100.0
4 Salem	189	189	100.0
5 Dharmapuri	171	169	98.8
6 Coimbatore	199	199	100.0
7 Tiruchirappalli	205	205	100.0
8 Pudukkottai	155	155	100.0
9 Thanjavur	435	435	100.0
10 Madurai	222	222	100.0
11 Ramanathapuram	313	313	100.0
12 Tirunelveli	211	211	100.0
13 Kanniyakumari	23	23	100.0
14 The Nilgiris	8	8	100.0
Total ..	3,407	3,405	99.9

ESTIMATES OF AREA UNDER PADDY FOR Kharif Season 1978-79 according to Timely Reporting Scheme in Tamil Nadu.

District.	Estimated area in 000' Hectares in.						Percentage Variations in		
	1978-79.			1977-78.			Irrigated area over 1977-78.	Total area over 1977-78.	High-Yielding area over 1977-78.
	Irrigated.	Total.	High Yielding.	Irrigated.	Total.	High Yielding.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Chengalpattu	164	205	112	157	183	82	+4.5	+12.0	+36.6
South Arcot	129	139	72	142	153	94	-9.2	-9.2	-23.4
North Arcot	140	142	77	141	145	55	-0.7	-2.1	+40.0
Salem	36	37	17	25	26	13	+44.0	+42.3	+30.8
Dharmapuri	28	29	4	30	32	2	-6.7	-9.4	*
Coimbatore	50	50	45	44	44	32	+13.6	+13.6	+40.6
Tiruchirappalli	59	76	40	71	89	38	-16.9	-14.6	+5.3
Pudukkottai	40	45	29	49	57	30	-18.4	-21.1	-3.3
Thanjavur	413	422	377	378	387	344	+9.3	+9.0	+9.6
Madurai	63	63	54	84	97	70	-25.0	-35.1	-22.9
Ramanathapuram	36	53	19	109	161	32	-67.0	-67.1	-40.6
Tirunelveli	27	27	16	40	40	17	-32.5	-32.5	-5.9
Kanniyakumari	33	33	5	28	28	8	+17.8	+17.8	-37.5
State	1,218	1,321	867	1,298	1,442	817	-6.2	-8.4	+6.1

*Variation is large. Hence not shown

ESTIMATES OF AREA UNDER CHOLAM FOR Kharif Season 1978-79 ACCORDING TO TIMELY REPORTING
SCHEME IN TAMIL NADU.

District.	Estimated area in 00' Hectares in.				Percentage variations in	
	1978-79.		1977-78.		Irrigated area over 1977-78.	Total area over 1977-78.
	Irrigated.	Total.	Irrigated.	Total.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Chengalpattu	1	2	2	2	-50.0	0
South Arcot	10	153	9	281	+11.1	-45.6
North Arcot	2	239	11	299	-81.8	-20.1
Salem	61	540	31	498	+96.7	+8.4
Dharmapuri	17	459	8	549	*	-16.4
Coimbatore	169	1,109	176	1,225	-4.0	-9.5
Tiruchirappalli	27	841	25	1,147	+8.0	-26.7
Padukkottai	11	27	31	67	-64.5	-59.7
Tanjavur	11	12	0	0	0	0
Madurai	42	549	156	1,050	-73.1	-47.7
Ramanathapuram	3	33	26	71	-88.5	-53.5
Tirunelveli	69	129	80	144	-13.7	-10.4
State	423	4,093	555	5,333	-23.8	-23.3

* Variation is large Hence not shown.

ESTIMATES OF AREA UNDER CUMBU FOR KHARIF SEASON 1978-79 ACCORDING TO TIMELY REPORTING
SCHEME IN TAMIL NADU.

District.	Estimated area in '00' Hectares in 1978-79.		Estimated area in '00' Hectares in 1977-78.		Percentage variation of irrigated area over 1977-78.	Percentage variation of total area over 1977-78.
	Irrigated.	Total.	Irrigated.	Total.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Chengalpattu	18	33	22	31	-18.2	+6.5
South Arcot	89	676	51	744	74.5	- 9.1
North Arcot	34	101	28	132	21.4	- 23.5
Salem	33	272	20	323	65.0	- 15.8
Dharmapuri	7	85	14	143	-50.0	- 40.6
Coimbatore	75	384	63	256	+19.0	+50.0
Tiruchirappalli	105	706	82	775	28.0	- 8.9
Pudukkottai	0	58	0	7	0	*
Thanjavur	1	13	2	5	50.0	*
Madurai	34	158	18	112	88.9	41.1
Ramanathapuram	13	62	8	81	62.5	- 23.5
Tirunelveli	19	50	17	100	11.8	- 50.0
State ..	428	2,598	325	2,709	31.7	4.1

* Variation is large and hence not furnished.

**ESTIMATES OF AREA UNDER RAGI FOR KHARIF SEASON 1978-79 ACCORDING TO TIMELY REPORTING
SCHEME IN TAMIL NADU.**

District.	Estimated area in -00 ' Hectares.		Estimated area in -00 ' Hectares.		Percentage difference over 1977-78.	
	1978-79.		1977-78.		Irrigated.	Total.
	Irrigated.	Total.	Irrigated.	Total.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Chengalpattu	63	93	73	84	— 13.7	10.7
South Arcot	42	46	49	59	— 14.3	— 22.0
North Arcot	30	40	40	83	— 25.0	— 51.8
Salem	17	227	16	117	6.3	94.0
Dharmapuri	21	693	56	1,006	— 62.5	— 31.1
Coimbatore	86	173	128	191	— 32.8	— 9.4
Tiruchirapalli	34	40	19	44	+ 78.9	— 9.0
Pudukkottai	6	28	8	41	— 25.0	— 31.7
Thanjavur	13	16	41	42	— 68.3	— 61.9
Madurai	26	42	26	39	..	7.7
Ramanathapuram	51	75	77	130	— 33.8	— 42.3
Tirunelveli	46	46	57	58	— 19.3	— 20.7
State ..	435	1,519	590	1,894	— 26.3	— 19.2

ESTIMATES OF AREA UNDER COTTON FOR KHARIF SEASON 1978-79 ACCORDING TO TIMELY REPORTING
SCHEME IN TAMIL NADU.

District.	Estimated area in '00' hectares.		Estimated area in '00' hectares.		Percentage difference over 1977-78.	
	1978-79.		1977-78.		Irrigated.	Total.
	Irrigated.	Total.	Irrigated.	Total.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Chengalpattu	0	0	0	1	..	..
South Arcot	27	44	21	34	+ 28.6	+ 29.4
North Arcot	7	11	2	3	@	@
Salem	83	162	34	136	@	+ 19.1
Dharmapuri	19	26	15	51	+ 26.7	- 49.0
Coimbatore	195	213	240	284	- 18.7	- 25.0
Tiruchirappalli	10	27	10	34	0	- 20.6
Pudukkottai	0	1	1	5	..	- 80.0
Thanjavur	3	3	1	1	@	@
Madurai	213	374	124	270	+ 71.8	+ 38.5
Ramanathapuram	5	130	14	122	- 64.3	+ 6.6
Tirunelveli	87	114	70	151	+ 24.3	- 24.5
State ..	649	1,105	533	1,092	+ 21.8	+ 1.2

@ Variation is large. Hence not shown.

ESTIMATES OF AREA UNDER GROUNDNUT FOR KHARIF SEASON 1978-79 ACCORDING TO TIMELY REPORTING SCHEME IN TAMIL NADU.

District.	Estimated area in '00' hectares. 1978-79.		Estimated area in '00' hectares. 1977-78.		Percentage difference over 1977-78.	
	Irrigated.	Total.	Irrigated.	Total.	Irrigated.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Chengalpattu	48	328	69	322	— 30.4	+ 1.9
South Arcot	63	889	105	928	— 40.0	— 4.2
North Arcot	65	1,807	108	1,710	— 39.8	+ 5.7
Salem	32	1,062	23	581	+ 39.1	+ 82.8
Dharmapuri	11	422	30	441	— 63.3	— 4.3
Coimbatore	86	642	91	798	— 5.5	— 19.5
Tiruchirappalli	61	437	17	453	*	— 3.5
Pudukkottai	96	265	32	359	* *	— 26.2
Thanjavur	21	95	22	91	— 4.6	+ 4.4
Madurai	51	498	39	415	+ 30.8	+ 20.0
Ramanathapuram	13	156	23	194	— 43.5	— 19.6
Tirunelveli	32	84	31	54	+ 3.2	+ 55.6
State	579	6,685	590	6,346	— 1.9	+ 5.3

* Variation is large and hence not furnished.

ESTIMATES OF AREA UNDER POTATO IN KHARIF SEASON 1978-79 ACCORDING TO TIMELY REPORTING SCHEME IN TAMIL NADU.

District.	Estimated area in '00' hectares in 1978-79.		Estimated area in '00' hectares in 1977-78.		Percentage variation over 1977-78.	
	Irrigated area.	Total area.	Irrigated area.	Total area.	Irrigated area.	Total area.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Palani Nilgiris	Nil.	Nil.	Nil.	25	..	..

Area and Yield of Coconut and Arecanut in Tamil Nadu.—According to the provisional estimates for 1977-78 the total number of Coconut palms in Tamil Nadu is nearly 35.64 million in an estimated area of 1,09,370 hectares. The estimated bearing palms which were 66.55 per cent of the total Palms have yielded nearly 1,035.49 million nuts.

As regards arecanut, Tamil Nadu has an estimated 7.4 million arecanut Palms in an estimated area of 4,060 hectares. The estimated bearing palms which were 703.6 per cent of the total palms have yielded nearly 2,590 tonnes of cured arecanuts.

ESTIMATED AREA, NUMBER OF PALM AND PRODUCTION OF COCONUT IN TAMIL NADU.

Serial number and districts.	Estimated area in hectares.		Estimated number of Palms in '000's		Estimated production of Coconuts in '000' units.	
	1976-77.	1977-78.	1976-77.	1977-78.	1976-77.	1977-78.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
I. Village-reported to be growing Coconut alone—						
1. Chengalpattu	3,390	3,370	886	882	27,316	32,598
2. South Arcot	2,190	2,140	714	657	23,007	19,743
3. North Arcot	5,980	6,100	2,259	2,353	82,060	69,296
4. Salem	6,970	6,970	2,322	3,322	1,24,742	1,55,293
5. Dharmapuri	6,650	7,290	2,350	2,575	79,592	55,440
6. Coimbatore	15,080	15,060	5,216	5,136	1,76,396	1,69,332
7. Tiruchirappalli	3,900	3,930	1,909	1,805	60,931	58,151
8. Thanjavur	18,520	17,970	5,856	5,506	2,01,867	1,76,989
9. Pudukkottai	1,670	1,720	820	753	12,591	16,478
10. Madurai	6,330	6,130	2,547	2,588	52,582	58,881
11. Ramanathapuram	8,410	8,330	2,077	2,121	31,308	37,808
12. Tirunelveli	4,330	4,340	931	943	21,741	20,064
13. Kanniyakumari	15,850	16,340	3,564	3,837	1,05,701	99,940
II Villages reported to be not growing Coconut.	9,650	9,680	3,141	3,158	81,580	85,443
STATE ..	1,08,900	1,09,370	35,592	35,636	10,81,414	10,35,486

ESTIMATED AREA, NUMBER OF PALMS AND PRODUCTION OF ARECANUT IN TAMIL NADU.

<i>Serial number and districts.</i>	<i>Estimated area in hectares.</i>		<i>Estimated number of Palms in '000'</i>		<i>Estimated production of cured nuts in tonnes.</i>	
	1976-77.	1977-78.	1976-77.	1977-78.	1976-77.	1977-78.
<i>I. Villages reported to be growing arecanut.</i>						
1. Salem and Dharmapuri ..	1,190	1,200	2,142	2,170	870	820
2. Coimbatore	1,200	1,240	2,250	2,319	770	890
3. Tiruchirapalli, Thanjavur Madurai and Tirunelveli.	180	180	225	220	100	110
4. Kanniyakumari	1,440	1,440	2,678	2,694	810	770
<i>II. Villages reported to be not growing arecanut.</i>	Negligible.					
	4,010	4,060	7,295	7,403	2,550	2,590



IV. CROP PROSPECTS.

The North East Monsoon which extends from October to December was active during the quarter particularly in November and December 1978. The intensity of the showers varied from time to time and the North East monsoon was at its peak during the end of December fetching copious supply of water to almost all irrigation tanks and Reservoirs.

The occurrence of two successive cyclonic storms though helpful in augmenting water for irrigational requirements, was harmful to limited extent affecting the harvest of Kuruvai Paddy in the State.

Out of a total of 3.67 lakh acres under Kuruvai Paddy in Thanjavur district 2.22 lakh acres only were harvested before the cyclone and the yield rate in the remaining acres was reported to have decreased by 10 per cent mainly due to inundation of Paddy fields ready for harvest.

A total extent of 1.73 lakh acres of paddy in Thanjavur district comprising 27,000 acres under Kuruvai 1,31,000 acres under Samba and 15,000 acres under Thalady were Submerged in water. But as the water receded quickly damage to the crops was negligible.

The harvest of Groundnut in Chengalpattu, and parts of North Arcot, Dharmapuri and Coimbatore was also affected due to incessant rains.

About one lakh acres of standing crops were partly affected by the torrential rains in the districts of South Arcot, Pudukkottai and Kanniyakumari.

The rains however, was beneficial to the standing crops in North Arcot, Madurai and Tirunelveli districts.

The North East monsoon had revived with added force in the last weeks of December and caused flood havocs in certain parts of the State. But the coin is not without the otherside. The Strong, sturdy incessant rains brought copious supply of water to all the irrigation tanks, and all the reservoirs were full or nearful.

Another, important feature of the extended monsoonic benefit was that it changed the adverse situation in the districts of North Arcot, Pudukkottai, Dharmapuri and especially in Ramanathapuram and Tirunelveli which were in the grip of inadequate irrigational facilities during the early period of December and it also brightened the prospects of all crops in general and cotton in particular in the traditionally drought prone regions of Ramanathapuram and Tirunelveli.

In general the crop prospects during the year especially in later part of Khariff season and in Rabi would be much more brighter than anticipated.

SUMMARY OF FORECAST REPORT ON CERTAIN CROPS.

<i>Serial number and name of the crop.</i>	<i>Name of the Report.</i>	<i>Area (in hectares).</i>		<i>Percentage variation of current year's crops as compared with previous year's crop.</i>
		<i>Of current year's crop.</i>	<i>Of Previous years crop.</i>	
(1)	(2)	(3)	(4)	(5)
1 Indigo (Dyes) ..	Adhoc estimates 1977-78 ..	1,400	1,280	(+) 9.4
2 Indigo (Green manure).	Do. ..	2,090	2,200	(-) 5.0
3 Gloves	Do. ..	324	191	(+) 69.6
4 Cottons	Second forecast Report 1978-79.	73,540	63,110	(+) 16.5
5 Paddy	First forecast report 1978-79.	8,30,000	8,08,000	(+) 2.7
6 Gingelly	Second forecast report 1978- 79.	60,530	59,320	(+) 2.0
7 Mesta	Second and Final 1978-79 ..	160	130	(+) 23.0
8 Sugarcane ..	Second forecast 1978-79 ..	80,540	75,100	(+) 7.2
9 Cholan	First forecast 1978-79 ..	3,33,500	3,83,500	(+) 13.7
10 Cumbu	Do. ..	1,68,000	1,78,700	(-) 6.0
11 Ragi	Do. ..	1,41,000	1,37,100	(+) 2.8
12 Jorja	Do. ..	11,750	12,200	(-) 3.7
13 Jragu	Do. ..	1,33,700	7,37,800	(-) 3.0
14 Samai	Do. ..	96,400	96,400	..
15 Groundnut ..	Second forecast 1978-79 ..	8,26,800	8,14,800	(+) 1.5
16 Cotton	1st forecast 1978-79 ..	1,83,550	1,53,330	(+) 15.2
17 Paddy	Second forecast 1978-79 ..	16,72,000	16,54,000	(+) 1.1

SUMMARY OF FORECAST REPORTS ON CERTAIN CROPS—cont.

Serial number and name of the crop.	Name of the Report.	Production (in tonnes)		Percentage variation of current year's production as compared with the previous years.	Remarks.
		Of current year's crop.	Of previous year's crop.		
(1)	(2)	(6)	(7)	(8)	(9)
1 Indigo (Dyes) ..	Adhoc estimates 1977-78 ..	370*	300*	(+) 23.3	Production given in quintals.
2 Indigo (Green manure).	Do. ..	Not Framed.			
3 Cloves	Do. ..	437	238	(+) 83.6	....
4 Cotton	Second Forecast Report 1978-79	Not framed for Second Forecast Report.			
5 Paddy	First Forecast report 1978-79.	Not framed for first report.			
6 Gingelly	Second forecast report 1978-79	Not framed.			
7 Mesta	Second and final 1978-79 ..	700	570	(+) 22.8	....
8 Sugarcane ..	Second forecast 1978-79 ..	650,820	6,15,780	(+) 5.7	..
9 Chulam	First forecast 1978-79 ..	Not framed for first report.			
10 Cumbu	Do. ..	Do.			
11 Ragi	Do. ..	Do.			
12. Korra	Do. ..	Do.			
13 Varagu	Do. ..	Do.			
14 Samai	Do. ..	Do.			
15 Groundnut ..	Second forecast 1978-79 ..	7,58,360	6,96,460	(+) 8.9	....
16 Cotton	Third forecast 1978-79 ..	2,97,620	2,43,950	(+) 22.0	Cotton production given in terms of bales of 170kg. lint each.
17 Paddy	Second forecast 1978-79 ..	32,14,000s	31,15,000	(+) 3.2	....

