

R. No. 4/90



**STATISTICAL HANDBOOK**  
**OF**  
**TAMIL NADU**  
**1989**

*ISSUED*  
*BY*  
**DIRECTOR OF STATISTICS**  
**DEPARTMENT OF STATISTICS**  
**MADRAS**

# TAMIL NADU

ANDHRA PRADESH

(1 : 40,00,000)



REFERENCE	
State boundary	— · — · —
District boundary	- - - - -
Main Roads	— — — — —
Railway line	—   —   —   —   —
River	~~~~~
District name, head-quarters	SALEM ○

Responsibility for the correctness of internal details shown on the maps rest with the publisher.

The territorial waters of India extend into the sea to a distance of twelve nautical miles measured from the appropriate base line

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## **PREFACE**

The Statistical Hand Book of Tamil Nadu for 1989 presents key statistical information in compact form with different sectors of the economy of Tamil Nadu. The Hand Book is designed to serve as a ready reckoner for those seeking such statistical information.

The data incorporated in this publication have been collected from various Heads of Departments of both Central and State Governments, Public Sector Undertakings and Private Institutions. I am grateful to them for their kind co-operation in this venture.

Suggestions for further improvement of this publication are welcome.

Madras,

Date : 26th December 1989.

**C. SETHU,**

*Director of Statistics.*

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X. TABLE ADDED IN THE CURRENT ISSUE

<i>Serial Num- ber.</i>	<i>Table Number in the current issue (1989).</i>	<i>Description.</i>
(1)	(2)	(3)
x	22.5	Overseas Employment.

## NOTE

1. Data furnished in this Hand Book related to Tamil Nadu, unless and otherwise stated.

2. The following symbols and abbreviations have been used in this Hand Book.

(P)	..	..	Provisional.
N	..	..	Negligible
PR	..	..	Partially Revised.
Q.E.	..	..	Quick Estimate
(R)	..	..	Revised
N.A.	..	..	Not Available
TCMPF	..	..	Tamil Nadu Co-operative Milk Producer's Federation.
EA	..	..	Endowment Aunce.
A.E.A.	..	..	Anticipatory Endowment Assurance.
(E)	..	..	Estimated
(BL)	..	..	Bales of 170 kg. lint each.
E.S.	..	..	Ex-Servicemen.
R.E.	..	..	Revised Estimate
B.E.	..	..	Budget Estimate
M.U.	..	..	Million Units
M.W.	..	..	Megawatt
@	..	..	Soap only.

@@	...	...	All activities.
*	..	..	Employment Less than 500.
**	..	..	Nuts in lakhs.
S.W.	..	..	Siddha Wings.
A.W.	..	..	Ayurveda Wings.
HW	..	..	Homoeopathy Wings.
K.V.	..	..	Kilo Volt
E.H.T.	..	..	Extra High Tension.
H.T.	..	..	High Tension.
L.T.	..	..	Low Tension.
S.C.	..	..	Scheduled Castes.
S.T.	..	..	Scheduled Tribes.
B.C.	..	..	Backward Classes
O.C.	..	..	Other Castes.
Hrs.	..	..	Hours.
cu.m.	..	..	cubic metre.
K.V.A.	..	..	Kilo Volt Ampere
£	..	..	in '000' Tonne.
₹	..	..	Less than '000' Tonne.



## GENERAL INFORMATION

GOVERNOR OF TAMIL NADU

DR. P. C. ALEXANDER

### COUNCIL OF MINISTERS WITH THEIR PORTFOLIOS.

1. DR. M. KARUNANITHI,  
*Chief Minister (C.M.)* Public, General Administration, Indian Administrative Service, District Revenue Officers, Police, Finance, Planning, Industries, Commercial Taxes, Backward Classes, Prevention of Corruption, Prohibition including grant of Liquor Permits and Excise,
2. PROF. K. ANBAZHAGAN,  
*Minister for Education  
M (Edn.)* Education including Technical Education, Official Language, Legislature, Elections Electronics, Science and Technology, Tamil Culture, Sports and Youth Service Corps, Ex-servicemen and Archaeology.
3. THIRU S. J. SADIQ PASHA,  
*Minister for Law M (L)* Law, Courts, Prisons, Legislation on Weights and Measures, Registration of Companies, Debt Relief including Legislation on Money-lending and Legislation on Chits and Wakf.

4. **THIRU NANJIL  
K. MANOHARAN.**  
*Minister for Revenue M (R)* Revenue, District Revenue Establishment,  
Deputy Collectors, Registration and Stamp  
Act.
5. **THIRU M. KANNAPPAN,**  
*Minister for Transport M (T)* Transport, Nationalised Transport, Motor  
Vehicles Act, Ports and Housing.
6. **THIRU K. P. KANDASAMY,**  
*Minister for Hindu Religious and Charitable Endowments  
and Charitable Endowments  
M (H.R. & C.E.)* Hindu Religious and Charitable Endowments,  
Tourism, Tourism Development Corporation,  
Forest and Chinchona.
7. **THIRU KO. SI. MANI,**  
*Minister for Rural Development and Local Administration  
M (R.D. & L.A.)* Municipal Administration, Rural Development,  
Panchayats, Panchayat Unions and Rural  
Indebtedness.
8. **THIRU ARCOT  
N. VEERASAMY,**  
*Minister for Electricity  
M (E)* Electricity, Milk and Slum Clearance Board.

9. THIRU PON. MUTHURAMALINGAM,  
*Minister for Food and Co-operation M (F & C)* Food, Price Control and Civil Supplies Co-operation and Statistics.
10. THIRU VEERAPANDI ARUMUGAM,  
*Minister for Agriculture M (A)* Agriculture, Agricultural Refinance Agricultural Engineering and Service Co-operative Societies at the Block, District and Apex Level including the Federation and Food Production.
11. THIRU DURAIMURUGAN,  
*Minister for Public Works M (P.W.)* Public Works, Minor Irrigation including Special Minor Irrigation, Programme Works and Highways.
2. THIRUMATHI SUBBLAKSHMI JAGADISAN,  
*Minister for Social Welfare and Rural Industries M (S.W. & R.I.)* Social Welfare including Children and Women's Welfare, Beggars Home, Orphanages, Correctional Administration, Nutritious Noon Meals, Rural Industries including Village, Cottage and Small Industries, Khadi Board, Bhoodan and Gramdan.
13. DR. E. RAMAKRISHNAN,  
*Minister for Adi-Dravidar Welfare M (A.W.)* Adi-Dravidar Welfare, Hill Tribes and Bonded Labour.

14. DR. PONMUDI *alias*  
DEIVASIGAMANI,  
*Minister for Public Health*  
*M (P.H.)*

Public Health, Medicines, Water Board and  
Environmental Pollution Control.

15. THIRU K. N. NEHRU,  
*Minister for Information*  
*and Labour M (I & L)*

Information and Publicity, Film Technology,  
Cinematograph Act, Labour, Census,  
Employment and Training, Indian Overseas,  
Refugees and Evacuees, Iron and Steel  
Control, Newsprint Control, Stationery and  
Printing and Government Press.

16. DR. K. CHANDRA-  
SEKARAN,  
*Minister for Animal Hus-*  
*bandry M (A.H.)*

Animal Husbandry, Fisheries and Fisheries  
Development Corporation.

17. THIRU S. THANGAVELU,  
*Minister for Handlooms and*  
*Urban Development*  
*M (H & U.D.)*

Handlooms, Textiles, Town Planning, Urban  
Development and Accommodation Control.

**CHAIRMAN, STATE PLANNING COMMISSION**

**DR. M. KARUNANITHI**

**Chief Minister of Tamil Nadu**

**CHIEF JUSTICE OF MADRAS HIGH COURT**

**Justice Dr. Adarsh Sein Anand**

**CHIEF SECRETARY TO GOVERNMENT**

**THIRU M. M. RAJENDRAN, I.A.S.,**

**CHAIRMAN, TAMIL NADU PUBLIC SERVICE COMMISSION.**

**THIRU T. LAKSHMINARAYANAN, I.A.S.,**

## TAMIL NADU AT A GLANCE

### GEOGRAPHICAL POSITION—

North Latitude	..	Between 8° 5' and 13° 35'
East Longitude	..	Between 76° 15' and 80° 20'

### AREA AND POPULATION—(1981 CENSUS)—

1. Area (Sq. Km.)	..	1,30,058
2. Population	..	4,84,08,077
3. Density	.. ..	372 (P)
4. Literates	.. ..	2,26,37,659
5. Main workers	..	1,90,26,393
(a) Cultivators	..	55,59,103
(b) Agricultural Labourers.		60,37,601
(c) Household Industry.		8,98,277
(d) Other Workers		65,31,412
Marginal Workers		11,72,397

### VITAL STATISTICS : 1987—

1. Birth	.. ..	9,25,072
2. Death	.. ..	3,09,482
3. Infant deaths	..	27,054

†

## STATE INCOME—

1. State Income  
in 1980-81 Prices  
(Rs. in lakhs) .. 7,21,816]
2. State Income at  
current prices (Rs.  
in lakhs Quick  
Estimate) (1987-88) .. 17,03,392

## STATE FINANCE—

Overall Budget: 1989-90—Budget Estimate (Rs. in lakhs)

1. Revenue Account—
  - (a) Revenue .. .. 3,84,574
  - (b) Expenditure .. .. 4,13,423
  - (c) Surplus (+) or Deficit (—) (—) 28,849
2. Capital Account—
  - (a) Receipts .. .. 1,02,614
  - (b) Disbursement .. .. 98,539
  - (c) Surplus (+) or Deficit (—) (+) 4,075
3. Miscellaneous Remittances  
(Nett) .. .. (+) 9,807
4. Overall surplus (+) or Deficit  
(—) .. .. (—) 14,967
5. Receipt on Revenue Account by Principal Heads  
(1989-90) Budget Estimate Rs. in lakhs)

A. Tax Revenue—	3,20,168
(a) Share from Central Taxes	85,878
(b) State Taxes .. ..	2,34,290
B. Non-Tax Revenue—	64,407
Total Revenue .. ..	3,84,575

5. Expenditure on Revenue Account by Principal Heads  
(1989-90) Budget Estimate (R.s. in lakhs) :

A. Development Expenditure—

(c) Social Services .. ..	1,68,636
(b) Economic Services ..	1,22,964

B. Non-Development Expenditure—

(c) General Services ..	1,17,747
(d) Compensation and Assign- ments to Local Bodies.	4,075

    Total Expenditure .. 4,13,422

TEMPERATURE (IN DEGREES-CENTIGRADES)—1988-89—

a) Plains :

(i) Maximum .. ..	40.0
(ii) Minimum .. ..	16.0

b) Hill Stations :

(i) Maximum .. ..	26.4
(ii) Minimum .. ..	5.0



RAINFALL (IN m. m.) 1988-89—

(a) Normal	.. .. .	945.0
(b) Actual	.. .. .	708.9(P)

AGRICULTURE—1988-89—

(a) Total area (Hect.)	.. .. .	1,30,24,536
(b) Nett area sown (Hect.)	.. .. .	55,46,644
(c) Gross area sown (Hect.)	.. .. .	64,50,959

(d) Area and production of principal crops :

<i>Crop.</i>	<i>Area (hect.) in "000 "</i>	<i>Production "000 " (Tonne).</i>
(1)	(2)	(3)
1. Rice	1,881	5,704
2. Millets and other Cereals	1,237	1,378
3. Pulses	625	248
4. Sugarcane (In terms of cane)	217	23,749
5. Groundnut	962	1,094
6. Gingly	116	35
7. Castor	16	5
8. Cotton	261	401

(laks of  
170 kg. unit  
each.)

**IRRIGATION—1988-89—****(a) Nett area irrigated by (hect) :**

(i) Government canals	..	..	8,09,793
(ii) Private canals	..	..	570
(iii) Tanks	..	..	4,79,026
(iv) Tube wells	..	..	1,59,403
(v) Other wells	..	..	9,11,503
(vi) Other sources	..	..	14,427
Total Nett area irrigated	..	..	23,74,722
(b) Gross area irrigated	..	..	28,73,178

**LIVESTOCK AND POULTRY POPULATION—****(As per 1982 Livestock Census)—**

(i) Cattle	..	..	1,03,65,500
(ii) Buffaloes	..	..	32,12,242
(iii) Sheep	..	..	55,36,514
(iv) Goats	..	..	52,46,192
(v) Poultry	..	..	1,82,83,720

VETERINARY INSTITUTIONS—1988-89—

(a) Veterinary Hospitals .. ..	55
(b) Veterinary Hospital-cum-Key Village Centres.	2
(c) Veterinary Dispensaries .. ..	703
(d) Veterinary Dispensaries-cum-Key Village Centres.	24
(e) Cleanician Centres .. .. .	22

DAIRY DEVELOPMENT : (1988-1989)—

(a) Dairies .. .. .	15
(b) Milk Chilling Plants .. ..	42

BULTRY DEVELOPMENT—1988-89—

(a) Chicks produced in hatcheries (in lakhs).	19.88
(b) Birds sold for breeding (in lakhs) ..	19.88
(c) Birds sold for Table (in lakhs) ..	1.42

FISHERIES—1988-89—

(a) Length of coastal line (Km.) ..	1,000
(b) Number of coastal districts .. ..	9
(c) Number of Marine Fishing villages	442
(d) Marine Fish Production (tonne)—	
(a) Non-mechanised .. ..	84,118
(b) Inland fish production (tonne) ..	82,000

**FORESTS—1986-87—**

**(a) Forest area (hect.)—**

1. Reserved forests .. .. .	18,54,944
2. Unclassed forests .. .. .	61,386
3. Reserved lands .. .. .	3,34,340

**(b) Out-turn of Forest Produce—**

1. Timber (cu.m.) .. .. .	514
2. Fuelwood (cu.m.) .. .. .	1,70,154
3. Pulpwood (tonne) .. .. .	2,38,611
4. Sandalwood (tonne) .. .. .	4,800
5. Rubber (tonne) .. .. .	2,380
6. Bamboo (tonne) .. .. .	12,541
7. Tea green leaves (kg.) .. .. .	21,518
8. Wattle Bark (tonne) .. .. .	15,859
9. Cashew (tonne) .. .. .	186

**ELECTRICITY—1988-89—**

**A. Generation of Electricity (in m.u.)—**

(a) Hydro .. .. .	3,353
(b) Wind mill generation .. .. .	4
(c) Thermal .. .. .	7,868
(d) Power purchased .. .. .	5,520
(e) Atomic .. .. .	1,781

**B. Consumption of Electricity (in M.U.)—**

(a) Agriculture	..	..	..	3,700
(b) Industry	..	..	..	6,224
(c) Commercial	..	..	..	1,000
(d) Domestic	..	..	..	1,750
(e) Public lighting	..	..	..	155
(f) Sales to licences	..	..	..	475
(g) Sales to other States	..	..	..	58
(h) Miscellaneous	..	..	..	610

C. Per capita consumption .. .. 268 units

**D. Power demand—**

(a) Instantaneous peak demand	..	2734 M.W.
(b) Sustained peak demand	.. ..	2675 M.W.

**E. Rural Electrification—**

<i>Item.</i>	<i>During the year.</i>	<i>Upto the end of the year.</i>
(1)	(2)	(3)
1 Number of pumpsets energised.	50,326	12,35,941
2 Number of villages electrified	4	15,813
3 Number of Hamlets electrified.	21	47,659

**14 INDUSTRIAL PRODUCTION 1988—**

	<i>Name of the Product.</i>	<i>Unit.</i>	<i>Production.</i>
	(1)	(2)	(3)
1	Sugar (Refined) .. .. .	(Tonne)	8,20,737
2	Vanaspathy .. .. .	Do.	30,690
3	Refined Oil .. .. .	Do.	4,988
4	Tea (Processed) .. .. .	Do.	1,01,837
5	Coffee (Cured) .. .. .	Do.	10,252
6	Cotton Yarn .. .. .	Do.	3,53,288
7	Cotton Woven Piece Goods .. .. .	'000'metres.	1,63,563
8	Tyres (All types) .. .. .	No.	80,60,032
9	Tubes (All types) .. .. .	Do.	28,51,424
10	Superior Kerosene .. .. .	Tonne	8,25,574
11	High Speed Diesel Oil .. .. .	Do.	17,06,912

12	Ammonia	..	..	..	..	..	..	Tonne	5,22,430
13	Caustic Soda	..	..	..	..	..	..	Do.	70,459
14	Urea	..	..	..	..	..	..	Do.	9,72,950
15	Super Phosphate	..	..	..	..	..	..	Do.	2,24,371
16	Mixed Fertilizers	..	..	..	..	..	..	Do.	12,33,855
17	Pesticides	..	..	..	..	..	..	Do.	53,223
18	Safety Matches	..	..	..	..	..	..	'000' Gross Boxes	1,53,157
19	Cement	..	..	..	..	..	..	Tonne	39,20,287
20	Iron and Steel (Metal)	..	..	..	..	..	..	Do.	2,20,425
21	Coatings (Iron and Steel)	..	..	..	..	..	..	Do.	75,610
22	Non-ferrous (Metal)	..	..	..	..	..	..	Do.	12,451
23	Tractors	..	..	..	..	..	..	Nos.	16,093
24	High pressure boilers and fittings	..	..	..	..	..	..	Tonne	1,53,064
25	Diesel Engines	..	..	..	..	..	..	No.	83,841





3	Number of Trade Unions	..	..	..	..	..	4,375
4	Number of Strikes	..	..	..	..	..	148
5	Number of Lock-outs	..	..	..	..	..	15

**KHADI AND VILLAGE INDUSTRIES 1988-89—**

		<i>Item.</i>				<i>Production</i> <i>(Rupees in</i> <i>lakhs).</i>	<i>Sales</i> <i>(Rupees in</i> <i>lakhs).</i>	<i>Employ-</i> <i>ment</i> <i>(Lakh</i> <i>persons).</i>
		<b>(1)</b>				<b>(2)</b>	<b>(3)</b>	<b>(4)</b>
<b>KHADI—</b>								
1	Cotton	..	..	..	..	2,761.25	2,681.15	0.76
2	Silk	..	..	..	..	1225.47	1148.00	0.04
3	Muslin	..	..	..	..	121.27		0.02
4	Woollen	..	..	..	..	..	86.77	..
<b>Total</b>					..	4,107.99	3,915.92	0.82
<b>VILLAGE INDUSTRIES</b>						..	..	..
						21,987.06	24,182.80	7.55
<b>Total (A+B)</b>						26,095.05	28,098.72	8.37

<i>Item.</i>	<i>Number of Institutions.</i>		
	<i>Allopathy.</i>	<i>Indian Medicines.</i>	<i>Homoeopathy.</i>
(1)	(2)	(3)	(4)
1 Hospitals .. .. .	413	2	1
2 Dispensaries .. .. .	608	566	5
3 Primary Health Centres .. .. .	1,226	252(SW)	..
4 Health Sub-centres .. .. .	8,755	..	..
5 Family Welfare Centres ] .. .. .	550	..	..
6 Beds .. .. .	66,576	1,205	25
7 Doctors .. .. .	8,977	480	22
8 Nurses .. .. .	8,321	65	4

**EDUCATION 1988-89—**

	<i>Number of Institutions.</i>
1. Universities .. .. .	14
2. Arts and Science Colleges .. ..	211
3. Colleges for professional Education ..	
(a) Medicine—	
(i) Allopathy .. .. .	14
(ii) Indian Medicine .. .. .	5
(iii) Homoeopathy .. .. .	1
(b) Engineering and Technology	40
(c) Agriculture .. .. .	6
(d) Veterinary .. .. .	2
(e) Law .. .. .	6
4. Colleges for Special Education ..	18
5. Schools for General Education ..	39,797

*Number of  
Institutions.*

6. Schools for Professional Education ..	83
7. Schools for special Education .. ..	108
8. Institutions for other Professional Education	330

## TRANSPORT AND COMMUNICATION—

## (a) Road length (km.) 1987-88—

1. National Highways .. .. .	1,884
2. State Highways .. .. .	45,181
3. Corporation and Municipalities Road	8,940
4. Panchayat Union and Panchayat Road	1,03,971
5. Town Panchayat and Townships Road	10,897

## (b) Registered Motor Vehicles (1988-89)—

1. Commercial .. .. .	1,86,525
2. Non-Commercial] .. .. .	9,62,359

(c) Railway Length, 1988-89—

(c)1. Route length (km.)—

(i) Broad Gauge .. .. . 1,057.43

(ii) Meter Gauge .. .. . 2,871.43

2. Tract Length (km.) 1988-89—

(i) Broad Gauge .. .. . 2,669.09

(ii) Meter Gauge .. .. . 3,886.06

3. Number of Railway Stations .. .. . 690

(a) Number of Sea Ports 1988-89 .. .. . 10

(e) Number of Air Ports 1988-89 .. .. . 4

(f) Post & Telegraph 1988-89—

1. Telegraph Offices .. .. . 88

2. Post Offices doing postal business alone .. .. . 7,120

3. Post Offices doing Post and Telegraphs business .. .. . 4,943

## (g) Telephones 1988-89—

(i) Number of Telephones in use	..	..	..	..	..	..	4,66,680
(ii) Number of Public Call Offices	..	..	..	..	..	..	9,030

## CO-OPERATION—1987-88—

(a) Co-operative Banks	..	..	..	..	..	..	335
(b) Agricultural Credit Societies	..	..	..	..	..	..	4,602
(c) Housing Co-operative Societies	..	..	..	..	..	..	1,386
(d) Employee Co-operative societies	..	..	..	..	..	..	1,549
(e) Lift Irrigation Societies..	..	..	..	..	..	..	39
(f) Weavers Co-operative Societies (1986-87)	..	..	..	..	..	..	1,667
(g) Industrial Co-operatives	..	..	..	..	..	..	579
(h) Khadi & Village Industries Societies	..	..	..	..	..	..	1,798
(i) Primary Co-operative Stores	..	..	..	..	..	..	3,358
(j) Co-operative Sugar Mills (1986-87)	..	..	..	..	..	..	12

*Registrations—1988-89—*

(a) Number of Registration Offices	..	570
(b) Aggregate value of property transferred (Rs. in crores).		2210
(c) Total Receipts (Rs. in crores)	..	20.6

*Community Development—1988-89—*

(a) Number of Development Districts	..	25
(b) Number of Blocks covered	..	384
(c) Population covered (lakhs)	.. ..	366.3
(d) Area covered (sq. km.)	.. ..	1,125.39
(e) Villages covered	.. .. ..	16,602

*Bank and Insurance—*

(a) Bank Offices (As on 31st December 1988)		56,796
(b) Insurance 1988-89		
(i) Offices	.. .. ..	121
(ii) Policies issued	.. .. ..	5,60,040
(iii) Sum assured (Rs. in crores)	..	1,431.44

*Trade—1987-88 (Rs. in lakhs)—*

(a) Value of Exports	.. .. ..	1,81,190
(b) Value of Imports	.. .. ..	2,98,918

*Legislature—*

1. Members of the Legislative Assembly—	
(a) Elected .. .. .	234
(b) Nominated .. .. .	1
2. Members of Parliament (Lok Sabha)—	39
3. Members of Parliament (Rajya Sabha)	18

*Police and Prisons 1988—*

(a) Police—

1. Police Force	
(i) Local .. .. .	35,599
(ii) Armed Reserve .. .. .	14,225
2. Police Stations .. .. .	1,034
3. Police Out posts .. .. .	184

(b) Prisons—

1. Central Prisons .. .. .	8
2. Other Prisons .. .. .	124

*Revenue Administrative Divisions 1988-89—*

(a) Revenue Districts .. .. .	20
(b) Revenue Divisions .. .. .	59
(c) Revenue Taluks .. .. .	170
(d) Revenue Firkas .. .. .	1,099
(e) Revenue Villages .. .. .	17,275



*Local Bodies 1988-89—*

(a) Corporations .. .. .	3
(b) Municipalities .. .. .	98
(c) Township Committees (Municipal Act)	8
(d) Township (Panchayats Act) .. ..	17
(e) Panchayat Unions .. .. .	384
(f) Town Panchayats .. .. .	628
(g) Village Panchayats .. .. .	12,616

*Cinema Theatres 1988-89—*

(a) Permanent :—

(i) Air-conditioned .. .. .	124
(ii) Non-Air-conditioned .. .. .	1,261
(b) Open Air Theatres .. .. .	9
(c) Semi-permanent .. .. .	232
(d) Touring .. .. .	955

*Nutritious Meals Programme 1988-89—*

(a) Total Centres .. .. .	63,861
(b) Total Beneficiaries .. .. .	79,10,640
(c) Old-age pensio Beneciaries ..	3,72,689

## SELECT ECONOMIC INDICATORS

### A. *Area and Population—*

1. Density of population per sq. km., (As per 1981 Census).	372 (P)
2. Literacy Rate (As per 1981 Census) ..	46.76
3. Percentage of workers to total population (As per 1981 Census).	41.73
4. Percentage of Scheduled Castes to total Population (As per 1981 Census).	18.35
5. Percentage of Scheduled Tribes to total population (As per 1981 Census).	1.07
6. Sex Ratio (Female per 1,000 males) (As per 1981 Census).	977
7. Percentage of Literate Scheduled Castes to Total Scheduled Castes population (As per 1981 Census).	29.67
8. Percentage of literate scheduled tribes to Total Scheduled Tribes population (as per 1981 Census).	20.46
9. Birth-rate (1987)	17.17
10. Death-rate (1987)	5.74
11. Infant Mortality Rate (1987)	29.25

### B. *State Income 1987-88—*

1. Per Capita Income at current Prices RS. ..	3,163
2. Nett State domestic product at current prices (RS. in lakhs).	17,03,392

**C. Agriculture and Irrigation 1988-89—**

1. Percentage of cultivated area to total area .. .. .	49.53
2. Nett area sown per Capita (hect) ..	10.25
3. Percentage of area sown more than once to nett area sown	16.30
4. Percentage of nett area Irrigated to nett area sown ..	42.8
5. Percentage of gross area Irrigated to gross area sown ..	44.5
6. Percentage of area under HYV to total under the Crop ..	
(a) Rice .. .. .	92.3
(b) Cholam .. .. .	44.9
(c) Cumbu .. .. .	62.7
(d) Ragi .. .. .	49.7

## 7. Yield-rate per hectare (Kgs.)—

(a) Rice	..	..	..	..	..	..	3,032
(b) Cholam	..	..	..	..	..	..	991
(c) Cumbu	..	..	..	..	..	..	1,125
(d) Ragi	..	..	..	..	..	..	1,754
(e) Maize	..	..	..	..	..	..	1,414
(f) Cotton	262 in bales of 170 Kgs. per lint each						
(g) Sugarcane—							
(i) Gur	..	..	..	Kgs.	..	..	11,193
(ii) Cane	..	..	..	(Tonne)	..	..	110

## 8. Number of Tractors (as per 1982 Livestock) per thousand hectares of netta,ea sown

3

9. Minimum wages paid to Agricultural Labourers per day in Rupees—1988-89

(a) Plough men				12.10
(b) Field Labourer	(i) Men	..	..	13.00
	(ii) Women	..	..	8.58
(c) Tending Cattle	(i) Men	..	..	8.15
	(ii) Women	..	..	4.65
(d) Other Agricultural Labourer	(i) Men	..	..	15.35
	(ii) Women	..	..	8.40

D. *Live Stock and Animal Husbandry—1988-89—*

1. Livestock served per veterinary Institution in numbers.	14,962
2. Number of villages served per Veterinary Institution.	21

## E. Electricity 1988-89—

## 1. Percentage of consumption electricity by purpose—

(a) Domestic	.. ..	12.53
(b) Commercial	..	7.16
(c) Industrial	.. ..	44.55
(d) Public Lighting	..	1.10
(e) Sales to licencees	..	3.40
(f) Agriculture	.. ..	76.43
(g) Sales to other States	..	0.42
(h) Miscellaneous	..	4.36

## 2. Percentage of villages electrified to total villages (A per 1981 Census).

F. *Employment* 1988—

Average daily employment in registered working factories per lakh of population (based on 1988 Projected population).. 1,279

G. *Medical* 1988-89—

Population served per (As per projected population 1988.)	(a) Medical Institution	4,450
	(b) Bed .. .. .	798
	(c) Doctor .. .. .	5,708
	(d) Nurse .. .. .	6,449

H. *Education* 1988-89—

1. Average number of students per Institution :

(a) Primary Stage .. .. .	258
(b) Middle Stage .. .. .	509
(c) High School Stage .. .. .	363
(d) Higher Secondary Stage .. .. .	236

## 2. Teacher—Pupil Ratio :

(a) Primary Stage .. .. .	64
(b) Middle Stage .. .. .	45
(c) High School Stage .. .. .	34
(d) Higher Secondary Stage.. .	32

3 Number of Primary (including pre-primary schools) Schools per lakh of population (1988 projected population) ..	54
4. Number of Middle schools per lakh of population (1988 Projected population)	10
5. Number of High Schools per lakh of population (1988 Projected population)	5
6. Number of Higher Secondary Schools per lakh of population (1988 Projected population).. .. .	

I. *Transport—*

1 Surfaced Road length per hundred sq. km. of area (Kms.) (1986-87) .. .. .	80.29
2. Surfaced Road length per 10,000 of population—1986-87 (1986 Projected population) .. .. .	19.85
3. Number of motor vehicles per 10,000 of population 1988-89 (1988 projected population) .. .. .	212



**J. *Communication*—(1988-89)—**

Population served per Post and Telegraph Office (1988  
Projected population). 4453

**K. *Community Development*—1988-89—**

Population served per community Development block .. 95,396

**L. *Small Savings*—1988-89—**

Per capita nett small saving (as per 1988 projected population) 32.5

**M. *Five-Year Plans*—1989-90—**

Percentage of Annual Plan Expenditure to total Outlay (Rs. in  
lakhs)—Budget Estimate—

(a) Agriculture and allied services .. .. . 9.10

(b) Industry and Minerals .. .. . 7.94

(c) Irrigation, Power and Flood control .. .. . 5.36

(d) Others .. .. . 77.60



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## STATISTICAL TABLES

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## 1. AREA AND POPULATION.

TABLE 1.1.

AREA, POPULATION, LITERATES, SCHEDULED CASTES AND SCHEDULED TRIBES  
BY DISTRICTS

(1981 CENSUS).

<i>State/District.</i>	<i>Area (Sq.km.)</i>	<i>Region.</i>	<i>Population.</i>		
			<i>Persons.</i>	<i>Males.</i>	<i>Females.</i>
(1)	(2)	(3)	(4)	(5)	(6)
State .. ..	130,058.0	Total	48,408,077	24,487,624	23,920,453
	124,197.3	Rural	32,456,202	16,334,231	16,121,971
	5,860.7	Urban	15,951,875	8,153,393	7,798,482
1 Madras ..	170.0(P)	Total	32,76,622	1,694,107	1,582,515
	..	Rural	..	..	..
	170.0	Urban	32,76,622	1,694,107	1,582,515

2. Chengai-Anna	7,863.0	Total	3,616,508	1,848.124	1,768.384
	7,213.9	Rural	2,208,722	1,119,065	1,089,657
	649.1	Urban	1,407,786	729,059	678,727
3 North Arcot .. Ambedkar and Thiruvannamalai Sambuvarayar.	12,268.0	Total	4,414,324	2,230,559	2,183,765
	12,012.1	Rural	3,398,795	1,717,064	1,681,731
	255.9	Urban	1,015,529	513,495	502,034
4. South Arcot ..	10,895.0	Total	4,201,869	2,130,444	2,071,425
	10,611.3	Rural	3,542,246	1,794,416	1,747,830
	288.7	Urban	659,623	336,028	323,595
5. Dharmapuri ..	9,622.0	Total	1,997,060	1,019,362	977,698
	9,551.3	Rural	1,809,876	923,195	886,681
	70.7	Urban	187,184	96,167	91,017
6. Salem ..	8,650.0	Total	3,441,717	1,765,822	1,675,895
	8,343.4	Rural	2,446,054	1,254,878	1,191,176
	306.6	Urban	995,663	510,944	484,719

TABLE 1.1—*con*

State/District.	Area (Sq. km.)	Region.	Population.		
			Persons.	Males.	Females.
(1)	(2)	(3)	(4)	(5)	(6)
7. Periyar ..	8,209.0	Total	2,068,462	1,057,599	1,010,863
	8,034.9	Rural	1,613,259	823,074	790,185
	174.1	Urban	455,203	234,525	220,678
8 Coimbatore ..	7,469.0	Total	3,060,184	1,569,570	1,490,614
	6,566.0	Rural	1,516,013	770,077	745,936
	903.0	Urban	1,544,171	799,493	744,678
9. The Nilgiris ..	2,549.0	Total	630,169	321,995	308,174
	1 836.8	Rural	322,321	162,438	159,883
	712.2	Urban	307,848	159,557	148,291

10. Madurai ..	6,901.5(P) Total	2,970,224	1,505,873	1,464,351
	6,608.8 Rural	1,664,889	838,499	826,390
	292.7 Urban	1,305,335	667,374	637,961
11. Dindigul Quaid-E-Millat	6,395.4 (P) Total	1,565,673	790,741	774,932
	6,283.9 Rural	1,227,396	618,671	608,725
	111.5 Urban	338,277	172,070	166,207
12. Tiruchirappalli	11,095.0(P) Total	3,612,320	1,819,668	1,792,652
	10,745.4 Rural	2,668,596	1,337,866	1,330,730
	349.6 Urban	943,724	481,802	461,922
13. Thanjavur ..	8,280.0(P) Total	4,063,545	2,043,724	2,019,821
	7,955.5 Rural	3,126,588	1,572,571	1,554,017
	324.5 Urban	936,957	471,153	465,804
14. Pudukkottai ..	4,661.0(P) Total	1,156,813	576,335	580,478
	4,604.9 Rural	1,003,145	498,681	504,464
	56.1 Urban	153,668	77,654	76,014

TABLE 1.1.—*cont*

State District.	Area (Sq. km.)	Region.	Population.		
			Persons.	Males.	Females.
(1)	(2)	(3)	(4)	(5)	(6)
15. Kamarajar ..	4,270.3(P)	Total	1,340,907	669,772	671,135
	4,179.4	Rural	869,335	431,458	437,877
	90.9	Urban	471,572	238,314	233,258
16. Pasumpon Thevar Thirumagan	4,126.5(P)	Total	972,756	475,554	497,202
	3,954.3	Rural	719,148	348,958	370,190
	172.2	Urban	253,608	126,596	127,012
17. Ramanatha- puram.	4,221.0(P)	Total	1,021,774	503,096	518,678
	4,038.1	Rural	806,000	395,050	410,950
	182.9	Urban	215,774	108,046	107,728



18. Tirunelveli Kattabomman.	6,779.7(P) Total	2,223,170	1,091,018	1,132,152
	6,461.6 Rural	1,520,199	742,375	777,824
	318.1 Urban	702,971	348,643	354,328
19. Chidambaranar	4,649.3(P) Total	1,350,581	657,303	693,278
	4,255.1 Rural	815,753	391,989	423,764
	394.2 Urban	534,828	265,314	269,514
20. Kanniyakumari.	1,684.0 Total	1,423,399	716,958	706,441
	1,641.3 Rural	1,177,867	593,906	583,961
	42.7 Urban	245,532	123,052	122,480

TABLE 1.1—cont.

<i>State/ District.</i>				<i>Literates.</i>		
				<i>Persons.</i>	<i>Males.</i>	<i>Females.</i>
(1)				(7)	(8)	(9)
State	..	..	..	22,637,659	14,267,331	8,370,328
				12,516,223	8,356,454	4,159,769
				10,121,436	5,910,877	4,210,559
1. Madras	..	..	..	2,241,149	1,280,772	960,377
				..	..	..
				2,241,149	1,280,772	960,377
2. Chengai-Anna	..	..		1,735,904	1,103,788	632,116
				855,250	575,640	279,610
				880,654	528,148	352,506

3. North Arcot, Ambedkar and- Thiruvannamalai- Sambuvarayar.			1,805,086	1,192,829	612,257
			1,228,244	849,926	378,318
			576,842	342,903	233,939
4. South Arcot .. ..			1,545,288	1,052,086	493,202
			1,139,191	813,383	325,808
			406,097	238,703	167,394
5. Dharmapuri .. ..			579,163	397,306	181,857
			474,949	334,728	140,221
			104,214	62,578	41,636
6. Salem .. ..			1,352,381	881,948	470,433
			799,698	548,267	251,431
			552,683	333,681	2,19,002
7. Periyar .. ..			823,494	547,428	276,066
			553,803	384,123	169,680
			269,691	163,305	106,386

TABLE 1.1—cont.

State/District. (1)	Literates.		
	Persons. (7)	Males. (8)	Females. (9)
8. Coimbatore .. ..	1,625,083	1,005,175	619,908
	635,859	418,466	217,393
	989,224	586,709	402,515
9. The Nilgiris .. ..	356,168	218,122	138,046
	165,056	103,850	61,206
	191,112	114,272	76,840
10. Madurai .. ..	1,506,144	942,121	564,023
	663,775	450,774	213,001
	842,369	491,347	351,022

11. Dindigul Quaid-E-Millat:		642,201	423,836	218,365
		439,100	303,932	135,168
		203,101	119,904	83,197
12. Tiruchirappalli .. ..		1,647,804	1,063,290	584,514
		1,013,981	696,507	317,474
		633,823	366,783	267,040
13. Thanjavur .. ..		2,046,358	1,280,056	766,302
		1,436,077	929,547	506,530
		610,281	350,509	259,772
14. Pudukkottai .. ..		447,619	309,143	138,476
		349,871	251,763	98,108*
		97,748	57,380	40,368
15. Kamarajar .. ..		639,393	406,809	232,584
		353,044	236,032	117,012
		286,349	170,777	115,572

TABLE 1.1—cont.

<i>State  District.</i>	<i>Literates.</i>		
	<i>Persons.</i>	<i>Males.</i>	<i>Females.</i>
(1)	(7)	(8)	(9)
16. Pasumpon Thevar Thirumagan.	434,608	281,396	153,212
	272,455	187,448	85,007
	162,153	93,948	68,205
17. Ramanathapuram .. ..	437,472	283,005	154,467
	306,001	206,299	99,702
	131,471	76,706	54,765
18. Tirunelveli-Kattabomman ..	1,105,910	675,755	430,155
	687,193	429,054	258,139
	418,717	246,701	172,016

19. Chidambaranar	..	..	757,540	430,967	326,573
			414,697	241,015	173,682
			342,843	189,952	152,891
20. Manniyakumari	...	..	908,894	491,499	417,395
			727,979	395,700	332,279
			180,915	95,799	85116

TABLE 1.1—cont.

<i>State District</i>				<i>Scheduled Castes</i>		
				<i>Persons</i> (10)	<i>Males</i> (11)	<i>Females</i> (12)
(1)						
<b>State</b>	..	..	..	8,881,295	4,485,332	4,395,963
				7,090,664	3,576,237	3,514,427
				1,790,631	909,095	881,536
<b>1 Madras</b>	..	..	..	4,37,916	2,24,863	213,053
				..	..	..
<b>2 Chengai-Anna</b>		..	..	4,37,916	2,24,863	213,053
				947,789	481,145	466,644
				732,890	371,848	361,042
				214,899	109,297	105,602



3 North Arcot Ambedkar and	877,804	441,700	436,104
Thiruvannamalai Sambuvarayar.	741,758	373,609	368,149
	136,046	68,091	67,955
4 South Arcot .. ..	1,091,353	552,485	538,863
	1,011,447	512,179	499,268
	79,906	40,306	39,600
5 Dharmapuri .. ..	276,714	141,499	135,215
	260,948	133,503	127,445
	15,766	7,996	7,770
6 Salem . ..	560,267	286,928	273,339
	463,298	237,626	225,672
	96,969	49,302	47,667
7 Periyar .. ..	538,477	172,614	165,863
	297,057	151,532	145,525
	41,420	21,082	20,338

TABLE 1.1—cont.

<i>State/District.</i>	<i>Scheduled Castes.</i>		
	<i>Persons.</i> (10)	<i>Males.</i> (11)	<i>Females.</i> (12)
(1)			
8 Coimbatore .. ..	496,855	251,906	244,949
	297,166	150,811	[146,355
	199,689	101,095	98,594
9 The Nilgiris .. ..	145,174	73,200	[71,974
	70,889	35,621	35,268
	74,285	37,579	36,706
10 Madurai (P) .. ..	410,842	207,940	]202,902
	326,148	164,815	161,333
	84,694	43,125	41,569

11 Dindigul Quaid-E-Millat (P)		284,400	143,864	140,536
		253,606	128,245	125,361
		30,794	15,619	15,175
12 Tiruchirappalli .. ..		672,697	337,013	335,684
		583,888	291,770	292,118
		88,809	45,243	43,566
13 Thanjavur .. ..		943,343	478,133	465,210
		869,739	440,622	429,117
		73,604	37,511	36,093
14 Pudukkottai .. ..		191,732	96,126	95,606
		178,907	89,496	89,411
		12,825	6,630	6,195
15 Kamarajar .. ..		232,908	117,032	115,876
		192,585	96,640	95,945
		40,323	20,392	19,931

TABLE 1.1—*cont.*

<i>State/District.</i>	<i>Scheduled Castes.</i>		
	<i>Persons.</i>	<i>Males.</i>	<i>Females.</i>
(1)	(10)	(11)	(12)
16 Pasumpon Thevar Thirumagan.	147,063	72,037	75,026
	130,385	63,434	66,951
	16,678	8,603	8,075
17 Ramanathapuram .. ..	176,320	88,422	87,898
	160,851	80,624	80,227
	15,469	7,798	7,671
18 Tirunelveli Kattabomman ..	377,477	183,554	193,923
	302,628	146,970	155,658
	74,849	36,584	38,265

19 Chidambaranar	..	..	211,991	104,822	107,169
			165,176	81,380	83,796
			46,815	23,442	23,373
20 Kannivakumari	..	..	60,173	30,049	30,124
			51,298	25,512	25,786
			8,875	4,537	4,338

TABLE 1.1—cont.

<i>State/District</i>	<i>Scheduled Tribes</i>		
	<i>Persons</i>	<i>Males</i>	<i>Females</i>
(1)	(13)	(14)	(15)
<b>State</b> .. ..	520,226	264,288	255,938
	469,810	238,801	231,009
	50,416	25,487	24,929
<b>1 Madras</b> .. ..	5,373	2,733	2,640
	..	..	..
	5,373	2,733	2,640
<b>2 Chengai-Anna</b> .. ..	46,050	23,468	22,582
	36,874	18,798	18,076
	9,176	4,670	4,506

3 North Arcot Ambedkar and Thiruvannamalai Sambuvarayar.	93,690	48,079	45,611
	89,557	46,014	43,543
	4,133	2,065	2,068
4 South Arcot .. ..	53,775	27,791	26,384
	51,960	26,453	25,507
	1,815	938	877
5 Dharmapuri .. ..	46,074	23,735	22,339
	44,986	23,189	21,797
	1,088	546	542
6 Salem .. ..	122,444	62,014	60,430
	121,193	61,358	59,835
	1,251	656	595
7 Periyar .. ..	15,191	7,835	7,356
	14,193	7,320	6,873
	998	515	483

TABLE 1.1—cont.

<i>State/District</i>	<i>Scheduled Tribes</i>		
	<i>Persons</i>	<i>Males</i>	<i>Females</i>
(1)	(13)	(14)	(15)
8 Coimbatore .. .. .	22,358	11,596	10,762
	20,487	10,628	9,859
	1,871	968	903
9 The Nilgiris .. .. .	20,874	10,507	10,367
	14,433	7,278	7,155
	6,441	3,229	3,212
10 Madurai (P) .. .. .	8,018	4,060	3,95
	4,885	2,491	2,394
	3,133	1,569	1,564



11. Dindigul Quaid-E-Millat (P)		5,628	2,826	2,802
		3,893	1,950	1,943
		1,735	876	859
12. Tiruchirappalli .. ..		48,294	24,061	24,233
		44,627	22,224	22,403
		3,667	1,837	1,830
13. Thanjavur .. ..		6,012	3,006	3,006
		2,653	1,361	1,292
		3,359	1,645	1,714
14. Pudukkottai .. ..		1,516	722	794
		1,217	575	642
		299	147	152
15 Kamarajar. .. ..		4,301	2,041	2,260
		3,378	1,592	1,786
		923	449	474

TABLE 1.1—cont.

<i>State District</i>	<i>Scheduled Tribes</i>		
	<i>Persons</i>	<i>Males</i>	<i>Females</i>
(1)	(13)	(14)	(15)
16. Pasumpon Thevar Thirumagan.	1,621	817	804
	761	385	372
	860	428	432
17. Ramanathapuram .. ..	695	363	332
	150	28	22
	645	335	310
18. Tirunelveli Kattabomman ..	6,281	3,062	3,219
	4,295	2,047	2,248
	1,986	1,015	971

19. Chidambaranar	)..	..	5,673	2,725	2,948
			4,506	2,125	2,381
			1,167	600	567
20. Kammyakumari	..	..	6,358	3,247	3,111
			5,862	2,981	2,881
			496	266	230

NOTE.—The total of the District area figures will not tally with the State Area figures as the bifurcated district area figures are arrived by adding the respective village/taluk figures. As per Census 1981 the total of the area figures of the taluks will not tally with the district figures because the taluk area figures represent the 'Land use' area and derived from the figures supplied by the Tamil Nadu Directorate of Survey and Land Records while those of the district represent 'Geographical Area' supplied by the Surveyor-General of India.

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*Source:* Census of India 1981.

TABLE 1.2

POPULATION BY BROAD INDUSTRIAL CATERIGORIES OF WORKERS 1981.

<i>Serial number and Industrial Category.</i>	<i>Tamil Nadu.</i>		<i>All India.</i>	
	<i>Persons.</i>	<i>Percentage to total workers.</i>	<i>Persons.</i>	<i>Percentage to total workers.</i>
(1)	(2)	(3)	(4)	(5)
1. Total Main Workers ..	19,026,393	94.20	22,25,16,574	90.96
(a) Cultivators .. ..	5,559,103	27.52	9,25,22,835	37.82
(b) Agricultural Labourers	6,037,601	29.89	5,54,99,704	22.69
(c) Household Industry, Manufacturing, Processing, Servicing and Repairs	898,277	4.45	7,710,920	3.15
(d) Other Workers ..	6,531,412	32.34	66,783,115	27.30

Marginal Workers .. ..	1172,397	5.80	22,088,412	9.04
Total Workers	20,198,790	100.00	244,604,986	100.00
Non-Workers ..	28,209,287	..	420,682,863	..
Total Population ..	48,408,077	..	665,287,849	..

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*Source : Census of India, 1981*

**TABLE 1.3**  
**POPULATION BY RELIGION 1981**

<i>Religion.</i>			<i>Persons in Tamil Nadu.</i>	<i>Variation since 1971.</i>	<i>Percentage.</i>	
					<i>Tamil Nadu.</i>	<i>All India.</i>
(1)			(2)	(3)	(4)	(5)
Hindus	..	..	43,016,546	+ 17.29	88.86	82.64
Muslim	..		2,519,947	+ 19.78	5.21	11.35
Christian	..	..	2,798,048	+ 18.17	5.78	2.43
Sikhs	..	..	4,395	+ 0.92	0.01	1.96
Buddhists	..	..	735	- 35.98	N	0.71
Jains	..	..	49,564	+ 20.60	0.10	0.48

Other Religions	..	..	16,972	+	179.14	0.04	0.42
Religion not stated	..	..	1,870	+	171.01	N	0.01
Total Population	..	..	48,408,077		..	100.00	100.00

*Source : Census of India, 1981.*

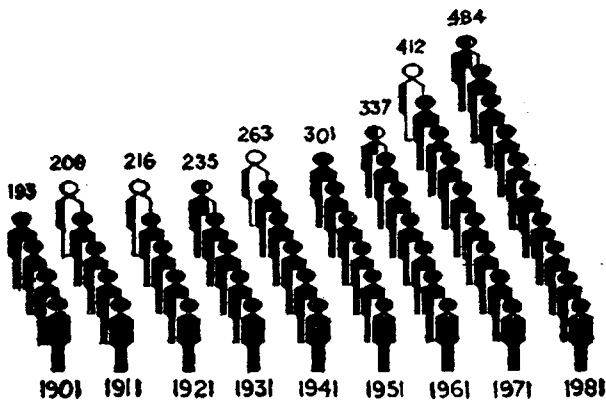
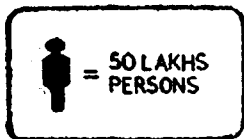
**TABLE 1.4**  
**POPULATION BY AGE GROUPS.**

<i>Age Groups.</i>	<i>Persons in Tamil Nadu 1981 in '00'.</i>	<i>Percentage to total in Tamil Nadu.</i>	<i>Percentage to total in All India.</i>
(1)	(2)	(3)	(4)
0-14 .. ..	168,318	34.77	39.70
15-29 .. ..	131,093	27.08	26.13
30-44 .. ..	92,754	19.16	17.22
45-50 .. ..	60,391	12.48	10.74
60 + .. ..	31,525	6.51	6.21
Total ..	484,081	100.00	100.00

*Source* : Export Committee on population Projections, Registrar General of India, New Delhi.



# DECENNIAL GROWTH OF POPULATION IN TAMIL NADU



DEPT. OF STATISTICS, MADRAS-6

**TABLE 1.5**  
**POPULATION OF TAMIL NADU DECENNIAL GROWTH**  
**(SINCE 1901 TO 1981)**

<i>Period.</i>		<i>Region.</i>	<i>Population.</i>	<i>Percentage variation since previous Census.</i>
(1)		(2)	(3)	(4)
1901	.. ..	Total	19,252,630	..
		Rural	16,527,849	..
		Urban	2,724,781	..

1911	..		<b>Total</b>	<b>20,902,616</b>	<b>+</b>	<b>8.57</b>
			<b>Rural</b>	<b>17,753,479</b>	<b>+</b>	<b>7.41</b>
			<b>Urban</b>	<b>3,149,137</b>	<b>+</b>	<b>15.57</b>
1921	..	..	<b>Total</b>	<b>21,628,518</b>	<b>+</b>	<b>3.47</b>
			<b>Rural</b>	<b>18,200,439</b>	<b>+</b>	<b>2.52</b>
			<b>Urban</b>	<b>34,28,079</b>	<b>+</b>	<b>8.86</b>
1931	..	..	<b>Total</b>	<b>23,472,099</b>	<b>+</b>	<b>8.52</b>
			<b>Rural</b>	<b>19,241,717</b>	<b>+</b>	<b>5.72</b>
			<b>Urban</b>	<b>4,230,382</b>	<b>+</b>	<b>23.40</b>
1941	..	..	<b>Total</b>	<b>26267507</b>	<b>+</b>	<b>11.91</b>
			<b>Rural</b>	<b>21093825</b>	<b>+</b>	<b>9.63</b>
			<b>Urban</b>	<b>5173682</b>	<b>+</b>	<b>22.30</b>
1951	..	..	<b>Total</b>	<b>30,119,047</b>	<b>+</b>	<b>14.66</b>
			<b>Rural</b>	<b>22,785,522</b>	<b>+</b>	<b>8.02</b>
			<b>Urban</b>	<b>7,333,525</b>	<b>+</b>	<b>41.75</b>

TABLE 1.5—*cont.*

<i>Period.</i>			<i>Region.</i>	<i>Population.</i>	<i>Percentage variation since previous Census.</i>	
(1)	(2)	(3)	(4)			
1961	.. ..	Total	33,686,953	+	11.85	
		Rural	24,696,425	+	8.39	
		Urban	8,990,528	+	22.59	
1971	.. ..	Total	41,199,168	+	22.30	
		Rural	28,734,334	+	16.35	
		Urban	12,464,834	+	38.64	

1981		Total	48,408,077	+	17.50
		Rural	32,456,202	+	12.95
		Urban	15,951,875	+	27.98

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*Source:* Census of India, 1971 part II A and 1981 Census Part II B for  
 Tamil Nadu.

TABLE 1.6.  
DISTRICT WISE DENSITY SEX RATIO PERCENTAGE INCREASE IN POPULATION  
SINCE 1971.

<i>Serial number and district/State.</i>	<i>Density per Sq. Km.</i>	<i>Females per 1,000 males.</i>	<i>Increase in population since 1971 per cent.</i>
(1)	(2)	(3)	(4)
1 Madras .. .. .	19,274(P)	934	27.04
2 Chengai Anna .. .. .	460	957	24.38
3 North Arcot Ambedkar and Thiruvannamalai.. .. .	360	979	17.53
Sambuvarayar .. .. .			
4 South Arcot .. .. .	386	972	16.15
5 Dharmapuri .. .. .	208	959	19.03
6 Salem .. .. .	398	949	15.01
7 Periyar .. .. .	252	956	15.11

8	Coimbatore	..	..	..	410	950	18.79
9	The Nilgiris	..	..	..	247	957	27.55
10	Madurai	..	..	..	430 (p)	972	21.79
11	Dindugal Quid-e-Millat	..			245 (p)	980	11.89
12	Tiruchirappalli	..	..	..	326 (p)	985	13.16
13	Thanjavur	..	..	..	491 (p)	988	14.46
14	Pudukkottai	..	..	..	248 (p)	1,007	22.11
15	Kamarajar	..	..	..	314 (p)	1,002	16.45
16	Pasumpon Thevar Thirumagan	..			236 (p)	1,046	12.44
17	Ramanathapuram	..	..	..	242	1,031	21.12
18	Tirunelveli Kattabomman	..			328 (p)	1,038	11.73
19	Chidambaranar	..	..	..	291 (p)	1,055	11.62
20	Kanniyakumari	..	..	..	845	985	16.43
	Tamil Nadu	..			<u>372 (p)</u>	<u>977</u>	<u>17.50</u>

TABLE 1.6—cont.