* 180 kgs. of dry fibre.

V. INDUSTRIES.**RESULTS OF ANNUAL SURVEY OF INDUSTRIES.**

Annual Survey of Industries is conducted by National Sample Survey Organisation, Government of India under the collection of Statistics Act 1953 and collection of Statistics (Central) Rules 1959.

The factories registered under Section 2 m (i) and 2 m (ii) of the Factory Act 1948, and the Beedi Establishments are covered by the Survey.

The Survey is covered under two parts, viz. Census and Non-Census. Factories employing 50 or more workers using Power and 100 or more workers not using power are covered under the Census Sector. Factories employing 10 to 49 workers using power to 20 to 99 workers not using power are covered under Non-Census Sector. The Survey excludes from its purview, the units engaged in defence production, storage and distribution of oils restaurants and services, technical institutions not producing anything for sale or exchange even though they are registered as factories under the Factories Act 1948. A copy of the return for each factory collected by the National Sample Survey Organisation is received by this Department for the purpose of analysing the results for the use of State Government.

The Survey for the year 1975-76 is the latest for which results are available and the same has been given in this issue.



ANNUAL SURVEY OF INDUSTRY 1975-76.

Indus- tries Group.	Name of the Industry Group.	Factory sector.				
		Number of Factories.	Fixed capital.	Working capital.	Productive capital.	Invested capital.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
20-21	Manufacture of Food Products ..	2,023	6,741	4,276	11,017	13,205
22	Manufactures of Beverages, Tobacco and Tobacco Products.	793	725	578	1,303	2,927
23	Manufacture of Cotton Textiles ..	867	9,861	4,774	14,635	23,201
24 and 25	Manufacture of Wool, Silk, Synthetic fibres, Jute, Hemp, and Mesta Textiles.	158	850	747	1,597	1,265
26	Manufacture of Textile products ..	298	316	426	742	830
27	Manufacture of wood Products, furniture and fixtines.	160	149	402	551	382
28	Manufacture of Paper, Paper products, Printing publishing, etc.	564	3,257	1,777	5,034	5,192
29	Manufacture of Leather and furproduct .	283	1,063	769	1,832	4,090
30	Manufacture of Rubber, Plastic, Petro- leum and Cool products.	187	4,897	3,180	8,077	9,52
31	Manufacture of Chemical and Chemical products.	468	10,079	10,632	20,710	22,053
32	Manufacture of Non Metallic Mineral products.	156	4,929	2,304	7,233	8,356
33	Manufacture of Basic Metal and alloy Industries .	428	5,155	2,873	8,028	8,983
34	Manufacture of Metal Products except Machinery and Transport equipments.	333	1,204	1,545	2,749	2,863
35	Manufacture of Machinery, Machinery tools etc.	427	6,595	8,234	14,829	24,117
36	Manufacture of Electrical Machinery apparatus etc.	182	1,424	1,738	3,162	3,801
37	Manufacture of Transport equipment and parts.	162	4,945	6,249	11,234	12,926
38	Other Manufacturing Industries	82	614	386	1,000	1,155
40	Electricity	37	47,851	4,061	51,912	51,599
41	Gas and Steam	4	74	10	84	78
42	Water Works and supply	4	65	..	65	65
91	Sanitary Services	13	21	3	24	25
95	Recreational and cultural services	20	121	23	144	128
96	Personal Services	12	42	1	43	42
97	Repair Services	334	1,683	774	2,457	3,805
STATE	.. ..	7,995	1,12,661	55,803	1,68,464	2,00,613

ANNUAL SURVEY OF INDUSTRY 1975-76 cont.

Factory Sector—cont.

		<i>Outstand- ing loan.</i>	<i>Man- days worked (Nos. in lakhs).</i>	<i>All workers (Nos.)</i>	<i>All the Emp- loyees (Nos.).</i>	<i>Wages to workers.</i>	<i>Emalu- ment to employee.</i>
(1)	(2)	(8)	(9)	(10)	(11)	(12)	(13)
20-21	Manufacture of Food Products ..	6,083	215	88,387	1,06,870	1,180	2,036
22	Manufacture of Beverages, Tobacco and Tobacco Products.	997	76	21,654	27,580	418	659
23	Manufacture of Cotton Textiles ..	13,060	389	1,18,162	1,31,814	5,951	7,275
24-25	Manufacture of Wool, Silk, Synthetic fibres, Jute, Hemr, and Mesta Textiles.	376	16	4695	15,486	151	203
26	Manufacture of Textile Products ..	667	21	6838	8,122	129	177
27	Manufacture of Wood Products, furniture and fixlines.	282	15	4 401	5 110	73	115
28	Manufacture of Paper, Paper products, Printing Publishing etc.	2,404	80	20,885	26,754	803	1 338
29	Manufacture of Leather and Leather fur products.	1 985	44	12,072	814,170	438	609
30	Manufacture of Rubber, Plastic, Petroleum and Coal products.	3,263	47	10 407	14 294	462	884
31	Manufacture of Chemicals and Chemical products.	12,136	135	41,246	49,195	1,139	2 056
32	Manufacture of Non-Metalic Mineral product.	3,835	64	15,662	19,894	726	1,233
33	Manufacture of Basic Metal and alloys Industries.	4,368	67	19,310	25,103	756	1,232
34	Manufacture of Metal Products except Machinery and Transport Equipments.	1,610	47	12,457	16,341	496	856
35	Manufacture of Machinery Machine tools etc.	6,854	119	28,576	40,364	1,785	3,222
36	Manufacture of Electrical Machinery Apparatus etc.	1,855	39	10,592	14,067	530	1, 60
37	Manufacture of Transport Equipment and parts.	4,207	163	41,744	66,337	2,797	4,684
38	Other Manufacturing Industries	385	14	4,154	6,689	158	268
40	Electricity	40,714	237	48,606	64,872	2,386	3,745
41	Gas and Steam	27	1	151	191	6	7
42	Water works and supply .. ..	..	1	208	299	8	12
91	Sanitary Services .. ..	..	1	165	202	7	10
95	Recreational and cultural services ..	135	4	1,115	1,497	46	70
96	Personal Services	6	1	264	353	6	9
97	Repair Services	1,047	79	19,482	24,963	983	1,403
	STATE	1,06,296	1,869	5,31,233	6,70,567	21,434	33,164

ANNUAL SURVEY OF INDUSTRY 1975-76 (FACTORY SECTOR)-- cont.

<i>Industry Group.</i>	<i>Fuels consumed.</i>	<i>Materials consumed.</i>	<i>Other Input.</i>	<i>Total Input.</i>	<i>Products.</i>
(1)	(2)	(3)	(4)	(5)	(6)
20-21 Manufacture of Food products ..	936	24,119	4,826	29,881	31,047
22 Manufacture of Beverages, Tobacco and Tobacco products.	137	7,921	6,702	14,760	14,937
23 Manufacture of Cotton Textiles	2,354	30,916	3,826	37,096	42,632
24 & 25 Manufacture of Wool, Silk, Synthetic fibres, Jute and Mesta Textiles.	129	1,000	287	1,416	1,362
26 Manufacture of Textile products	27	1,798	480	2,305	2,426
27 Manufacture of Wood Products furniture and fixlincs.	16	380	105	501	514
28 Manufacture of paper paper products, Printing Publishing, etc.	559	3,872	860	5,291	7,062
29 Manufacture of Leather and Leather products.	95	8,927	1,979	11,001	10,224
30 Manufacture of Rubber, Plastic Petroleum and coal products.	387	28,208	1,410	30,005	32,823
31 Manufacture of Chemicals and Chenmical products.	2,249	19,527	3,195	24,971	30,509
32 Manufacture of Non-Metallic Mineral products.	2,766	4,998	920	8,684	11,292
33 Manufacture of Basic Metal and Alloys Industries.	1,145	6,208	1,139	8,492	9,696
34 Manufacture of Metal Products except Machinery and Transport equipments	149	2,629	574	3,352	4,369
35 Manufacture of Machinery Machine tools. etc.	528	15,996	2,754	19,278	24,681
36 Manufacture of Electrical Machinery Apparatus.	116	4,205	539	4,860	6,881
37 Manufacture of Transport equipments and parts.	776	14,897	2,219	17,892	23,432
38 Other Manufacturing Industries	34	632	126	792	1,036
40 Electricity	1,726	4,661	5,411	11,798	16,420
41 Gas and Steam	6	17	4	27	41
42 Water works and supply	41	12	1	54	72
91 Sanitary Services	13	1	2	16	..
95 Recreational and Cultural Services	21	50	73	144	..
96 Personal Services	6	7	6	19	..
97 Repair Services	343	2,186	1,013	3,542	426
STATE	14,560	1,83,167	38,450	2,36,177	2,71,882

ANNUAL SURVEY OF INDUSTRY 1975-76 (FACTORY SECTOR)—cont.

<i>Industry Group.</i>	<i>Other output.</i>	<i>Total output.</i>	<i>Deprecia- tion.</i>	<i>Value added.</i>	<i>Factor Payment.</i>	<i>Net Income.</i>
	(7)	(8)	(9)	(10)	(11)	(12)
20 & 21 Manufacture of Food Products ..	3,773	34,820	671	4,268	879	3,389
22 Manufacture of Beverages, Tobacco and Tobacco products.	1,497	16,434	93	1,581	220	1,361
23 Manufacture of Cotton Textiles	3,291	45,923	1,298	7,529	1,853	5,676
24 25 Manufacture of Wool, Silk, Synthetic fibres, Jute and Mesta Textiles.	206	1,568	92	60	43	17
26 Manufacture of Textile products	282	2,708	40	363	102	261
27 Manufacture of Wood Products, furniture and fixlins.	206	720	11	208	27	181
28 Manufacture of Paper, Paper products, Printing, Publishing, etc.	1,757	8,819	413	3,115	376	2,739
29 Manufacture of Leather and Leather fur products.	2,273	12,497	112	1,384	270	1,114
30 Manufacture of Rubber, Plastic, Petroleum and Coal products.	1,200	34,023	781	3,237	461	2,776
31 Manufacture of Chemicals and Chemical products.	1,872	32,381	1,080	6,330	1,025	5,305
32 Manufacture of Non-Metallic Mineral products.	408	11,700	401	2,615	446	2,169
33 Manufacture of Basic Metal and Alloys Industries.	1,202	10,898	524	1,882	706	1,176
34 Manufacture of Metal Products except Machinery and Transport Equipments.	631	5,000	162	1,486	219	1,267
35 Manufacture of Machinery, Machine tools, etc.	2,486	27,167	674	7,215	1,728	5,487
36 Manufacture of Electrical Machinery Apparatus.	261	7,142	179	2,103	293	1,810
37 Manufacture of Transport Equipments and parts.	2,605	26,037	606	7,539	587	6,952
38 Other Manufacturing Industries	139	1,175	49	334	110	224
40 Electricity	40	16,460	2,302	2,360	2,811	(-451)
41 Gas and Steam .. .. .	..	41	4	10	3	7
42 Water works and supply .. .. .	..	72	4	14	..	14
91 Sanitary Services	28	28	1	11	..	11
95 Recreational and Cultural Services	281	281	14	123	25	98
96 Personal Services	40	40	2	19	3	16
97 Repair Services	5,019	5,445	153	1,750	136	1,614
STATE	29,499	3,01,381	9,667	55,537	12,323	43,214

INDUSTRIAL PRODUCTION IN TAMIL NADU.

Industrial Production in Tamil Nadu increased during the Quarter ended September 1978 as the average General Index (Base 1970=100) increased by 7.5 points or 4.7 per cent.

Sizeable increases in output were noticed in respect of Bauxite (25.4 per cent), Refined Oil (109.4 per cent), Printing Paper (40.8 per cent), Tyres (all types) (33.1 per cent), Tubes (all types) (55.8 per cent), Superphosphate (27.6 per cent), Pesticides (41.3 per cent), Typewriters (29.7 per cent), Railway Wagons (76.8 per cent) and Bicycles (40.6 per cent).

Significant decreases in output were observed in respect of Sugar (Refined) (79.8 per cent), Tea (Processed) (47.4 per cent), Coffee (cured) (21.2 per cent), Earth Moving Machinery (27.1 per cent).

Statements indicating the Index Numbers and Production of selected items of Products are appended.



Serial number.	Code number.	Name of the Industry.	Index Number for the Month			
			April 78 (R)	May 78 (R)	June 78 (R)	Average for the quarter ended June '78
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		<i>I. Mining</i>	86.7	101.2	121.6	103.1
1	101	Lignite	74.9	92.7	112.9	93.5
2	123	Bauxite	70.4	83.4	88.3	80.7
3	190	Stone quarrying clay and pits	112.8	117.2	123.7	117.9
4	193	Precious and Semi-precious Stone	..	..	..	..
5	194	Mica (Crude)	..	..	..	..
6	195	Gypsum	66.4	87.8	107.4	87.2
		<i>II. Manufacturing</i>	148.4	166.9	169.6	161.6
7	201	Manufacture of dairy products	176.0	166.6	147.2	163.3
8	204	Grain Mill products	153.6	163.9	164.2	160.6
9	205	Manufacture of Bakery products.	169.7	178.2	169.2	172.4
10	206	Sugar (Refined)	250.5	168.0	84.6	167.7
11	207	Production of indigenous sugar	371.1	364.5	262.2	332.6
12	208	Salt	106.8	177.6	202.6	162.3
13	209	Manufacture of Cocoa, Chocolate Sugar confectionery.	80.1	85.4	83.3	82.9
14	210	Vanaspathy	50.0	81.1	107.0	79.4
15	211	Refined oil	7.2	10.9	18.3	12.1
16	212	Tea (Processed)	163.4	203.9	190.1	186.1
17	213	Coffee (Cured)	231.7	125.6	205.7	187.7
18	216	Prepared Animal Feeds	326.9	410.4	348.9	362.1
19	220	Distilling, Rectifying and blending of spirits	121.3	134.1	557.8	271.1
20	224	Soft Drinks and carbonated water.	98.4	100.5	77.6	99.2
21	228	Manufacture of chewing tobacco, Jerda and snuff	138.0	148.0	139.2	141.7
22	231	Cotton spinning weaving and finishing of cotton textiles in mills.	102.4	113.5	107.2	107.7
23	247	Spinning weaving and finishing of other textiles	203.5	250.1	226.8	226.8
24	280	Manufacture of pulp, paper and paper Board including Newsprint.	159.7	144.7	185.1	163.1
25	300	Tyre and Tube Industries	135.8	106.5	79.0	107.1
26	302	Manufacture of Rubber products N.E.C.	77.5	88.6	85.4	83.8
27	303	Manufacture of plastic, products N.E.C. (except house furnishing).	338.1	314.6	353.1	335.3
28	304	Petroleum Refineries	144.1	140.9	149.9	145.0
29	310	Manufacture of basic industrial organic and inorganic chemical and gases.	286.6	335.9	338.1	320.2
30	311	Manufacture of fertilisers and pesticides	515.3	673.7	622.6	590.5