<i>Serial number and District/State</i>	<i>Urban population per cent.</i>	<i>Literacy per cent.</i>	<i>Urban area per cent.</i>
(1)	(5)	(6)	(7)
1 Madras .. .. .	100.00	68.40	100.00
2 Chengai Anna .. .. .	38.93	48.00	8.26
3 North Arcot Ambedkar. and Thiruvannamalai Sambuvarayar .. .. .	23.01	40.89	2.09
4 South Arcot .. .. .	15.70	36.78	2.60
5 Dharmapuri .. .. .	9.37	29.00	0.73
6 Salem .. .. .	28.93	39.29	3.54
7 Periyar .. .. .	22.01	39.81	2.12
8 Coimbatore .. .. .	50.46	53.10	12.09
9 The Nilgiris .. .. .	48.85	56.52	27.94



10	Madurai .. .. .	43.95	50.71	4.24
11	Dindugal Quid-e-Millat ..	21.61	41.02	1.74
12	Tiruchirappalli .. .. .	26.13	45.62	3.15
13	Thanjavur .. .. .	23.06	50.36	3.92
14	Pudukkottai .. .. .	13.28	38.69	1.20
15	Kamarajar .. .. .	35.17	47.68	2.13
16	Pasumpon Thevar Thirumagan.	26.07	44.68	4.17
17	Ramanathapuram .. .. .	21.12	42.81	4.33
18	Tirunelveli Kattabomman ..	32.00	49.74	4.69
19	Chidambaranar .. .. .	39.60	56.09	8.48
20	Kanniyakumari .. .. .	17.25	63.85	2.54
		<hr/>	<hr/>	<hr/>
	Tamil Nadu ..	32.95	46.76	4.51
		<hr/>	<hr/>	<hr/>

TABLE 1.6—*cont.*

<i>Serial number and District/State.</i>	<i>Scheduled castes per cent.</i>	<i>Scheduled tribes per cent.</i>	<i>Scheduled castes and scheduled tribes per cent.</i>
(1)	(8)	(9)	(10)
1 Madras .. .. .	13.36	0.16	13.52
2 Chengai Anna .. .. .	26.21	1.27	27.48
3 North Arcot Ambedkar and Thiruvannamalai Sambuvarayar .. .. .	19.89	2.12	22.01
4 South Arcot .. .. .	25.97	1.28	27.25
5 Dharmapuri .. .. .	13.86	2.31	16.17
6 Salem .. .. .	16.28	3.56	19.84
7 Periyar .. .. .	16.38	0.73	17.09
8 Coimbatore .. .. .	16.24	0.73	16.97
9 The Nilgiris .. .. .	23.04	3.31	26.35

10	Madurai .. .. .	13.83	0.27	14.10
11	Dindugal Quid-e-Miljat.. ..	18.16	0.36	18.52
12	Tiruchirappalli .. .. .	18.62	1.34	19.96
13	Thanjavur .. .. .	23.21	0.15	23.36
14	Pudukkottai .. .. .	16.57	0.13	16.70
15	Kamarajar .. .. .	17.37	0.32	17.69
16	Pasumpon Thevar Thirumagan ..	15.12	0.16	15.28
17	Ramanathapuram .. .. .	17.26	0.06	17.32
18	Tirunelveli Kattabomman ..	16.98	0.28	17.26
19	Chidambaranar .. .. .	15.70	0.42	16.12
20	Kanniyakumari .. .. .	4.23	0.45	4.68
	Tamil Nadu ..	<u>18.35</u>	<u>1.07</u>	<u>19.44</u>

Source : Census of India, 1981

## 2. VITAL STATISTICS

TABLE 2.1

BIRTHS AND DEATH BY DISTRICTS 1987

<i>Serial number and district.</i>	<i>Mid year estimated. population.</i>	<i>Births.</i>	<i>Birth rate.</i>
(1)	(2)	(3)	(4)
1 Madras .. ..	38,42,400	1,03,845	27.03
2 Chengai Anna .. ..	42,92,300	64,502	15.03
3 South Arcot .. ..	46,35,200	77,270	16.67
4 North Arcot Ambedkar .. and Thiruvannamalai .. Sambuvarayar	49,08,500	93,869	19.12
5 Salem .. ..	37,71,600	55,177	14.63
6 Dharmapuri .. ..	22,39,800	28,462	12.71
7 Periyar .. ..	22,68,100	34,280	15.11
8 Coimbatore .. ..	34,27,400	58,604	17.10
9 The Nilgiris .. ..	7,41,100	10,425	14.07

10	Ghanjavur .. ..	44,38,800	78,337	17.65
11	Tiruchirappalli .. ..	39,16,000	62,793	16.03
12	Pudukkottai .. ..	13,20,100	14,937	11.32
13	Dindigul Quaid-E-Millat ..	17,16,000	27,299	15.91
14	Madurai .. ..	32,59,300	63,762	19.56
15	Ramanathapuram .. ..	11,40,600	14,738	12.92
16	Kamarajar .. ..	14,83,300	24,139	16.27
17	Pasumpon Thevar Thirumagan	10,65,700	13,783	12.93
18	Tirunelveli Kattabomman	23,88,800	39,579	16.57
19	Chidambaranar .. ..	14,51,200	24,496	16.88
2)	Kanniyakumari .. ..	15,72,800	34,775	22.11
		<hr/>	<hr/>	<hr/>
	Total ..	5,38,79,000	9,25,072	17.17
		<hr/>	<hr/>	<hr/>

TABLE—2.1—*cont.*

<i>Serial number and district.</i>	<i>Deaths</i>	<i>Death rate.</i>	<i>Infant deaths</i>	<i>Infant mortality rate.</i>
(1)	(5)	(6)	(7)	( )
1 Madras .. ..	29,927	7.79	4,593	44.23
2 Chengai Anna .. ..	20,796	4.84	1,154	17.89
3 South Arcot .. ..	27,311	5.89	3,105	40.18
4 North Arcot Ambedkar and Thiruvannamalai Sambuvarayar .. ..	31,271	6.37	3,422	36.46
5 Salem .. ..	17,072	4.53	1,884	34.14
6 Dharmapuri .. ..	8,496	3.79	355	12.47
7 Periyar .. ..	14,230	6.27	876	25.55
8 Coimbatore .. ..	22,044	6.43	1,471	25.10

9	The Nilgiris	..	..	2,597	3.51	308	9.54
10	Thanjavur	..	..	27,769	6.24	1,759	22.45
11	Tiruchirappalli	..	..	27,243	6.96	1,495	23.81
12	Pudukkottai	..	..	5,006	3.79	87	12.52
13	Dindigul Quaid-E-Millat	..	..	10,118	5.90	950	34.80
14	Madurai	..	..	19,388	5.95	1,998	31.34
15	Ramanathapuram	..	..	3,840	3.37	216	14.66
16	Kamarajar	..	..	8,548	5.76	637	26.39
17	Pasumpon Thevar Thirumagan			4,768	4.47	273	19.81
18	Tirunelveli Kattabomman			12,475	5.22	919	23.22
19	Chidambaranar	..	..	6,796	4.68	499	20.37
20	Kanniyakumari	..	..	9,785	6.22	953	27.40
	Total	..	..	3,09,482	5.74	27,054	29.25

*Source* : Director of Public Health and Preventive Medicine, Madras.

**TABLE-2.2**  
**BIRTH, DEATH AND INFANT MORTALITY RATES IN TAMIL NADU**  
 1981-87

<i>Year.</i>	<i>Birth Rate.</i>	<i>Death Rate.</i>	<i>Infant Mortality Rate.</i>
(1)	(2)	(3)	(4)
1981 .. ..	18.94	5.98	33.22(R)
1982 .. ..	18.32	5.86	30.11(R)
1983 .. ..	18.79	6.20	32.51
1984 .. ..	17.98	5.73(R)	29.86
1985 .. ..	17.07	5.39	28.47
1986 .. ..	17.26	5.54	28.51(R)
1987 .. ..	17.17	5.74	29.25

*Source* : Director of Public Health and Preventive Medicine, Madras.



**TABLE 2.3**  
**DEATH BY CAUSES, 1987.**

<i>Cause.</i>	<i>Number of Death.</i>	<i>Death Rate.</i>
(1)	(2)	(3)
1 Cholera .. .. .	107	0.002
2 Small Pox .. .. .	..	..
3 Dysentery .. .. .	3,191	0.059
4 Malaria .. .. .	3	..
5 Diarrohea .. .. .	7,630	0.142
6 Plague .. .. .	..	..
7 Other fever .. .. .	43,319	0.804
8 Respiratory disease.. .. .	17,395	0.323

TABLE 2.3—cont.

<i>Causes.</i>	<i>Number of Death.</i>	<i>Death Rate.</i>
(1)	(2)	(3)
9 Suicide .. .. .	3,982	0.074
10 Wounds and Accidents .. .. .	7,092	0.132
11 Snake bite .. .. .	1,101	0.020
12 Killed by Wild Beasts .. .. .	52	0.001
13 Maternal death .. .. .	1,417	0.026
14 Rabies .. .. .	261	0.005
15 All Other Causes .. .. .	2,23,932	4.156
Total ..	3,09,482	5.74

*Source :* Director of Public Health and Preventive Medicine, Madras.

TABLE 2.4

## EXPECTATION OF LIFE AT BIRTH

<i>Period.</i>	<i>Tamil Nadu.</i>		<i>South Zone.</i>		<i>India.</i>	
	<i>Males.</i>	<i>Females.</i>	<i>Males.</i>	<i>Females.</i>	<i>Males.</i>	<i>Females.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1891-1901 ..	26.21	27.13	..	..	23.60	23.96
1901-1911 ..	25.92	27.65	..	..	22.59	23.31
1911-1921 ..	19.75	24.23	..	..	19.42	20.91
1921-1931 ..	28.71	30.94	..	..	26.91	26.56
1931-1941 ..	35.03	36.17	..	..	32.09	31.37
∞ 1941-1951 ..	36.22	37.23	..	..	32.45	31.66

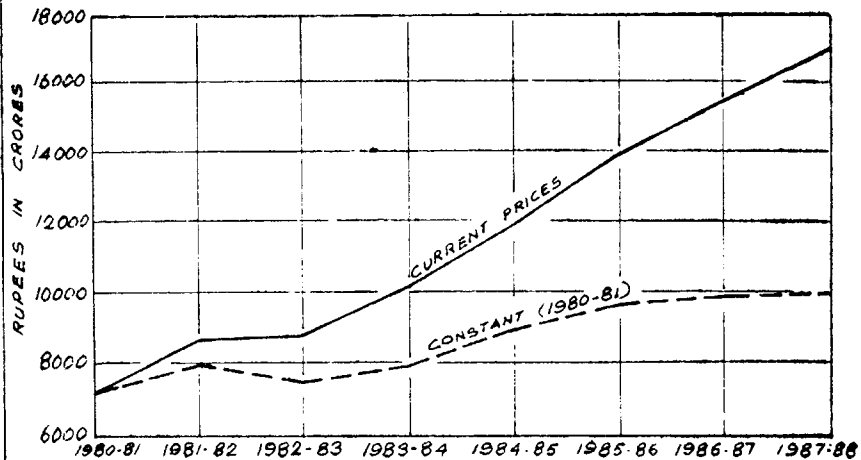
TABLE 2.4—cont.

Period.	Tamil Nadu.		South Zone.		India.		
	Males.	Females.	Males.	Females.	Males.	Females.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1951-1961	..	41.09	39.24	41.09	39.24	41.89	40.55
1961-1971	..	47.50	46.50	47.52	46.40	46.40	44.70
1971-1981	..	52.50	51.90	NA	NA	51.40	50.20

NOTE.—The assumed rates refer to All-India's standardised rate adopted by R.G. of India *vide* Report of the Expert Committee on Population Projection Table-1

Source : Report of the Expert Committee on Population Projection.

# STATE INCOME



## 3. STATE INCOME

TABLE 3.1

NETT STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN AT  
CURRENT PRICES.

STATE : TAMIL NADU

(RUPEES IN LAKHS.)

<i>Industry.</i>	1980-81	1984-85	1985-86	1986-87 P.R.	1987-88 Q.E.
(1)	(2)	(3)	(4)	(5)	(6)
1 Agriculture and Allied Activities ..	1,77,319	2,99,074	3,57,326	3,81,090	4,06,909
2 Forestry and Logging ..	1,698	2,179	2,518	3,142	3,551
3 Fishing .. ..	4,542	8,016	7,576	7,878	8,065
4 Mining and Quarrying ..	3,503	7,157	7,198	7,416	7,873
SUB-TOTAL : PRIMARY ..	1,87,062	3,16,426	3,74,618	3,99,526	4,26,398
5.1. Manufacturing (Under Factories Act).	107,907	1,85,216	2,06,145	2,41,220	2,75,130

5.2 Manufacturing (Others)	89,992	1,40,150	1,70,618	1,81,301	1,92,255
6 Construction ..	40,689	65,334	75,538	84,602	94,754
7 Electricity, Gas and Water Supply ..	3,140	4,924	15,369	14,141	15,565
<b>SUB-TOTAL : SECONDARY</b>	<b>2,41,728</b>	<b>3,95,624</b>	<b>4,67,733</b>	<b>5,21,264</b>	<b>5,77,704</b>
8.1 Railways : .. ..	2,556	5,378	6,682	8,463	8,463
8.2 Transport by other means and Storage	32,750	65,351	78,003	92,802	1,10,802
8.3 Communication .. ..	6,868	12,326	13,498	17,322	17,322
9 Trade, Hotels and Restaurants	1,21,754	1,81,998	2,07,253	2,25,842	2,47,119
<b>SUB-TOTAL : TRANSPORT, COMMUNICATION AND TRADE.</b>	<b>1,63,928</b>	<b>2,65,053</b>	<b>3,05,436</b>	<b>3,44,429</b>	<b>3,83,706</b>
10 Banking and Insurance ..	23,462	53,888	62,163	71,064	71,064
11 Real Estate, Ownership of Dwellings and Business Services.	36,011	55,414	64,832	75,951	89,110
<b>SUB-TOTAL : FINANCE AND REAL ESTATE.</b>	<b>59,473</b>	<b>1,09,302</b>	<b>1,26,995</b>	<b>1,47,015</b>	<b>1,60,174</b>

TABLE 3.1—cont.

(RUPEES IN LAKHS)

<i>Industry.</i>		1980-81	1984-85	1985-86	1986-87
(1)		(2)	(3)	(4)	(5)
12 Public Administration ..	25,677	40,716	44,355	48,802	54,573
13 Other Services .. ..	43,948	75,654	77,387	88,657	1,00,837
<b>SUB-TOTAL : COMMUNITY AND PERSONAL SERVICES.</b>	69,625	1,16,370	1,21,742	1,37,459	1,55,410
Sub-Total : Tertiary ..	2,93,026	4,90,725	5,54,173	6,28,903	6,99,290
14 Total Nett State Domestic Product at Factor Cost	7,21,816	12,02,775	13,96,524	15,49,693	17,03,392
15 Estimated Population (00):	4,81,844	5,13,701	5,22,253	5,30,529	5,38,490
16 Per Capita (Rs.) .. ..	1,498	2,341	2,674	2,921	3,163

Source: Director of Statistics, Madras.



# PERCAPITA INCOME

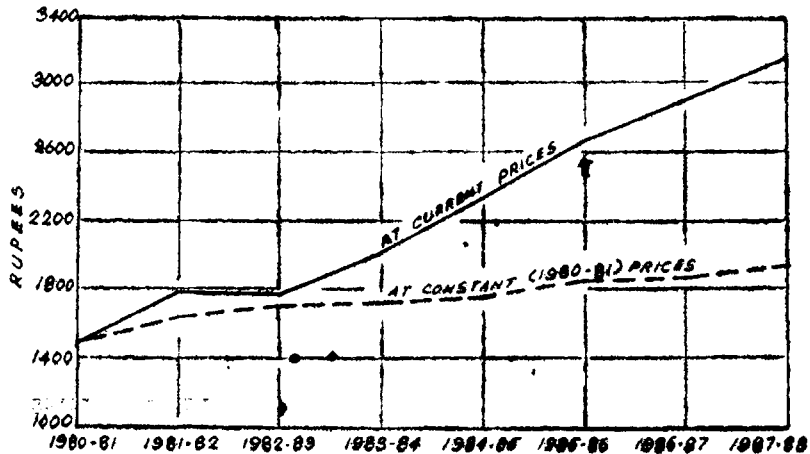


TABLE 3.2.

NETT STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF  
ORIGIN AT CONSTANT PRICES.

STATE : TAMIL NADU

(RUPEES IN LAKHS.)

<i>Industry.</i>	1980-81.	1984-85.	1985-86.	1986-87. P.R.	1987-88 Q.E.
(1)	(2)	(3)	(4)	(5)	(6)
1. Agriculture and Allied Activities.	1,77,319	2,46,707	2,72,264	2,65,553	2,79,698
2. Forestry and Logging	1,698	1,613	1,617	1,975	2,232
3. Fishing .. .. .	4,542	4,671	3,672	4,523	4,378
4. Mining and Quarrying ..	3,503	4,124	4,064	4,070	3,982
<b>SUB-TOTAL--PRIMARY ..</b>	<b>1,87,062</b>	<b>2,57,115</b>	<b>2,81,617</b>	<b>2,76,121</b>	<b>2,90,290</b>

5.1	Manufacturing (under Factories Act).	1,07,907	1,45,148	1 47,816	1,52,562	1,54,326
5.2	Manufacturing (others)	89,992	1,05,170	1,16,921	1,10,610	1,07,483
6.	Construction ..	40,689	39,579	41,229	46,176	51,717
7.	Electricity, Gas and Water Supply.	3,140	3419	9,518	8,758	9,639
SUB-TOTAL—SECONDARY ..		2,41,728	2,93,316	3,15,484	3,18,106	3,23,165
8.1	Railways .. ..	2,556	3,642	3,801	3,604	3,604
8.2	Transport by other means and Storage.	32,750	41,582	46,587	57,543	78,968
8.3	Communication .. ..	6,868	8,610	9,016	9,886	9,886
9.	Trade, Hotels and Restau. rants ..	1,21,754	1,41,362	1,47,798	1,46,851	1,49,470
SUB-TOTAL — TRANSPORT, COMMUNICATION AND TRADE.		1,63,928	1,96,192	2,07,202	2,17,884	2,33,928

TABLE 3.2—cont.

<i>Industry.</i>	1980-81.	1984-85.	1985-86.	1986-87.	1987-88.
(1)	(2)	(3)	(4)	(5)	(6)
10. Banking and Insurance	23,462	33,737	41,056	45,165	45,165
11. Real Estate, Ownership of Dwellings and Business Services.	36,011	41,439	42,880	44,371	45,926
SUB-TOTAL—FINANCE AND REAL ESTATE.	59,473	75,176	83,936	89,536	91,091
12. Public Administration ..	25,677	28,124	29,001	33,219	39,204
13. Other Services .. ..	43,948	54,349	51,663	59,679	68,435
SUB-TOTAL—COMMUNITY AND PERSONAL SERVICES.	69,625	82,473	80,664	92,898	1,07,639
SUB-TOTAL—TERTIARY	2,93,026	3,52,845	3,71,802	4,00,318	4,32,658

14.	Total—Nett State Domestic Product at Factor Cost.	7,21,816	9,03,276	9,68,903	9,94,545	10,46,113
15.	Estimated Population (00)	4,81,844	5,13,701	5,22,253	5,30,529	5,38,490
16.	Per Capita (Rs.) .. ..	1,498	1,758	1,855	1,875	1,943

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*Source :* Director of Statistics, Madras.

## 4. CLIMATE AND RAINFALL.

TABLE 4.1.

TEMPERATURE AT SELECT STATIONS

Name of the Station :—NUNGAMBAKKAM.

(IN DEGREES CENTIGRADE)

Month.	Mean Maximum.		Mean Minimum.		Mean.		Humidity.		
	Normal.	Actual.	Normal.	Actual.	Normal.	Actual.	830 Hrs.	1730 Hrs.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1988									
April	..	33.3	34.1	25.8	27.4	29.6	30.8	77	74
May	..	35.6	38.5	27.4	29.1	31.5	33.8	71	72
June	..	36.5	38.2	27.2	28.6	32.2	33.4	68	72
July	..	34.4	34.5	25.2	26.4	29.8	30.5	79	76

August ..	33.9	33.4	25.4	25.3	29.7	29.4	84	80
September ..	33.5	33.4	25.2	25.3	29.4	29.4	80	75
October ..	31.5	33.2	24.4	24.7	28.0	29.0	77	67
November	29.2	29.3	22.7	22.4	26.0	25.9	83	72
December ..	28.2	29.3	21.4	22.3	24.8	25.8	81	70

1989

January ..	28.3	29.0	20.8	21.0	24.6	25.0	74	61
February ..	29.7	31.0	20.8	21.0	25.3	26.0	79	62
March ..	31.7	31.5	22.9	22.6	27.2	26.8	78	63

TABLE 4.1—cont.

Name of the Station **MEENAMBAKKAM.**

(IN DEGREES CENTIGRADE)

Month.	Mean maximum.		Mean minimum.		Mean.		Humidity.	
	Normal.	Actual.	Normal.	Actual.	Normal.	Actual.	830 Hrs.	1730 Hrs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1988.								
April ..	34.9	35.1	26.0	26.5	29.6	30.8	70	66
May ..	37.6	39.3	27.8	28.1	31.5	33.7	61	60
June ..	35.2	38.4	27.6	28.3	32.2	33.4	53	55
July ..	35.2	35.6	26.3	26.3	29.8	31.0	70	65
August ..	34.5	34.5	25.8	25.4	29.7	30.0	77	71
September ..	33.9	33.4	24.4	25.5	29.4	29.5	77	70



October ..	31.8	34.1	24.4	24.2	28.0	29.2	77	66
November	29.2	29.1	22.5	22.3	26.0	25.7	83	71
December ..	28.2	29.3	21.0	21.4	24.8	25.4	83	69
1989								
January ..	28.8	29.3	20.3	20.4	24.6	24.9	84	63
February ..	30.6	31.0	21.6	20.4	25.3	25.7	81	61
March ..	32.7	33.0	23.7	23.4	27.3	28.2	77	65

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TABLE 4.1—*cont.*

Name of the Station—UDHAGAMANDALAM.

(IN DEGREES CENTIGRADE).

<i>Month.</i>	<i>Mean maximum.</i>		<i>Mean minimum.</i>		<i>Mean.</i>		<i>Humidity.</i>		
	<i>Normal.</i>	<i>Actual.</i>	<i>Normal.</i>	<i>Actual.</i>	<i>Normal.</i>	<i>Actual.</i>	8.30 <i>Hrs.</i>	17.30 <i>Hrs.</i>	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1988									
April ..	22.1	23.0	10.2	11.6	16.2	17.3	69	73	
May ..	21.8	23.1	11.2	12.0	16.5	17.6	69	70	
June ..	18.0	20.2	11.1	11.7	14.5	16.0	82	81	
July ..	16.4	18.3	10.9	12.0	13.7	15.2	88	87	
August ..	17.3	19.4	10.9	12.1	14.1	15.8	91	87	
September ..	18.2	19.3	10.4	11.8	14.3	15.6	82	81	

October ..	18.7	19.0	10.0	10.6	14.4	14.8	83	78
November	18.9	18.3	8.3	8.8	13.6	13.6	89	86
December ..	19.6	21.4	6.3	7.4	13.0	14.4	84	82
1989								
January ..	19.9	26.4	5.1	3.8	12.5	15.1	72	70
February ..	20.5	23.5	6.3	5.0	13.5	14.3	42	29
March ..	21.9	26.3	8.4	N.A.	15.2	13.2	47	29

TABLE 4.1—cont.

Name of the Station : KODAIKANAL (IN DEGREES CENTIGRADE)

Month.	Mean Maximum		Mean Minimum.		Mean.		Humidity.	
	Normal.	Actual.	Normal.	Actual.	Normal.	Actual.	830 Hrs.	1730 Hrs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1988								
April .. ..	19.8	20.1	11.6	12.1	15.7	16.1	78	88
May .. ..	20.4	23.4	12.7	14.1	16.6	18.8	77	82
June .. ..	18.5	20.2	12.2	12.3	15.4	16.3	83	87
July .. ..	17.1	19.6	11.5	12.3	14.3	16.0	91	89
August .. ..	17.5	19.0	11.5	12.2	14.5	15.6	94	91
September ..	17.7	19.1	11.3	12.2	14.5	15.7	88	86

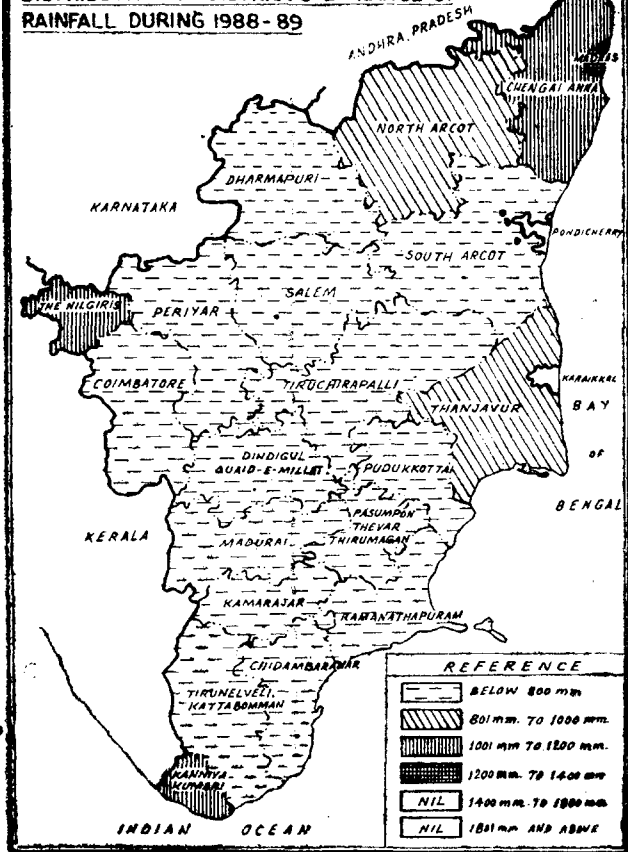
October ..	..	17.0	18.1	10.9	11.0	14.0	15.1	83	82
November ..	..	16.1	16.2	9.8	10.0	13.0	13.1	89	88
December ..	..	16.4	17.3	8.6	8.1	12.5	12.7	64	86
1989									
January ..	..	17.6	19.4	8.0	8.3	12.5	13.9	56	75
February ..	..	17.9	21.0	8.7	8.4	13.3	14.7	40	49
March ..	..	19.2	19.1	10.0	9.3	14.6	14.2	61	64

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*Source* : Director, Meteorological Centre, Madras.

# TAMIL NADU

## DISTRIBUTION OF DISTRICTS BY RANGE OF RAINFALL DURING 1988-89



**TABLE 4.2.**  
**DISTRIBUTION OF DISTRICTS BY RANGE OF RAINFALL—1988-89**

<i>Range of Rainfall.</i>	<i>Distribution of districts by range of rainfall.</i>	
	<i>Normal Rainfall.</i>	<i>Actual Rainfall.</i>
(1)	(2)	(3)
Below 800 m.m.	.. Coimbatore, Periyar district	South Arcot, Salem, Dharmapuri, Coimbatore, Periyar, Tiruchirappalli, Pudukkottai. Madurai, Dindigul Quaid-E-Millat, Ramanathapuram, Kamarajar, Pasumpon Thevar Thirumagan, Chidambaranar, Tirunelveli Kattabomman,
801 m.m. to 1000 m.m.	.. North Arcot, Ambethkar and Thiruvannamalai Sambuvarayar, Salem, Dharmapuri, Tiruchirappalli Pudukkottai, Madurai, Ramanathapuram, Kamarajar, Pasumpon	North Arcot, Thanjavu district etc

TABLE 4.2—cont.

Range of Rainfall.	Distribution of districts by range of rainfall.	
	Normal Rainfall.	Actual Rainfall.
(1)	(2)	(3)
	Thevar Dindigul and bomman	Thirumagan Quaid-E- Millat Tirunelveli-Katta- district.
1001 m.m. to 1200 m.m.	.. South Arcot, Thanjavur district.	.. Chengai-Anna, Kanniyakumari, The Nilgiris.
1201 m.m. to 1400 m.m.	.. Madras, Chengai-Anna district.	.. Madras,
1401 m.m. to 1800 m.m.	.. Kanniyakumari district.	..
1801 m.m. and above.	.. The Nilgiris district	.. Nil.

Source.—Director of Statistics, Madras.



# RAINFALL BY SEASONS 1988-89

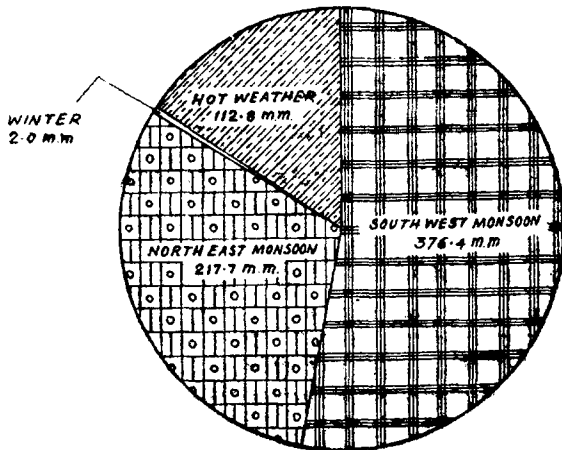


TABLE 4.3  
RAINFALL BY SEASONS.

(IN M.M.)

<i>Serial number.</i>	<i>Season.</i>	<i>Normal Rainfall.</i>	<i>Actual Rainfall.</i>		
			1986-87	1987-88	1988-89
(1)	(2)	(3)	(4)	(5)	(6)
1	South West Monsoon	308.4	271.6	271.3	376.4
2	North East Monsoon	447.4	330.6	525.4	217.7
3	Winter .. ..	50.1	8.5	3.7	2.0
4	Hot Weather ..	139.1	90.2	182.4	112.8
	Total ..	945.0	700.9	982.8	708.9

Source: Director of Statistics Madras.