Serial number.	Code number.	Name of the Industry.	Index Number for the Month.			
			April 78 (R).	May 78 (R).	June 78 (R).	Average for the quarter ended June 78.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
31	312	Manufacture of paints, varnishes and lacquers ..	104.1	125.0	126.3	118.2
32	313	Manufacture of drugs and Medicines	218.2	244.9	470.5	311.2
33	314	Manufacture of perfumes Cosmetics soap in any form, etc.	218.9	229.0	224.8	224.2
34	316	Manufacture of Turpentine, synthetic resin and plastic materials, etc.	115.2	129.8	136.3	127.1
35	317	Safety Matches	201.5	225.0	222.0	219.2
36	318	Manufacture of explosives and ammunition and .. fire works.	155.6	187.9	234.8	192.8
37	319	Manufacture of Chemical Products N.E.C. ..	317.6	231.9	325.4	291.6
38	320	Manufacture of structural clay products. . . .	76.5	94.5	94.1	88.4
39	321	Manufacture of glass and glass products	1.3	22.4	9.4	11.0
40	323	Manufacture of Earthen ware and Procelain ware	219.2	184.8	200.3	201.4
41	324	Manufacture of cement, lime and Plaster	141.1	136.6	147.8	141.8
42	326	Manufacture of structural, stone goods, stone ware stone dressing and stone crushing.	222.5	154.8	209.1	195.5
43	328	Manufacture of Asbestos cement and other cement products.	132.8	139.3	139.4	137.2
44	329	Manufacture of miscellaneous non-metal mineral products.	113.4	138.6	129.1	127.0
45	330	Iron and Steel Industries	136.2	161.4	166.0	154.5
46	331	Foundries for casting and forging iron and steel	132.1	137.0	136.6	135.2
47	339	Other non-ferrous metal industries	131.9	137.2	134.3	134.5
48	340	Manufacture of fabricated metal products ..	160.9	172.3	144.7	159.3
49	343	Manufacture of hand tools and general hardware	255.2	330.7	341.7	309.2
50	344	Enamel sign boards and other enamel products ..	60.0	70.0	60.0	63.3
51	345	Manufacture of metal utensils cutlery and Kitchen-ware.	64.8	69.5	60.9	65.1
52	349	Manufacture of metal products except machinery and Transport equipment N.E.C. like type founding.	90.2	202.6	132.7	141.8
53	350	Manufacture of Agricultural Machinery	227.9	299.2	302.5	276.4
54	351	Manufacture and repair of heavy Machinery and equipment used by construction and mining industries.	104.0	79.6	8.6	64.1
55	352	Manufacture of prime movers, boilers and steam generating plants such as diesel engines and parts.	260.0	338.7	384.2	327.6
56	353	Industrial machinery for food textile and Industries.	157.8	190.4	209.7	186.0
57	355	Manufacture of refrigerators, Air-Conditioners, and Fire fighting equipments and their parts components and accessories.	6.1	6.1	3.0	5.1

Serial number.	Code number.	Name of the Industry.	Index Number for the Month			
			April 78 (R).	May 78 (R).	June 78 (R).	Average for the quarter ended June 78.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
58	356	Manufacture, alteration and repair general items of non-electrical machinery components equipment and accessories n.e.c.	116.2	118.9	132.1	122.4
59	357	Manufacture of machine tools, their parts and accessories.	154.4	151.4	167.6	157.8
60	358	Manufacture of Office computing and accounting machinery and parts.	131.3	360.9	195.5	229.2
61	360	Manufacture of electrical industrial machinery and apparatus and parts.	168.0	143.3	154.3	155.2
62	361	Manufacture of insulated wires and cables ..	39.7	75.9	71.2	62.3
63	362	Manufacture of dry and wet batteries	103.7	84.8	109.4	99.3
64	363	Manufacture of electrical apparatus, appliances and other parts.	93.6	139.5	181.2	138.1
65	364	Manufacture of radio and television transmitting and receiving sets.	74.6	109.9	122.3	102.3
66	370	Ship building and repairing	33.3	25.0	41.7	33.3
67	372	Manufacture of railway wagons and coaches and parts.	100.1	107.6	105.2	104.3
68	374	Manufacture of motor vehicles and parts ..	146.9	188.9	186.4	174.1
69	375	Manufacture of Motor Cycles and Scooters and parts.	228.3	225.0	233.4	228.9
70	376	Manufacture of bicycles, cycle rickshaws and parts	17.4	21.8	20.0	19.7
71	379	Manufacture of Transport equipment and parts n.e.c.	118.6	137.2	139.5	131.8
72	380	Manufacture of Medical, Surgical and scientific equipment.	74.7	70.5	76.3	73.8
73	381	Manufacture of photographic and optical goods	30.8	7.7	..	12.8
74	382	Manufacture of watches and clocks	127.9	165.1	104.5	132.5
75	387	Manufacture of stationery articles n.e.c.	49.4	54.0	47.7	50.4
76	389	Manufacture of miscellaneous products n.e.c. ..	106.9	109.8	128.6	115.1
III. ELECTRICITY.						
77	400	Electricity Generated	153.4	151.9	166.1	157.1
		General Index	147.0	162.2	167.4	158.9

INDEX NUMBER OF INDUSTRIAL PRODUCTION IN TAMIL NADU.

(1970=100)

<i>Serial number.</i>	<i>Code number.</i>	<i>Name of the Industry.</i>	<i>July 78 (P)</i>	<i>August 78 (P)</i>	<i>Septem- ber 78 (P)</i>	<i>Average for the quarter ended Septem- ber 78.</i>
(1)	(2)	(3)	(8)	(9)	(10)	(11)
		I. Mining	105.9	102.9	98.3	102.4
1	101	Lignite	97.6	93.4	87.8	92.9
2	123	Bauxite	106.5	105.5	91.5	101.2
3	190	Stone quarrying clay and pits	122.2	122.2	122.3	122.2
4	193	Precious and Semi-precious Stone .. .. .	..	..	..	..
5	194	Mica (Crude)	42.9	14.3	..	19.1
6	195	Gypsum	121.3	108.7	60.3	96.8
		II. Manufacturing	171.2	169.2	162.3	167.6
7	201	Manufacture of dairy products	138.8	140.7	148.0	142.5
8	204	Grain Mill products	156.9	161.1	145.3	154.4
9	205	Manufacture of Bakery products	163.3	213.1	179.7	185.4
10	206	Sugar (Refined)	51.4	21.1	27.9	33.5
11	207	Production of Indigenous Sugar	185.0	26.1	39.1	83.4
12	208	Salt	232.5	261.1	266.8	253.5
13	209	Manufacture of cocoa, Chocolate Sugar confectionery.	89.3	91.4	88.4	89.7
14	210	Vanaspathy	77.1	61.7	112.6	83.8
15	211	Refined oil	10.4	48.5	17.4	25.4
16	212	Tea (Processed)	96.2	99.8	97.0	97.7
17	213	Coffee (Cured)	148.4	42.0	229.2	139.9
18	216	Prepared Animal Feeds	439.8	420.6	434.1	431.5
19	220	Distilling, Rectifying and blending of spirits	112.1	112.9	203.5	142.8
20	224	Soft Drinks and carbonated water	61.8	57.7	63.9	61.1
21	228	Manufacture of chewing tobacco, Jerda and snuff	139.8	147.6	145.0	144.1
22	231	Cotton spinning weaving and finishing of cotton textiles in mills.	110.5	109.6	125.5	115.2
23	247	Spinning weaving and finishing of other textiles	250.7	254.8	235.0	246.8
24	280	Manufacture of pulp, paper and paper Board including Newsprint.	184.8	203.8	207.2	198.6
25	300	Tyre and Tube Industries	143.6	139.0	163.2	148.6
26	302	Manufacture of Rubber products n.e.c.	89.3	91.9	79.4	86.9
27	303	Manufacture of plastic products n.e.c. (except house furnishing).	364.1	387.2	384.3	378.5
28	304	Petroleum Refineries	150.8	158.5	145.0	151.4
29	310	Manufacture of basic industrial organic and inorganic chemical and gases.	383.8	332.4	174.9	297.0
30	311	Manufacture of fertilisers and pesticides.	683.5	558.0	367.2	536.2

<i>Serial number.</i>	<i>Code number.</i>	<i>Name of the Industry.</i>	<i>July 78 (P)</i>	<i>August 78 (P)</i>	<i>Septem- ber 78 (P)</i>	<i>Average for the quarter ended Septem- ber 78.</i>
(1)	(2)	(3)	(8)	(9)	(10)	(11)
31	312	Manufacture of paints, varnishes and lacquers ..	112.8	115.2	130.5	119.5
32	313	Manufacture of drugs and Medicines	539.9	465.9	533.8	513.2
33	314	Manufacture of perfumes, Cosmetics soap in any form, etc.	216.3	222.9	203.9	214.4
34	316	Manufacture of Turpentine, synthetic resin and plastic materials, etc.	152.0	151.2	142.8	148.7
35	317	Safety Matches	229.5	231.5	224.9	228.6
36	318	Manufacture of explosives and ammunition and fire works.	323.2	371.6	325.4	340.1
37	319	Manufacture of Chemical Products n.e.c. . .	320.7	312.1	281.9	304.9
38	320	Manufacture of structural clay products	96.2	116.2	92.6	101.7
39	321	Manufacture of glass and glass products	11.7	12.5	29.1	17.8
40	323	Manufacture of Earthen ware and Procelain ware	193.7	157.4	219.6	190.2
41	324	Manufacture of cement, lime and Plaster ..	141.7	154.8	155.5	150.7
42	326	Manufacture of structural, stone goods, stone ware, stone dressing and stone crushing.	138.3	166.1	134.7	146.4
43	328	Manufacture of Asbestos cement and other products.	139.6	109.4	118.0	122.3
44	329	Manufacture of miscellaneous non-metal mineral products.	125.3	140.3	135.9	133.8
45	330	Iron and Steel Industries	159.7	150.6	150.0	153.4
46	331	Poundries for casting and forging iron and steel	152.3	130.4	126.2	136.3
47	339	Other non-ferrous metal industries	145.7	141.6	138.7	142.0
48	340	Manufacture of fabricated metal products ..	160.2	184.8	178.1	174.4
49	343	Manufacture of hand tools and general hardware	332.2	429.3	366.2	375.9
50	344	Enamel sign boards and other enamel products ..	..	100.0	60.0	53.3
51	345	Manufacture of metal utensils cutlery and Kitchen-ware.	34.4	54.7	61.7	50.3
52	349	Manufacture of metal products except machinery and Transport equipment N.E.C. like type founding.	60.1	271.1	214.9	182.0
53	350	Manufacture of Agricultural Machinery	290.0	296.1	256.8	281.0
54	351	Manufacture and repair of heavy Machinery and equipment used by construction and mining industries.	34.2	78.4	77.3	63.3
55	352	Manufacture of prime movers, boilers, and steam generating plants such as diesel engines and parts.	379.3	380.6	338.9	366.3
56	353	Industrial machinery for food textiles and Industries.	194.2	202.3	196.3	197.8
57	355	Manufacture of refrigerators, Air Conditioners, and Fire fighting equipments and their parts components and accessories.	3.0	6.1	6.1	5.1

<i>Serial number.</i>	<i>Code number.</i>	<i>Name of the Industry.</i>	<i>July 78 (P)</i>	<i>August 78 (P)</i>	<i>Septem- ber 78 (P)</i>	<i>Average for the quarter ended Septem- ber 78.</i>
(1)	(2)	(3)	(8)	(9)	(10)	(11)
58	356	Manufacture, alteration and repair general items of non-electrical machinery components equipment and accessories n.e.c.	121.7	113.7	109.9	115.1
59	357	Manufacture of machine tools, their parts and accessories.	151.8	154.5	155.8	154.0
60	358	Manufacture of office computing and accounting machinery and parts.	301.4	263.3	262.9	275.9
61	360	Manufacture of electrical industrial machinery and apparatus and parts.	189.7	178.1	169.2	179.0
62	361	Manufacture of insulated wires and cables ..	106.8	127.9	112.7	115.8
63	362	Manufacture of dry and wet batteries	106.6	117.3	93.4	105.8
64	363	Manufacture of electrical apparatus, appliances and other parts.	170.9	128.9	153.7	151.2
65	364	Manufacture of radio and television transmitting and receiving sets.	136.7	137.0	46.9	106.9
66	370	Ship building and repairing.	41.7	16.7	33.3	30.6
67	372	Manufacture of railway wagons and coaches and parts.	111.7	115.1	111.2	112.7
68	374	Manufacture of motor vehicles and parts ..	185.6	181.4	189.9	185.6
69	375	Manufacture of Motor cycles and Scooters and parts.	191.9	227.9	190.2	203.3
70	376	Manufacture of bicycles, cycle rickshaws and parts.	18.5	21.2	17.8	19.2
71	379	Manufacture of Transport equipment and parts n.e.c.	114.0	116.3	118.6	116.3
72	380	Manufacture of Medical, Surgical and Scientific Equipment.	90.7	88.5	91.3	90.2
73	381	Manufacture of photographic and optical goods ..	..	30.8	15.4	15.4
74	382	Manufacture of watches and clocks	179.0	176.0	169.9	175.0
75	387	Manufacture of stationery articles n.e.c. . . .	52.6	60.1	57.4	56.7
76	389	Manufacture of miscellaneous products n.e.c. ..	125.7	136.0	135.6	132.4
III. Electricity						
77	400	Electricity Generated	177.6	184.5	162.2	174.8
		General Index	169.9	169.2	160.0	166.4

INDUSTRIAL PRODUCTION IN TAMIL NADU.

Serial number and name of the product.	Unit.	Production during.			Total.
		April. 1978 (R)	May 1978 (R).	June 1978 (R).	
(1)	(2)	(3)	(4)	(5)	(6)
<i>Mining.</i>					
1 Lignite	Tonne	2,21,102	2,73,810	3,60,088	8,55,000
2 Bauxite	Do.	4,978	5,892	6,240	17,110
3 Limestone	Do.	3,68,114	3,71,026	3,97,522	11,36,662
4 Magnesite	Do.	23,818	27,132	27,532	78,482
5 Gypsum	Do.	5,274	6,972	8,524	20,770
<i>Manufacturing.</i>					
6 Sugar (Refined)	Do.	68,601	46,013	21,510	1,36,124
7 Hydrogenated Oil (Vanaspathy)	Do.	697	1,130	1,491	3,318
8 Refined Oil	Do.	65	99	166	330
9 Tea (Processed)	Do.	7,288	9,092	8,477	24,857
10 Coffee (Cured)	Do.	1,339	726	1,015	3,080
11 Cotton Yarn	Do.	15,053	16,828	16,375	48,256
12 Cotton Woollen Piecegoods	"000" metres.	14,842	15,153	13,777	43,772
13 Printing Paper	Tonne	1,612	1,502	1,467	4,581
14 Tyres (All Types)	No.	5,80,014	4,54,882	3,32,046	13,66,942
15 Tyres (All Types)	Do.	4,08,171	3,19,937	2,49,078	9,77,186
16 Superior Kerosene	Tonne	30,724	22,379	13,570	67,673
17 High Speed Diesel Oil	Do.	55,862	56,054	61,102	1,73,018
18 Ammonia	Do.	32,506	39,159	38,903	1,10,568
19 Caustic Soda	Do.	7,035	7,770	7,827	22,632
20 Urea	Do.	45,649	65,433	63,288	1,74,370
21 Superphosphate	Do.	6,979	10,201	15,635	32,815
22 Mixed Fertilisers	Do.	66,620	75,862	74,464	2,16,946
23 Pesticides	Do.	1,498	1,160	1,261	3,919
24 Paints and Enamels	Kg.	3,34,643	4,58,438	4,37,619	12,30,700
25 Varnishes	Litre.	23,378	24,498	19,038	66,916
26 Safety Matches	Gross Boxes.	62,56,030	69,85,327	68,93,246	2,01,34,603
27 Refractories	Tonne.	9,066	11,325	11,259	31,650
28 Cement	Do.	2,81,420	2,72,288	2,94,757	8,48,465
29 Asbestos Cement Products	Do.	6,063	6,361	6,367	18,791
30 Coated Abrasives	Reams.	7,559	8,498	8,079	24,136
31 Bonded Abrasives	Tonne.	223	304	282	809
32 Iron and Steel (Metal)	Do.	8,118	10,386	10,132	28,636
33 Castings (Iron and Steel)	Do.	3,469	3,307	3,901	10,677
34 Non-Ferrous (Metal)	Do.	2,096	2,190	2,149	6,435
35 Metal containers (Crops and Closures)	Do.	858	907	848	2,316

Serial number and name of the product.	Unit.	Production during.			
		April 1878 (R.).	May 1878 (R.).	June 1978 (R.).	Total.
(1)	(2)	(3)	(4)	(5)	(6)
36 Tractors	No.	441	564	601	1,606
37 Earth Moving Machinery	Do.	35	26	24	85
38 High Pressure Boilers and Fittings	Tonne.	4,582	6,272	7,077	17,931
39 Diesel Engines	No.	4,453	4,642	5,403	14,498
40 Frames	Do.	82	102	112	296
41 Power Driven Pumps.	Do.	15,602	15,675	14,304	45,581
42 Typewriters	Do.	1,396	1,669	1,903	4,968
43 Transformers	KVA.	1,04,960	49,913	43,013	1,97,886
44 Electric Motors	No.	9,274	10,550	10,940	30,764
45 Dry Cells	No.	97,32,000	68,34,000	1,02,05,500	2,67,71,500
46 Railway Coaches	Do.	58	63	62	183
47 Completed Motor Vehicles	Do.	153	154	165	472
48 Railway Wagons	Do.	26	23	20	69
49 Motor Vehicle Chassis	Do.	629	1,039	849	2,517
50 Body Building	Do.	142	171	172	485
51 Motor Cycles	Do.	1,982	1,953	2,026	5,961
52 Bicycles	Do.	Nil.	Nil.	32	32
53 Synthetic Gem Stones	Kg.	1,979	2,033	2,382	6,394
54 Electricity Generated	KWH.	683,441	676,901	740,222	2,100,564

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INDUSTRIAL PRODUCTION IN TAMIL NADU—cont.

Serial number and name of the product.	Unit.	Production during.				Percentage of increase or decrease over previous quarter
		July 1978 (P)	August 1978 (P)	September 1978 (P)	Total.	
(1)	(2)	(7)	(8)	(9)	(10)	(11)
<i>Mining.</i>						
1 Lignite	Tonne	2,88,199	2,76,010	2,59,211	8,23,420	(—)3.7
2 Bauxite	Do.	7,526	7,456	6,466	21,448	(+)25.4
3 Limestone	Do.	3,83,655	3,89,596	3,56,119	1,169,570	(+)2.9
4 Magnesite	Do.	28,018	28,385	28,354	84,757	(+)8.0
5 Gypsum	Do.	9,629	8,629	4,786	23,044	(+)11.0
<i>Manufacturing.</i>						
6 Sugar (Refined)	Do.	14,064	5,786	7,654	27,504	(—)79.8
7 Hydrogenated Oil (Vanaspathy)	Do.	1,074	860	1,569	3,503	(+)5.6
8 Refined Oil	Do.	94	439	158	691	(+)109.4
9 Tea (Processed)	Do.	4,291	4,452	4,328	13,071	(—)47.4
10 Coffee (Cured)	Do.	858	243	1,325	2,426	(—)21.2
11 Cootton Yarn	Do.	17,070	16,593	18,772	52,435	(+)8.7
12 Cotton Woollen Piecegoods	“000” metres.	8,602	11,585	15,365	35,552	(—)18.8
13 Printing Paper	Tonne	2,013	2,623	1,814	6,450	(+)40.8
14 Tyres (All Types)	Do.	5,84,711	5,69,483	6,65,790	18,19,984	(+)33.1
15 Tubes (All Types)	Do.	4,94,445	4,70,325	5,58,154	15,22,924	(+)55.8
16 Superior Kerosene	Tonne	23,341	20,135	21,371	64,847	(—)3.3
17 High Speed Diesel Oil	Do.	58,811	58,124	54,045	1,70,980	(—)1.2
18 Ammonia	Do.	46,443	36,335	6,090	88,868	(—)19.6
19 Caustic Soda	Do.	8,478	7,946	8,189	24,613	(+)8.8
20 Urea	Do.	73,503	55,068	12,862	1,41,433	(—)18.9
21 Superphosphate	Tonne.	15,772	11,458	14,646	41,876	(+)27.6
22 Mixed Fertilisers	Do.	78,278	67,177	57,228	2,02,683	(—)6.6
23 Pesticides	Do.	1,940	2,008	1,590	5,538	(+)41.3
24 Paints and Enamels	Kg.	3,66,661	3,80,582	4,35,254	11,82,497	(—)3.9
25 Varnishes	Litre	23,292	22,445	18,169	63,906	(—)4.5
26 Safety Matches	Gross Boxes.	71,23,554	71,88,042	69,83,249	2,12,94,845	(+)5.8
27 Refractories	Tonne.	11,465	13,814	11,016	36,295	(+)14.7
28 Cement	Do.	2,82,615	3,08,743	3,09,973	9,01,331	(+)6.2
29 Asbestos Cement Products	Do.	6,377	4,995	5,388	16,760	(—)10.8
30 Coated Abrasives	Reams.	7,948	8,308	7,619	23,875	(—)1.1
31 Bonded Abrasives	Tonne.	277	279	263	819	(+)1.2
32 Iron and Steel (Metal)	Do.	8,680	7,177	8,946	24,803	(—)13.4
33 Castings (Iron and Steel)	Do.	3,984	4,293	4,294	13,571	(+)17.7
34 Non-Ferrous (Metal)	Do.	2,270	2,227	2,177	6,674	(+)3.7
35 Metal containers (Crops and Closures)	Do.	856	873	903	2,632	(+)0.7

Serial number and name of the product.	Unit.	Production during			Total.	Percentage of increase or decrease over previous quarter.
		July 1978 (P)	August 1978 (P)	September 1978 (P)		
(1)	(2)	(7)	(8)	(9)	(10)	(11)
36 Tractors	No.	553	530	450	1,513	- 5.8
37 Earth Moving Machinery	Do.	10	26	26	62	- 27.1
38 High Pressure Boilers and Fittings	Tonne.	7,104	7,099	6,107	20,310	+ 13.3
39 Diesel Engines	No.	4,897	5,030	5,290	15,217	+ 5.0
40 Frames	Do.	105	108	104	317	+ 7.1
41 Power Driven Pumps	Do.	13,687	13,475	13,176	40,338	- 11.5
42 Typewriters	Do.	2,048	2,171	2,225	6,444	+ 29.7
43 Transformers	KVA.	82,400	49,810	65,330	1,97,540	- 0.2
44 Electric Motors	No.	10,764	12,623	10,393	33,780	+ 9.8
45 Dry Cells	No.	10306000	11033000	8696800	30035800	+ 12.2
46 Railway Coaches	Do.	66	64	61	191	+ 4.4
47 Completed Motor Vehicles	Do.	161	167	160	488	+ 3.4
48 Railway Wagons	Do.	20	49	53	122	+ 76.8
49 Motor Vehicles Chassis	Do.	809	919	986	2,714	+ 7.8
50 Body Building	Do.	126	148	171	445	- 8.2
51 Motor Cycles	Do.	1,666	1,978	1,651	5,295	- 11.2
52 Bicycles	Do.	Nil.	Nil.	45	45	+ 40.6
53 Synthetic Gem Stones	Kg.	2,328	2,518	2,511	7,357	+ 15.1
54 Electricity Generated	KWH.	791 389	822*082	722*711	2336*182	+ 11.2

सत्यमेव जयते

VI. HANDLOOMS.

Production of Handloom Cloth.—The production of handloom cloth in Tamil Nadu during the quarter ended September 1978 has been estimated at 151,465,000 metres as against 150,487,000 metres for the previous quarter. While the total production of all varieties of handloom cloth has increased by 0.65 per cent the individual varieties have increased at different rates as shown below:—

<i>Variety of cloth.</i>							<i>Percentage of increase.</i>
1. Cotton	..	..	..	..	..	..	0.50
2. Silk	..	..	..	..	..	..	2.51
3. Art-silk	..	..	..	..	..	..	2.29
4. Mixture	..	..	..	..	..	..	1.06

A close analysis of the production of handloom cloth during the previous three quarters, has revealed that the industry is steadily progressing overcoming all the natural calamities encountered last year.

Among the different varieties of cloth produced, saree alone has accounted for 27.11 per cent while towels, dhoties and lungies constituted 17.52 per cent, 17.26 per cent and 13.30 per cent respectively. The remaining 24.81 per cent of production was shared by shirting, bed spread, carpet, gada, etc.

Out of the total production, cotton fabrics alone has accounted for 87.83 per cent followed by mixture, art-silk and silk, fabrics which accounted for 5.73 per cent, 5.71 per cent and 0.73 per cent respectively. Despite a slight increase in the price of yarn and dyeing materials, there was no abnormalities in the supply.

The average monthly sale of handloom goods to the total available stock in Tamil Nadu during the quarter under review in respect of co-operative fold was 36.17 per cent while for outside co-operative fold it was 45.06 per cent.

The variety-wise production of handloom cloth during the quarter ended September 1978 is furnished below:—

<i>Serial number and variety.</i>							<i>Production in 000 metres.</i>
1. Cotton	..	..	..	..	..	..	133033
2. Silk	..	..	..	..	..	..	1101
3. Art-silk	..	..	..	..	..	..	8658
4. Mixture	..	..	..	..	..	..	8673
Total							151465

In '000' METRE

PRODUCTION OF HANDLOOM CLOTH IN TAMIL NADU.

Variety of cloth.	1977-78.	Quarter ended December 1977.	Quarter ended March 1978.	Quarter ended June 1978.	Quarter ended September 1978.	Total of Columns 3+4+5+6
(1)	(2)	(3)	(4)	(5)	(6)	(7)
A. Cotton—						
1 Dhoties	98,980	23,910	24,477	25,671	25,947	1,00,005
2 Sarees	93,487	24,348	23,011	22,978	24,832	95,169
3 Towels	1,11,175	26,726	28,080	28,610	26,543	1,09,959
4 Handkerchiefs	5,489	1,826	378	773	633	3,610
5 Lungies	74,996	18,274	18,813	18,756	19,638	75,481
6 Bedspreads	26,392	6,577	7,431	8,885	8,148	31,041
7 Angavastrams	3,795	893	946	763	641	3,243
8 Shirtings	52,740	13,738	12,839	11,551	10,936	49,064
9 Coatings	765	215	194	223	412	1,044
10 Gada	16,233	4,129	3,741	4,965	5,747	18,582
11 Carpet	12,720	3,132	3,020	3,767	4,745	14,664
12 Curtain Cloth	2,301	495	420	587	726	2,228
13 Pillow cover	2,407	538	554	729	933	2,754
14 Dhavani	5,873	1,159	1,818	1,491	1,729	6,197
15 Others	11,308	2,221	3,835	2,618	1,423	10,097
Total	5,18,661	12,28,181	1,29,557	1,32,367	1,33,033	5,23,138
B. Silk—						
1 Dhoties	392	97	72	94	104	367
2 Sarees	3,342	791	875	908	957	3,531
3 Angavastrams	72	22	14	18	16	70
4 Dhavani	225	44	31	34	14	123
5 Others	91	25	14	20	10	69
Total	4,122	979	1,006	1,074	1,101	4,160
C. Art-Silk—						
1 Dhoties	251	35	33	29	40	137
2 Sarees	29,938	6,981	6,765	7,048	7,040	27,834
3 Lungies	1,797	433	531	502	691	2,157
4 Dhavani	1,311	331	451	444	509	1,735
Others	1,115	288	392	441	378	1,499
Total	34,412	8,068	8,172	8,464	8,658	33,362

PRODUCTION OF HANDLOOM CLOTH IN TAMIL NADU— *cont.*

<i>Variety of cloth.</i>	1977-78.	<i>Quarter ended December 1977.</i>	<i>Quarter ended March 1978.</i>	<i>Quarter ended June 1978.</i>	<i>Quarter ended September 1978.</i>	<i>Total of Columns 3+4+5+6</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>D. Mixture of Art Silk and Cotton—</i>						
1 Dhoties	186	58	22	31	57	168
2 Sarees	33,534	8,309	8,256	8,399	8,238	33,202
3 Others	1,427	183	102	152	378	815
Total ..	35,147	8,550	8,380	8,582	8,673	34,185
Grand Total ..	5,92,342	1,45,778	1,47,115	1,50,487	1,51,465	5,94,845



VII. JOINT STOCK COMPANIES.**NEW REGISTRATIONS AND LIQUIDATIONS OF JOINTSTOCK COMPANIES.**

During the quarter ended December 1978, 5 Public companies and 66 Private companies were newly registered as against 6 Public companies and 72 Private companies during the previous quarter.

The Total authorised capital of the newly registered public and private companies during the quarter ended December 1978 was Rs. 498.04 lakhs as against Rs. 725.64 lakhs during the previous quarter.

During the quarter under review 2 companies went into liquidation as against 4 companies in the previous quarter.



NEW REGISTRATION AND LIQUIDATION OF JOINT STOCK COMPANIES IN TAMIL NADU.

Month.	New Registration.					
	Number of companies.			Authorised capital.		
	Public.	Private.	Total.	Public.	Private.	Total.
	(2)	(3)	(4)	(5)	(6)	(7)
(RUPEES IN LAKHS.)						
1978						
October .. .. .	..	14	14	..	64.90	64.90
November	4	30	34	56.50	194.69	251.19
December	1	22	23	40.00	141.95	181.95
	5	66	71	96.50	401.54	498.04

Month.	Liquidation.					
	Number of companies.			Authorised capital.		
	Public.	Private.	Total.	Public.	Private.	Total.
	(8)	(9)	(10)	(11)	(12)	(13)
(RUPEES IN LAKHS.)						
(1)—cont.						
1978						
October .. .. .	..	..	..	..	..	..
November	1	1	2	Not available.	5.00	5.00
December .. .. .	..	..	..	..	..	..
	1	1	2	..	5.00	5.00

INDUSTRIAL BREAK UP OF NEW REGISTRATION OF JOINT STOCK COMPANIES IN TAMIL NADU.

Industrial Classification.	Month of October 1978.			Month of November 1978.		
	Public.	Private.	Total.	Public.	Private.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
0. Agriculture and allied activities
1. Mining and quarrying	3	3
2. Processing and manufacture of food stuff, textile, leather and product thereof.	..	2	2	..	4	4
3. Processing and manufacture metal, chemical and products thereof.	..	3	3	..	10	10
4. Processing and manufacture not elsewhere classified.	..	3	3	..	2	2
5. Construction and utilities	1	1
6. Commerce (trade and finance)	2	2	3	6	9
7. Transport and communication services	1	1	..	1	1
8. Community and business service	1	2	3
9. Personal and other services	3	3	..	1	1
Total	14	14	4	30	34

INDUSTRIAL BREAK-UP OF NEW REGISTRATION OF JOINT STOCK COMPANIES IN TAMIL NADU.

Authorised capital rupees in lakhs.

Industrial Classification.	Month of December 1978.			Month of October 1978.		
	Public.	Private.	Total.	Public.	Private.	Total.
	(8)	(9)	(10)	(11)	(12)	(13)
O. Agriculture and allied activities	1	1	..	..	..
1. Mining and quarrying
2. Processing and manufacturing of food stuff, textile, leather and product thereof	3	3	..	35.00	35.00
3. Processing and manufacturing metal, chemical and products thereof	12	12	..	15.50	15.50
4. Processing and manufacture not elsewhere classified	1	1	..	4.00	4.00
5. Constructions and utilities
6. Commerce (trade and finance)	1	2	3	..	1.20	1.20
7. Transport and communication services	1	1	..	20	0.20
8. Community and business services	2	2	..	..	..
9. Personal and other services	9.00	9.00
Total ..	1	22	23	..	64.90	64.90

INDUSTRIAL BREAK-UP OF NEW REGISTRATION OF JOINT STOCK COMPANIES IN TAMIL NADU.

Industrial Classifications.	Authorised capital rupees in lakhs.					
	Month of November 1978.			Month of December 1978.		
	Public.	Private.	Total.	Public.	Private.	Total.
	(14)	(15)	(16)	(17)	(18)	(19)
0. Agriculture and allied activities .. ..	..	..	..	..	5.00	5.00
1. Mining and quarrying .. .. .	..	14.00	14.00	..	..	..
2. Processing and manufacturing foods stuffs, textiles, leather and product thereof ..	..	13.00	13.00	..	67.00	67.00
3. Processing and manufacture metal, chemical and products thereof .. .. .	..	93.00	93.00	..	41.90	41.90
4. Processing and manufacture not elsewhere classified .. .. .	..	20.00	20.00	..	5.00	5.00
5. Construction and utilities .. .. .	..	0.20	0.20	..	..	..
6. Commerce (trade and finance)	6.50	37.49	43.99	40.00	1.05	41.05
7. Transport, communication services .. ..	..	2.00	2.00	..	15.00	15.00
8. Community and business services	50.00	1.00	51.00	..	7.00	7.00
9. Personal and other services .. .. .	..	14.00	14.00	..	..	..
Total ..	56.50	194.69	251.19	40.00	141.95	181.95

VIII. ELECTRICITY.

GENERATION, CONSUMPTION AND RURAL ELECTRIFICATION.

During the quarter ended December 1978, the generation of electricity was 1,666, million units as against 1,852 million units in the previous quarter.

The total consumption of electricity decreased from 2,071 million units during the quarter ended June 1978 to 2,172 million units during the quarter ended September 1978.

During the quarter ended September 1978, 3 villages and hamlets were electrified and 5,247 agricultural pumpsets were energised.

ELECTRICITY GENERATED.

Serial number and name of the Power House.

		<i>Units generated during the quarter ended.</i>	
		<i>September 1978.</i>	<i>December 1978.</i>
(1)		(2)	(3)
1	Pykara	88,334,000	95,127,400
2	Moyar	37,841,000	38,647,400
3	Mettur	72,538,100	43,488,420
4	Mettur Tunnel	367,325,000	180,412,000
5	Papanasam	34,063,800	33,344,000
6	Periyar	140,366,000	197,826,667
7	Kundah I	33,475,000	43,318,000
8	Kundah II	82,291,000	121,181,000
9	Kundah III	54,206,500	84,172,500
10	Kundah IV	63,547,000	40,574,700
11	Kundah V	17,344,000	20,953,000
12	Sarkarpathy	40,526,100	30,391,700
13	Aliyar	78,789,000	52,773,000
14	Kodayar I	50,514,000	33,638,000
15	Kodayar II	21,664,000	26,941,000
16	Suruliyar .. .. .	..	39,480,000
17	Sholayar I	130,086,600	62,433,600
18	Sholayar II	30,675,000	30,540,000
19	MES/Gen.	90,820,410	78,112,230
20	Ennore	418,744,000	413,090,000
	Total ..	<u>1,852,251,610</u>	<u>1,666,444,617</u>

ELECTRICITY GENERATED—cont.