TABLE 4.4.

## RAINFALL BY DISTRICTS.

(In m.m.)

Serial number.	Districts.	Normal Rainfall.	Actual Rainfall.		
			1986-87	1987-88	1988-89
(1)	(2)	(3)	(4)	(5)	(6)
1	Madras .. ..	1285.6	833.9	1,244.4	1,398.6
2	Chengai-Anna .. ..	1,211.0	806.5	1,177.4	1,022.6
3	South Arcot .. ..	1,188.9	861.5	967.6	676.5
4	North Arcot Ambedkar and Thiruvannamalai Sambuvarayar.	971.1	708.9	1,062.7	818.7
5	Salem .. ..	842.4	807.0	1,069.5	778.6
6	Dharmapuri .. ..	843.6	836.5	850.9	646.0

TABLE 4.4—cont

Serial Number.	Districts	Normal Rainfall	Actual Rain fall		
			1986-87	1987-88	1988-89
(1)	(2)	(3)	(4)	(5)	(6)
7	Coimbatore .. ..	711.3	454.6	955.1	527.8
8	Periyar .. ..	717.0	442.2	999.9	663.1
9	Tiruchirappalli .. ..	842.6	613.5	733.9	572.2
10	Thanjavur .. ..	1,168.4	974.1	1,069.9	847.9
11	Pudukkottai .. ..	917.9	653.5	763.5	524.0
12	Madurai .. ..	867.5	652.3	1,051.1	652.1
13	Dindigul Quaid-E-Millat ..	838.9	688.4	1041.9	734.3
14	Ramanathapuram ..	819.0	544.4	922.4	578.0
15	Kamarajar .. ..	817.2	651.7	113.2	702.4

16	Pasumpon Thevar Thirumagan.	919.4	<del>815.4</del>	1,024.4	770.6
17	Tirunelveli Kattabomman	940.5	445.2	948.6	613.8
18	Chidambaranar .. ..	677.5	Not formed.	801.2	478.0
19	Kanniyakumari .. ..	1,469.7	805.7	1405.2	1,046.8
20	The Nilgiris .. ..	1,920.8	1,307.3	1,295.6	1,134.3
		<hr/>	<hr/>	<hr/>	<hr/>
	State ..	945.0	700.9	982.8	708.9
		<hr/>	<hr/>	<hr/>	<hr/>

*Source :* Director of Statistics, Madras.

## 5. AGRICULTURE

TABLE 5.1.

SOIL CLASSIFICATION, 1988-89.

<i>Type of Soil.</i>	<i>Places in Tamil Nadu.</i>
(1)	(2)
I Red Loam .. .. .	Parts of Chengai Anna, South Arcot, North Arcot Ambedkar and Thiruvannamalai Sambuvarayar, Salem, Dharmapuri, Coimbatore, Tiruchirappalli, Thanjavur, Pudukkottai, Ramanathapuram, Kamarajar, Pasumpon Thevar Thirumagan, Madurai, Dindigul Quaid-E-Millat, Tirunelveli Kattabomman Chithambaranar and The Nilgiris.
II Lateritic Soil .. .. .	Parts of the Nilgiris district.

- III Black Soil .. .. . Parts of Chengai Anna, South Arcot, North Arcot Ambedkar and Thiruvannamalai Sambuvarayar, Salem, Dharmapuri, Coimbatore, Ramanathapuram, Kamarajar, Pasumpon Thevar Thirumagan, Madurai, Dindigul Quaid-E-Millat, Tirunelveli Kattabomman Chidambaranar, and the Nilgiris.
- IV Sandy Coastal Alluriam .. Coastal regions of Ramanathapuram, Thanjavur, South Arcot, Chengai-Anna and Kanniyakumari districts.
- V Red Sandy Soil .. .. Small patches in the districts of Coimbatore and the Nilgiris.

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*Source* : "G" Return.

**TABLE 5.2.**  
**LAND UTILISATION.**  
(According to village papers)

<i>Classification.</i>	1988-89.
(1)	(2) Area in hectare.
A. Total Geographical Area .. .. .	1,30,24,536
B. :	
1 Forest .. .. .	21,64,176
2 Barren and unculturable lands .. .. .	5,12,597
3 Land put to non-Agricultural uses .. .. .	18,24,177
4 Culturable waste .. .. .	2,99,167
5 Permanent pastures and other grazing lands.	1,27,020



6 Land under Miscellaneous tree crops and groves not included in the nett area sown.	1,19,218
7 Current fallow lands .. .. .	15,46,463
8 Other fallow lands .. .. .	8,95,074
9 Net area sown .. .. .	55,46,644
C. Area sown ore than once .. .. .	9,04,315
D. Total cropped area .. .. .	64,50,959

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*Source : "G" Return.*

TABLE 5.3.

## AREA AND PRODUCTION OF PRINCIPAL CROPS—1988-89.

<i>Crops.</i>	<i>Area</i> ( <i>'000'</i> <i>hectares</i> )	<i>Production</i> ( <i>'000'</i> <i>Tonnes</i> ).	<i>Productivity</i> ( <i>Kg./Hec.</i> )
(1)	(2)	(3)	(4)

## Food Grains—

(a) *Cereals and Millets.*

1 Rice .. ..	1881	5,704	3,032
2 Cholan (Jowar) .. ..	562	557	991
3 Cumbu (Bajra) .. ..	271	304	1,125
4 Maize .. ..	30	43	1,414
5 Ragi .. ..	163	286	1,754

6 Small Millets .. ..	211	188	891
7 Wheat .. ..	NA	NA	677
8 Other Cereals .. ..	..	..	..
9 Total Cereals .. ..	3,118	7,082	2,271
10 Blackgram .. ..	238	97	410
11 Redgram .. ..	102	59	579
12 Greengram .. ..	96	38	400
13 Bengalgram .. ..	7	5	686
14 Horsegram .. ..	103	33	320
15 Other Pulses .. ..	79	16	194
16 Total Pulses .. ..	625	248	397
17 Total Foodgrains (9+16) ..	3,743	7,330	1,958

TABLE 5.3—cont.

<i>Crops.</i>				<i>Area('000' Hectares).</i>	<i>Production (‘000’ Tonnes.)</i>	<i>Productivity (Kg/Hec.)</i>
(1)				(2)	(3)	(4)
18	Groundnut (unshelled)	..	..	962	1,094	1,137
19	Gingelly (Sesamum)	..	..	116	35	303
20	Castor	..	..	16	5	315
21	Coconut	..	..	169	19*	8,952 (Nuts/hec.)
22	Other Oil Seeds	..	..	16	N.A.	N.A.
23	Total Oil Seeds (Edible and Non-edible).			1,279	N.A.	N.A.

Other Crops	..	..	..	..	..	..
24 Cotton	..	..	..	261	401**	262*
25 Sugarcane (in terms of cane)				217	23,749	1 10 (In tonnes per hectare).
26 Tobacco (Cured leaf)	..			8	10	1,283
27 Chillies (Dry)	..	..		60	33	552
28 All Other Crops	..	..		883	N.A.	N.A.
29 Total (Other Crops)	..	..		1,429	N.A.	N.A.
30 Total Crops (17+23+29)	..			6,451	N.A.	N.A.

N.A. Not available

@ Negligible

\* Estimated Production

\*\* In bales of 170 Kg. lint each

**TABLE 5.4**  
**AREA UNDER PRINCIPAL CROPS BY DISTRICTS (1988-89) ( IN HECTARES).**

<i>District.</i>	<i>Paddy.</i>	<i>Cholam.</i>	<i>Cumbu</i>	<i>Maize.</i>	<i>Ragi.</i>
(1)	(2)	(3)	(4)	(5)	(6)
1 Chengai Anna .. ..	2,11,431	736	2,643	2	4,116
2 South Arcot .. ..	1,98,059	14,915	86,890	15	5,941
3 North Arcot Ambedkar and Thiruvannamalai Sambuvarayar.	1,46,767	34,403	11,853	762	14,442
4 Salem .. ..	48,395	70,548	16,757	1,755	24,135
5 Dharmapuri ... ..	42,909	46,204	7,858	313	76,422
6 Coimbatore .. ..	20,971	91,846	2,840	16,203	1,164
7 Periyar .. ..	71,096	38,570	13,909	1,240	1,5611
8 Tiruchirappalli .. ..	97,515	1,24,228	59,901	378	1,246

9	Pudukkottai	..	..	64,298	2,213	1,505	2,020	3,063
10	Thanjavur	..	..	4,76,096	53	635	1,149	455
11	Madurai	..	..	1,03,725	38,198	11,858	748	2,028
12	Dindigul Quaid-E-Millat			25,378	72,381	6,686	5,485	655
13	Ramanathapuram	..		1,27,605	1,466	3,746	..	6,223
14	Pasumpon Thevar Thirumagan.			66,678	687	83	..	1,238
15	Kamarajar	..	..	29,267	6,847	10,074	223	2,647
16	Tirunelveli-Kattabomman.			75,935	6,733	1,461	77	2,303
17	Chidambaranar	..	..	27,808	11,737	31,840	88	1,511
18	The Nilgiris	..	..	2,298	..	14	..	81
19	Kanniyakumari	..	..	44,722	..	..	1	..
	State	..	..	<u>18,80,953</u>	<u>5,61,765</u>	<u>2,70,553</u>	<u>30,459</u>	<u>1,63,281</u>

TABLE 5.4—cont.

<i>District.</i>	<i>Other Cereals.</i>	<i>Total Cereals.</i>	<i>Bengal-gram.</i>	<i>Black-gram.</i>	<i>Red-gram.</i>
(1)	(7)	(8)	(9)	(10)	(11)
	(Hectares)				
1 Chengai-Anna .. ..	152	2,19,080	690	1,612	..
2 South Arcot .. ..	16,250	3,22,070	53	16,296	3,254
3 North-Arcot Ambedkar and Thiruvannamalai Sambuvarayar.	18,715	2,26,942	21	5,372	22,694
4 Salem .. ..	24,222	1,85,812	458	16,235	26,649
5 Dharmapuri .. ..	64,262	2,37,968	144	1,854	9,993
6 Coimbatore .. ..	3,339	1,36,363	5,231	4,039	2,710
7 Periyar .. ..	1,681	1,42,107	3	1,198	1,076
8 Tiruchirappalli .. .	25,210	3,08,478	91	4,731	12,263
9 Pudukkottai .. ..	7,919	81,018	..	6,900	8,709



10	Thanjavur	..	..	369	4,78,757	..	1,11,654	621
11	Madurai	..	..	27,173	1,83,730	..	6,719	7,559
12	Dindigul Quaid-E-Millath			6,376	1,16,961	53	3,899	2,406
13	Ramanathapuram	..		4,197	1,43,237	..	1,190	24
14	Kamarajar	..	..	6,591	55,649	111	8,192	2,569
15	Pasumpon Thevar Thirumagan.			582	69,268	..	520	724
16	Tirunelveli-Kattabomman			1,231	87,740	1	18,011	199
17	Chidambaranar	..		2,504	75,488	128	24,820	124
18	The Nilgiris	..	..	91	2,484	..	..	..
19	Kanniyakumari	..	..	..	44,723	..	44,369	9
	State	..		2,10,864	31,17,875	6,984	2,37,677	1,01,553

TABLE 5.4—cont.

<i>District.</i>	<i>Green gram.</i>	<i>Horse gram.</i>	<i>Other pulses.</i>	<i>Total pulses.</i>	<i>Total food-grains.</i>
(1)	(12)	(13)	(14)	(15)	(16)
(Hectares)					
1 Chengai-Anna .. ..	2,424	443	192	5,361	2,24,441
2 South Arcot .. ..	2,088	1,127	738	23,555	3,45,625
3 North-Arcot Ambedkar and Thiruvannmalai Sambuvarayar.	3,048	9,083	4,243	44,461	2,71,403
4 Salem .. ..	10,443	17,113	12,376	83,244	2,69,056
5 Dharmapuri .. ..	1,612	43,369	13,155	70,127	3,08,095
6 Coimbatore .. ..	6,540	10,019	13,890	42,429	1,78,792
7 Periyar .. ..	2,864	8,174	7,883	21,198	1,63,305
8 Tiruchirappalli .. ..	1,602	2,210	2,208	23,105	3,31,583

9	Pudukkottai	..	..	1,037	500	3,532	20,678	1,01,696
10	Thanjavur	..	..	40,624	..	88	1,52,987	5,631,744
11	Madurai	..	..	10,276	1,177	7,290	33,021	2,16,751
12	Dindigul Quaid-E-Millath			1,864	7,432	6,569	22,223	1,39,184
13	Ramanathapuram	..		370	88	652	2,324	1,45,561
14	Kamarajar	..	..	3,283	198	2,344	16,697	72,346
15	Pasumpon Thevar Thirumagan.			169	239	757	2,409	7,1,677
16	Tiruelveli-Kattabomman			1,895	1,384	2,020	23,510	1,11,250
17	Chidambaranar	..	..	5,600	253	1,438	32,363	1,07,851
8	The Nilgris	..		..	..	38	38	2,522
19	Kanniyakumari	..		76	128	243	4,892	49,615
	<b>Stat</b>	..		<b>95,815</b>	<b>1,02,937</b>	<b>79,656</b>	<b>6,24,622</b>	<b>37,42,497</b>

TABLE 5.2—*cont.*

<i>District.</i>	<i>Sugarcane.</i>	<i>Cotton.</i>	<i>Groundnut.</i>	<i>Gingelly.</i>	<i>Castor.</i>
(1)	(17)	(18)	(19)	(20)	(21)
1 Chengai-Anna .. ..	8,235	259	55,050	2,673	25
2 South Arcot .. ..	48,362	8,458	1,37,784	20,474	36
3 North Arcot-Ambedkar and Thiruvannamalai- Sambuvarayar.	34,671	2,094	1,98,919	4,411	332
4 Salem .. ..	15,834	17,490	1,17,334	7,072	8,467
5 Dharmapuri .. ..	14,036	12,424	68,677	2,792	2,597
6 Coimbatore .. ..	15,091	20,613	59,238	1,532	458
7 Periyar .. ..	15,991	8,066	62,176	8,376	1,689
8 Tiruchirappalli .. ..	17,223	10,722	64,557	18,701	731
9 Pudukkottai .. ..	1,703	984	40,607	2,045	30

10	Thanjavur	.. ..	19,506	7,556	28,641	22,850	26
11	Madurai	.. ..	8,031	34,510	41,769	6,415	504
12	Dindigal	Quaide-E-Millath	5,956	8,976	33,510	2,754	219
13	Ramanathapuram	..	146	3,633	10,801	2,384	..
14	Kamarajar	.. ..	3,408	46,417	14,491	5,213	137
15	Pasumpon Thevar	Thirumagan.	4,914	428	11,807	320	1
16	Tirunelveli-Kattabomman.		3,535	21,358	10,776	2,894	201
17	Chidambaranar	.. ..	32	56,661	5,019	4,688	144
18	The Nilgiris	.. ..	28	2	150	..	..
19	Kanniyakumari	.. ..	..	..	1067	36	..
	State	..	<u>2,16,702</u>	<u>2,60,651</u>	<u>9,62,373</u>	<u>1,15,630</u>	<u>15,597</u>

**TABLE 5.5.**  
*Area under principal crops as percentages to the total area sown in the  
 Districts, 1988-89.*

<i>District.</i>	<i>Paddy.</i>	<i>Cholam.</i>	<i>Cumbu.</i>	<i>Ragi.</i>	<i>Cotton.</i>	<i>Ground- nut.</i>	<i>Gingelly.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 Chengai-Anna ..	64.9	0.2	0.8	1.3	0.1	16.9	0.8
2 South Arcot ..	30.2	2.2	13.3	0.9	1.3	21.0	3.1
3 North-Arcot Ambed- Kar and Thiruvanna- malai-Sambuvarayar.	26.7	6.3	2.2	2.6	0.4	36.2	0.8
4 Salem ..	9.3	13.5	3.2	4.6	3.4	22.5	1.4
5 Dharmapuri ..	9.2	9.9	1.7	16.3	2.7	14.7	0.6
6 Periyar ..	21.2	11.4	4.1	4.7	2.4	18.5	2.5
7 Coimbatore ..	5.8	25.2	0.8	0.3	5.7	16.2	0.4
8 The Nilgiris ..	3.3	..	..	0.1	..	0.2	..
9 Thanjavur ..	62.2	..	0.1	0.1	1.0	3.7	3.0

10 Tiruchirappalli ..	17.9	22.8	10.9	0.2	2.0	11.8	3.4
11 Pudukkottai ..	37.4	1.3	0.9	1.7	0.6	23.6	1.2
12 Dindigal Quaide-E-Millath.	10.2	29.1	2.7	0.3	3.6	13.5	1.1
13 Madurai .. ..	28.9	10.7	3.3	0.6	1.9	11.7	1.8
14 Ramanathapuram.	65.8	0.8	1.9	3.2	1.9	5.6	1.2
15 Kamarajar ..	15.0	3.5	5.2	1.4	23.8	7.4	2.7
16 Pasumpon Thevar Thirumagan.	64.1	0.7	0.1	1.2	0.4	11.3	0.3
17 Tirunelveli-Kattabomman.	40.6	3.6	0.8	1.2	11.4	5.8	1.5
18 Kanniyakumari ..	40.9	..	..	..	..	1.0	..
19 Chidambaranar ..	9.9	4.2	11.3	0.5	20.1	1.8	1.7
State ..	29.2	8.7	4.2	2.5	4.0	14.9	1.8

Source : 'G' Return.

TABLE 5.6.  
 PRODUCTION OF PRINCIPAL CROPS BY DISTRICTS—1988-89.  
 (TONNE.)

<i>District.</i>	<i>Rice.</i>	<i>Cholam.</i>	<i>Cumbu.</i>	<i>Ragi.</i>	<i>Other Cereals.</i>	<i>Total Cereals.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Chengai-Anna	6,70,250	690	4,740	7,380	150	6,83,210
2 South Arcot	6,77,730	18,280	1,18,010	13,240	13,910	8,41,170
3 North Arcot Ambadkar and Thiruvannamalai Sambuvarayar.	4,62,920	50,430	18,590	37,170	20,220	5,89,330
4 Salem	1,68,680	73,230	26,010	62,900	24,120	3,54,940
5 Dharmapuri	1,36,820	47,340	13,780	1,06,420	63,120	3,67,480
6 Coimbatore	79,730	61,980	5,510	2,930	19,340	169,490
7 Periyar ..	2,15,890	16,850	6,960	18,820	4,170	2,62,690
8 Tiruchirappalli	4,05,760	1,25,350	42,140	2,050	27,000	6,02,300



9	Pudukkottai	1,90,600	4,670	3,320	7,930	9,930	2,16,450
10	Thanjavur ..	15,09,410	50	1,010	950	2,920	15,14,340
11	Madurai	3,30,550	44,700	14,190	3,390	19,530	4,12,360
12	Dindigul Quaid- E-Miliath	1,02,080	81,540	11,620	1,280	13,460	2,09,980
13	Ramanatha- puram.	34,050	1,300	1,700	3,600	2,360	43,010
14	Kamarajar	71,580	6,460	9,340	5,010	7,500	99,890
15	Pasumpon Theval Thirumagan.	1,01,280	750	130	1,800	550	1,04,510
16	Tirunelveli Kattabomman.	2,71,260	12,450	1,990	6,650	1,020	2,93,370
17	Chidambaranar	1,05,470	10,540	25,330	4,710	1,500	1,47,550
18	The Nilgiris	4,940	..	30	100	70	5,140
19	Kanniyakumari	1,64,600	..	..	..	..	1,64,600
	STATE ..	<u>57,03,600</u>	<u>5,56,610</u>	<u>3,04,400</u>	<u>2,86,330</u>	<u>2,30,870</u>	<u>70,81,810</u>

TABLE 5.6—*cont.*

<i>District.</i>	(tonne)				
	<i>Total Pulses.</i>	<i>Sugarcane (Gur).</i>	<i>Cotton. (BL)</i>	<i>Gingelly.</i>	<i>Groundnut (Unshelled).</i>
(1)	(8)	(9)	(10)	(11)	(12)
1 Chengai-Anna	2,280	86,900	420	990	98,890
2 South Arcot	12,020	6,30,920	2,02,000	7,440	1,75,010
3 North Arcot Ambadkar and Thiruvannamalai Sambuvarayar	20,850	3,09,790	4,170	1,700	1,83,730
4 Salem	35,630	2,30,940	41,370	2,090	1,50,040
5 Dharmapuri	27,490	1,29,450	31,680	590	74,920
6 Coimbatore	13,240	1,50,180	44,410	580	73,050
7 Periyar	5,550	1,73,070	25,800	3,530	77,670
8 Tiruchirappalli	10,320	2,13,390	13,940	7,390	59,350

9 Pudukkottai	10,200	18,530	2,530	420	46,080
10 Thanjavur	57,560	2,09,340	14,970	4,080	30,150
11 Madurai	10,930	89,150	50,170	1,700	37,870
12 Dindigul Quaid-E-Millat.	9,820	52,660	23,520	750	42,240
13 Ramanathapuram	500	1,590	2,620	660	6,740
14 Kamarajar	7,060	37,090	54,930	800	9,990
15 Pasumpon Thevar Thirumagan.	920	53,480	740	80	7,350
16 Tirunelveli Kattabomman.	7,720	38,470	28,920	810	14,240
17 Chidambaram	13,630	350	41,100	1,410	5,820
18 The Nilgiris	10	300	..	..	270
19 Kanniyakumari	1,940	..	..	10	960
<b>STATE.</b>	<b>2,47,670</b>	<b>24,25,600</b>	<b>4,01,490</b>	<b>35,030</b>	<b>10,94,370</b>

TABLE 5.7.  
 AGRICULTURAL MACHINERY AND IMPLEMENTS—1982.

<i>Item.</i> (1)	<i>Number.</i> (2)
<b>1. Ploughs</b>	
Total .. .. .	38,47,386
Wooden .. .. .	32,51,173
Iron .. .. .	5,96,213
<b>2. Bullock Carts .. .. .</b>	
	5,79,631
<b>3. Sugar Cane Crushers</b>	
Total .. .. .	21,496
Worked by Power .. .. .	10,456
Worked by Bullocks .. .. .	11,040
<b>4. Tractors (Crawler Tractors, Hand Tractors, and Four Wheeled Tractors)</b>	
	16,780

5. Oil Engines (Used for irrigation and Other Agricultural Purposes)	2,05,414
6. Electric Pumpsets .. .. .	9,45,371
7 Oil Ghans .. .. .	<b>2,784</b>

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*Source:* Thirteenth Livestock Census 1982.

TABLE 5.8  
 NUMBER AND AREA OF OPERATIONAL HOLDINGS 1985-86.  
 (AREA IN HECTARES)

Serial number and Size, Class	Number of Operational Holdings.			
	Single.	Joint.	Institutional	Total.
(1)	(2)	(3)	(4)	(5)
1 Below 0.02 .. ..	1,61,106	1,855	212	1,63,173
2. 0.02—0.5 .. ..	36,06,953	29,913	4,266	36,41,132
3. 0.5—1.0 .. ..	16,79,419	12,580	1,421	16,93,420
MARGINAL (1+2+3)..	54,47,478	44,348	5,899	54,97,725
4. 1.0—2.0 .. ..	12,51,246	7,817	1,243	12,60,306
SMALL (4) .. ..	12,51,246	7,817	1,243	12,60,306
5. 2.0—3.0 .. ..	4,40,390	3,207	750	4,44,347

6.	3.0—4.0	..	..	..	2,02,406	1,627	442	20,44,75
	SEMI MEDIUM (5+6)..				6,42,796	4,834	1,192	6,48,822
7.	4.0—5.0	..	..	..	1,05,945	943	308	1,07,196
8.	5.0—7.5	..	..	..	1,10,857	1,059	455	1,12,371
9.	7.5 10.0	..	..	..	40,361	478	279	41,118
	MEDIUM (7+8+9)	..			2,57,163	2,480	1,042	2,60,685
10.	10.0—20.0	..	..	..	31,839	488	497	32,824
11.	20.0—30.0	..	..	..	3,618	107	235	3,960
12.	30.0 40.0	..	..	..	884	31	113	1,028
13.	40.0—50.0	..	..	..	335	19	89	443
14.	50.0 and above	..	..		506	63	361	930
	LARGE (10 to 14)	..			37,182	708	1,295	39,185
	All Size Classes	..	..		76,35,865	60,187	10,671	77,06,723

TABLE 5.8.—*cont.*

<i>Serial number and size class.</i>	<i>Area operated (in hectares.)</i>			
	<i>Single.</i>	<i>Joint.</i>	<i>Institutional.</i>	<i>Total.</i>
(1)	(6)	(7)	(8)	(9)
1 .Below 0.02.. ..	1,982.80	23.19	2.34	2,008.33
2. 0.02-0.5 .. ..	8,47,448.38	6,051.66	874.06	8,54,374.10
3. 0.5-1.0 .. ..	11,52,098.50	8,174.53	959.32	11,61,232.35
MARGINAL (1+2+3) ..	20,01,529.68	14,249.38	1,835.72	20,17,614.78
4. 1.0-2.0 .. ..	17,58,623.39	11,124.44	1,798.38	17,71,546.21
SMALL (4) .. ..	17,58,623.39	11,124.44	1,798.38	17,71,546.21
5. 2.0-3.0 .. ..	10,66,789.02	7,794.47	1,822.71	10,76,406.20
6. 3.0-4.0 .. ..	6,94,875.58	5,550.10	1,542.52	7,01,968.20
SEMI MEDIUM (5+6)..	17,61,664.60	13,344.57	3,365.23	17,78,374.40



7.	4.0—5.0	..	..	..	4,72,806.19	4,310.51	1,373.30	4,78,490.00
8.	5.0—7.5	..	..	..	6,68,676.28	6,322.39	2,809.54	6,77,808.21
9.	7.5—10.0	..	..	..	3,45,265.80	4,035.49	2,386.90	3,51,688.19
	MEDIUM (7+8+9)				14,86,748.27	14,668.39	6,569.74	15,07,986.40
10.	10.0—20.0	..	..	..	4,17,228.91	6,631.86	6,932.93	4,30,793.70
11.	20.0—30.0	..	..	..	85,483.49	2,556.41	5,669.52	93,709.42
12.	30.0—40.0	..	..	..	30,206.18	1,075.60	3,963.18	35,244.96
13.	40.0—50.0	..	..	..	14,905.89	858.08	3,963.39	19,727.36
14.	50.0 and above	..	..	..	46,015.42	5,171.36	89,756.22	1,40,943.00
	LARGE (10 to 14)	..	..	..	5,93,839.89	16,293.31	1,10,285.24	7,20,418.44
	All Size Classes	..	..	..	76,02,405.83	69,680.09	1,23,854.31	77,95,940.23

Source.—Director of Statistics, Madras.

**TABLE 5.9**  
**CONSUMPTION OF CHEMICAL FERTILIZERS 1988-89.**  
*(Tonne).*

<i>District.</i>	<i>Nitrogenous</i> (N)	<i>Phosphate</i> (P)	<i>Pottasste</i> (K)
(1)	(2)	(3)	(4)
1 Chengai-Anna .. .. .	32,249	12,713	11,976
2 South Arcot .. .. .	46,710	16,802	20,954
3 North Arcot Ambedkar and Thiruvannamalai Sambuvarayer	35,562	14,237	16,035
4 Salem .. .. .	24,299	9,814	14,867
5 Dharmapuri .. .. .	9,969	3,289	4,432
6 Periyar .. .. .	25,348	9,261	11,361
7 Coimbatore.. .. .	31,782	10,859	21,100
The Nilgiris .. .. .	5,460	1,517	4,154

9	Thanjavur .. .. .	66,704	23,203	27,716	1,17,623
10	Tiruchirappalli .. .. .	34,262	11,780	21,550	67,592
11	Pudukkottai.. .. .	9,724	3,321	4,449	17,494
12	Dindigul Quaid-e-Milleth ..	9,726	3,394	4,600	17,720
13	Madurai .. .. .	31,050	10,932	17,411	59,393
14	Ramanathapuram .. .. .	5,897	1,520	792	8,209
15	Kamarajar .. .. .	8,625	2,375	4,364	15,364
16	Pasumpon Thevar Thirumagan..	4,878	1,420	1,090	7,388
17	Tirunelveli Kattabomman ..	22,336	7,614	10,495	40,445
18	Chidambaranar .. .. .	5,858	2,599	2,251	10,708
19	Kanniyakumari .. .. .	5,910	2,600	3,382	11,892
	Total .. .. .	4,16,349	1,49,250	2,02,979	7,68,578

Source : Director of Agriculture, Madras.