Serial number and name of the Power House.	Used on Auxillaries during the quarter ended.		Net units sent out during the quarter ended.	
	September 1978.	December 1978.	September 1978.	December 1978.
	(5)	(6)	(7)	(8)
1 Pykara	271,537	285,760	88,163,263	94,841,640
2 Moyar	129,263	131,082	37,711,737	38,516,318
3 Mettur	473,295	339,795	72,064,805	43,148,625
4 Mettur Tunnel	510,290	276,570	366,814,710	180,135,430
5 Papanasam	140,900	157,600	33,922,900	33,186,400
6 Periyar	602,454	726,343	139,763,546	197,100,324
7 Kundah I	75,300	79,700	33,399,700	43,238,300
8 Kundah II	161,700	159,300	82,129,300	121,021,700
9 Kundah III	195,300	215,100	54,011,200	83,957,400
10 Kundah IV	3,802	3,120	62,543,498	40,571,580
11 Kundah V	46,960	50,000	17,297,040	20,903,000
12 Sarkarpathy	73,834	17,084	40,452,266	30,374,616
13 Aliyar	159,850	129,950	78,629,150	52,643,050
14 Kodayar I	182,630	105,320	50,331,370	33,532,680
15 Kodayar II	52,538	54,426	21,611,462	26,886,574
16 Suruliyar .. .. .	..	118,530	..	39,361,470
17 Sholayar I	169,014	98,358	129,917,586	62,335,242
18 Sholayar II	52,490	63,700	30,622,510	30,476,300
19 MES/Gen.	13,417,840	12,011,200	77,402,570	66,101,030
20 Ennore	57,071,100	61,719,300	361,672,900	351,370,700
Total	73,790,097	76,742,238	1778,461,513	1589,562,379

POWER PURCHASED DETAILS(IN MU).

Serial number and source.	Importing during the quarter ended.		Export during the quarter ended.	
	September 1978.	December 1978.	September 1978.	December 1978.
(1)	(2)	(3)	(4)	(5)
1 Neyveli Lignite Corporation	411·517	395·614	..	..
2 Kerala State Electricity Board]	262·497	392·354	..	..
3 Andhra Pradesh Electricity Board	33·016	38·415	32·985	30·994
4 Karnataka	40·422	32·072	33·570	45·070
5 Madras Refineries	2·625	3·806	..	..
Total ..	750·077	862·261	66·555	76·067
Net	786·197	683·522		

Total Generation plus Power Purchase (in M.U.).

During the Quarter ended—September 1978. 2461·984

During the Quarter ended—December 1978. 2375·899

CONSUMPTION OF ELECTRICITY (IN M.U.).

Serial number and category.	(Provisional)	
	During the quarter ended September 1978.	During the quarter ended June 1978.
(1)	(2)	(3)
1 Domestic-	162·799	151·162
2 Commercial-	138·268	134·040
3 Industrial	1070·170	998·561
4 Public Lighting	21·788	19·669
5 Agriculture	593·426	595·566
6 Water works-	15·280	16·770
7 Sales to licensees	45·920	41·631
8 Sales to other States	90·564	79·534
9 Miscellaneous	34·152	34·171
Total ..	2172·367	2071·104

RURAL ELECTRIFICATION.

Serial number and particulars.	As on 31st September 1978.	During 1st September 1978 to 31st December 1978.	As on 31st December 1978.
(1)	(2)	(3)	(4)
1 Number of towns, villages, hamlets electrified ..	63,367	3	63,360
2 Number of Pumpsets connected	8,20,732	5,247	8,25,969

IX. HOUSING.

CONSTRUCTION ACTIVITY OF TAMIL NADU HOUSING BOARD.

The total number of houses/flats/apartments/tenements under construction by the Tamil Nadu Housing Board under different housing schemes during the quarter ended September 1978 was higher at 7,438 as against 6,968 during the previous quarter. During the quarter under review 1,126 houses/flats/apartments/tenements were completed. Since inception of the scheme (i.e.) from 21st April 1961 upto quarter ended September 1978.

Number of Houses/Flats/Tenements/Apartments constructed by Tamil Nadu Housing Board.

<i>Serial number and scheme.</i>	<i>Number of houses/flats/ tenements/apartments.</i>	
	<i>Completed since 21st April 1961 to quarter ended September 1978.</i>	<i>Under construction during quarter ended September 1978.</i>
(1)	(2)	(3)
1 Low Income Group Housing	10,055	4,053
2 Middle Income Group Housing	6,437	1,484
3 Tamil Nadu Government Rental Housing	8,964	1,393
4 Subsidised Industrial Housing	2,494	..
5 Slum Improvements/Clearance	14,074	..
6 Deposit works .. .. .	..	..
7 Special Low cost Housing scheme/EWS	7,725	508
8 Ancillary .. .. .	..	..
Total ..	49,749	7,438

CONSTRUCTION ACTIVITY OF THE TAMIL NADU SLUM CLEARANCE BOARD.

As at end of September 1978 construction of 1,125 houses/flats/apartments/tenements was in progress under slum improvements/clearance scheme by Tamil Nadu Slum Clearance Board. 726 houses/flats/apartments/tenements were completed during the current quarter.

Since inception (i.e.) September 1970 upto the quarter ended September 1978 houses/flats/apartments/tenements numbering 23,383 were completed.

HOUSES/FLATS/TENEMENTS/APARTMENTS CONSTRUCTED BY TAMIL NADU SLUM CLEARANCE BOARD.

<i>Serial number and name of the scheme.</i>	<i>Number of houses/flats/ tenements/apartments.</i>	
	<i>Completed since inception (September 1970 to September 1978).</i>	<i>Under construction (During quarter ended September 1978).</i>
(1)	(2)	(3)
1. Slum improvements/Clearance	23,383	1,125

BUILDING APPLICATIONS SANCTIONED BY THE CORPORATION OF MADRAS.

During the quarter ended September 1978 number of permits sanctioned for construction of buildings in Madras city by the Corporation of Madras rose to 1,229 from 1,149 during the corresponding quarter in 1977.

NUMBER OF PERMITS SANCTIONED FOR CONSTRUCTION OF BUILDINGS IN PUBLIC AND PRIVATE SECTORS IN MADRAS CITY DURING THE QUARTER ENDED SEPTEMBER 1978.

<i>Serial number and month.</i>		<i>Year.</i>	
		1977.	1978.
	(1)	(2)	(3)
1 July	.. .. .	423	399
2 August	.. .. .	275	414
3 September	.. .. .	451	416
	Total ..	1,149	1,229



INDEX NUMBER OF BUILDING COST IN MADRAS CITY.

The index number of building cost in Madras City for the quarter ended September 1 978 rose by 19 points as compared to quarter ended June 1978. This was due to rise in the prices of all building materials except electrical fittings together with a rise in the wages of building labour and other charges contributed to the upward trend in the index.

INDEX NUMBER OF BUILDING COST IN MADRAS CITY FOR THE QUARTER ENDED SEPTEMBER 1978.

(Base : 1971-72=100).

Serial number and group.	Weightage proportional to the total cost.	Group Index for the quarter ended	
		June 1978.	September 1978.
(1)	(2)	(3)	(4)
1 Building materials	67.25	182.33	199.38
2 Building labour	16.82	226.01	260.99
3 Other charges	15.93	179.09	186.65
Index Number of Building Cost in Madras City ..	100.00	189.161	207.715

X. TRANSPORT.**NEW REGISTRATION OF MOTOR VEHICLES.**

During the quarter ended September 1978 the total number of newly registered motor vehicles in Tamil Nadu was 8,009 as against 7,082 during the previous quarter.

The new registration of all types of vehicles except jeeps and station wagons and other types of vehicles had increased during the quarter ended September 1978.

10.1. REGISTRATION OF MOTOR VEHICLES.

<i>Category of vehicles.</i>	<i>Quarter ended June 1978.</i>	<i>Quarter ended September 1978.</i>
(1)	(2)	(3)
Motor Cycles, Scooters and Mopeds	5,431	4,658
Private Cars	959	701
Jeeps and Station Wagons	83	224
Taxis	95	55
Other Contract Carriages (Avtos)	187	81
Buses	353	289
Goods vehicles	451	437
Others	450	637
Total ..	8,009	7,082

XI. PRICES.

WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU.

When compared with the monthly average wholesale prices that prevailed in September 1978, the monthly average wholesale prices of the following commodities declined in December 1978.

Paddy I sort (7.7 per cent) Paddy II Sort (1.3 per cent), Ragi (5.1 per cent), Redgram Dhall (5.5 per cent), Turmeric (6.9 per cent), Pepper (2.5 per cent), Cane Jaggery (4.8 per cent), Sugar (12.6 per cent) Castor seeds (4.5 per cent), Coconut (unhusked), 8.2 per cent, Coconut oil (5.9 per cent), Ghee ungrade (1.3 per cent), Cashewnuts (0.8 per cent) and Arecanut (husked) (10.8 per cent).

When compared with the monthly average wholesale prices that prevailed in September 1978, the monthly average wholesale prices of the following commodities increased in December 1978.

Rice I sort (3.4 per cent), Rice II sort (4.5 per cent), Wheat (2.2 per cent), Cholam (3.5 per cent) Cumbu (1.3 per cent), Chillies (24.3 per cent), Palm Jaggery (19.9 per cent), Groundnut withshell (10.7 per cent), Groundnut without shell (0.9 per cent), Gingelly seeds (14.0 per cent), Gingely Oil (9.6 per cent), Groundnut oil (2.7 per cent), Cotton seeds (7.0 per cent), Cotton lint (14.0 per cent), Tobacco (10.2 per cent), Tanned Cow hides (26.3 per cent), Tanned Goat Skins (3.1 per cent) and Tanned Sheep skins (6.0 per cent).

When compared with the monthly average wholesale price that prevailed in September 1978, the monthly average wholesale price of Coir Yarn ruled steady.



MONTHLY AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU.

Serial number and Commodity.						Unit.	January 1978.	February 1978.	March 1978.
(1)						(2)	(3)	(4)	(5)
1	Paddy—I Sort	..	..	..	..	Quintal.	96.93	95.33	94.16
2	Paddy—II Sort	..	..	..	..	Do.	94.89	94.91	94.54
3	Rice—I Sort	..	..	..	..	Do.	173.84	163.83	155.66
4	Rice—II Sort	..	..	..	..	Do.	163.90	154.60	147.78
5	Wheat	..	..	..	..	Do.	200.00	187.44	183.68
6	Cholam	..	..	..	..	Do.	119.97	116.85	117.24
7	Cumbu	..	..	..	..	Do.	121.79	120.18	120.51
8	Ragi	..	..	..	..	Do.	110.42	106.88	102.03
9	Redgram Dhall	..	..	..	..	Do.	439.96	430.34	443.28
10	Turmeric	..	..	..	..	Do.	839.43	743.52	700.32
11	Chillies	..	..	..	..	Do.	835.64	785.26	717.70
12	Pepper	..	..	..	..	Do.	1,932.50	1,846.25	1,818.00
13	Cane Jaggery	..	..	..	..	Do.	144.37	127.82	127.35
14	Palm Jaggery	..	..	..	..	Do.	216.83	194.22	202.23
15	Sugar	..	..	..	..	Do.	355.50	311.42	348.46
16	Groundnut (with shell)	..	..	..	..	Do.	257.12	232.17	236.98
17	Groundnut (without shell)	..	..	..	..	Do.	351.81	331.92	318.04
18	Gingelly Seeds	..	..	..	..	Do.	431.17	421.13	421.35
19	Caster Seeds	..	..	..	..	Do.	236.66	212.22	206.67
20	Coconut (Unhusked)	..	..	..	..	1,000 Nuts.	1,300.00	1,162.50	1,090.00
21	Gingelly Oil	..	..	..	..	10 Kg.	88.28	86.99	88.60
22	Groundnut Oil	..	..	..	..	Do.	78.81	73.33	71.46
23	Coconut Oil	..	..	..	..	Do.	122.16	114.52	112.19
24	Ghee (Ungraded)	..	..	..	..	Quintal	1,921.88	1,875.00	1,875.00
25	Cashew-nuts	..	..	..	..	Do.	787.50	708.50	524.00
26	Arceanut (husked)	..	..	..	..	Do.	1,006.44	1,074.12	1,037.66
27	Cotton Lint	..	..	..	..	Do.	1,440.09	1,341.09	1,369.46
28	Tobacco	..	..	..	..	Do.	848.98	817.21	809.41
29	Coir Yarn	..	..	..	..	Do.	237.29	236.46	236.67
30	Cotton Seeds	..	..	..	..	Do.	159.25	159.40	152.02
31	Tanned Cow Hides	..	..	..	..	Kgs.	17.85	17.88	16.72
32	Tanned Goat Skins	..	..	..	..	Do.	81.37	85.80	85.80
33	Tanned Sheep Skins	..	..	..	..	Do.	97.53	97.53	97.53

MONTHLY AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU—*cont.*

Serial number and Commodity.						Unit.	April 1978.	May 1978.	June 197 8.
							(6)	(7)	(8)
1	Paddy—I Sort	..	..	..	..	Quintal.	92.03	95.81	102.41
2	Paddy—II Sort	..	..	..	..	Do.	93.51	94.71	100.62
3	Rice—I Sort	..	..	..	..	Do.	154.57	156.21	162.73
4	Rice—II Sort	..	..	..	..	Do.	146.10	145.38	153.03
5	Wheat	..	..	..	..	Do.	170.56	166.38	163.45
6	Cholam	..	..	..	..	Do.	113.54	109.05	101.25
7	Cumbu	..	..	..	..	Do.	118.57	109.00	96.93
8	Ragi	..	..	..	..	Do.	91.35	88.18	87.98
9	Redgram Dhall	..	..	..	..	Do.	451.27	451.67	460.17
10	Turmeric	..	..	..	..	Do.	723.26	741.91	843.28
11	Chillies	..	..	..	..	Do.	669.50	632.30	634.92
12	Pepper	..	..	..	..	Do.	1,987.50	1,971.25	2,019.00
13	Cane Jaggery	..	..	..	..	Do.	124.43	122.84	134.46
14	Palm Jaggery	..	..	..	..	Do.	194.77	180.17	181.86
15	Sugar	..	..	..	..	Do.	340.18	322.43	335.89
16	Ground-nut (with shell)	..	..	..	..	Do.	205.55	216.29	207.19
17	Ground-nut (without shell)	..	..	..	..	Do.	291.51	295.62	300.35
18	Gingelly Seeds	..	..	..	..	Do.	410.44	370.22	340.24
19	Caster Seeds	..	..	..	..	Do.	198.47	197.44	196.48
20	Coconut (Unhusked)	..	..	..	..	1000 Nuts.	1,025.00	825.00	920.00
21	Gingelly Oil	..	..	..	..	10 Kg.	88.09	81.05	71.88
22	Ground-nut Oil.	..	..	..	..	Do.	63.19	64.20	64.60
23	Coconut Oil	..	..	..	..	Do.	112.54	114.79	122.55
24	Ghee (Ungraded)	..	..	..	..	Quintal.	1,875.00	2,031.25	2,101.25
25	Cashew-nuts	..	..	..	..	Do.	657.71	662.29	547.50
26	Arecanut (husked)	..	..	..	..	Do.	1,120.12	1,303.87	1,332.22
27	Cotton Lint	..	..	..	..	Do.	1,313.51	1,260.23	1,221.74
28	Tobacco	..	..	..	..	Do.	780.47	773.43	755.90
29	Coir Yarn	..	..	..	..	Do.	236.67	241.25	243.33
30	Cotton Seeds	..	..	..	..	Do.	148.80	142.32	129.67
31	Tanned Cow Hids	..	..	..	..	Kg.	16.78	18.01	17.71
32	Tanned Goat Skins	..	..	..	..	Do.	85.80	85.80	88.44
33	Tanned Sheep Skins	..	..	..	..	Do.	97.53	103.58	111.76

MONTHLY AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU—*cont.*

Serial number and Commodity.						Unit.	July 1978.	August 1978.	September 1978.
							(9)	(10)	(11)
1	Paddy—I Sort	..	..	..	..	Quintal.	107.62	114.03	112.25
2	Paddy—II Sort	..	..	..	..	Do.	105.75	109.78	106.45
3	Rice—I Sort	..	..	..	..	Do.	168.25	177.67	177.08
4	Rice—II Sort	..	..	..	..	Do.	159.00	166.70	164.28
5	Wheat	..	..	..	..	Do.	162.05	161.00	167.65
6	Cholam	..	..	..	..	Do.	91.41	86.18	84.06
7	Cumbu	..	..	..	..	Do.	90.60	83.44	80.68
8	Ragi	..	..	..	..	Do.	89.72	90.69	88.64
9	Redgram Dhall	..	..	..	..	Do.	462.92	461.97	491.14
10	Turmeric	..	..	..	..	Do.	893.25	915.72	877.00
11	Chillies	..	..	..	..	Do.	662.63	669.43	716.22
12	Pepper	..	..	..	..	Do.	2,077.50	2,010.00	2,010.00
13	Cane Jaggery	..	..	..	..	Do.	133.00	139.56	147.69
14	Palm Jaggery	..	..	..	..	Do.	187.32	187.92	194.27
15	Sugar	..	..	..	..	Do.	319.64	293.29	243.89
16	Ground-nut (with shell)	..	..	..	..	Do.	207.05	204.44	203.02
17	Ground-nut (without shell)	..	..	..	..	Do.	301.29	303.01	300.14
18	Gingelly Seeds	..	..	..	..	Do.	316.98	308.08	317.49
19	Castor Seeds	..	..	..	..	Do.	198.36	200.97	201.90
20	Coconut (Unhusked)	..	..	..	..	1000 Nuts.	1012.50	1,187.50	1,220.00
21	Gingelly Oil	..	..	..	..	10 Kg.	69.67	68.03	68.39
22	Ground-nut Oil.	..	..	..	..	Do.	65.90	66.12	66.79
23	Coconut Oil	..	..	..	..	Do.	125.76	127.27	137.28
24	Ghee (Ungraded)	..	..	..	..	Quintal	2,112.50	2,112.50	2,125.00
25	Cashew-nuts	..	..	..	..	Do.	626.91	607.75	610.00
26	Arecanut (husked)	..	..	..	..	Do.	1,104.01	1,111.70	1,066.95
27	Cotton Lint	..	..	..	..	Do.	1,272.61	1,225.69	1,226.92
28	Tobacco	..	..	..	..	Do.	747.46	715.65	716.15
29	Coir Yarn	..	..	..	..	Do.	243.33	243.33	243.33
30	Cotton Seeds	..	..	..	..	Do.	127.72	122.07	119.38
31	Tanned Cow Hides	..	..	..	..	Kg.	17.05	17.46	17.82
32	Tanned Goat Skins	..	..	..	..	Do.	90.20	93.50	95.70
33	Tanned Sheep Skins	..	..	..	..	Do.	122.47	125.77	127.60

MONTHLY AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU— cont.