**TABLE 5.10.**  
**REGULATED MARKETS, 1988-89.**

<i>Name of the District.</i>	<i>Number of Regulated Markets.</i>		<i>Quantity Arrived (Tonne)</i>	<i>Receipts (RS. IN LAKHS).</i>
	<i>Number of Regulated Markets.</i>	<i>Sub-Regulated Markets.</i>		
(1)	(2)	(3)	(4)	(5)
1 Chengai-Anna .. .. .	14	1	3,058	16.75
2 South Arcot .. .. .	25	4	17,621	66.28
3 North Arcot Ambedkar and Thiruvanaamalai Sambuvarayar	30	..	60,950	40.60
4 Salem .. .. .	19	..	7,186	38.25
5 Dharmapuri .. .. .	16	2	9,023	27.07
6 Periyar .. .. .	23	5	25.69** 118,076	50.16

7	Coimbatore	..	..	..	..	15	11	31,296	60.00
8	Thanjavur	..	..	..	..	35	..	8,232	41.72
9	Tiruchirappalli	..	..	..	..	19	1	18,780	26.57
								3.08 (BB)	
10	Pudukkottai	..	..	..	..	10	..	1,198	5.95
11	Madurai	..	..	..	..	21	..	6,504	36.96
12	Ramanathapuram	..		..		20	..	12,349	41.73
13	Pasumpon Thevar Thirumaghan	..		..					
14	Kamarajar	..	..	..	..	19	1	11,679	43.46
15	Tirunelveli-Kattabomman	..	..	..	..				
16	Chidambaranar	..	..	..	..	6	..	21,95	19.96
17	Kanniyakumari	..	..	..	..				
								** 63.44	
	Total	..				272	25	466,737	515.46

NOTE. — \*\* Coconuts in lakh Nos. (BB) Banana Bunches in lakh Nos.

Source : Director of Agricultural Marketing, Tiruchirappalli.

TABLE 5.11.

## CROP INSURANCE

1988-89 RABI SEASON

<i>Serial number and the Crop.</i>	<i>Name of Blocks notified.</i>	<i>Number of Crop cutting experiments Planned.</i>	<i>Number of farmers covered</i> (RUPEES IN LAKHS)	<i>Premium collected.</i>
(1)	(2)	(3)	(3)	(5)
1 Paddy (R) .. .. .	230	3678	32,354	19.34
2 Cholan (I) .. .. .	69	1104	30	0.02
3 Cumbu (I) .. .. .	77	1232	54	0.01
4 Ragi (I) .. .. .	88	1408	15	0.01

5	Groundnut (I)	..	..	..	138	2208	10,758	3.94
6	Gingelly (I)	..	..	..	61	976	8	0.001
7	Sunflower (I)	..	..	..	8	138	...	..
					671	10,734	43,219	23.32
<b>Total</b>				..	671	10,734	43,219	23.32

NOTE.—1988-89 *Kharif Season*. Scheme was not implemented in Tamil Nadu during the season. (I) — Irrigated.

*Source* : Director of Statistics, Madras.

## 6. IRRIGATION

TABLE 6.1.

SOURCE OF WATER SUPPLY 1988-89

<i>District.</i>	<i>Canals Government and private.</i>		<i>Tube wells. (Nos.).</i>
	<i>Number.</i>	<i>Length in kilometres.</i>	
(1)	(2)	(3)	(4)
1 Chengai-Anna .. .. .	37	294	4,349
2 South Arcot .. .. .	369	4,874	43,010
3 North Arcot Ambedkar and Thiruvannamalai Sambuvarayar	748	1,186	5
4 Salem .. .. .	115	378	293
5 Dharmapuri .. .. .	181	317	..
6 Periyar .. .. .	13	772	3
7 Coimbatore .. .. .	39	607	465



8	The Nilgiris	..	..	..	1	2	..
9	Thanjavur	..	..	..	46	1,773	29,514
10	Tiruchirapalli	..	..	..	162	697	8,357
11	Pudukkottai	..	..	..	27	77	476
12	Dindigul Quaide-E-Millat	..			41	115	3
13	Madurai	..	..	..	164	279	455
14	Ramanathapuram	..	..		..	..	104
15	Kamarajar	..	..	..	..	..	4
16	Pasumpon Thevar Thirumagan	..			19	20	73
17	Tirunelveli Kattabomman	..			261	532	30
18	Kanniyakumari	..	..	..	53	540	2
19	Chidambaranar	..	..	..	4	78	72
	<b>State</b>	..	..	..	<b>2,280</b>	<b>12,541</b>	<b>87,215</b>

TABLE 6.1—cont.

<i>District.</i>				<i>Wells used for irrigation purposes (Numbers)</i>	<i>Wells used for domestic purposes only. (Numbers)</i>	<i>Reservoirs.</i>	<i>Tanks.</i>
(1)				(5)	(6)	(7)	(8)
1 Chengai-Anna .. ..				87870	76,969	1	3,628
2 South Arcot .. ..				1,38,632	58,518	7	2,677
3 North Arcot Ambedkar and .. Thiruvannamalai Sambuvarayar				3,03,683	76,429	1	3,159
4 Salem .. ..				2,28,686	61,216	1	830
5 Dharmapuri .. ..				1,19,543	28,796	9	2,332
6 Periyar .. ..				1,03,380	20,066	4	52
7 Coimbatore .. ..				90,386	10,689	7	76
8 The Nilgiris .. ..				364	515	..	4

9	Thanjavur	..	..	..	43,640	95,221	..	429
10	Tiruchirappalli	..	..	..	1,51,353	18,349	3	2,420
11	Pudukkottai	..	..	..	53,175	13,846	..	4,929
12	Dindigul Quaide-E-Milat..	..	..	..	78,429	6,147	4	2,612
13	Madurai	..	..	..	66,532	7,606	6	2,423
14	Ramanathapuram	..	..	..	12,145	11,833	..	1,830
15	Kamarajar	..	..	..	42,324	4,452	5	974
16	Pasumpon Thevar Thirumagan	..	..	..	18,814	24,925	..	4,583
17	Tirunelveli Kattabomman	..	..	..	84,414	11,336	9	2,170
18	Kanniyakumari	..	..	..	1,798	16,159	5	2,593
19	Chidambaranar	..	..	..	29,025	14,436	..	628
	State	..	..	..	16,54,193	5,57,508	62	38,349

TABLE 6.2.  
NETT AREA IRRIGATED BY SOURCES

<i>Sources.</i>								<i>Net Area.</i> (IN HECTARES)
(1)								(2)
1 Government Canals	..	..	..	..	..	..	..	8,09,793
2 Private Canals	..	..	..	..	..	..	..	570
3 Tanks	..	..	..	..	..	..	..	4,79,026
4 Tube Wells	..	..	..	..	..	..	..	1,59,403
5 Other Wells	..	..	..	..	..	..	..	9,11,503
6 Other Sources	..	..	..	..	..	..	..	14,427
							Total	23,74,722

Source : 'G' Return.

TABLE 6.3.

AREA SOWN AND IRRIGATED BY DISTRICTS, 1988-89.

<i>District.</i>	<i>Nett area Irrigated.</i>	<i>Nett area sown.</i>	<i>Percentage of column (2) to (3),</i>
(1)	(2)	(3)	(4)
	(HECTARES).		
1 Chengai-Anna .. .. .	2,07,387	2,74,375	75.6
2 South Arcot .. .. .	2,69,506	5,43,456	49.6
3 North Arcot Ambadkar and Thiruvannamalai Sambuvarayar ..	1,92,408	4,48,321	42.9
4 Salem .. .. .	1,21,237	4,30,746	28.1
5 Dharmapuri .. .. .	92,253	4,08,188	22.6
6 Periyar .. .. .	1,34,723	3,07,474	43.8
7 Coimbatore .. .. .	1,38,272	3,32,375	41.6
8 The Nilgiris .. .. .	528	69,196	0.8

TABLE 6.3—cont.

(1)	(2)	(3)	(4)
9 Thanjavur .. .. .	4,53,144	5,30,819	85.4
10 Tiruchirappalli .. .. .	1,48,431	5,22,488	28.4
11 Pudukkottai .. .. .	69,627	1,61,367	43.1
12 Dindigul Quaid-E-Millath .. .. .	67,465	2,33,505	28.9
13 Madurai .. .. .	1,37,705	3,05,117	45.3
14 Ramanathapuram .. .. .	58,019	1,93,041	30.1
15 Kamarajar .. .. .	61,264	1,91,587	32.0
16 Pasumpon Thevar Thirumagan .. .. .	58,207	1,03,946	56.0
17 Tirunelveli Kattabomman .. .. .	92,476	1,43,266	64.5
18 Kanniyakumari .. .. .	29,865	83,337	35.8
19 Chidambaranar .. .. .	42,205	2,64,040	16.0
State .. .. .	23,74,722	55,46,644	42.8

<i>District.</i>	<i>Gross area irrigated.</i>	<i>Gross area sown.</i>	<i>Percentage of column (5) to (6)</i>
(1)	(5)	(6)	(7)
	(HECTARES).		
1 Chengai-Anna .. .. .	2,47,914	3,25,967	76.1
2 South Arcot .. .. .	3,43,644	6,55,580	52.4
3 North Arcot Ambedkar and Thiruvannamalai Sambuvarayar.	2,63,776	5,49,615	48.0
4 Salem .. .. .	1,70,678	5,21,120	32.8
5 Dharmapuri .. .. .	1,10,819	4,67,838	23.7
6 Periyar .. .. .	1,61,197	3,35,706	48.0
7 Coimbatore .. .. .	1,60,163	3,64,083	43.9
8 The Nilgiris .. .. .	528	70,033	0.8
9 Thanjavur .. .. .	5,11,987	7,64,836	66.9

TABLE 6.3.—*contd.*

<i>District.</i>	<i>Gross area Irrigated (Hectares).</i>	<i>Gross area sown (Hectares).</i>	<i>Percentage of column 5 to 6.</i>
(1)	(5)	(6)	(7)
10 Tiruchirapalli .. .. .	1,60,796	5,45,806	29.5
11 Pudukkottai .. .. .	74,198	1,72,022	43.1
12 Dindigul Quaid-E-Millat .. .. .	78,601	2 48,446	31.6
13 Madurai .. .. .	1,77,518	3,58,402	49.5
14 Ramanathapuram .. .. .	58,019	1,93,893	30.0
15 Kamarajar .. .. .	64,773	1,95,343	33.2
16 Pasumpon Thevar Thirumigan .. .. .	58,273	1,04,031	56.0
17 Tirunelveli & Kattabomman .. .. .	1,27,337	1,86,995	68.1
18 Kanniyakumari .. .. .	51,670	1,09,400	47.2
19 Chidambaranar .. .. .	51,287	2,81,243	18.2
State .. .. .	28,73,178	64,50,959	44.5

Source : 'G' R Turn.



TABLE 6.4.

AREA IRRIGATED BY PRINCIPAL CROPS, 1988-89.

<i>Crop.</i>				(In '000' Hectares).	
	(1)			1987-88 (2)	1988-89 (3)
Paddy .. ..				1,766	1,717
Cholam .. ..				47	46
Cumbu .. ..				33	33
Ragi .. ..				51	49
Sugarca .. ..				195	217
Cotton .. ..				109	108
Groundnut .. ..				315	245
Other Crops .. ..				429	458
Total .. ..				2,945	2,873

*Source* : 'G' Return.

TABLE 6.5.

WATER LEVELS IN CERTAIN RESERVOIRS 1988-89.

Serial number and name of Reservoir.	District Benefited.	Full Reser- voir Depth in Metres.	Highest Level		Lowest Level	
			Metres.	Date.	Metres.	Date.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Mettur ..	Salem, Periyar, Thanjavur, Tiruchirappalli, Pudukkottai and South Arcot.	36.58	30.39	19-9-1988	4.25	22-2-1989
2 Bhavanisagar	Periyar and Tiruchirappalli	32.00	21.76	30-8-1989	8.28	17-2-1989

3	Amaravathy	Coimbatore and Periyar.	33.53	30.54	23—9—1989	6.10	5—1—1989
4	Poondi ..	Madras City (Water Supply Reservoir)	10.06	7.38	20—12—1988	3.11	12—7—1988
5	Sathanur ..	Noth Arcot & Ambedkar and Thiruvannamalai-Sambuvarayar and South Arcot.	36.27	35.04	10—10—1989	17.21	31—5—1989
6	Krishnagiri	Dharmapuri	15.85	15.76	16—10—1988	6.48	17—5—1989
7	Vidur ..	South Arcot and Pondicherry.	9.75	2.65	8—11—1988	1.18	19—5—1989
8	Gomuki	South Arcot	14.02	13.41	8—9—1988	3.82	31—5—1989
9	Manimuktha-nadhi.	South Arcot	10.97	8.60	10—10—1988	Nil.	16—3—1989
10	Periyar	Madurai	46.33	36.85	27—9—1988	31.76	9—3—1989

TABLE 6.5— cont.

<i>Serial number and name of Reservoir.</i>	<i>District Benefitted.</i>	<i>Full Reser- voir Depth in Metres.</i>	<i>Highest Level</i>		<i>Lowest Level</i>	
			<i>Metres.</i>	<i>Date.</i>	<i>Metres.</i>	<i>Date.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
11 Vaigai ..	Madurai, Ramanatha- puram and Pasumpon Thevar Thirumagan.	21.64	16.22	25-9-1988	3.23	8-4-1989
12 Manjalar ..	Madurai .. and Dindigal Quaide-E- Miltat.	17.37	17.07	15-9-1988	0.61	9-4-1989
13 Papanasam	Tirunelveli- Kattabomman and Chidain- baranar.	45.11	26.79	20-11-1988	5.49	10-3-1989

14	Manimuthar	Tirunelveli-Kattabomman and Chidambaranar.	35.97	29.32	10-12-1988	7.13	19-5-1989
15	Pechiparai	Kanniyakumari	14.63	13.94	24-6-1988	1.43	7-3-1989
16	Perunchani	Do.	22.47	20.74	11-11-1988	3.75	1-2-1989
17	Chittar Dam I	Do.	19.20	17.06	13-6-1989	13.90	1-3-1989
18	Chittar Dam II.	Do.	17.98	15.89	13-6-1989	13.32	7-3-1989
19	Willington	South Arcot	8.60	3.25	15-10-1989	2.29	14-5-1989

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*Source* : Chief Engineer (Irrigation), Madras.

**TABLE 6.6.**  
**IRRIGATION POTENTIALS CREATED IN TAMIL NADU 1988-89**  
*(in '000' hectares)*

<i>Serial number and name of Scheme.</i>	<i>District Benefited.</i>	<i>Additional Irrigation potential created upto 1988-89.</i>
(1)	(2)	(3)
1 Lower Bhavani Project	.. Periyar and Tiruchirapalli	.. 78.91
2 Mettur Canals	.. Periyar and Salem	.. 18.21
3 Manimuthar	.. Tirunelveli Kattabomman	.. 8.09
4 Amaravathi	.. Coimbatore and Periyar	.. 8.70
5 Vaigai	.. Madurai and Ramanathapuram	.. 8.91
6 Sathanur I stage	.. North Arcot Ambedkar and Thiruvannamalai Sambuvarayar (combined) and South Arcot	.. 8.50

7	Krishnagiri	..	Dharmapuri	..	3.64
8	New Kattalai High level canal	..	Tiruchirappalli and Thanjavur	..	8.34
9	Pullambadi Canal	..	Tiruchirappalli	..	8.94
10	Vidur	..	South Arcot	..	0.39
11	Cheyvar	..	„	..	2.35
12	Parambikulam Aliyar Project	..	Coimbatore and Periyar	..	94.74
13	Sathanur II stage	..	South Arcot	..	2.02
14	Gomukhinadhi	..	South Arcot	..	2.02
15	Manimukthanadhi	..	South Arcot	..	1.62
16	Chittar Pattanamkal	..	Kanniyakumari and Tirunelveli Kattabomman		14.93
17	Ramanathi	..	Tirunelveli Kattabomman	..	0.21
18	Gatanandhi	..	Tirunelveli Kattabomman	..	0.40
19	Modernising Vaigai Channel	..	Madurai and Ramanathapuram		4.05
20	Ponnanaiar	..	Tiruchirappalli	..	3.74

TABLE 6.6—cont.

(in '000' hectares).

Serial number and name of Scheme.	District Benefited.	Additional Irrigation Potential created upto 1988-89.
(1)	(2)	(3)
21 Parapalar	.. Madurai and Tiruchirappalli ..	0.41
22 Thandarai Anicut	.. North Arcot Ambedkar and Thiruvannamalai Samburayar (combined).	0.57
23 Nandan Channel	.. North Arcot Ambedkar Thiruvannamalai Samburayar and South Arcot } (combined).	0.17
24 Pilavukkal	.. Ramanathapuram ..	1.07
25 Chinnar	.. Dharmapuri ..	0.76
26 Karuppanadhi	.. Tirunelveli Ka (abomman) ..	1.17
27 Marudhanadhi	.. Madurai ..	1.53



28	Palar-Porandalar	.. Dindigul Q.aid-E-Millat.	--	4.08
29	Vattamalaikarai Odai	.. Periyar	--	1.20
30	Varattupallai	.. Periyar	..	1.21
31	Gunderipallam	.. Periyar	..	0.92
32	Varadamanadhi	.. Madurai	--	0.19
33	Excavation or right side Channel from Sathanur pickup Anicut.	North Arcot Ambedkar, Thiruyannamala; Sambavarayar (combined) and South Arcot.	..	6.65
34	P. T. Rajan Channel	.. Madurai	..	0.68
35	Gundar Reservoir	.. Tirunelveli Kattabomman	--	0.04
36	Thumbalahalli	.. Dharmapuri	..	0.92
37	Pambar under (DPAP)	.. Dharmapuri	..	1.62
38	Modernisation of Periyar Vaigai Project (Phase I).	Madurai and Ramanathapuram	..	10.31@
39	Upper Reservoir	.. Tiruchirappalli	..	0.72
40	Vembakottai	.. Ramanathapuram	..	2.26

@ 10805 to be obtained from C.E,P.W. Madurai.

TABLE 6.6—cont.

(in '000' hectares).

<i>Serial number and name of Scheme.</i>	<i>District Benefited.</i>	<i>Additional Irrigation potential created upto 1988-89.</i>
(1)	(2)	(3)
41 Kullursandai	.. Ramanathapuram	1.17
42 Ichambadi	.. Dharmapuri	2.53
43 Sulagiri Chinnar	.. Dharmapuri	0.71
44 Thoppiar	.. Dharmapuri and Salem	4.31
45 Siddamalli	.. Tiruchirappalli	1.70
46 Noyyal	.. Do.	3.90
47 Venniar	.. Dharmapuri	3.46
48 Modernisation of Anandanar Channel and its branches.	.. Kanniyakumari	1.86

49	Modernisation of Periyar Vaigai Project II Stage	Madurai and Ramanatha- puram.				7.521 (to be obtained from CE Periyar Vaigai Project, Madurai)
50	Nagavathi .. .. .	Dharmapuri .. .. .				1.61
51	Kesarigulihalla .. .. .	Do.				1.62
52	Extension of right bank Canal of Thirupparappa Anicut modernisation of its entire stretch.	.. Kanniyakumari				0.19
53	Anaimaduvu .. .. .	Salem .. .. .				1.40
54	Kudhiraiyar .. .. .	Dindigal Quaid-E-Millat				1.56
55	Anaikuttam .. .. .	Kamarajar .. .. .				1.82
56	Perumpallam .. .. .	Periyar .. .. .				1.40
57	Golwarpatti (part) .. .. .	Kamarajar .. .. .				1.40

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Source : Chief Engineer (Irrigation), Madras.

## 7. LIVESTOCK AND ANIMAL HUSBANDRY

TABLE 7.1.

## LIVESTOCK AND POULTRY POPULATION 1982.

<i>Classification</i> (1)	<i>Numbers.</i> (2)
<b>A. Cattle.—</b>	
1. <i>Males.—</i>	
(i) under one year .. .. .	5,79,826
(ii) 1—2½ years .. .. .	6,74,945
(iii) Over 2½ years .. .. .	39,43,878
<b>Total</b> ..	<b>51,98,649</b>

2. *Females.*—

(i) Under one year	..	..	..	..	..	..	8,40,858
(ii) 1—2½ years	..	..	..	..	..	..	8,37,639
(iii) Over 2½ years		..	..	..	..	..	
(a) In milk..	..	..	..	..	..	..	16,79,817
(b) Dry	..	..	..	..	..	..	13,46,636
(c) Not calved even once..		..	..	..	..	..	4,61,901
						<b>Total</b>	<b>51,66,851</b>
						<b>Cattle Total</b>	<b>1,03,65,500</b>

B. *Buffaloes.*—

1. *He-Buffaloes.*—

(i) Under One year	..	..	..	..	..	..	2,27,002
(ii) 1—2½ years	..	..	..	..	..	..	1,43,891
(iii) Over 2½ years	..	..	..	..	..	..	3,00,826
						<b>Total</b>	<b>6,71,719</b>

TABLE 7.1—cont.

<i>Classification.</i> (1)	<i>Numbers.</i> (2)
<b>2. She-Bufferoes.—</b>	
(i) Under One year .. .. .	4,57,456
(ii) 1—2½ years .. .. .	3,62,931
(iii) Over 2½ years.—	
(a) In milk .. .. .	9,74,398
(b) Dry .. .. .	5,51,299
(c) Not calved even once .. .. .	1,94,439
Total ..	25,40,523
Buffaloes Total ..	32,12,242

3. Sheep	..	..	..	..	..	..	..	55,36,514
4. Goats	..	..	..	..	..	..	..	52,40,192
5. Horses and Ponies	..	..	..	..	..	..	..	9,834
6. Pigs	..	..	..	..	..	..	..	6,93,735
7. Mules	..	..	..	..	..	..	..	482
8. Camels	..	..	..	..	..	..	..	9
9. Donkeys	..	..	..	..	..	..	..	80,307
10. Domestic Dogs	..	..	..	..	..	..	..	10,41,276
								Total Livestock .. 2,61,86,091

C. Poultry.—

1. Fowls	..	..	..	..	..	..	..	1,78,31,107
2. Ducks	..	..	..	..	..	..	..	4,52,613
								Total .. 1,82,83,720

Source:—Thirteenth Livestock Census, 1982.

TABLE 7.2.

## VETERINARY INSTITUTIONS AND ANIMALS TREATED—1988-89.

District / State.	Type of Veterinary Institutions.					Animals Treated.
	Clini- cian centres.	Veteri- nary Hos- pitals.	Veteri- nary Hos- pitals -cum- K.V.C.	Veteri- nary Dispen- saries.	Veteri- nary Dispen- sary- -cum- K.V.C.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Madras.. ..	1	..	..	1	..	83,713
2 Chengai Anna.. ..	1	2	2	32	14	8,74,084
3 South Arcot .. ..	1	3	..	63	..	9,83,125
4 North Arcot-Ambedkar and Thiruvannamalai Sambuvarayar	2	5	..	65	..	10,85,315
5 Salem .. ..	1	2	..	71	..	13,88,949
6 Dharmapuri .. ..	..	1	..	6	..	7,32,977



7	Periyar	..	..	2	2	..	36	9	7,10,334
8	Colombatore	..	..	2	6	..	38	..	6,52,590
9	The Nilgiris	..	..	..	2	..	6	..	1,55,992
10	Thanjavur	..	..	4	10	..	77	..	13,07,033
11	Tiruchirappalli	..	..	1	4	..	56	..	10,28,487
12	Pudukkottai	..	..	1	..	..	27	..	2,94,985
13	Dinduga: Qnaid-E-Millat	..	..	..	4	..	27	..	4,54,861
14	Madurai	..	..	1	3	..	42	..	8,16,291
15	Ramanathapuram	..	..	..	..	..	18	..	1,86,195
16	Kamarajar	..	..	..	2	..	21	..	2,32,925
17	Pasumpon Thevar Thirumagan	..	..	..	1	..	18	..	1,83,338
18	Tirunelveli Kattabomman	..	..	1	3	..	33	..	3,84,348
19	Kanniyakumari	..	..	1	2	..	16	..	2,07,359
20	Chidambaranar	..	..	1	3	..	20	1	2,96,192
	State	..	..	22	55	2	703	24	1,20,59,093

Source : Director of Animal Husbandry, Madras.

\* K. V. C. : Key Village Centres.

TABLE 7.3.  
ANIMAL HUSBANDRY 1988-89

A. *Cattle Development—*

1 Livestock Farms .. .. .	8
2 Sub-Centres .. .. .	2226
3 Goshala Development Centres .. .. .	—
4 Intensive Cattle Development Projects .. .. .	12
5 Key Village Blocks .. .. .	62
6 Exotic Cattle Breeding Farms .. .. .	1
<i>7 Breeding for Sub-Centres</i>	
(1) Intensive Cattle Development Project .. .. .	650
(2) Key Village centres .. .. .	620

B. *Sheep Development—*

1: Sheep farms .. .. .	2
2 Sheep Units attached to farms .. .. .	4

C. *Poultry Development—*

1 Poultry Extension Centres .. .. .	28
2 Hatcheries .. .. .	2

D. *Piggery Development—*

1 Piggery Units .. .. .	5
2 Forkclubs .. .. .	—

E. *Health Services—*

1 Clinical Laboratories .. .. .	13
2 Rinderpest check posts .. .. .	10
3 Rinderpest Squads .. .. .	18
4 Rinderpest Vigilance Units .. .. .	10
5 Recognised Slaughter houses .. .. .	183
6 Clinician Centres .. .. .	22
7 Mobile units .. .. .	50

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Source : Director of Animal Husbandry, Madras.

**TABLE 7.4.**  
**DAIRY DEVELOPMENT—1988-89.**

1	Main dairies .. .. .	9
2	Feeder Dairies	6
3	Product Dairies	}
4	Milk chilling centre .. .. .	42

Average Milk collection per day—

(1) Flush season : 10.98 lakh litres/day.

(2) Lean season : 8.29 lakh litres/day.

Quantity marketed by TCMPI—

(1) Milk	..	1967.35 lakh litres.	
(2) Butter	..	9.23 do Kg.	
(3) Ghee	..	0.69 do Kg.	
(4) Khoa	..	1.42 do Kg.	
(5) Flavoured milk	..	Satchets Lakh Nos.	10.01
(6) Flavoured milk		Tetrapack Lakh Nos.	9.20

**Marketing—Managed by TCMPF—**

(1) Number of milk booth	..	..	..	525
(2) Number of milk parlour	..	..	..	50
(3) Number of automatic vending units	..		..	125

Procurement of milk by TCMPF

10.11 lakh litres/day  
Average per day

---

*Source* : Managing Director, Tamil Nadu Co-operative Milk Producers' Federation Ltd., Madras.

TABLE 7.5.

## POULTRY DEVELOPMENT—1988-89.

A. *Marketing Unit—**Location of Units—*

- 1 Madras
- 2 Chengai-Anna
- 3 Trichy
- 4 Madurai
- 5 Coimbatore
- 6 Salem
- 7 Tirunelveli
- 8 Vellore
- 9 Namakkal
- 10 Dharmapuri

**B Feed Mixing Units—**

*Location of Units—*

- 1 Nandanam
- 2 Kappalur
- 3 Tiruppur
- 4 Kottapattu

**C Hatcheries—**

*Location of Units—*

- 1 Arasur
- 2 Kappalur
- 3 Kattupakkam
- 4 Hosur

**D Poultry Extension Centres—**

- 1 Chengai-Anna (TAPCO)
- 2 Saidapet
- 3 Kodaikanal
- 4 S.V. Nagaram

TABLE 7.5—Contd.

- 5 Sattur
- 6 Anuppankulam
- 7 Thekkupalayam
- 8 Kondanagaram
- 9 Polivakkam
- 10 Krishnagiri
- 11 Gandhigram
- 12 Karuthapuliampatti
- 13 Vaigaidam
- 14 Amaravathipudur
- 15 Palayampatti
- 16 Polavakalipalayam
- 17 Chengapalli
- 18 Pattukottai
- 19 Tiruvarankulam
- 20 Veppanthattai
- 21 Chinnasalem
- 22 Kottaram



- 23 Abishekapatti
- 24 Orathanadu
- 25 Pudukottai
- 26 Masinagudi
- 27 Bhavanisagar
- 28 Bhuvanagiri
- 29 Chettinadu

E *Production—*

1 Chicks	..	..	..	..	19.88 Lakhs.
2 Poultry Feed	..	..	..	..	4358 MT

F *Sales—*

1 Poultry Feed	..	..	..	..	4359 Tonne.
2 Eggs	..	..	..	..	256.23 Lakhs.
3 Number of Birds sold for breeding.	for				19.88 lakhs.
4 Number of birds sold for table..					1.42 lakhs.
5 Quantity of Meat sold	..	..	..	..	114.137 Tonne

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Source : Managing Director, Tamil Nadu Poultry Development Corporation  
Madras and Director of Animal Husbandry, Madras,

## 8 FISHERIES.

TABLE 8.1.

FISHERIES DEVELOPMENT 1988-89.

## 1. Area :

(a) Total coastal line of the State .. .. .	1000 Km.
(b)(i) Total Inland Fresh water Sources available for fish Culture ..	3.07 lakh hectares.
(ii) Estuaries and Brackish water area .. .. .	0.56 lakhs hectares.
(c) Marine Fishing villages .. .. .	442

## 2. Fish Production—

(a) Inland Fish (Tonne) .. .. .	82,000
(b) Value (Rs. in lakhs) .. .. .	2,952

### 3. Fisheries Development—

(a) Freezing Plants	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	26
(b) Ice plants/Cold-storages/Walk-in coolers	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	66
(c) Sea food manufacturing units in private sector	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	72
(d) Fisheries Training Centre—									
(i) Marine	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	6
(ii) Inland	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	Nil
(e) Fishing vessels	.. .. .	.. .. .	.. .. .	(i) Mechanised	3647	} 50298			
			(ii) Motorised	3732					
			(iii) Non-Mechanised. (Canoes & Catamarans)	42919					
(f) Active Marine Fishermen	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	1,0,7000

### 4. Export—

Fish and Fish Products	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	15,330	10,320.44
						(Tonne)	(Rs. in lakhs)

Source : Director of Fisheries, Madras and Director, Marine Products Export Development Authority, Madras.

TABLE 8.2.

## ESTIMATED MARINE FISH PRODUCTION BY DISTRICTS, 1988-89

<i>Serial number and name of the district.</i>	<i>Non-Mechantsed,</i>
(1)	(2) (TONNE).
1 Madras .. .. .	2,039
2 Chengal-Anna .. .. .	4,733
3 South Arcot .. .. .	6,516
4 Thanjavur .. .. .	16,956
5 Pudukkottai .. .. .	1,991
6 Ramanathapuram .. .. .	11,024

7	8Chidambaranar	..	..	..	..	12,850
8	Tiruneiveli, Kattabomman			..	..	3,134
9	Kanniyakumari	..	..	..	..	24,873
Total..						84,118

*Source : Director of Statistics Madras.*

## 9. FORESTS.

TABLE 9.1.

AREA UNDER FORESTS BY DISTRICTS, 1986-87.

<i>Serial number and name of the district.</i>	<i>Area under Forests (In Hectares).</i>			<i>Total.</i>	<i>Fuel Coupes.</i>	<i>Area Reserved for Grazing (In Sq. kms).</i>
	<i>Reserved Forests.</i>	<i>Reserved Lands.</i>	<i>Un- classified.</i>			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Madras ..	271	30	..	301	..	..
2 Chengai-Anna ..	34,500	8,806	5,324	48,630	..	433
3 South Arcot ..	65,631	46,822	12,371	124,824	..	241
4 North Arcot Ambedkar- and Thiruvannamalai Sambuvarayar	307,984	6,623	..	314,607	..	1,774
5 Salem .. ..	146,707	20,378	..	167,085	..	20
6 Dharmapuri ..	278,225	82,209	2,444	362,878	..	113
7 Coimbatore ..	165,959	144	3,616	169,719	..	1,114

8 Periyar ..	240,053	842	749	241,644	--	2,128
9 The Nilgiris ..	131,097	7,413	11,206	149,716	..	662
10 Tiruchirappalli ..	65,685	2,868	..	68,553	...	691
11 Thanjavur ..	17,400	2,279	320	19,999	..	176
12 Pudukkottai ..	15,609	15,007	5,462	36,078	..	..
13 Madurai ..	80,860	70,850	9,020	307,408	..	1,124
14 Coimbatore-Quaid-E-Millat	121,494	25,184			..	1,212
15 Ramanathapuram	13,035	9,514	4,567	53,636	..	173
16 Pasumpon Thevar Thirumagan						
17 Kamarajar ..	18,897	7,623			..	
18 Tirunelveli-Kattabomman..	110,735	23,899	2,702	137,336	..	} 667
19 Chidambaranar ..						
20 Kanniyakumari ..	40,802	3,849	3,605	48,256	..	393
State Total ..	1,854,944	334,340	61,386	22,50,670	..	10,921

TABLE 9.1—cont.

Serial number and name of the district.	Area Planted.			Per Capita.		Percentage of Forest Area to Land area.
	Timber.	Fuel.	Others.	Land Area.	Forest Area.	
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1 Madras .. ..	..	..	..	Neg.	Neg.	1.76
2 Chengai-Anna ..	50	1,247	212	0.22	0.01	6.19
3 South Arcot ..	130	346	515	0.26	0.03	11.45
4 North-Arcot Ambedkar and Thiruvannamalai Sambuvarayar.	56	193	764	0.28	0.07	25.72
5 Salem .. ..	50	153	2,259	0.25	0.05	19.35
6 Dharmapuri ..	72			0.48	0.18	37.87
7 Coimbatore .. ..	..	..	1,034	0.24	0.06	22.66
8 Periyar .. ..	..	..	372	0.40	0.12	29.36
9 The Nilgiris ..	50	..	346	0.40	0.24	58.92



10	Tiruchirappalli ..	10	403	2123	0.31	0.02	6.16	
11	Thanjavur ..	216	83	130	0.40	0.03	7.74	
12	Pudukkottai ..	..	..	..	0.20	0.00	2.43	
13	Madurai ..	}	..	684	3,418	0.28	0.07	24.27
14	Dindigul Quaid-E-Millat.							
15	Ramanathapuram ..	}	..	..	..	0.37	0.02	4.30
16	Pasumpon Thevar Thirumagan.							
17	Kamarajar ..							
18	Tirunelveli-Kattabomman ..	}	50	160	397	0.32	0.04	12.04
19	Chidambaranar ..							
20	Kanniyakumari ..	..	80	40	0.12	0.03	28.84	
State Total ..		684	3,349	11,610	0.27	0.05	17.32	

NOTE.—The area figures are subject to Reconciliation.  
*Source:* Principal Chief Conservator of Forests, Madras.

**TABLE 9.2.**  
**OUT-TURN OF FOREST PRODUCE 1986-87 (ESTIMATED VALUE.)**

<i>Serial number and Products.</i>	<i>Unit.</i>	<i>Out-turn.</i>	<i>Value.</i>
(1)	(2)	(3)	(4)
		(RUPEES IN LAKHS)	
<b>I Major Products..</b>			
1 Timber .. .. .	Cu. m	514	36.26
2 Fuelwood .. .. .	Cu.m.	170,154	256.34
<b>3 Sandal wood—</b>			
(i) Heart Wood .. .. .	Tonne	1,792	1,552.27
(ii) Sapwood .. .. .	Tonne	3,008	53.92
4 Pulpwood .. .. .	Tonne	238,611	583.38
5 Poles (Various Size) .. .. .	Cu.m.	3,610	28.04

## II MINOR PRODUCTS :

1 Bamboo	..	..	..	..	Tonne	12,541	38.69
2 Grazing	..	..	..	..	..	..	10.96
3 Rubber	..	..	..	..	Tonne	2,380	401.39
4 Cashew	..	..	..	..	Tonne	186	13.78
5 Eta Reeds	..	..	..	..	..	..	..
6 Tea (Green)	..	..	..	..	Tonne	21,518	6 60.61
7 Wattle Bark	..	..	..	..	Tonne	15,859	120.81
8 Other Produces	..	..	..	..	..	..	83.25
Total	..	..	..	..	..	..	38,44.70

NOTE.—The value for fuelwood includes Social Forestry Constituents and Corporation.

Source : Principal Chief Conservator of Forests, Madras.

TABLE 9.3.  
FOREST BASED INDUSTRIES, 1986-87.

<i>Serial number and Industry.</i>	<i>Number of units.</i>	<i>Forest product utilised.</i>
(1)	(2)	(3)
1 Paper and Board .. ..	3	(i) Bamboo. (ii) Eucalyptus hybrid (iii) Grass (iv) Eta reeds
2 Rayan and Staple Fibre .. ..	1	(i) Wattle wood (ii) Bluegum wood and <b>Eucalyptus Grandis.</b>

3	Wattle wood	..	..	..	1	Wattle Bark
4	Chip Board	..	..	..	1	Softwood
5	Eucalyptus Oil	..	..	..	2	Eucalyptus leaves

---

*Source* ; Principal, Chief Conservator of Forests, Madras.

TABLE 9.4.  
WILD LIFE SANCTUARIES, 1986-87.

<i>Serial number and name of the Sanctuary.</i>	<i>Area in Hectares.</i>	<i>Year of formation.</i>
(1)	(2)	(3)
1 Mudumalai .. .. .	32,100	1940
2 Mundanthurai .. .. .	56,700	1962
3 Vedanthangal .. .. .	30	1962
4 Point Calimers .. .. .	1,729	1967
5 Guindy Park (National Park) .. .. .	271	1959
6 Anamalai Indra Gandhi Wildlife Sanctuary, Pollachi	95,800	1962
7 Kalakad .. .. .	22,358	1976
8 Vettangudi .. .. .	38	1977
9 Nilgiris Tahr Sanctuary .. .. .	7,846	1982

10 Pulicat Lake Bird Sanctuary	..	..	..	..	15,367 or 18 Km in Length 4 Kms in breadth.
			Total	..	<u>232,239</u>
Percentage to total forest area	..	..	..		13.32

NOTE. Area for Serial No. 10 is Tentative figures.

The actual area for the Pulicate birdsanctuary will by the Collector of Madras in due Course.

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Source : Principal, Chief Conservator of Forests, Madras.

TABLE 9.5.  
AREA UNDER SOCIAL FORESTRY 1987-88.

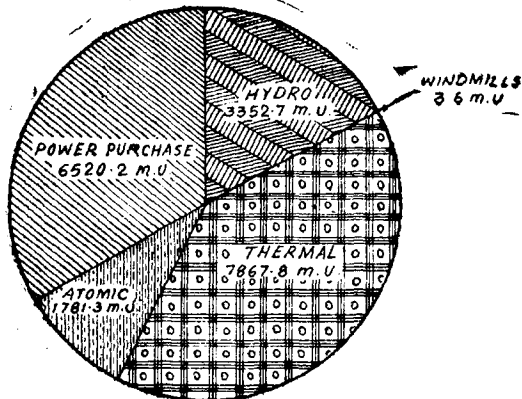
Name of District.	Block Planting (Area in hectares).	Strip Planting (Length in Km.)	Number of seedlings in lakhs under Tree Cultivation.	
			Incentive Programme.	Extension Programme.
(1)	(2)	(3)	(4)	(5)
1 Chengai-Anna .. ..	1,876	49	16.16	27.46
2 South Arcot .. ..	1,568	38	8.01	34.83
3 North Arcot—Ambedkar and Thiruvannamalai Sambuvarayar	1,976	78	13.00	45.14
4 Salem .. ..	1,058	126	7.00	24.00
5 Dharmapuri .. ..	969	115	20.85	19.65
6 Periyar .. ..	347	141	6.07	23.38
7 Coimbatore .. ..				
8 The Nilgiris .. ..				



9	Thinjavar	.. ..	520	105	3.25	9.75
10	Tiruchirappalli	.. ..	1,014	59	14.65	34.69
11	Pudukkottai	.. ..	664	5	4.50	12.00
12	Dindigul Quaid-E-Millat.		428	15	20.00	30.28
13	Madurai	.. ..	694	41	4.50	2.09
14	Ramanathapuram	.. ..	655	28	3.25	12.00
15	Kamarajar	.. ..	804	19	4.49	7.49
16	Pasampon Thevar Thirumagan		716	17	4.50	12.00
17	Tirunelveli Kattabomman	} .. .. }	1,813	25	12.00	28.50
18	Chidambaranar					
19	Kanniyakumari					
	Total	.. ..	15,102	861	142.23	323.26

Source : Chief Conservator of Forests, Madras.

# GENERATION OF ELECTRICITY 1988-89



## 10. ELECTRICITY.

TABLE 10.1.

INSTALLED CAPACITY AND GENERATION OF ELECTRICITY 1988-89.

<i>Serial number and name of the Power Station.</i>	<i>Year of operation.</i>	<i>Installed capacity in M.W. as on 31st March 1989.</i>	<i>Generation in M.U.</i>	<i>Station consumption in M.U.</i>	<i>Net units sent out in M.U.</i>
(1)	(2)	(3)	(4)	(5)	(6)

## A. GENERATION

## (a) Hydro—

1 Pykara .. ..	56th	70	244,928	1.088	243,840
2 Moyar .. ..	37th	36	103,994	0.563	103,431
3 Kundah I ..	29th	60	201,487	0.587	200,900
4 Kundah II ..	29th	175	479,786	0.798	478,988
5 Kundah III ..	24th	180	297,874	1.738	296,136
6 Kundah IV ..	23rd	100	122,087	0.319	121,768
7 Kundah V ..	25th	40	61,830	0.228	61,602
8 Mettur Dam ..	52nd	40	42,540	0.948	41,592
9 Mettur Tunnel ..	24th	200	310,311	0.703	309,608

TABLE 10.1.—cont.

<i>Serial number and name of the Power Station.</i>	<i>Year of operation.</i>	<i>Installed capacity in M.W. as on 31st March 1989.</i>	<i>Generation in M.U.</i>	<i>Station consumption in M.U.</i>	<i>Net units sent out in M.U.</i>
(1)	(2)	(3)	(4)	(5)	(6)
10 Lower Mettur ..	2nd	120	187.125	2.100	185.025
11 Periyar ..	31st	140	303.906	1.519	302.397
12 Suruliar ..	11th	35	63.026	0.293	62.733
13 Papanasam ..	45th	28	105.669	0.459	105.210
14 Servar ..	4th	20	19.064	0.100	18.964
15 Sarkarpathy ..	23rd	30	136.224	0.091	136.133
16 Aliyar ..	19th	60	140.784	0.279	140.505
17. Kadampahai ..	2nd	400	90.488	0.605	89.883
18: Solayar I ..	18th	70	170.752	0.478	170.274
19 Kodayar I ..	19th	60	163.301	0.367	162.934
20 Sholayar II ..	19th	25	42.768	0.202	42.566
21 Kodayar II ..	18th	40	64.787	0.221	64.566
(a)—Total Hydro ..		1,929	33,52,731	13.686	3,339.055

(b) Windmill General	3rd	3	3.556	..	3.556
<b>(c) Thermal—</b>					
1 Ennore	.. 20th	450	1836.848	220.073	1616.775
2 Tuticorin	.. 10th	630	4523.410	333.855	4187.555
3 Mettur	.. .. 3rd	630	1507.510	166.225	1341.285
<b>(c) Total Thermal</b>		<b>1,710</b>	<b>7,867.768</b>	<b>722.153</b>	<b>7,145.615</b>
<b>Atomic Kalpakkam</b>					
		470	1781.304	..	..
1 Neyveli Thermal Station I		600	2,977.077	..	..
2 Neyveli Thermal Station II		630	3,170.735	..	..
3 N.T.P.C. Ramagundam		1600	339.721	..	..
4 Others (Manali)	.. ..	..	21.152	..	..
5 Kerala	.. .. ..	..	9.951	..	..
6 Karnataka (230 KV)	..	..	0.001	..	..
7 Karnataka (400KV)	..	..	1.584	..	..
<b>(e) Total Power Purchased</b>			<b>6,520.221</b>	..	..
<b>Grand Total (a+b+c+d+e)</b>			<b>19,525.580</b>	..	..

TABLE—10.1—Cont

<i>Serial number and name of the Power Station.</i>	<i>Year of operation.</i>	<i>Installed capacity in M.W. as on 31st March 1989.</i>	<i>Generation in M.U.</i>	<i>Station consumption in M.U.</i>	<i>Net units sent out in M.U.</i>
(1)	(2)	(3)	(4)	(5)	(6)
<i>C. power Supply to other States—</i>					
1 Kerala .. .. .	..	..	1168,463		
2 Karnataka (230 KV) ..	..	..	73,539		
3 Karnataka (400 KV) ..	..	..	71,858		
4 Andhra Pradesh (230 KV)	..	..	6,880		
5 N.T.P.C. (400 KV) ..	..	..	261,914		
		Sub Total ..	1582,654		
		Net T.N.E.B. Consumption	17942,926		

**D. Per capita consumption .. 268 Units.**

**E. Power Demand—**

(1) year .. .. .	1988—89
(2) Units $\bar{\text{r}}$ .. .. .	17942,926
(a) Instantaneous .. .. .	2734 M W at 0750 Hrs, 3rd January 1989
(i) Peak demand .. .. .	
(b) Sustained .. .. .	
Peak demand .. .. .	26751 M W at 0700/0730 Hrs, on 3rd January 1989.

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*Source :* Chief Engineer (Personnel), Tamil Nadu Electricity Board, Madras.

**TABLE 10.2.**

**TRANSMISSION AND DISTRIBUTION OF ELECTRICITY 1988-89.**

1 Total Length of E.H.T. and H.T. Lines existing (Km.) ..	97,462
2 Total Length of L.T. Lines Existing (Km.).. .. .	3,16,629
3 Number of Distribution Transformers (Existing) .. .. .	78,733
4 Number of E.H.T. Sub-stations existing .. .. .	334
5 Number of H.T. Sub-Stations existing .. .. .	164

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*Source :* Chief Engineer (Personnel), Tamil Nadu Electricity Board, Madras

### CONSUMPTION OF ELECTRICITY 1988-89

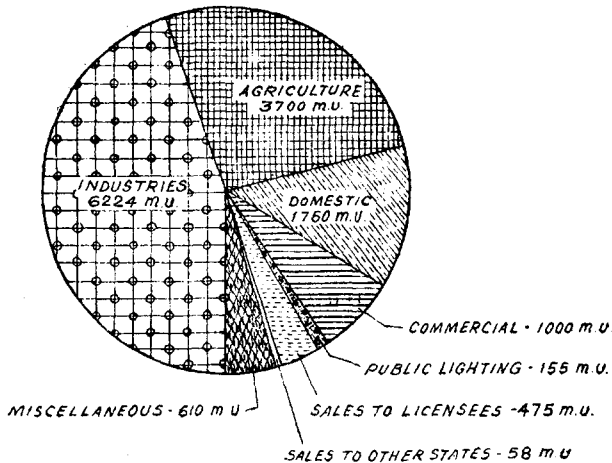




TABLE 10.3.

## CONSUMPTION OF ELECTRICITY (P) 1988-89.

<i>Serial number</i>	<i>Category.</i>						<i>Consumption in Million Units</i>	<i>Percentage of Consumption</i>
(1)		(2)					(3)	(3)
1	Industries	..	..	..	..	..	6,224	44.55
2	Agriculture	..	..	..	..	..	3,700	26.48
3	Domestic	..	..	..	..	..	1,750	12.53
4	Commercial	..	..	..	..	..	1,000	7.16
5	Public Lighting	..	..	..	..	..	155	1.10
6	Sales to Licensees	..	..	..	..	..	475	3.40
7	Sales to Other States	..	..	..	..	..	58	0.42
8	Miscellaneous	..	..	..	..	..	610	4.36
						Total ..	13,972	100.00

*Source* . Chief Engineer (Personnel), Tamil Nadu Electricity Board, Madras.

TABLE 10.4.  
RURAL ELECTRIFICATION 1988-89

Serial and number. (1)	District. (2)	Number of Villages and Hamlets Electrified during the year 1988-89.	
		Villages. (3)	Hamlets. (4)
1	Madras .. ..	..	..
2	Chengai-Anna .. ..	1	..
3	South Arcot .. ..	2	..
4	North Arcot Ambedkar and Thiruvannamalai Sambuvarayar	..	..
5	Salem .. ..	..	21
6	Dharmapuri .. ..	1	..
7	Perivar .. ..	..	..
8	Coimbatore .. ..	..	..

9	The Nilgiris ..	..	..
10	Thanjavur .. ..	..	..
11	Tiruchirappalli ..	..	..
12	Pudukkottai ..	..	..
13	Dindigul Quaid-E- Milat	..	..
14	Madurai .. ..	..	..
15	Ramanathapuram ..	..	..
16	Pasumpon Thevar Thirumagan	..	..
17	Kamarajar .. ..	..	..
18	Tirunelveli .. .. Kattabomman ..	..	..
19	Chidambaranar ..	..	..
20	Kanniyakumari ..	..	..
	<b>Total ..</b>	<b>4</b>	<b>21</b>

TABLE 10.4—cont.

Serial number.	District.	Number of Villages and Hamlets Electrified upto the end of the year as on 31st March 1989.		Number of Families energised.	
		Villages,	Hamlets.	During the year	Upto the end of the year as on 31st March 1989.
		(5)	(6)	(7)	(8)
1	Madras .. ..	..	..	..	..
2	Chengai-Anna ..	1,854	2,445	4,058	89,493
3	South Arcot	965	1,850	5,941	1,38,403
4	North Arcot Ambedkar and Thiruvannamalai Sambuvarayar	1,871	2,219	6,609	2,06,129
5	Saeml .. ..	2,2804	,301	5,353	1,38,164

6	Dharmapuri	..	1,065	3,510	2,722	56,610
7	Periyar	.. ..	481	6,018	3,716	64,421
8	Coimbatore	.. ..	447		2,504	1,21,153
9	The Nilgiris	.. ..	13		821	38
10	Thanjavur	.. ..	1,728	3,866	2,427	36,399
11	Tiruchirappalli	.. ..	894	4,244	5,400	1,03,917
12	Pudukkottai	.. ..	747	2,415	841	24,823
13	Dindigal Quaid-E-	} .. ..	909	4,730	2,497	53,223
14	Madurai				2,501	6,8,463
15	Ramanathapuram	} .. ..	1,411	5,034	383	5,2,625
16	Pasumpon Thevar				881	
17	Thirum gan Kamarajar				926	
18	Tirunelveli	} .. ..	945	3,716	2,510	44,797
19	Kattabomman Chidambaranar				813	3,2,492

TABLE 10.4.—cont.

Serial number.	District.	Number of Villages and hamlets Electrified up to the end of the year as on 31st March 1989.		Number of Pump-sets energised.	
		Villages.	Hamlets.	During the year	Upto the end of the year as on 31st March 1989.
		(5)	(6)	(7)	(8)
20	Kanniyakumari ..	83	2,490	203	3,053
	Total ..	15,813	476,659	50,326	12,34,776 (K) 1,165
					12,35,941

NOTE- (K);Energised by Other agencies.

Source : Chief Engineer (General) Tamil Nadu Electricity Board, Madras.

TABLE-10.5.

## STREET LIGHTS 1988-89

<i>Serial number.</i>	<i>Name of Electricity Distribution Circle.</i>		1×40	2×40	<i>MV &amp; SV. Lamps.</i>	<i>Other</i>	<i>Total.</i>
(1)	(2)		(3)	(4)	(5)	(6)	(7)
1	Madras	North ..	22,864	..	1,648	205	24717
2	Madras	South ..	15,139	12	798	..	15,949
3	Madras	Central ..	1,356	..	103	..	1,459
4	Chengalput	..	26,921	10	..	..	26,931
5	Kancheepuram	..	25,474	938	357	..	26,765
	Madras Region	..	<u>91,754</u>	<u>960</u>	<u>2,906</u>	<u>205</u>	<u>90,831</u>
1	Vellore	.. ..	26,711	215	756	..	27,682
2	Tirupathur	.. ..	21,347	67	321		21,735

TABLE—10.5.—cont.

<i>Serial number.</i>	<i>Name of Electricity Distribution Circle</i>	<i>1 × 40</i>	<i>2 × 40</i>	<i>MV &amp; SV. Lamps</i>	<i>Others.</i>	<i>Total.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
3	Thiruvannamalai ..	32,721	17	181	..	32,919
4	Dharmapuri .. ..	33,701	203	542	..	34,446
5	Villuparam .. ..	40,244	245	429	..	40,913
6	Cuddalore .. ..	53,592	287	591	..	54,470
	Vellore Region ..	<u>2,08,316</u>	<u>1,034</u>	<u>2,815</u>	..	<u>2,12,165</u>
1	Trichy (North) ..	31,300	2	157	..	31,459
2	Trichy (South) ..	41,873	11	1,022	3,451	46,357
3	Thanjavur (East) ..	54,123	..	211	274	54,608
4	Thanjavur (West) ..	49,990	9	60	..	50,059



3	Pudukkottai .. .	25,195	159	163	135	25,65
6	Anna .. ..	27,777	4,450	484	5,166	37,877
	Trichy Region ..	<u>2,30,258</u>	<u>4,631</u>	<u>2,097</u>	<u>9,026</u>	<u>2,46,012</u>
1	Madurai ..	42,821	1,051	1,110	..	44,982
2	Ramnad ..	54,408	244	364	139	55,155
3	Kamarajar ..	28,600	617	1063	..	30,280
4	V.O.Chidambaranar ..	35,479	715	742	4	36,940
5	Nelai—Kattabomman	54,193	948	1,103	1	56,245
6	Kanniyakumari ..	32,383	1,892	723	171	35,169
	Madurai Region ..	<u>2,47,884</u>	<u>5,467</u>	<u>5,105</u>	<u>315</u>	<u>2,58,771</u>
1	Salem .. ..	27,795	646	8513	..	30,954
2	Mettur .. ..	37,836	619	1,445	..	30,900

TABLE—10.5.—cont.

<i>Serial number.</i>	<i>Name of Electricity Distribution Circle</i>	<i>1 × 40</i>	<i>2 × 40</i>	<i>MV and SV. Lamps</i>	<i>Other</i>	<i>Total.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
3	Periyar ..	39,440	2,034	1,221		42,695
4	Coimbatore (North)..	23,891	1,263	641		25,795
5	Coimbatore (South)..	24,013	137	350		24,500
6	Udumalpet .. ..	16,226	981	204	..	17,411
	Coimbatore Region ..	1,69,20	5,680	6,021	350	1,81,255
	Grand Total ..	9,47,413	17,772	18,947	9,895	9,9,4028

*Source* : Superintending Engineer, Rural Electrification, Tamil Nadu Electricity Board, Madras

# 11. INDUSTRIES.

## TABLE 11.1

RESULTS OF ANNUAL SURVEY OF INDUSTRIES. 1985-86.