Serial number and Commodity.						Unit.	October 1978.	November 1978.	December 1978.
							(12)	(13)	(14)
1	Paddy I Sort	..	..	..	..	Quintal.	113.86	111.81	102.61
2	Paddy II Sort	..	..	..	..	Do.	104.29	101.74	105.03
3	Rice I Sort	..	..	..	..	Do.	183.80	192.30	183.08
4	Rice II Sort	..	..	..	..	Do.	165.96	171.44	171.68
5	Wheat	..	..	..	..	Do.	170.13	171.87	171.40
6	Cholam	..	..	..	..	Do.	85.43	87.13	87.01
7	Cumbu	..	..	..	..	Do.	81.31	81.17	81.70
8	Ragi	..	..	..	..	Do.	86.43	85.76	84.14
9	Redgram Dhall	..	..	..	..	Do.	514.68	513.93	464.25
10	Turmeric	..	..	..	..	Do.	872.75	859.75	816.80
11	Chillies	..	..	..	..	Do.	883.03	943.01	890.27
12	Pepper	..	..	..	..	Do.	2,037.50	2,030.00	1,969.00
13	Cane Jaggery	..	..	..	..	Do.	147.53	150.99	140.59
14	Palm Jaggery	..	..	..	..	Do.	213.83	226.03	232.85
15	Sugar	..	..	..	..	Do.	228.68	219.46	213.06
16	Ground-nut (With shell)	..	..	..	..	Do.	227.27	220.09	224.83
17	Ground-nut (Without shell)	..	..	..	..	Do.	307.65	296.55	302.74
18	Gingelly Seeds	..	..	..	..	Do.	344.13	350.02	361.91
19	Caster Seeds	..	..	..	..	Do.	203.77	205.00	192.80
20	Coconut (Unhusked)	..	..	..	..	1,000 Nuts.	1,137.50	1,062.50	1,120.00
21	Gingelly Oil	..	..	..	..	10 Kg.	74.13	74.68	74.98
22	Ground-nut Oil	..	..	..	..	Do.	68.39	66.98	68.58
23	Coconut Oil	..	..	..	..	Do.	140.71	139.40	129.18
24	Ghee (Ungraded)	..	..	..	..	Quintal.	2,125.00	2,122.13	2,097.50
25	Cashew-nuts	..	..	..	..	Do.	607.03	577.34	605.00
26	Arecanuts (Husked)	..	..	..	..	Do.	1,066.07	1,031.59	952.09
27	Cotton Lint	..	..	..	..	Do.	1,223.90	1,216.74	1,398.76
28	Tobacco	..	..	..	..	Do.	721.69	786.85	788.90
29	Coir Yarn	..	..	..	..	Do.	243.33	243.33	243.33
30	Cotton Seeds	..	..	..	..	Do.	121.36	123.47	127.73
31	Tanned Cow Hides	..	..	..	..	Kg.	19.66	21.04	22.50
32	Tanned Goat Skins	..	..	..	..	Do.	95.92	96.07	98.71
33	Tanned Sheep Skins	..	..	..	..	Do.	130.53	133.47	135.23

**ANNUAL AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU
FROM 1972-73 TO 1977-78.**

<i>Serial number and Commodities.</i>						<i>Unit.</i>	<i>1972-73.</i>	<i>1973-74.</i>	<i>1974-75.</i>
(1)						(2)	(3)	(4)	(5)
1	Paddy I Sort	..	..	..	..	Quintal	77.83	82.77	155.76
2	Paddy II Sort	..	..	..	..	Do.	66.95	78.65	154.12
3	Rice I Sort	..	..	..	..	Do.	133.75	143.53	272.65
4	Rice II Sort	..	..	..	..	Do.	107.97	123.54	243.24
5	Wheat	..	..	..	..	Do.	115.72	208.23	238.11
6	Cholam	..	..	..	..	Do.	76.74	88.37	190.16
7	Cumbu	..	..	..	..	Do.	68.28	85.94	177.21
8	Ragi	..	..	..	..	Do.	71.05	84.48	171.59
9	Redgram Dhall	..	..	..	..	Do.	199.53	229.00	310.22
10	Turmeric	..	..	..	..	Do.	267.21	455.12	437.65
11	Chillies	..	..	..	..	Do.	321.78	456.09	619.59
12	Pepper	..	..	..	..	Do.	635.62	819.96	1,240.43
13	Cane Jaggery	..	..	..	..	Do.	145.39	148.86	156.59
14	Palm Jaggery	..	..	..	..	Do.	206.01	178.22	207.55
15	Sugar	..	..	..	..	Do.	324.64	357.07	442.47
16	Groundnut (With shell)	..	..	..	..	Do.	153.32	228.20	248.90
17	Groundnut (Without shell)	..	..	..	..	Do.	219.75	354.03	343.77
18	Gingelly Seeds	..	..	..	..	Do.	271.82	356.77	398.06
19	Castor Seeds	..	..	..	..	Do.	162.79	253.35	222.50
20	Coconut (Unhusked)	..	..	..	..	1,000 Nuts	583.75	1,050.69	1,116.42
21	Gingelly Oil	..	..	..	..	10 Kg.	58.68	78.58	86.59
22	Groundnut Oil	..	..	..	..	Do.	47.29	74.37	75.93
23	Coconut Oil	..	..	..	..	Do.	58.90	104.93	114.88
24	Ghee (Ungraded)	..	..	..	..	Quintal	1,231.36	1,626.19	1,797.40
25	Cashewnuts	..	..	..	..	Do.	200.87	318.74	306.70
26	Arecanuts (Unhusked)	..	..	..	..	Do.	588.86	658.38	745.59
27	Cotton Seeds	..	..	..	..	Do.	78.46	138.26	140.62
28	Cotton Lint	..	..	..	..	Do.	616.77	796.24	1,019.84
29	Tobacco	..	..	..	..	Do.	638.93	590.85	667.25
30	Coir Yarn	..	..	..	..	Do.	133.70	153.79	197.46
31	Tanned Cow Hides	..	..	..	..	Kg.	12.77	14.82	11.94
32	Tanned Goat Skins	..	..	..	..	Do.	56.04	52.27	50.16
33	Tanned Sheep Skins	..	..	..	..	Do.	69.51	63.90	62.82

**ANNUAL AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU
FROM 1972-73 TO 1977-78— cont.**

<i>Serial number and Commodities.</i>						<i>Unit.</i>	1975-76	1976-77	1977-78
							(7)	(8)	(9)
1	Paddy I Sort	..	..	..	..	Quintal	146.83	110.95	110.00
2	Paddy II Sort	..	..	..	..	Do.	137.78	103.34	103.63
3	Rice I Sort	..	..	..	..	Do.	249.88	182.93	185.94
4	Rice II Sort	..	..	..	..	Do.	225.94	169.45	171.64
5	Wheat	..	..	..	..	Do.	216.94	188.93	179.59
6	Cholam	..	..	..	..	Do.	151.82	127.15	122.04
7	Cumbu	..	..	..	..	Do.	152.81	119.00	118.01
8	Ragi	..	..	..	..	Do.	136.32	107.32	111.13
9	Redgram Dhall	..	..	..	..	Do.	254.87	242.98	400.02
10	Turmeric	..	..	..	..	Do.	336.78	428.89	760.30
11	Chillies	..	..	..	..	Do.	1,230.80	636.99	731.34
12	Pepper	..	..	..	..	Do.	1,328.94	1,763.75	1,917.36
13	Cane Jaggery	..	..	..	..	Do.	226.42	211.39	166.13
14	Palm Jaggery	..	..	..	..	Do.	272.59	267.79	223.47
15	Sugar	..	..	..	..	Do.	436.97	455.06	379.88
16	Groundnut (with shell)	..	..	..	..	Do.	185.51	216.86	273.29
17	Groundnut (without shell)	..	..	..	..	Do.	291.58	317.06	373.30
18	Gingelly Seeds	..	..	..	..	Do.	346.70	397.68	408.89
19	Castor Seeds	..	..	..	..	Do.	153.17	231.39	252.17
20	Coconut (unhusked)	..	..	..	..	1,000 Nuts	913.46	1,091.73	1,087.17
21	Gingelly Oil	..	..	..	..	10 Kg.	77.46	84.60	88.58
22	Groundnut Oil	..	..	..	..	10 Kg.	65.14	71.32	81.83
23	Coconut Oil	..	..	..	..	10 Kg.	84.88	109.92	112.68
24	Ghee (ungraded)	..	..	..	..	Quintal	1,769.43	1,850.44	1,783.61
25	Cashewnuts	..	..	..	..	Do.	312.47	425.99	763.31
26	Arecanuts (husked)	..	..	..	..	Do.	812.66	975.10	1,046.49
27	Cotton Seeds	..	..	..	..	Do.	136.47	148.32	158.99
27	Cotton Lint	..	..	..	..	Do.	894.11	1,217.23	1,330.05
29	Tobacco	..	..	..	..	Do.	951.19	927.83	837.60
30	Coir Yarn	..	..	..	..	Do.	208.44	215.38	230.07
31	Tanned Cow Hides	..	..	..	..	Kg.	14.06	18.54	16.91
32	Tanned Goat Skins	..	..	..	..	Do.	72.80	80.83	74.16
33	Tanned Sheep Skins	..	..	..	..	Do.	86.16	103.63	96.43

RETAIL PRICES OF SELECTED COMMODITIES IN TAMIL NADU.

When compared with the average retail prices that prevailed during the last month of previous quarter (i.e. September 1978, the average retail prices for the month of December 1978 recorded a downward trend for the following commodities.

Cumbu (2.1 per cent), Ragi (5.7 per cent), redgramdhall (2.3 per cent), pepper (1.1 per cent), turmeric (4.00 per cent), Cane Jaggery (5.2 per cent), Sugar (13.2 per cent), Salt (9.1 per cent), Coriander (16.1 per cent), Coconut -husked (11.9 per cent), Ghee-Agmark (8.5 per cent), Coconut oil 3.6 per cent and arecanut-husked (7.3 per cent.)

The average retail prices showed an upward trend during the month of December 1978 compared to the average prices for the month of September 1978 in respect of the following commodities.

Rice I sort (8.4 per cent), Rice II sort (40 per cent), Wheat (2.7 per cent), Cholam (1.0 per cent), Chillies (24.6 per cent), Palm Jaggery (14.5 per cent), Gingelly oil (8.2 per cent), Cotton seed (9.0 per cent) and tobacco (3.0 per cent).

The average retail prices of coir-yarn remained unchanged during the quarter under review.



MONTHLY AVERAGE RETAIL PRICES IN TAMIL NADU.

Serial number and Commodity.		Unit.	January 1978.	February 1978.	March 1978.	April 1978.	May 1978.	June 1978.
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Rice I Sort	Quintal	188·00	179·00	170·00	168·00	171·00	176·00
2	Rice II Sort	Quintal	169·00	168·00	159·00	158·00	157·00	163·00
3	Wheat	Quintal	213·00	202·00	203·00	196·00	193·00	185·00
4	Cholam	Quintal	130·00	125·00	127·00	124·00	119·00	114·00
5	Cumbu	Quintal	128·00	125·00	124·00	122·00	116·00	108·00
6	Ragi	Quintal	123·00	120·00	118·00	111·00	107·00	104·00
7	Redgram dhal	Kg.	4·85	4·73	4·81	4·83	4·84	4·92
8	Chillies	Quintal	1,010·00	951·00	858·00	794·00	751·00	741·00
9	Pepper	Quintal	2,233·00	2,333·00	2,200·00	2,250·00	2,300·00	2,300·00
10	Turmeric	Quintal	983·00	898·00	831·00	849·00	864·00	954·00
11	Cane Jaggery	Quintal	170·00	157·00	166·00	152·00	162·00	160·00
12	Palm Jaggery	Quintal	242·00	227·00	247·00	252·00	238·00	234·00
13	Sugar	Kg.	3·68	3·26	3·60	3·56	3·36	3·44
14	Salt	Kg.	0·24	0·25	0·24	0·24	0·23	0·22
15	Coriander	Quintal	613·00	499·00	524·00	523·00	493·00	455·00
16	Coconut (husked)	100 nuts	114·00	111·00	112·00	103·00	103·00	105·00
17	Ghee (Agmark)	Kg.	24·00	22·25	22·40	23·00	23·63	24·00
18	Coir Yarn	Quintal	270·00	271·00	250·00	250·00	260·00	260·00
19	Coconut Oil	Kg.	13·42	12·55	12·23	12·27	12·28	12·90
20	Gingelly oil	Kg.	9·39	9·26	9·24	9·20	8·61	7·77
21	Cotton seed	Quintal	165·00	169·00	165·00	161·00	155·00	142·00
22	Areca nut (husked)	Quintal	1,538·00	1,525·00	1,525·00	1,525·00	1,575·00	1,605·00
23	Tobacco	Quintal	1,044·00	1,022·00	950·00	950·00	919·00	850·00

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MONTHLY AVERAGE RETAIL PRICES IN TAMIL NADU—*cont.*

<i>Serial number and Commodity.</i>	<i>Unit.</i>	<i>July 1978.</i>	<i>August 1978.</i>	<i>September 1978.</i>	<i>October 1978.</i>	<i>November 1978.</i>	<i>December 1978.</i>
(1)	(2)	(9)	(10)	(11)	(12)	(13)	(14)
1 Rice I Sort	Quintal	181·00	190·00	190·00	197·00	209·00	206·00
2 Rice II Sort	Quintal	167·00	177·00	174·00	176·00	183·00	181·00
3 Wheat	Quintal	182·00	184·00	187·00	192·00	193·00	192·00
4 Cholan	Quintal	102·00	98·00	97·00	97·00	98·00	98·00
5 Cumbu	Quintal	102·00	103·00	96·00	95·00	93·00	94·00
6 Ragi	Quintal	104·00	105·00	105·00	101·00	101·00	99·00
7 Redgram dhall	Kg.	5·04	5·02	5·32	5·82	5·72	5·20
8 Chillies	Quintal	742·00	752·00	798·00	965·00	1,007·00	994·00
9 Pepper	Quintal	2,300·00	2,250·00	2,200·00	2,200·00	2,200·00	2,175·00
10 Turmeric	Quintal	1,010·00	1,050·00	1,000·00	975·00	1,050·00	960·00
11 Cane Jaggery	Quintal	157·00	164·00	172·00	169·00	172·00	163·00
12 Palm Jaggery	Quintal	222·00	211·00	221·00	240·00	250·00	253·00
13 Sugar	Kg.	3·32	3·06	2·57	2·40	2·30	2·23
14 Salt	Kg.	0·22	0·22	0·22	0·22	0·21	0·20
15 Coriander	Quintal	421·00	381·00	379·00	373·00	350·00	318·00
16 Coconut (husked)	100 nuts	127·00	121·00	126·00	137·00	126·00	111·00
17 Ghee (Agmark)	Kg.	24·25	25·25	26·00	26·00	25·20	23·80
18 Coir Yarn	Quintal	260·00	260·00	260·00	260·00	260·00	260·00
19 Coconut oil	Kg.	13·36	13·58	14·45	14·85	14·08	13·93
20 Gingelly oil	Kg.	7·40	7·30	7·28	7·75	8·02	7·88
21 Cotton seed	Quintal	140·00	136·00	133·00	136·00	137·00	145·00
22 Arecanut (husked)	Quintal	1,875·00	1,888·00	1,910·00	1,950·00	1,925·00	1,770·00
23 Tobacco	Quintal	871·00	900·00	938·00	950·00	963·00	966·00

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ANNUAL AVERAGE RETAIL PRICES IN TAMIL NADU.