<i>Characteristics.</i>		<i>Units.</i>		<i>Results for All Industries.</i>
(1)		(2)		(3)
1	Number of Factories .. ..	Numbers		13,074
2	Fixed Capital .. ..	(Rs. in lakhs)		5,14,145
3	Working Capital .. ..	( ,, )		2,22,840
4	Productive Capital .. ..	( ,, )		7,36,985
5	Invested Capital .. ..	( ,, )		8,22,039
6	Outstanding Loans .. ..	( ,, )		5,76,809
7	Mandays—Workers Worked	(Numbers in Lakhs)		2,081
8	Mandays—Employees Worked	Do.		2,617

TABLE 11.1—cont.

<i>Characteristics.</i>		<i>Units.</i>		<i>Result for All Industries.</i>
(1)		(2)		(3)
9	All Workers .. ..	Numbers		6,92,073
10	All Employees .. ..	Do.		8,60,483
11	Wages to workers .. ..	(Rs. in lakhs)		74,053
12	Emoluments to Employees .. ..	Do.		1,12,185
13	Fuels Consumed .. ..	Do.		96,907
14	Materials Consumed .. ..	Do.		82,20,025
15	Industrial Services .. ..	Do.		52,414
16	Non-Industrial Services .. ..	Do.		40,853
17	Total Inpu .. ..	Do.		10,10,199

18	Products	..	..	(Rs. in lakhs.)	12,19,003
19	Other Output	..	..	Do.	75,267
20	Total Output	..	..	Do.	12,94,270
21	Depreciation	..	..	Do.	45,317
22	Value Added	..	..	Do.	2,38,574
23	Factor Payment	..	..	Do.	58,010
24	Nett Income		..	Do.	1,80,744

TABLE 11.1—cont.  
1986-87

<i>Characteristics.</i>		<i>Units.</i>		<i>Results for All Industries.</i>
(1)		(2)		(3)
1	Number of Factories .. ..	Numbers		13,381
2	Fixed Capital .. ..	Rs. in lakhs.		5,71,919
3	Working Capital .. ..	„		2,36,030
4	Productive Capital .. ..	„		8,07,949
5	Invested Capital .. ..	„		8,96,405
6	Outstanding Loans .. ..	„		5,99,205
7	Mandays Workers Worked .. ..	Nos. in lakhs.		2,099
8	Mandays Employees Worked,.. ..	„		2,731
9	All Workers .. ..	Number		6,85,142

TABLE 11.1—*com*

<i>Characteristics.</i>				<i>Units.</i>	<i>Results for All Industries.</i>
(1)				(2)	(3)
10	All Employees	..	..	Number	8,61,161
11	Wages to Workers	..	..	Rs.in lakhs	80,685
12	Emoluments to Employees..	..	..	„	1,27,207
13	Fuels Consumed	..	..	„	1,29,500
14	Material Consumed	..	..	„	8,77,215
15	Industrial Services	..	..	„	64,161
16	Non-Industrial Services	..	..	„	40,509
17	Total Input	..	..	„	11,15,887
18	Products	..	..	„	13,47,670

19	Other Output	..	..	(Rs.in lakhs)	84,244
20	Total output	..	..	„	14,31,915
21	Depreciation	..		„	48,333
22	Value Added	..	..	„	2,67,694
23	Factor Payment	..	..	„	69,995
24	<u>Nett Income</u>	..	..	„	1,97,699

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Source : Director of Statistics, Madras.



TABLE 11.2

ESTIMATES OF OUTPUT AND VALUE ADDED BY MANUFACTURE BASED ON ANNUAL SURVEY OF INDUSTRIES—1985-86.

<i>Industry Group.</i>	<i>Description of the Industry.</i>	<i>All Employees Numbers.</i>	<i>Value of Output (Rs.in lakhs).</i>	<i>Value added</i>
(1)	(2)	(3)	(4)	(5)
20-21	Food Products .. ..	1,04,273	1,35,371	17,678
22	Beverages, tobacco and products ..	9,799	14,638	1,972
23	Cotton Textiles .. ..	1,65,872	1,61,679	31,155
24	Wool Silk and Synthetic Fibres Textiles.	9,923	8,979	1,759
25	Jute, Hemp and Mesta Textiles ..	284	110	24
26	tTextile Products .. ..	26,192	22,039	2,461

27	Wood and Wood products.	5,242	1,773	398
28	Paper and Paper products. Printing Publishing allied industries ..	34,539	35,725	6,649
29	Leather, Leather and Fur products	31,311	48,681	5,475
30	Rubber, Plastic, Petroleum and Coal Products .. ..	20,876	1,84,357	13,327
31	Chemical and Chemical Products ..	92,578	1,50,850	25,693
32	Non-metallic Mineral Products ..	30,482	52,301	12,092
33	Basic Metal and Alloys Industries ..	31,961	67,324	9,080
34	Metal products and Parts .. ..	19,301	20,089	3,990
35	Machinery Machine Tools, and Parts .. ..	68,067	1,31,137	35,036
36	Electrical Machinery .. ..	24,666	37,741	97,76
37	Transport equipments. and Parts ..	84,136	1,08,796	25,837
38	Other Manufacturing Industries ..	4,089	6,262	1,491
41	Electricity .. ..	69,303	85,625	30,314

41&42	Gas, Steam, Water works and supply .	552	8,523	(—) 523
91	Sanitary Services .. .. .	429	152	53
95	Recreational and Cultural Services.	1,500	1,172	560
96	Personal Services .. .. .	327	99	37
97	Repair Services .. .. .	25,141	10,847	4,420
	State Total ..	<u>8,60,843</u>	<u>12,94,270</u>	<u>2,38,754</u>

TABLE 11.2—cont.,  
1986-87

<i>Industry group.</i>	<i>Description of the Industry</i>	<i>All Employees numbers.</i>	<i>Value of out put (Rs. in lakhs).</i>	<i>Value added (Rs. in lakhs).</i>
(1)	(2)	(3)	(4)	(5)
20-21	Food Products .. .. .	1,14,252	1,58,376	23,830
22	Beverages, Tobacco and Products ..	9,020	15,809	2,405
23	Cotton Textiles .. ...	1,65,486	1,69,560	36,059
24	Wool Silk and Synthetic Fibre Textiles .. .. .	9,271	8,174	1,727
25	Jute, Hemp and Mesta Textiles ..	186	20	..
26	Textile Products .. .. .	23,654	25,251	3,856
27	Wood and Wood Products ..	5,203	2,164	471

28	Paper and Paper Products, Printing Published allied industries ..	36,756	56,062	11,388
29	Leather and Fur Products .. ..	31,540	5,1587	5,916
30	Rubber, Plastic, Petroleum and Coal Products .. ..	20,498	1,95,027	22,299
31	Chemical and Chemical Products ..	90,200	1,60,673	26,200
32	Non-Metallic mineral Products ..	30,578	55,878	13,493
33	Basic Metal and Alloys industries..	30,494	68,856	8,733
34	Metal Products and Parts .. ..	16,092	21,097	3,972
35	Machinery, Machine Tools and Parts .. ..	70,371	1,47,804	32,614
36	Electrical Machinery .. ..	23,679	45,916	10,392
37	Transport equipments and Parts ..	83,489	1,22,605	31,287
38	Other manufacturing industries ..	4,357	5,510	1,656
40	Electricity .. ..	69,651	1,06,626	27,035

41 & 42	Gas, Steam, Water Works and supply	557	1,826	(→) 668
91	Sanitary Services .. .. .	446	171	64
95	Recreational and Cultural Services ..	1,316	1,175	447
96	Personal Services .. .. .	271	106	32
97	Repair Services .. .. .	23,794	11,642	4,488
State Total		8,61,161	14,31,915	2,67,695

*Source* : Director of Statistics Madras.

**TABLE 11.3**  
**INDUSTRIAL PRODUCTION, 1988**

<i>Serial number.</i>	<i>Name of the Product.</i>					<i>Unit of Quantity.</i>	<i>Production.</i>	
(1)	(2)					(3)	(4)	
1	Sugar (Refined)	..	..	..	..	Tonne	..	8,20,737
2	Vanaspathy	..	..	..	..	,,	..	30,690
3	Refined Oil	..	..	..	..	,,	..	4,988
4	Tea (Processed)	..	..	..	..	,,	..	1,01,837
5	Coffee (Cured)	..	..	..	..	,,	..	10,252
6	Cotton Yarn	..	..	..	..	,,	..	3,53,288
7	Cotton Woven Piece Goods	..	..	..	..	'000' metres	..	1,63,563
8	Printing and Writing paper	..	..	..	..	Tonne	..	1,11,183
9	Tyres (All types)	..	..	..	..	Number	..	80,60,032





19	Paints and Enamels	..	..	..	..	Kilogram	..	49,51,913
20	Varnishes	..	..	..	..	Litre	..	2,16,285
21	Safety Matches	..	..	..	..	'000' gross boxes	..	1,53,157
22	Refractories	..	..	..	..	Tonne	..	2,08,847
23	Cement	..	..	..	..	„	..	39,20,287
24	Asbestos Cement Products	..	..	..	..	„	..	1,08,354
25	Coated Abrasives	..	..	..	..	Ream	..	46,453
26	Bonded Abrasives	..	..	..	..	Tonne	..	4,959
27	Iron and Steel (Metal)	..	..	..	..	„	..	2,20,425
28	Castings (Iron and Steel)	..	..	..	..	„	..	75,610
29	Non-Ferrous (Metal)	..	..	..	..	„ ..	..	12,451
30	Metal Containers, Caps and Closures	..	..	..	..	„	..	18,978
31	Tractors	..	..	..	..	Number	..	160,93
32	Earth Moving Machinery	..	..	..	..	„	..	28

TABLE 11.3—*contd.*

<i>Serial number.</i>	<i>Name of the product.</i>	<i>Unit of Quantity.</i>	<i>Production.</i>
(1)	(2)	(3)	(4)
33	High Pressure Boilers and Fittings .. .. .	Tonne ..	1,53,064
34	Diesel Engines .. .. .	Number ..	83,841
35	Frames (Textiles) .. .. .	„ ..	1,569
36	Power driven pumps .. .. .	„ ..	2,10,886
37	Typewriters .. .. .	„ ..	37,381
38	Transformers .. .. .	K.V.A. ..	1,54,310
39	Electric Motors .. .. .	Number ..	2,21,007
40	Dry Cells .. .. .	'000' .. Number ..	1,44,949
41	Railway Coaches .. .. .	Number ..	878

42	Railway Wagons	..	..	..	..	Number	..	361
43	Completed Motor Vehicles	..	..	..	..	..	..	1,637
44	Motor Vehicle Chassis	..	..	..	..	..	..	16,630
45	Body Building	..	..	..	..	..	..	2,535
46	Motor Cycles	..	..	..	..	..	..	2,75,896
47	Bi-cycles	..	..	..	..	..	..	10,52,436
48	Synthetic Gem Stones	..	..	..	..	Kilogram	..	13,087

*Source:* Director of Statistics, Madras.

TABLE 11.4.

## PRODUCTION AND VALUE OF MAJOR MINERALS—1988-89.

<i>Minerals.</i>	<i>Unit.</i>	<i>Quantity.</i>	<i>Value</i> <i>(Rs. in '000')</i>
(1)	(2)	(3)	(4)
1 Lignite .. ..	'000' tonne ..	10,405	20,41,212
2 Petroleum (Crude) ..	" ..	26	4,86,38
3 Bauxite .. ..	Tonne .. ..	8,477	52,42
4 Ball Clay .. ..	" ..	629	1,10
5 Clay (others) .. ..	" ..	..	..
6 Felspar .. ..	" ..	8,025	7,92
7 Fire Clay .. ..	" ..	63,540	21,38
8 Garnet (Abrasive) .. ..	" ..	4,101	24,54

9	Graphite (r.o.m.)	..	..	..	6,517	8,25
10	Gypsum	..	..	..	57,900	56,09
11	Kaolin (Total)	..	..	..	5,793	17,28
12	Sillimanite	..	..	..	..	..
13	Limestone	..	..	'000' Tonne	5,515	28,73,60
14	Lime shell	..	..	Tonne	4,916	4,35
15	Magnesite	..	..	..	403,809	20,26,9
15	Quartz	..	..	..	8,701	10,11
17	Silica Sand	..	..	..	1,586	85
18	Steatite	..	..	..	12,770	5,47
19	Sulphur	..	..	..	..	..
20	Vermiculite	..	..	..	917	4,06

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*Source :* Controller-General, Indian Bureau of Mines, Nagpur.

TABLE 11.5.  
PRODUCTION OF HANDLOOM CLOTH 1988-89.

<i>Item.</i>	<i>Variety of Cloth.</i>	<i>Production.</i>
(1)	(2)	(IN '000' METRES). (3)
A.	Dhoties .. ..	93,158
	Sarees .. ..	1,76,070
	Towels .. ..	1,88,973
	Kerchiefs .. ..	6,051
	Lungies .. ..	1,37,737
	Bedspreads .. ..	48,275
	Angavastrams .. ..	3,880
	Shirtings .. ..	24,311

	Coatings .. ..	2,323
	Gada .. ..	21,514
	Carpet .. ..	37,446
	Curtain Cloth ..	2,741
	Pillow Cover ..	2,596
	Pavadai and Dhavani.	8,229
	Others .. ..	8,950
	Total .. ..	7,70,254
<b>B. Silk</b> ..	Dhoties .. ..	543
	Sarees .. ..	8,016
	Angavastrams ..	12
	Pavadai and Dhavani.	854
	Others .. ..	367
	Total .. ..	9,792

TABLE 11.5—cont.

<i>Item.</i>	<i>Variety of cloth.</i>	<i>production.</i>
(1)	(2)	(3) (In '000' Metre)
C. Artsilk	Dhoties .. ..	1,924
	Sarees .. ..	39,477
	Leggies .. ..	2,869
	Pavadi Thavani ..	1331
	Others .. ..	6,896
	Total .. ..	52,497
D. Mixture of Cotton and Artsilk.	Dhoties .. ..	156
	Sarees .. ..	41,407
	Others .. ..	7,71
	Total .. ..	49,271
	Grand Total ..	8,81,814

Source : Director of Statistics, Madras.



TABLE—11.6

SMALL SCALE INDUSTRIES—1988-89.

<i>Classification, Number.</i>	<i>Details of Classification</i>	<i>Total number of units.</i>
(1)	(2)	(3)
20 21	Food and Food Products .. .. .	13,801
22	Beverages, Tobacco and Tobacco Products ..	1,109
23	Cotton Textiles .. .. .	6,975
24	Silk, Wool and Synthetic Fibre Textile .. ..	1,350
25	Jute, Hemp and Mesta Textiles .. .. .	140
26	Textiles Products .. .. .	6,838
27	Wood and Wooden Products .. .. .	3,647

TABLE 11.6—cont.

<i>Classification.</i>	<i>Details of Classification.</i>				<i>Total number of units.</i>
(1)	(2)				(3)
28	Paper and Paper products	..	..	..	8,270
29	Leather and Fur Products]	..	..	..	2,175
30	Rubbers Plastic, Coal and Petroleum Products	..			5,284
31	Chemical and Chemical Products	..	..	..	11,101
32	Non-Mettalic Minerals Products	..	..	..	5,606
33	Basic Metal and alloys	..	..	..	2,675
34	Metal products		..	..	11,376
35	Machinery parts except electrical	..	..	..	1,15 57

36	Electrical Machinery and apparatus	..	..	..	3,207
37	Transport equipments and Parts	..	..	..	2,534
38	Other manufacturing products	..	..	..	4,579
	Total	..	..	..	<u>1,02,224</u>

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*Source :* Commissioner and Director of Industries and Commerce, Madras.

**TABLE 11.7.**  
**KHADI AND VILLAGE INDUSTRIES (P) 1988-89.**  
 Value : *Rupees in lakhs.*  
 Employment : *Lakh persons.*

<i>Serial number and Industry.</i>	<i>Production.</i>		
	<i>Board.</i>	<i>Insts.</i>	<i>Total.</i>
(1)	(2)	(3)	(4)
<b>A. Khadi—</b>			
(1) Cotton .. ..	875.36	1,885.09	2,761.25
(2) Silk .. ..	651.95	573.52	1,225.47
(3) Muslin .. ..	21.45	99.82	121.27
(4) Woollen .. ..	..	..	..
Total (A) .. ..	1548.76	2,559.23	4107.95
<b>B. Village Industries—</b>			
1. P.C.P.I.	539.21	67.61	606.62

2	Ghani Oil	..	..	4,061.22	85.20	4,146.42
3	Leather	..	..	2,025.31	244.19	2,269.60
4	Match	..	..	873.53	47.24	920.77
5	Agarbathi	..	..	..	248.24	248.24
6	Gur and Khandsari	..	..	234,82	..	234.82
7	Palm Gur	..	..	7,001.71	1.65	7,003.36
8	NEO Soap	..	..	424.17@	626.01@	1,050.10@
9	Handmade Paper	..	..	66.82	2.58	69.40
10	Bee Keeping	..	..	344.25	1.20	345.45
11	Pottery	..	..	976.36	26.40	1,002.76
12	Fibre	..	..	210.43	3.29	213.72
13	Carpentry and Blacksmithy.	..	..	1,970.45	342.36	23,12.81
14	Lime	..	..	567.40	26.68	594.08

TABLE 11.7—cont.

Value : Rupees in lakhs.  
Employment : Lakh persons.

Serial number and Industry.	Production.		
	Board.	Insts.	Total.
(1)	(2)	(3)	(4)
15 Forest Plants .. ..	..	20.10	20.10
16 Fruit Processing ..	17.85	5.78	23.63
17 Bamboo and Cane ..	176.94	..	176.94
18 Poly Vastra .. ..	355.61	392.45	748.06
Total B ..	19,846.08	2,140.98	21,987.06
Total (A+B) ..	21,394.84	4,700.21	26,095.05

@ Soap only.

TABLE 11.7—cont.

1988-89

Value : Rupees in lakhs.

Employment : Lakh persons.

Serial number and Industry.	Sales.		
	Board. (5)	Insts. (6)	Total. (7)
<b>A. Khadi—</b>			
(1) Cotton .. ..	979.71	1,701.44	2,681.15*
(2) Silk .. ..	591.65	556.35	1,148.00
(3) Muslin .. ..	..	..	..
(4) Wollen .. ..	50.44	36.33	86.77
Total A ..	1,621.80	2,294.12	3,915.92
<b>B. Village Industries—</b>			
1 Processing of Cereals and Pulses.	585.49	72.19	657.68

\* Including Maslin employment also.

TABLE 11.7—cont.

Value : Rupees in lakhs.  
Employment : Lakh persons.

Serial number and Industry.	Sales.		
	Board.	Insts.	Total.
(1)	(5)	(6)	(7)
2 Ghani Oil .. ..	4423.56	91.69	4,515.25
3 Leather .. ..	1,999.36	237.63	2,236.99
4 Match .. ..	938.26	41.53	579.70
5 Agarbathi .. ..	..	252.03	252.03
6 Gur and Khandasari ..	237.92	..	237.92
7 Palm Gur .. ..	8,653.35	2.47	86,56.02
8 NEO Soap .. ..	391.26	605.19	1,000.45
9 Handmade Paper ..	81.05	2.42	83.47



10 Bee-Keeping .. ..	422.42	1.47	423.89
11 Pottery .. ..	1,049.16	27.44	1,076.60
12 Fibre .. ..	224.38	3.22	227.60
13 Carpentry and Black-smithy.	2,060.87	314.77	2,375.64
14 Lime .. ..	585.82	28.44	614.26
15 Forest Plants .. ..	..	15.52	15.52
16 Fruit Processing ..	18.03	6.77	24.80
17 Cane and Bamboo ..	186.97	..	186.97
18 Poly Vastra .. ..	277.56	340.36	617.92
Total B ..	<u>22,135.66</u>	<u>2,047.14</u>	<u>24,182.80</u>
Total (A+B) ..	<u>23757.46</u>	<u>4,341.26</u>	<u>28,098.72</u>

TABLE 11.7—cont.

Value : Rupees in lakhs.

Employment : Lakh persons.

Serial number and Industry.	Employment.		
	Board. (8)	Insts. (9)	Total. (10)
(1)			
<b>A. Khadi—</b>			
(1) Cotton .. ..	0.36@@@	0.40	0.76
(2) Silk .. ..	0.02	0.02	0.04
(3) Muslin .. ..	0.02	0.02	0.02
(4) Woollen .. ..	..	..	..
Total .. ..	0.38	0.44	0.82
<b>B. Village Industries—</b>			
1 Processing of Cereals and Pulses.	0.06	0.01	0.07

@@@ Including Masline employment also.

2	Ghani Oil	..	..	..	0.13	*	0.13
3	Leather	..	..	..	0.15	*	0.15
4	Match	..	..	..	0.11	0.01	0.12
5	Agarbathi	..	..	..	..	0.03	0.03
6	Gur and Khandasari	..	..	..	0.04	..	0.04
7	Palm Gur	..	..	..	5.11	..	5.11
8	NEO Soap	..	..	..	0.06@@	0.13@@	0.19@@
9	Handmade Paper	..	..	..	0.01	*	0.01
10	Bee Keeping	..	..	..	0.46	0.01	0.47
11	Pottary	..	..	..	0.64	*	0.64
12	Fibre	..	..	..	0.15	*	0.15
13	Carpentry and Black smithy.	..	..	..	0.17	0.01	0.18
14	Lime	..	..	..	0.11	*	0.11

TABLE 11.7—cont.

Value : Rupees in lakh  
Employment : Lakh persons.

Serial number and Industry.	Employment.		
	Board. (8)	Insts. (9)	Total. (10)
(1)			
15 Forest Plants .. *	..	*	*
16 Fruit Processing .. ..	*	*	*
17 Cane and Bamboo .. ..	0.08	..	0.08
18 Poly Vastra .. ..	0.04	0.03	0.07
Total B .. ..	7.32	0.23	7.55
Total (A+B) .. ..	7.70	0.67	8.37

\* Employment less than 500.

@@ All activities.

TABLE 11.7—*cont.*

Value : Rupees in lakhs.  
Employment : Lakh persons.

Serial number and Industry.	Wages.		
	Board. (11)	Insts. (12)	Total. (13)
<b>A. Khadi—</b>			
(1) Cotton .. ..	626.44	1,285.55	1,911.99
(2) Silk .. ..	153.48	111.06	264.54
(3) Muslin .. ..	7.44	53.72	61.16
(4) Woollen .. ..	..	..	..
Total ..	<u>787.36</u>	<u>1,450.33</u>	<u>2,237.69</u>
<b>B. Village Industries—</b>			
1 Processing of Cereals and Pulses, I .	102.22	13.37	115.59

TABLE 11.7—*cont.*

Value : Rupees in lakhs.  
Employment : Lakh persons.

Serial number and Industry.	Wages		
	Board. (11)	Insts. (12)	Total. (13)
(1)			
2 Ghani Oil .. ..	372.97	3.87	376.84
3 Leather .. ..	533.92	26.29	560.21
4 Match .. ..	198.56	10.06	208.62
5 Agarbathi .. ..	..	26.10	26.10
6 Gur and Khandasari ..	28.64	..	28.64
7 Palm Gur .. ..	4946.89	..	4946.89
8 NEO Soap .. ..	50.51	98.75	149.26
9 Handmade Paper .. ..	15.56	0.90	16.46

10 Bee Keeping	..	..	275.20	0.96	276.16
11 Pottary	..	..	580.93	6.97	587.90
12 Fibre	..	..	129.81	0.78	130.59
13 Carpentry and Black-smithy.			691.18	43.42	734.60
14 Lime	..	..	253.57	8.42	261.99
15 Forest Plants	..	..	..	3.53	3.53
16 Fruit Processing	..	..	10.71	0.69	11.40
17 Bamboo and Cane		..	141.82	..	141.82
18 Poly Uastra	..	..	102.77	134.47	237.24
Total B	..		<u>8,435.26</u>	<u>378.58</u>	<u>8813.84</u>
Total (A+B)	..		<u>5,222.62</u>	<u>1,828.91</u>	<u>11,051.53</u>

*Source ; Director, Khadi and Village Industries Commission, Madras.*

TABLE 11.8.  
 NUMBER OF PRINTING PRESSES.  
 (As on 31st December 1988).

<i>Serial number.</i>	<i>District.</i>	<i>Number.</i>
(1)	(2)	(3)
1	Madras .. .. .	208
2	Chengai-Anna .. .. .	24
3	South Arcot .. .. .	21
4	North Arcot Ambedkar and Thiruvannamalai Sambuvarayar	8
5	Salem .. .. .	13
6	Dharmapuri .. .. .	3
7	Periyar .. .. .	8
8	Coimbatore .. .. .	33



9	The Nilgiris	..	..	..	..	4
10	Thanjavur	..	..	..	..	19
11	Tiruchirappalli	..	..	..	..	21
12	Pudukkottai	..	..	..	..	3
13	Dindigul Quaid-E-Millat	..	..	..	..	7
14	Madurai	..	..	..	..	39
15	Ramanathapuram	..	..	..	..	..
16	Kamarajar	..	..	..	..	18)
17	Pasumpon Thevar Thirumagan	..	..	..	..	4
18	Tirunelveli Kattabomman	..	..	..	..	25
19	Chidambaranar	..	..	..	..	14
20	Kanniyakumari	..	..	..	..	12
	Total	..	..	..	..	646

Source : Chief Inspector of Factories, Madras.

TABLE 11.9.  
SERICULTURE 1988-89.

<i>Serial number and district.</i>	<i>Area under mulberry planted during the year (in Acres).</i>	<i>Production of raw Silk (kgs. in lakhs)</i>	<i>Value. Rupees in lakhs.)</i>
(1)	(2)	(3)	(4)
1 Dharmapuri ..	1,714	1.072	750.40
2 Salem .. ..	241	0.186	130.20
3 North Arcot Ambedkar and Thiruvannamalai Sambuvarayar	379	0.241	168.70
4 Chengai Anna ..	63	0.030	21.00
5 South Arcot ..	240	0.034	23.80
6 Coimbatore .. ..	321	0.454	317.80
7 Periyar .. ..	500	0.265	185.50

8	Tirunelveli Kattabomman	136	0.108	75.60
9	Kanyakumari ..	36	..	..
10	Tiruchirappalli ..	134	0.102	71.40
11	Pudukkottai .. ..	..	0.016	11.20
12	Thanjavur .. ..	84	0.037	25.90
13	Madurai .. ..	120	0.047	32.90
14	Dindigul Quaid-E-Millat	132	0.109	76.30
15	Ramanathapuram	..	0.013	9.10
16	Pasumpon Thevar Thirumagan	..	0.012	8.40
17	Kamarajar .. ..	..	0.024	16.80
18	Chidambaranar ..	..	0.011	7.70
	Total ..	<u>4,100</u>	<u>2.761</u>	<u>1,932.70</u>

*Source* : Director of Sericulture, Salem.

## 12. FACTORIES

TABLE 12.1

REGISTERED AND WORKING FACTORIES 1988

<i>Serial number.</i>	<i>Item.</i>	<i>Numbers.</i>
(1)	(2)	(3)
1	Factories on the Register at the beginning of the year .. ..	13,971
2	Factories added during the year	1,252
3	Factories removed during the year	574
4	Factories on the register at the end of the year .. ..	14,649
5	Number of working factories ..	13,297

*Source :* Chief Inspector of Factories, Madras.

## EMPLOYMENT IN WORKING FACTORIES 1988

<i>Serial number.</i>	<i>Item.</i>	<i>Numbers.</i>
(1)	(2)	(3)
1	Total Number of working Facto- ries .. .. .	13,297
2	Number of Factories reporting ..	11,316
3	Number of workers employed in all the Factories submitted returns .. .. .	6,91,910
4	Estimated number of workers in 1981 factories not submitted returns .. .. .	1,24,122
5	Estimated total number of workers employed in all factories ..	8,16,032



**TABLE 12.3**  
**TRADE UNIONS : INDUSTRIAL DISPUTES BY STRIKES,**  
**LOCKOUTS AND GHERAOS—1988-89.**

<i>Serial number.</i>	<i>Item.</i>	<i>Numbers.</i>
(1)	(2)	(3)
1	Number of Registered Trade Unions .. .. .	4,375
2	<i>Strike—</i>	
	(a) Number of Strike ..	148
	(b) Number of Workers Involved	39,376
	(e) Number of Mandays Lost	14,36,272
3	<i>Lockouts—</i>	
	(a) Number of Lockouts ..	15
	(b) Number of Workers involved	6,701
	(c) Number of Mandays Lost	5,06,498
4	<i>Gheraos—</i>	
	(a) Number .. .. . }	
	(b) Workers involved .. .. }	
	(c) Mandays lost .. .. }	Nil.