Serial number and commodity.	Unit.	1972-73.	1973-74.	1974-75.	1975-76.	1976-77.	1977-78.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Rice I Sort ..	Quintal.	145.86	155.44	293.60	279.55	187.00	199.00
2. Rice II Sort ..	Do.	115.22	122.86	267.68	243.51	180.00	182.00
3. Wheat ..	Do.	187.00	309.75	315.45	269.48	204.00	200.00
4. Cholam ..	Do.	87.98	95.79	203.40	170.28	136.00	131.00
5. Cumbu ..	Do.	82.36	94.53	191.30	159.45	127.00	125.00
6. Ragi ..	Do.	81.15	95.79	189.11	155.81	119.00	123.00
7. Redgram Dhall	Kg.	2.44	2.59	3.44	2.83	2.72	4.34
8. Chillies ..	Quintal	364.61	485.09	737.66	1,303.77	727.00	845.00
9. Pepper ..	Do.	759.09	807.00	1,217.50	1,382.61	2,010.00	2,288.00
10. Turmeric ..	Do.	353.18	508.04	478.86	427.95	494.00	849.00
11. Cane Jaggery ..	Do.	165.17	168.13	176.46	245.51	237.00	193.00
12. Sugar ..	Kg.	3.58	3.70	4.58	4.58	4.66	3.93
13. Salt ..	Do.	0.12	0.12	0.15	0.16	0.16	0.19
14. Coriander ..	Quintal	274.46	300.22	379.77	449.35	710.00	671.00
15. Coconut (Unhusked).	1000 Nuts.	580.00	1,175.00	1,300.00	814.90**	1,030.00**	1,030.00**
16. Ghee (Agmark)	Kg.	14.50	18.10	18.95	20.78	22.71	22.10
17. Palm Jaggery ..	Quintal.	255.73	207.81	236.88	319.15	318.00	251.00
18. Coir yarn ..	Do.	145.50	155.94	221.79	244.57	232.00	273.00
19. Coconut oil ..	Kg.	7.50	11.70	12.99	9.47	12.14	12.38
20. Gingelly oil ..	Do.	6.44	8.39	9.15	8.22	8.93	9.40
21. Cotton seed ..	Quintal.	97.92	145.55	155.56	141.93	155.00	171.00
22. Arecanut (Unhusked).	1000 Nuts.	N.T.	130.00	N.T.	712.50*(-)	712.00*(-)**	1,525.00**
23. Tobacco ..	Quintal.	619.83	530.50	597.16	1,117.70	1,163.00	952.00

(-) = Per Quintal. ** = Husked.

**INDEX NUMBERS OF WHOLESALE PRICES OF FOOD-GRAINS AND COMMERCIAL PRODUCTS IN
TAMIL NADU.**

(Base : Prices on 21st August 1939=100).

During the quarter ended December 1978, the index number of wholesale prices of food grain and commercial products appreciated. As compared with the index for the September 1978 the index number of wholesale prices of foodgrains increased by 44 points from 1597 in September 1978 to 1641 in December 1978 or by 2.8 per cent owing to an increase in the prices of rice I and II, sorts, samba, wheat, cholam and cumbu.

The index number of wholesale prices of Commercial products too moved up by 101 points from 2692 in September 1978 to 2793 in December 1978 or by 3.8 per cent. Higher prices of Chillies, Cane jaggery, Palm jaggery, gingelly seed, Coconuts, gingelly oil, groundnut oil, Cotton seed, tobacco, tanned cow-hides, tanned goat skins and tanned sheep skins contributed for the upward trend in the index.

Index number of wholesale prices in Tamil Nadu.

(Base : Prices on 21st August 1939=100).

Period.	Foodgrains.	Commercial products.	Composite index.
(1)	(2)	(3)	(4)
1974	2,102	2,265	2,193
1975	2,512	2,391	2,445
1976	1,730	2,463	2,139
1977	1,810	2,752	2,337
1978	1,604	2,702	2,217
1978 —			
January	1,702	2,818	2,326
February	1,652	2,726	2,252
March	1,568	2,671	2,184
April	1,519	2,600	2,123
May	1,521	2,580	2,112
June	1,554	2,625	2,152
July	1,569	2,667	2,182
August	1,616	2,661	2,200
September	1,597	2,692	2,209
October	1,645	2,785	2,282
November	1,663	2,800	2,298
December	1,641	2,793	2,285

CONSUMER PRICE INDEX NUMBERS FOR DIFFERENT CENTRES IN TAMIL NADU.

(Base: 1960=100).

The Consumer Price Index Number for December 1978 as compared to September 1978 advanced in all the centres, viz., Madras City, Cuddalore, Tiruchirappalli, Madurai, Coimbatore, Nagercoil and Coonoor.

As compared with the index for September 1978 the Index for December 1978 was higher by 12 points in Madras City, by 4 points in Cuddalore, by 26 points in Tiruchirappalli, by 18 points in Madurai, by 8 points in Coimbatore, by 1 point in Nagercoil and by 20 points in Coonoor.

The Consumer Price Index Number for Madras City for the month of October 1978 was higher by 5 points from 313 to 318 when compared to September 1978, because of an increase in the prices of rice, redgram dhal, green gram dhal, blackgram dhal, edible oils, chillies, tamarind, garlic, vegetables and fruits, betel leaves and Casuarina.

The index for November 1978 advanced by 10 points from 318 in October 1978 to 328 in November 1978. Higher prices of rice, redgram dhal, mutton, fresh fish (nethill) egg, chillies (dry), tamarind, onions, garlic, certain selected vegetables, coconuts, gur, firewood (both jungle wood and Casuarina), dhoti, saree, towel, bedsheets, pillow, stationery (Pencil) hair oil, shaving requisites (blades), umbrella, trunk, brass utensil, laundry charges and tailoring charges contributed for the upward trend in the index.

As compared to November 1978 the index for December 1978 was lower by 3 points from 328 to 325. Lower prices of rice, ragi, redgram dhal, bengalgram dhal, black gram dhal, coconut oil, gingelly oil, fresh fish (both Nethili and Prawn), dry fish (both Valai and Kathal), curd, ghee, turmeric, chillies (dry), onions, coriander, ginger (dry), pepper, mustard, cummin seed, certain selected vegetables, banana, sugar and snack (sweets) contributed for the downward trend in the index.

CONSUMER PRICE INDEX NUMBER FOR DIFFERENT CENTRES IN TAMIL NADU.

(Base: 1960=100).

Period.	Madras City.	Cuddalore.	Tiruchirappalli.	Madurai.	Coimbatore.	Nagercoil.	Coonoor.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1974	281	296	329	306	282	339	307
1975	325	325	372	352	331	390	314
1976	283	289	313	296	300	330	295
1977	306	320	335	328	317	344	312
1978	316	329	358	335	323	363	321
1978							
January	322	335	357	338	323	368	319
February	319	321	355	326	317	354	319
March	315	317	350	323	315	352	319
April	308	317	349	323	314	351	313
May	305	318	348	326	317	347	313
June	310	324	345	331	321	352	317
July	314	333	354	330	321	367	320
August	314	336	351	331	328	372	315
September	313	334	357	339	327	370	318
October	318	338	366	344	327	376	320
November	328	342	385	355	336	380	336
December	325	338	383	357	335	371	338

ALL-INDIA AVERAGE CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS.

(Base : 1960=100)

<i>Period.</i>							<i>Index.</i>
(1)							(2)
1974	..	..	..	..	..	..	304
1975	..	..	..	..	..	..	321
1976	..	..	..	..	..	..	296
1977	..	..	..	..	..	..	321
1978	..	..	..	..	..	..	329
1978—							
January	..	..	..	..	..	..	325
February	..	..	..	..	..	..	320
March	..	..	..	..	..	..	321
April	..	..	..	..	..	..	322
May	..	..	..	..	..	..	323
June	..	..	..	..	..	..	327
July	..	..	..	..	..	..	330
August	..	..	..	..	..	..	331
September	..	..	..	..	..	..	336
October	..	..	..	..	..	..	340
November	..	..	..	..	..	..	340
December	..	..	..	..	..	..	335

CONSUMER PRICE INDEX NUMBER FOR URBAN NON-MANUAL EMPLOYEES

(Base : 1960=100)

When compared with the index for June 1978, the Consumer Price Index Number for Urban Non-Manual employees in September 1978 advanced at Madurai and Tiruchirappalli by five points and four points respectively, while it remained unaltered at Madras City when compared with June 1978.

CONSUMER PRICE INDEX NUMBER FOR URBAN NON-MANUAL EMPLOYEES

(Base : 1960=100.)

<i>Period.</i>					<i>Madras.</i>	<i>Madurai.</i>	<i>Tiruchirappalli.</i>
(1)					(2)	(3)	(4)
1973	..	..	..	..	222	199	209
1974	..	..	..	..	275	264	273
1975	..	..	..	..	310	306	313
1976	..	..	..	..	292	285	282
1977	..	..	..	..	307	291	306
1977—							
October	..	..	..	..	313	297	311
November	..	..	..	..	317	305	322
December	..	..	..	..	325	310	328
1978—							
January	..	..	..	..	320	302	322
February	..	..	..	..	315	293	309
March	..	..	..	..	315	292	305
April	..	..	..	..	314	292	306
May	..	..	..	..	316	294	309
June	..	..	..	..	318	296	309
July	..	..	..	..	318	297	311
August	..	..	..	..	316	299	311
September	..	..	..	..	318	301	313

INDEX NUMBERS OF RURAL PRICE FOR SELECT CENTRES IN TAMIL NADU

(Base : Year ended June 1971 = 100)

During the quarter ended December 1978, the Rural Price Index numbers advanced in Puliur, Agaram, Thulayanatham, Kinathukadavu, Guduvancheri and Kunnathur, while it declined at Gokilapuram. The index remained unaltered at Eriodu when compared with September 1978.

When compared with the index for September 1978 the Rural Price Index Number for December 1978 was higher by two points (1.0 per cent) at Puliur, six points (3.1 per cent) at Agaram three points (1.8 per cent) at Thulayanatham, five points (2.6 per cent) at Kinathukadavu, 10 points (5.6 per cent) at Guduvancheri and by seven points (3.9 per cent) at Kunnathur while the index receded by four points (2.2 per cent) at Gokilapuram.

INDEX NUMBERS OF RURAL PRICES.

(Base : Year ended June 1936 = 100).

Period	South Arcot.		Tiruchi-rappalli.	Madurai.		Coimba-tore.	Chengalpattu.	
	Puliur.	Agaram.	Thulaya-natham.	Eriodu.	Gokila-puram.	Kinathu-kadavu.	Guduvan-cheri.	Kunna-thur.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1974	1,709	1,594	1,693	2,010	2,240	2,242	1,954	1,886
1975	2,028	1,736	2,083	2,302	2,452	2,527	2,211	2,136
1976	1,635	1,534	1,837	1,737	1,996	1,821	1,598	1,551
1977	1,942	1,803	1,923	1,902	2,239	1,923	1,860	1,816
(Base : Year ended June 1971 = 100).								
1978	196	191	173	179	178	192	181	182
1978								
January	199	191	186	192	194	199	191	198
February	193	186	180	183	184	192	186	190
March	188	183	174	182	176	192	179	186
April	185	181	173	181	176	188	176	181
May	185	181	169	179	177	186	167	176
June	194	190	165	172	174	184	168	177
July	200	193	171	178	175	188	176	177
August	201	196	167	178	179	194	183	178
September	200	194	169	175	179	192	178	178
October	203	198	172	175	169	194	186	175
November	204	199	172	176	176	201	189	183
December	202	200	172	175	175	197	188	185

INDEX NUMBERS OF PARITY.

(Base : 1954—55=100).

<i>Period.</i>	<i>Index number of prices received by the farmer.</i>	<i>Index number of price paid by the farmer.</i>	<i>Index number of parity.</i>
(1)	(2)	(3)	(4)
1973	279	325	86
1974	440	465	94
1975	501	553	91
1976	378	507	75
1977	411	539	76
1977			
October	390	541	72
November	401	551	73
December	406	548	74
1978			
January	400	537	75
February	390	540	72
March	381	537	71

XII. TRADE.

QUANTUM OF IMPORTS AND EXPORTS THROUGH THE PORTS OF TAMIL NADU.

The total value of foreign imports and exports through the ports in Tamil Nadu during the quarter ended 30th September 1978 was of the order of Rs. 350.52 crores of which exports accounted for Rs. 155.10 crores and imports were Rs. 195.42 crores.

When compared with the corresponding quarter of the previous year, the imports increased by 28.8 per cent whereas the exports showed a nominal increase of 3.7 per cent only.

						(Provisional)	
<i>Serial number and Ports.</i>						<i>Imports.</i>	<i>Exports.</i>
(1)						(2)	(3)
						(RUPEES IN LAKHS.)	
1.	Madras	..	..	..	..	14,375	11,205
2.	Cuddalore	..	..	..	..	..	..
3.	Nagapattinam	..	..	..	..	..	85
4.	Tuticorin	..	..	..	..	375	549
5.	St. Thomas Mount (Air Port)	..	..	..	..	4,792	3,670
6.	Tiruchirappalli (Air Port)	..	..	..	..	..	1
						<u>19,542</u>	<u>15,510</u>

XIII. LABOUR AND EMPLOYMENT.

Registrations and Placements through Employment Exchanges during the quarter ended December 1978, 90,199 had registered their names with the Employment Exchanges as against 1,24,843 registered during the previous quarter. This showed a decrease of 27.8 per cent. The number of persons placed in employment, through the exchanges during the quarter under review was 9,653, while during the previous quarter 8,695 were placed in employment. Thus there was an increase of 11 per cent in placements. The number of persons on the live registers at the end of the quarter ended December 1978 increased by 0.7 per cent. The number of persons on the Live Register at the end of the quarter ended September 1978 and December 1978 were 964,002 and 970,360 respectively.

REGISTRATION AND PLACEMENTS THROUGH THE EMPLOYMENT EXCHANGES BY DISTRICTS.

District.	Number of person on the Live Register		
	September 1978.	December 1978.	Variation.
(1)	(2)	(3)	(4)
Madras	192,441	192,855	+0.2
Chengalpattu ..	85,458	87,684	+2.6
South Arcot	56,182	57,740	+2.8
North Arcot	58,846	61,076	+3.8
Dharmapuri	30,479	30,676	+0.6
Salem	56,418	56,381	-0.1
Coimbatore	87,491	90,130	+3.0
The Nilgiris	26,530	26,794	+1.0
Tiruchirapalli ..	87,525	89,196	+1.9
Thanjavur	61,594	61,819	+0.4
Pudukkottai	17,250	17,585	+1.9
Madurai	70,532	69,074	-2.1
Ramanathapuram ..	37,480	34,612	-7.7
Tirunelveli	56,169	54,693	-2.6
Kanniyakumari ..	39,607	40,085	+1.2
State	964,002	970,360	+0.7

REGISTRATION AND PLACEMENTS THROUGH THE EMPLOYMENT EXCHANGES BY DISTRICTS—*cont.*

District.	Registration during the quarter ended.		
	September	December	Percentage Variation.
(1)	1978 (5)	1978 (6)	(7)
Madras	22,110	16,399	(-)25.8
Chengalpattu	10,433	9,358	(-)10.3
South Arcot	9,245	5,671	(-)38.7
North Arcot	7,760	7,005	(-)9.7
Dharmapuri	3,426	3,120	(-)8.9
Salem	7,332	5,189	(-)29.2
Coimbatore	11,218	7,923	(-)29.4
The Nilgiris	3,146	1,823	(-)42.1
Tiruchirapalli	11,185	7,300	(-)34.7
Thanjavur	8,298	5,403	(-)34.9
Pudukkottai	1,763	1,401	(-)20.5
Madurai	11,405	8,306	(-)27.2
Ramanathapuram	5,574	3,351	(-)39.9
Tirunelveli	7,453	5,156	(-)30.8
Kanniyakumari	4,495	2,794	(-)37.8
State	124,843	90,199	(-)27.8

District.	Placements during the quarter ended		
	September	December	Percentage Variation.
(1)	1978. (8)	1978. (9)	(10)
Madras	1,356	1,802	(+)32.9
Chengalpattu	399	568	(+)42.4
South Arcot	1,479	513	(-)65.3
North Arcot	530	857	(+)61.7
Dharmapuri	459	825	(+)79.7
Salem	444	522	(+)17.6
Coimbatore	856	852	(-)0.5
The Nilgiris	575	225	(-)60.9
Tiruchirapalli	437	398	(-)8.9
Thanjavur	601	624	(+)3.8
Pudukkottai	111	74	(-)33.3
Madurai	551	1,319	(+)139.4
Ramanathapuram	276	259	(-)6.2
Tirunelveli	393	389	(-)1.0
Kanniyakumari	228	426	(+)86.8
State	8,695	9,653	+ 11.0

PLANTATION LABOUR.

During the quarter ended June 1978, 323 plantations were registered under the Plantation Act, as against 322 during the previous quarter. Out of these 323 plantations, only 254 plantations reported data relating to labour and employment.

Tea Plantations.—During the quarter ended June 1978, 60,610 workers were employed in Tea Plantations. The percentage of permanent workers to total number of workers was 88 per cent and the average daily attendance of permanent workers was 43,664. But during the previous quarter, the total number of workers were 56,731. The percentage of permanent workers to total workers was 92 and the daily average attendance of permanent workers was 40,370. The earnings of permanent garden labour men, women and minors were Rs. 8.34, Rs. 8.86 and Rs. 5.74, respectively during the quarter ended June 1978, whereas their earnings were Rs. 8.31, Rs. 8.96 and Rs. 7.39 respectively during the previous quarter.

Coffee Plantations.—During the quarter ended June 1978, 7,655 workers were employed in Coffee plantations. The percentage of permanent workers to total number of workers was 64 and the average daily attendance of permanent workers was 3,652. But during the previous quarter the total number of workers were 8,049. The percentage of permanent workers to total workers was 69 and the daily average attendance of permanent workers was 4,520. During the quarter ended June 1978, the average daily earnings of permanent garden labour men, women and minor workers were Rs. 7.41, Rs. 7.45, and Rs. 5.61 as against Rs. 7.01, Rs. 7.61 and Rs. 5.41 respectively during the previous quarter.

Rubber Plantations.—During the quarter ended June 1978, 3,328 workers were employed in rubber plantations. The percentage of permanent workers to total number of workers was 45 and the average daily attendance of permanent workers was 1,291. But during the previous quarter, the total number of workers were 1,516. The percentage of permanent workers to total workers was 97 and daily average attendance of permanent workers was 1,236. The earnings of permanent garden labour men and women were Rs. 8.45, and Rs. 5.64, whereas, during the previous quarter their earnings were Rs. 8.64 and Rs. 8.42 respectively.

Cinchona Plantations.—During the quarter ended June 1978, 2,984 workers were employed in Cinchona estates as against 2,735 during the previous quarter. The percentage of average daily attendance of permanent workers was 90 during the quarter ended June 1978 and March 1978.

NUMBER OF PLANTATIONS REGISTERED AND REPORTED

Plantations.	31-3-1978.		3-6-1978.	
	Number of plantations registered.	Number of plantations reported.	Number of plantations registered.	Number of plantations reported.
(1)	(2)	(3)		(5)
Tea	150	118	151	121
Coffee	138	103	138	100
Rubber	29	28	29	29
Cinchona	5	4	5	4
	—	—	—	—
Total ..	322	253	323	254
	—	—	—	—

PERCENTAGE OF PERMANENT WORKERS TO TOTAL NUMBER OF WORKERS;—

Plantations.	31— 3— 1978			30— 6— 1978		
	Total number of workers.	Number of permanent workers.	Percentage.	Total number of workers.	Number of permanent workers.	Percentage.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Tea	56,731	52,241	92	60,610	53,349	88
Coffee	8,049	5,517	69	7,655	4,879	64
Rubber	1,516	1,461	97	3,328	1,486	45
Cinchona	2,735	1,677	61	2,984	1,633	55

AVERAGE DAILY EARNINGS OF GARDEN AND OUTSIDE LABOURS

Plantations.	31— 3— 1978			30— 6— 1978		
	Total number of permanent workers.	Average daily attendance.	Percentage.	Total number of permanent workers.	Average daily attendance.	Percentage.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Tea	52,241	40,370	77	53,349	43,664	85
Coffee	5,517	4,520	82	4,879	3,652	75
Rubber	1,464	1,236	84	1,486	1,291	87
Cinchona	1,677	1,514	90	1,635	1,465	90

AVERAGE DAILY EARNINGS OF GARDEN AND OUTSIDE LABOURS—

Plantations.	Workers.	31— 3— 1978				30— 6— 1978			
		Garden Labour.		Outside Labour.		Garden Labour.		Outside Labour.	
(1)	(2)	P	T	P	T	P	T	P	T
		Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.
Tea	Men	8-31	7-19	8-96	8-03	8-34	7-10	7-86	7-29
	Women	8-96	8-05	10-40	7-71	8-86	8-84	8-34	7-69
	Minors	7-39	5-33	..	7-12	5-74	5-46	..	..
Coffee	Men	7-01	6-01	7-30	6-78	7-41	7-00	5-68	5-50
	Women	7-61	5-22	6-37	4-94	7-48	5-67	6-02	5-77
	Minors	5-41	1-99	4-00	..	5-61	2-26	..	..
Rubber	Men	8-64	8-33	9-20	5-25	8-45	8-04	10-44	6-46
	Women	8-42	7-86	8-32	..	5-64	7-80	8-19	..
	Minors .. .. .	..	6-60	..	..	..	5-33	..	..
Cinchona	Men	6-39	5-19	..	5-19	5-82	4-19	..	5-20
	Women	6-03	5-19	..	6-19	6-46	5-04	..	5-20
	Minors	6-44	3-05	..	3-16	2-94	2-79	..	3-14

PERCENTAGE OF DAILY ATTENDANCE OF PERMANENT WORKERS.

P=Permanent.

T=Temporary.

XIV. STATE FINANCE.

RECEIPTS AND EXPENDITURE ON REVENUE ACCOUNT

The receipts under Revenue Account for 1978-79 was Rs. 68,008 lakhs (Budget Estimates) as against Rs. 65,298 lakhs (Revised Estimate) for the previous year.

The expenditure under Revenue Account was Rs. 72,676 lakhs (Budget Estimates) as against Rs. 70,947 lakhs (Revised Estimates) for the previous year.

There was a deficit of Rs. 4,668 lakhs in 1978-79 while the deficit was Rs. 5,649 lakhs in the previous year.

RECEIPT AND EXPENDITURE ON REVENUE ACCOUNT

(1)	Accounts, 1976-77.	Revised Estimate, 1977-78.	Budget Estimate, 1978-79.
	(2)	(3)	(4)
	(RUPEES IN LAKHS)		
Revenue Receipts			
Expenditure on Revenue Account .. .			
Revenue surplus (+) or deficit(—)			
	62,898	65,298	68,008
	62,837	70,94	72,676
	+61	—5,469	—4,668

XV. STATE INCOME.

STATE INCOME OF TAMIL NADU.

According to the Quick Estimates, the State Income of Tamil Nadu for the year 1977-78 (at 1970-71 prices) shows an increase of 10.2 per cent over the previous year. Per capita income in real terms has increased by 8.5 per cent. During 1976-77, the State Income at Constant Prices increased by 0.5 per cent and per capita income fell by 0.9 per cent.

The Net State Domestic Product for the year 1977-78 is estimated at Rs. 2,978.26 crores (at 1970-71 prices) and per capita income at Rs. 657. The corresponding estimates for 1976-77 were Rs. 2,691 crores and Rs. 612 respectively.

The impressive rise in State Income during 1977-78 was mainly due to the good performance of Agriculture sector. The production of food grains went up by about 28 per cent during 1977-78 from 63.36 lakh tonnes in 1976-77 to 80.99 lakh tonnes in 1977-78. Production of Groundnut (with shell) went up by about 41 per cent, Sugarcane by 121 per cent and Cotton Kapas by 23 per cent during 1977-78. As a result, the income from Agriculture sector increased by about 15 per cent.

Besides this, there was an increase in the Industrial Production (Manufacturing) in Tamil Nadu as evidenced by the upward trend in the index number of industrial production (Manufacturing) from 137 to 143 during the years under review leading to a rise in income from industrial sector by about 6 per cent in 1977-78 over the previous year.

Many other sectors registered increase during 1977-78, the outstanding among them being Electricity, Gas and Water Supply (12.9 per cent), Trade, Hotels and Restaurants (12.1 per cent), Banking and Insurance (10.1 per cent), Public Administration (11.6 per cent) and Railways (20.4 per cent).

Of the three sectors, the contribution of the primary sector increased by 14.4 per cent over the previous year, whereas the increase recorded by the secondary sector was 6.4 per cent. The tertiary sectors contribution rose up by 8.7 per cent.

At current prices the Net State Domestic Product in 1977-78 stood at Rs. 4,669.90 crores with a per capita income of Rs. 1,031. The corresponding estimates for 1976-77 were Rs. 4,241.16 crores and Rs. 950 respectively.

STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN AT CURRENT PRICES.

(RUPEES IN LAKHS.)

Serial number and industry.				1970-71.	1971-72.	1972-73.	1973-74.
(1)				(2)	(3)	(4)	(5)
1	Agriculture	..	..	94.983	112.483	114.130	146.756
2	Forestry and Logging	..	..	816	1,066	903	1084
3	Fishing	..	..	1955	2133	2527	2933
4	Mining and Quarrying	..	..	1286	1452	1399	1630
5	SUB TOTAL—PRIMARY			99040	117134	119059	152403
5-1	Manufacturing (Registered)	..	..	26462	27674	31236	38840
5-2	Manufacturing (unregistered)	..	..	19409	21762	23277	23668
6	Construction	..	..	12315	14232	15674	15745
7	Electricity, Gas and water supply	..	..	3749	3785	4426	5247
SUB TOTAL—SECONDARY				61935	67453	74013	83500
8-1	Railways	..	..	2908	3004	2986	2619
8-2	Transport by other means and storage	..	..	7832	9590	10865	14911
8-3	Communication	..	..	2531	2644	2632	3358
9	Trade, Hotels and Restaurants	..	..	32969	37980	40324	50268
SUB-TOTAL				46230	55218	56807	71156
10	Banking and Insurance	..	..	5068	6439	7493	8807
11	Real Estate and Ownership of dwellings	..	..	8003	8674	9518	10236
SUB-TOTAL				13071	15113	17011	19043
12	Public Administration	..	..	7937	11034	9944	11753
13	Other Services	..	..	13859	14724	15647	16520
SUB-TOTAL				21796	24048	25591	28273
14	N.S.D.P. AT FACTOR COST			242072	276966	292481	354375
	Estimated Population (in lakhs)	..	..	407	415	421	427
	Per Capita (in Rupees)	..	..	594.77	667.39		829.92

NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN AT CURRENT PRICES—*cont.*

					(RUPEES IN LAKHS.)			
Serial number and Industry.					1974-75.	1975-76.	1976-77.	1977-78.
(1)					(6)	(7)	(8)	(9)
						PR.	PRL Y.	QE.
1	Agriculture	..	..	..	133,470	130,189	143,802	158,424
2	Forestry and Logging	..	..	..	1,483	1,265	1,719	2,631
3	Fishing	..	..	..	2,932	3,105	3,415	3,539
4	Mining and Quarrying	..	..	..	2,064	2,447	2,514	2,516
SUB-TOTAL—PRIMARY					139,949	137,006	151,450	167,110
5-1	Manufacturing (Registered)]	..	..	..	53,613	52,104	57,292	63,406
5-2	Manufacturing (Unregistered)	..	..	..	30,887	33,309	33,644	36,415
6	Construction	..	..	..	18,901	22,647	23,402	24,469
7	Electricity, Gas and Water-supply	..	..	..	6,135	6,976	7,203	8,129
SUB-TOTAL—SECONDARY					109,536	115,036	121,541	132,419
8-1	Railways	..	..	..	3,499	4,439	5,343	6,431
8-2	Transport by other means and storage	..	..	..	16,211	17,086	17,969	20,810
8-3	Communication	..	..	..	3,645	4,148	4,720	5,371
9	Trade, Hotels and Restaurants	..	..	..	53,093	53,950	58,777	64,863
SUB-TOTAL					76,448	79,623	86,809	97,475
10	Banking and Insurance	..	..	..	11,360	14,865	16,372	18,032
11	Real estate and Ownership of dwellings	..	..	..	10,331	11,132	12,153	13,364
SUB-TOTAL					21,691	25,997	28,525	31,396
12	Public Administration	..	..	..	13,182	13,955	15,453	17,262
13	Other Services	..	..	..	18,537	19,349	20,338	21,328
SUB-TOTAL					31,719	33,304	35,791	38,590
14	N.S.D.P. AT FACTOR COST..	..	..	..	379,343	390,966	424,116	466,990
	Estimated Population (in lakhs)	..	..	..	434	440	446	453
	Per Capita (In Rs.)	..	..	..	874.06	888.56	950.09	1030.78

NOTE.—PR = Partially Revised estimates.

PRL Y.—Preliminary estimates.

QE.—Quick estimates.

NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN.
AT CONSTANT (1970-71) PRICES.

		(Rs. in lakhs.)			
<i>Serial number and Industry.</i>		1970-71.	1971-72.	1972-73.	1973-74.
(1)		(2)	(3)	(4)	(5)
			PR.	PRLY.	QE.
1	Agriculture	94,983	101,524	99,222	108,643
2	Forestry and Logging .. .	816	843	678	691
3	Fishing .. .	1,955	2,125	2,331	2,560
4	Mining and Quarrying .. .	1,286	1,427	1,111	1,262
SUB-TOTAL—PRIMARY ..		99,040	105,919	103,342	113,156
5-1	Manufacturing (Registered) .. .	26,462	27,573	29,135	29,690
5-2	Manufacturing (Unregistered) .. .	19,409	19,001	18,924	16,866
6	Construction .. .	12,315	13,099	13,077	11,984
7	Electricity, Gas and Water-supply .. .	3,749	3,954	3,909	3,862
SUB-TOTAL—SECONDARY ..		61,935	63,627	65,045	62,402
8-1	Railways .. .	2,908	2,917	2,950	2,714
8-2	Transport by other means and storage ..	7,832	7,847	8,655	8,937
8-3	Communication .. .	2,521	2,513	2,516	3,016
9	Trade, Hotels and Restaurants .. .	32,969	35,353	35,676	38,135
SUB-TOTAL ..		46,230	48,630	49,797	52,802
10	Banking and Insurance .. .	5,068	6,069	6,566	6,236
11	Real Estate and Ownership of dwellings ..	8,003	8,290	8,602	8,937
SUB-TOTAL ..		13,071	14,359	15,168	15,173
12	Public Administration .. .	7,937	7,994	8,180	9,522
13	Other Services .. .	13,859	14,009	14,127	14,455
SUB-TOTAL ..		21,796	22,003	22,307	23,977
14	NSDP AT FACTORY COST .. .	242,072	254,538	255,659	267,510
	Estimated Population (in lakhs) .. .	407	415	421	427
	Capita (in Rs). .. .	594.77	613.34	607.27	626.49

NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN
AT CONSTANT (1970-71) PRICES.

		(Rs. in lakhs.)			
<i>Serial number and Industry.</i>		1974-75.	1975-76.	1976-77.	1977-78.
(1)		(6)	(7)	(8)	(9)
			PR.	PRLY.	QE.
1	Agriculture	78,410	101,667	94,764	109,063
2	Forestry and Logging	634	690	652	688
3	Fishing	2,438	2,594	2,811	2,874
4	Mining and Quarrying	1,151	1,228	1,482	1,893
SUB-TOTAL--PRIMARY ..		82,633	106,179	99,709	114,018
5-1	Manufacturing (Registered)	29,902	30,722	34,057	36,094
5-2	Manufacturing (Unregistered)	17,546	18,943	19,040	20,321
6	Construction	12,533	13,801	14,261	14,911
7	Electricity, Gas and Water-supply	4,061	4,602	4,752	5,364
SUB-TOTAL--SECONDARY ..		64,042	68,068	72,110	76,690
8-1	Railways	3,026	3,557	3,817	4,596
8-2	Transport by other means and storage	8,300	8,955	9,129	9,746
8-3	Communication	2,997	3,192	3,400	3,621
9	Trade Hotels and Restaurants	31,265	36,968	36,701	41,135
SUB-TOTAL ..		45,588	52,472	53,047	59,058
10	Banking and Insurance	5,857	6,892	8,609	9,482
11	Real Estate and Ownership of dwellings	9,307	9,703	10,127	10,589
SUB-TOTAL ..		15,164	16,595	18,736	20,071
12	Public Administration	10,018	10,515	11,636	12,990
13	Other Services	15,045	15,271	15,082	14,959
SUB-TOTAL ..		25,063	25,786	26,718	27,949
NSDP AT FACTORY COST		232,490	269,100	270,320	297,826
Estimated Population (in lakhs)		434	440	446	452
Per Capita (in Rs.)		535.69	611.59	606.10	657

NOTE.— PR. = Partially Revised Estimates. PRLY. = Preliminary Estimates. QE. = Quite Estimate