*Source* : Commissioner of Labour, Madras.

## 13. COMPANIES LIMITED BY SHARES.

TABLE 13.1

INDUSTRIAL CLASSIFICATION OF NEW REGISTRATION OF COMPANIES LIMITED  
BY SHARES IN TAMIL NADU—1988-89.

<i>Industrial Classification.</i>	<i>Number of Companies.</i>		
	<i>Public.</i>	<i>Private.</i>	<i>Total.</i>
(1)	(2)	(3)	(4)
0. Agriculture and Allied Activities ..	1	34	35
1. Mining and Quarrying .. .. .	3	44	47
2. Processing and Manufacturing of food stuffs, textiles, leather and Products thereof .. .. .	12	265	277
3. Processing and Manufacturing Metals, Chemicals and Products thereof ..	17	252	269
4. Other processing and Manufacturing (Not elsewhere classified) .. ..	9	181	190



5. Construction and Utilities	..	..	..	57	57
6. Commerce (Trade and Finance)	..		42	331	373
7. Transport Communication and Storage			2	57	59
8. Community and Business Services	..		5	45	50
9 Personal and other services	..	..	11	227	238
Grand Total	..		<u>102</u>	<u>1,493</u>	<u>1,595</u>

TABLE 13.1—cont.

<i>Industrial Classification.</i>	<i>Authorised Capital (Rs. in lakhs.)</i>		
	<i>Public.</i>	<i>Private.</i>	<i>Total.</i>
(1)	(5)	(6)	(7)
0. Agriculture and Allied Activities ..	100.00	370.20	470.20
1. Mining and Quarrying .. .. .	255.00	740.50	995.50
2. Processing and Manufacturing of food stuffs, textiles, leather and Products thereof .. .. .	480.00	3,848.19	4,328.19
3. Processing and Manufacturing Metals, Chemicals and Products thereof ..	{ 2,391.00	2,166.00	4,557.00
4. Other processing and Manufacturing (Not elsewhere classified) .. ..	1,726.00	2,028.90	3,754.90
5. Construction and Utilities .. ..	..	639.35	639.35
6. Commerce (Trade and Finance) ..	1,142.23	2,099.24	3,241.47

7. Transport Communication and Storage	705.00	369.50	1,074.50
8. Community and Business Services ..	165.00	337.99	502.99
9. Personal and other services .. ..	1,655.00	1,677.90	3,332.90
Grand Total	<u>8,619.23</u>	<u>14,277.77</u>	<u>22,897.00</u>

*Source* : Registrar of Companies, Madras.

## 14. MEDICAL AND HEALTH.

TABLE 14.1

HOSPITALS, DISPENSARIES, BED STRENGTH, DOCTORS AND NURSES.  
1988-89

Classification.	(1)	Modern medicine.	Indian Medicine.		
			Ayurvedic.	Siddha	Unani.
		(2)	(3)	(4)	(5)
1 Hospitals .. .. .		413	..	1	..
2 Dispensaries .. .. .		608	97	455	14
3 Primary Health Centres .. .. .		1,226	..	252 (SW)	..
4 Health Sub-Centres .. .. .		8,755	..	..	..
5 Other Medical Institutions .. .. .		208	3 (AW)	102 (SW)	..
6 Bed Strength .. .. .		66,576	..	996	..
7 Number of Doctors .. .. .		8,977	17	453	10
8 Number of Nurses .. .. .		8,321	9	54	2

TABLE 14.1—cont.

Classification.	Indian medicine.		Homoeo- pathy.	Grand Total.
	Ayurvedic siddha unani combined.	Total.		
(1)	(6)	(7)	(8)	(9)
1 Hospitals .. .. .	1	2	1	416
2 Dispensaries .. .. .	..	566	5	1,179
3 Primary Health Centres .. .. .	..	252	..	1,478
4 Health Sub-Centres .. .. .	..	..	..	8,755
5 Other Medical Institutions .. .. .	..	105	20 (HW)	333

6	Bed Strength	..	..	..	209	1,205	25	67,806
7	Number of Doctors	..	..	..	..	48	22	9,479
8	Number of Nurses	..	..	..	..	65	4	8,90

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*Source :* Respective Heads of Medical Institutions.

## 15. FAMILY WELFARE

### TABLE 15.1

PROGRESS OF FAMILY WELFARE PROGRAMME—1988-89

<i>Method.</i>	<i>Progress during the year</i>		<i>Percentage of Achieve- ment</i>
	<i>Target.</i>	<i>Achievement</i>	
(1)	(2)	(3)	(4)
1 Sterilisation .. .. .	5,27,000	4,07,530	77.3
2 L.U.D. .. .. .	5,37,000	4,58,650	86.4
3 Users of conventional contraceptives ..	3,58,000	3,42,840	95.8
4 Users of Oral Pills .. .. .	1,79,000	1,64,212	91.7
..			

*Source :* Demographer, State Family Welfare, Bureau Madras.

**TABLE 15.2**  
**PROGRESS OF FAMILY WELFARE PROGRAMME BY DISTRICT—1988-89.**

District.	Number of Institutions.		Sterilisation.		I.U.D.	
	Rural	Urban	Target.	Achievement.	Target	Achievement.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Madras .. ..	..	4	59,000	67,608	48,000	82,405
2 Chengai-Anna ..	27	9	34,200	25,004	36,400	32,803
3 South Arcot ..	34	14	44,000	25,823	46,300	31,220
4 North Arcot— Ambedkar and Thiruvannamalai Sambuvarayar.	38	17	46,000	32,400	50,100	30,293
5 Salem .. ..	35	11	35,000	26,235	38,900	33,859
6 Dharmapuri ..	16	7	20,000	12,265	23,800	11,365
7 Periyar .. ..	24	7	21,000	15,749	23,300	8,989
8 Coimbatore ..	21	10	32,400	28,825	34,700	19,602



9	The Nilgiris ..	6	4	7,300	5,002	7,000	3,734
10	Thanjavur ..	34	16	40,900	25,815	45,500	20,098
11	Tiruchirappalli ..	31	11	36,000	13,954	40,100	26,670
12	Pudukkottai ..	10	4	13,300	9,072	11,900	12,409
13	Dindigul-Quaid-e-Millat.	20	6	16,400	17,017	16,700	19,255
14	Madurai ..	15	9	31,200	33,270	31,900	32,004
15	Ramanathapuram	11	5	11,500	7,996	9,500	8,569
16	Kamarajar ..	11	7	14,600	13,234	13,700	14,676
17	Pasumpon Thevar-Tirumagan,	10	6	10,600	7,788	10,000	10,075
18	Tirunelveli Kattabomman.	19	6	23,400	22,645	22,000	32,672
19	Chidambaranar ..	12	7	14,900	8,327	12,200	20,789
20	Kanniyakumari ..	9	4	15,300	9,501	15,000	7,163
	State ..	383	167	5,27,000	4,07,530	5,37,000	4,58,650

TABLE 15.2—cont.

<i>District.</i>	<i>Users of conventional contraceptives.</i>		<i>Oral Pills users.</i>	
	<i>Target.</i>	<i>Achievement.</i>	<i>Target.</i>	<i>Achievement.</i>
(1)	(8)	(9)	(10)	(11)
1 Madras .. .. .	32,000	16,081	16,000	5,715
2 Chengai-Anna .. .. .	24,300	24,332	12,100	12,195
3 South Arcot .. .. .	30,800	26,569	15,400	12,688
4 North Arcot—Ambedkar and Thiruvannamalai Sambuvarayar.	33,400	34,239	16,700	16,897
5 Salem .. .. .	25,900	26,680	13,000	10,934
6 Dharmapuri .. .. .	15,800	10,013	7,900	4,647
7 Periyar .. .. .	15,200	10,398	7,800	4,323
8 Coimbatore .. .. .	23,100	13,939	11,600	7,951
9 The Nilgiris .. .. .	4,700	8,486	2,300	1,940

10	Thanjavur	..	..	..	30,300	25,803	15,000	13,049
11	Tiruchirappalli	..	..	..	26,700	26,279	13,400	14,437
12	Pudukkottai	..	..	..	8,000	8,928	4,000	7,282
13	Dindigul-Quaid-e-Millat	..	..	..	11,200	14,944	5,600	7,047
14	Madurai	..	..	..	21,200	23,670	10,600	11,893
15	Ramanathapuram	..	..	..	6,600	6,571	3,300	5,430
16	Kamarajar	..	..	..	9,200	10,084	4,600	6,587
17	Pasumpon Thevar Thirumagan	..	..	..	6,700	8,180	3,300	4,784
18	Tirunelveli Kattabomman	..	..	..	14,700	29,394	7,300	8,267
19	Chidambaranar	..	..	..	8,200	9,708	4,100	3,312
20	Kanniyakumari	..	..	..	10,000	8,542	5,000	4,924
	State	..	..	..	3,58,000	3,42,840	1,79,000	1,64,212

Source : Demographer State Family Welfare Berau, Madras.

## 16. EDUCATION.

TABLE 16.1

UNIVERSITIES, STUDENTS AND TEACHERS 1988-89\*

<i>Name of Institution.</i>	<i>Students.</i>			<i>Teachers.</i>
	<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>	
(1)	(2)	(3)	(4)	(5)
1 Madras University .. ..	1,209	901	2,110	360
2 Anna University .. ..	4,130	732	4,862	450
3 Annamalai University .. ..	5,656	1,346	7,002	659
4 Tamil Nadu Agricultural University	2,500	1,075	3,575	797
5 Bharathiar University .. ..	196	108	304	71
6 Tamil University Thanjavur	33	4	37	64
7 Bharathidasan University .. ..	67	18	85	23

8	Madurai Kamaraj University ..	826	424	1,250	228
9	Gandhigram Rural University ..	740	258	998	108
10	Mother Teresa Women's University	..	105	105	40
11	Alagappa University .. ..	359	223	582	84
12	Avinashilingam University ..	..	2,080	2,080	164
13	Dr. M. G. R. Medical University ..	Newly started during 1989.			
14	Tamil Nadu Veterinary and Animal Science University.	Do.			

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*Source* : Registrars of respective Universities.

TABLE 16.2.

## COLLEGES FOR GENERAL EDUCATION, STUDENTS AND TEACHERS 1988-89.

<i>Name of Institution.</i>	<i>Number of institution.</i>	<i>Students.</i>			<i>Teachers.</i>
		<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>	
(1)	(2)	(3)	(4)	(5)	(6)
1. Colleges for men.. ..	143	1,18,884	13,856	1,32,740	10,493
2. Colleges for women ..	67	..	63,858	63,858	4,415
3. Annamalai University ..	1	1,183	457	1,640	236

*Source* : Director of Collegiate Education, Madras and Registrar, Annamalai University.

TABLE 16.3.

## COLLEGES FOR PROFESSIONAL EDUCATION, STUDENTS AND TEACHERS 1988-89

Name of Institution. (1)	Number of institution. (2)	Students.			Teachers. (6)
		Boys. (3)	Girls. (4)	Total. (5)	
1. Medical Colleges :					
(a) M.B.B.S. and P.G. Courses.	12	5,770	4,028	9,798	2,943
(b) B.D.S. and P.G. (1987-88) Courses.	2	251	209	460	108
(c) Siddha .. ..	2	468	457	925	52
(d) Homoeopathy .. ..	1	52	62	114	20
(e) Ayurveda .. ..	2	150	25	175	28
(f) Unani .. ..	1	34	30	64	9
2. B.Sc. Nursing .. ..	3	5	778	783	69(P)

TABLE 16.3—cont

Name of Institution.	Number of Institution.	Students.			Teachers.
		Boys.	Girls.	Total.	
(1)	(2)	(3)	(4)	(5)	(6)
3. Colleges for Engineering and Technology	40	32,703	5,492	38,195	2,967
4. Agricultural Colleges ..	6	2,054	1,042	3,096	606
5. Veterinary Colleges ..	2	948	131	1,079	191
6. Fisheries Technology ..	1	52	17	69	40
7. Law Colleges .. ..	5	5,082	848	5,930	144
8. Teachers Training Colleges.	24	1,521	2,033	3,554	275
9. Colleges for Physical Education.	5	464	155	619	54



10. Music Colleges .. ..	7	440	340	780	67
11. Colleges for Arts and Crafts	3	522	39	561	76
12. Institutions for M.B.A. Course.	8	642	77	719	71

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*Source* : Respective Heads of Institutions.

TABLE 16.4.

COLLEGES FOR SPECIAL EDUCATION, STUDENTS AND TEACHERS 1988-89.

<i>Name of Institution.</i>	<i>Number of Institution.</i>	<i>Students.</i>			<i>Teachers.</i>
		<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>	
(1)	(2)	(3)	(4)	(5)	(6)
1. Colleges for Oriental Studies.	15	928	590	1,518	175
2. Institutions for Social Education.	2	216	60	276	21
3. Institute for Rural Education.	1	740	258	998	108

*Source* : Director of Collegiate Education, Madras and Registrar, Gandhigram Rural University.

TABLE 16.5.

SCHOOLS FOR GENERAL EDUCATION, STUDENTS AND TEACHERS 1988-89.

<i>Name of Institution.</i>	<i>Number of Institution.</i>	<i>Students.</i>			<i>Teachers.</i>
		<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>	
(1)	(2)	(3)	(4)	(5)	(6)
1. Pre-Primary Schools	22	1,867	3,369	5,236	127
2. Primary Schools ..	29,359	28,99,552	24,63,100	53,62,652	1,18,009
3. Middle Schools ..	5,707	16,47,853	13,32,508	29,80,361	65,716
4. High Schools .. ..	2,293	7,00,917	5,28,485	12,29,402	34,394
5. Anglo-Indian High Schools.	13	3,440	7,171	10,611	304
6. Metriculation High Schools.	515	56,271	47,673	1,03,944	4,493

TABLE 16.5—cont.

<i>Name of Institution</i>	<i>Number of Institution</i>	<i>Students</i>			<i>Teachers</i>
		<i>Boys</i>	<i>Girls</i>	<i>Total</i>	
(1)	(2)	(3)	(4)	(5)	(6)
<b>7. Central High Schools :</b>					
(a) Kendriya Vidyalayas ..	8	1,806	1,459	3,265	127
(b) Schools affiliated to Central Board of Secondary Education.	57	19,785	13,922	33,707	1,521
(c) Schools affiliated to Council for Indian School Certificate Examination.	36	6,852	5,756	12,608	758
<b>8. Higher Secondary Schools</b>	<b>1,526</b>	<b>12,16,559</b>	<b>7,82,363</b>	<b>19,98,922</b>	<b>60,058</b>

9	Anglow-Indian Higher Secondary Schools	29	20,298	16,462	36,760	1,064
10	Matriculation Higher Secondary Schools	155	58,285	49,068	1,07,053	4,225
11	Central Higher Secondary Schools					
	(a) Kendriya Vidyalays	18	10,874	8,919	19,793	825
	(b) Schools affiliated to Central Board of Sedondary Education	53	39,247	21,469	60,716	2,644
	(c) Schools affiliated to Council of Indian School Ceatificate Examination	6	2,170	1,219	3,388	201

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**Source:** Director of School Education, Madras.

**TABLE 16.6.**  
**SCHOOLS FOR PROFESSIONAL EDUCATION, STUDENTS AND TEACHERS 1988-89.**

<i>Name of Institution.</i>	<i>Number of Institution.</i>	<i>Students.</i>			<i>Teachers.</i>
		<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>	
(1)	(2)	(3)	(4)	(5)	(6)
1. Music Schools .. ..	3	50	174	224	47
2. Craft Schools .. ..	1	216	719	935	17
3. Training Schools for men	28	2,264	..	2,264	152
4. Training Schools for women	43	..	3,197	3,197	188
5. Pre-Primary Training Schools for Women	3	..	175	175	?
6. Anglo Indian Training School for Women	1	..	49	49	

7	Teachers, Training Centre for Blind	1	6	6	12	3
8	Teachers, Training Centre for mentally Retarded.	1	3	20	23	2
9	Teachers, Training Centre for Deaf.	1	3	19	22	3
10	Industrial Training Centre for Adult Blind.	1	24	..	24	9

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*Source :* Director of School Education, Madras and Director of Social Welfare, Madras.

TABLE 16.7.

SCHOOLS FOR SPECIAL EDUCATION, STUDENTS AND TEACHERS 1988-89.

<i>Name of Institution.</i>	<i>Number of Institution.</i>	<i>Students.</i>			<i>Teachers.</i>
		<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>	
(1)	(2)	(3)	(4)	(5)	(6)
1 Oriental High Schools ..	16	2,643	1,142	3,785	179
2 Oriental Higher Secondary Schools	3	985	1,128	2,113	82
3 Rehabilitation Home for Blind Women.	1	..	40	40	2
4 Service Homes .. ..	6	..	810	810	65
5 Government Orphanages	22	1,702	2,899	4,601	48
6 Schools for Blind ..	20	992	663	1,655	236
7 Schools for Deaf ..	22	2,065	1,479	3,544	276



8 Schools for Orthopaedically Handicapped.	2	117	81	198	10
9 School, for Leper ..	1	87	54	141	6
10 Schools for Mentally Retarded.	3	214	149	363	17
11 Reformatory/Jail Schools	12	1,821	22	1,843	101

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Source : Director of School Education, Madras and Director of Social Welfare Madras.

TABLE 16.8.

INSTITUTIONS FOR OTHER PROFESSIONAL EDUCATION, STUDENTS AND TEACHERS  
1988-89

<i>Name of Institutions.</i>	<i>Number of institution.</i>	<i>Students.</i>			<i>Teachers.</i>
		<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>	
(1)	(2)	(3)	(4)	(5)	(6)
1 Government Polytechnics (Men).	11	6,124	714	6,838	601
2 Government Polytechnics (Women)	4	..	1,628	1,628	156
3 Private Polytechnics (Men)	100	44,566	2,709	47,275	2,870
4 Private Polytechnics (Women)	7	..	2,017	2,017	119
5 Institute of Leather Technology.	1	163	..	163	14
6 Institute of Printing Technology.	1	210	14	224	25

7	Institute of Chemical Technology	1	237	..	237	20
8	Institute of Textile Technology.	1	81	..	81	12
9	State Institute of Commerce Education.	1	95	106	201	14
10	Technical Teacher's Training Institute.	1	11	..	11	35
11	Industrial Schools .. ..	155	9,980	1,020	11,000	330
12	Industrial Training Institutes	43	15,038	890	15,928	2,045
13	Technical Training (Centers 1987-88).	2	189	49	238	26
14	Film and Television Institute.	1	167	7	174	53
15	Institute of Hotel Management, Catering Technology and Applied Nutrition.	1	291	62	353	29

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Source : Respective Heads of Institutions.

TABLE 16.9.

HOSTELS AND INMATES FOR SCHEDULED CASTES, SCHEDULED TRIBES, DENOTIFIED COMMUNITIES AND BACKWARD CLASSES DISTRICTWISE 1988-89.

Serial number and district.	Number of Hostels.		
	Scheduled Caste.		
	Boys.	Girls.	Total.
(1)	(2)	(3)	(4)
1 Madras .. .. .	7	6	13
2 Chengai-Anna .. .. .	43	16	59
3 South Arcot .. .. .	57	23	80
4 North Arcot Ambedkar and Thiruvannamalai Sambuvaiyar	37	21	58
5 Salem .. .. .	40	16	56
6 Dharmapuri .. .. .	22	6	28
7 Periyar .. .. .	13	9	22
8 Coimbatore .. .. .	15	9	24

9	The Nilgiris	..	..	..	..	10	4	14
10	Thanjavur	..	..	..	..	52	23	75
11	Tiruchirappalli	..	..	..	..	55	21	76
12	Pudukkottai	..	..	..	..	19	9	28
13	Madurai	..	..	..	..	35	16	51
14	Dindigul Quaid-e-Millat	..	..	..	..	19	10	29
15	Ramanathapuram	..	..	..	..	15	3	18
16	Kamarajar	..	..	..	..	32	8	40
17	Pasumpon Thevar Thirumagan	..	..	..	..	16	6	22
18	Tirunelveli-Kattabomman	..	..	..	..	24	16	40
19	Chidambaranar..	..	..	..	..	18	11	29
20	Kanniyakumari..	..	..	..	..	7	5	12
<b>Total</b>						<b>536</b>	<b>238</b>	<b>774</b>

TABLE 16.9.—*cont.*

<i>Serial number and district.</i>	<i>Number of Hostels</i>		
	<i>Scheduled Tribe.</i>		
	<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>
	(1)	(5)	(6)
1 Madras .. .. .	..	..	..
2 Chengai. Anna .. .. .	1	..	1
3 South Arcot .. .. .	1	..	1
4 North Arcot Ambedkar and Thiruvanna- malai Sumbuvarayar	2	1	3
5 Salem .. .. .	4	2	6
6 Dharmauri .. .. .	..	..	..
7 Periyar .. .. .	..	..	..

8	Coimbatore	..	..	..	..	2	..	2
9	The Nilgiris	..	..	..	..	1	..	1
10	Thanjavur	..	..	..	..	..	..	..
11	Tiruchirappalli	..	..	..	..	1	3	4
12	Pudukkottai	..	..	..	..	..	..	..
13	Madurai	..	..	..	..	..	..	..
14	Dindigul Quaid-E-Millat	..	..	..	..	2	..	2
15	Ramanathapuram	..	..	..	..	..	..	..
16	Kamarajar	..	..	..	..	..	..	..
17	Pasumpon Thevar Thirumagan	..	..	..	..	..	..	..
18	Tirunelveli Kattabomman	..	..	..	..	..	..	..
19	Chidambaranar	..	..	..	..	..	..	..
20	Kanniyakumari	..	..	..	..	..	2	2
Total						14	8	22

TABLE 16.9.—*cont.*

<i>Serial number and district.</i>	<i>Number of Hostels,</i>		
	<i>Denotified Community.</i>		
	<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>
(1)	(8)	(9)	(10)
1 Madras	..	..	..
2 Chengai Anna	..	1	1
3 South Arcot	..	..	..
4 North Arcot Ambedkar and Thiruvannamalai Sambuyarayar	..	1	1
5 Salem	..	..	..
6 Dharmapuri	..	..	..
7 Periyar	..	1	1
8 Coimbatore	2	1	3



9	The Nilgiris	..	--	--
10	Thanjavur	4	4	8
11	Tiruchirappalli	3	1	4
12	Pudukkottai	6	3	9
13	Madurai	26	7	33
14	Dindigul Quaid-E-Millat	5	1	6
15	Ramanathapuram	8	2	10
16	Kamarajar	1	1	2
17	Pasumpon Thevar Thirumagan	..	..	--
18	Tirunelveli Kattabomman	9	1	10
19	Chidambaranar	2	..	2
20	Kanniyakumari	..	..	--
	<b>Total</b>	<b>66</b>	<b>24</b>	<b>90</b>

TABLE 16.9.—*cont.*

<i>Serial number and district.</i>	<i>Number of hostels.</i>		
	<i>Backward Class.</i>		
	<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>
(1)	(11)	(12)	(13)
1 Madras	5	3	8
2 Chengai Anna	26	6	32
3 South Arcot	45	6	51
4 North Arcot Ambedkar and Thiruvannamalai Sambuvarayar	35	8	43
5 Salem	33	5	38
6 Dharmapuri	27	6	33
7 Periyar	22	5	27
8 Coimbatore	17	4	21

9	The Nilgiris	12	1	13
10	Thanjavur	39	10	49
11	Tiruchirappalli	46	9	55
12	Pudukkottai	32	6	38
13	Madurai	28	6	34
14	Dindigul Quaid-E-Millat	16	2	18
15	Ramanathapuram	18	1	19
16	Kamarajar	15	5	20
17	Pasumpon Thevar Thirumagan	16	8	24
18	Tirunelveli Kattabomman	19	7	26
19	Chidambaranar	10	8	18
20	Kanniyakumari	3	11	14
Total ..		464	117	581

TABLE 16.9—cont.

<i>Serial number and district.</i>	<i>Number of Inmates.</i>		
	<i>Scheduled Caste.</i>		
	<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>
(1)	(14)	(15)	(16)
1 Madras	1,730	435	2,165
2 Chengai Anna	2,352	732	3,084
3 South Arcot	5,138	1,802	6,940
4 North Arcot Ambedkar and Thiruvannamalai Sambuvarayar	2,021	1,002	3,023
5 Salem	1,939	791	2,730
6 Dharmapuri	1,342	240	1,582
7 Periyar	697	400	1,097
8 Coimbatore	1,032	556	1,588

9	The Nilgiris	..	601	307	908
10	Thanjavur	..	3,134	1,315	4,449
11	Tiruchirappalli	..	4,559	1,360	5,919
12	Pudukkottai	..	[1,304	542	1,846
13	Madurai	..	2,374	1,196	3,570
14	Dindigul Quaid-e-Millat	..	1,180	620	1,800
15	Ramanathapuram	..	1,269	192	1,461
16	Kamarajar	..	2,130	520	2,650
17	Pasumpon Thevar Thirumagan	..	1,086	339	1,425
18	Tirunelveli Kattabomman	..	1,365	755	2,120
19	Chidambaranar	..	960	560	1,520
20	Kanniyakumari	..	412	215	627
	Total	..	36,625	13,879	50,504

TABLE 16.9.—cont.

Serial number and district. (1)	Number of Inmates.		
	Scheduled Tribe.		
	Boys. (18)	Girls. (19)	Total. (20)
1 Madras	..	..	..
2 Chengai Anna	..	50	50
3 South Arcot	..	75	75
4 North Arcot Ambedkar and Tiruvannamalai Sambuvarayar }	75	50	125
5 Salem	..	140	215
6 Dharmapuri	..	..	..
7 Periyar	..	..	..
8 Coimbatore	..	115	115

9	The Nilgiris	..	50	..	50
10	Thanjavur	..	..	..	..
11	Tiruchirappalli	..	50	145	195
12	Pudukkottai	..	..	..	..
13	Madurai	..	..	..	..
14	Dindigul Quaid-e-Millat	..	110	..	110
15	Ramanathapuram	..	..	..	..
16	Kamarajar	..	..	..	..
17	Pasumpen Thevar Thirumagan	..	..	..	..
18	Tirunelveli Kattabomma	..	..	..	..
19	Chidambaranar	..	..	..	..
20	Kanniyakumari	..	..	70	70
	<b>Total</b>	..	<b>665</b>	<b>340</b>	<b>1,005</b>

TABLE 16.9.—*cont.*

<i>Serial number and district.</i> (1)	<i>Number of Inmates.</i>		
	<i>Denotified Community.</i>		
	<i>Boys.</i> (21)	<i>Girls.</i> (22)	<i>Total.</i> (23)
1 Madras .. .. .	..	..	..
2 Chengai Anna .. .. .	..	50	50
3 South Arcot .. .. .	..	..	..
4 North Arcot Ambedkar and Thiru- vannamalai Sambuvarayar }	..	50	50
5 Salem .. .. .	..	..	..
6 Dharamapuri .. .. .	..	..	..
7 Periyar .. .. .	..	50	50
8 Coimbatore .. .. .	100	50	150



9	The Nilgiris	..	..	..	..	..	..
10	Thanjavur	..	..	..	200	200	400
11	Tiruchirappalli	..	..	..	150	50	200
12	Pudukkottai	..	..	..	320	150	470
13	Madurai	..	..	..	2,440	1,165	3,605
14	Dindigul Quaid-e-Millat	..	..	..	470	50	520
15	Ramanathapuram	..	..	..	585	100	685
16	Kannarajar	..	..	..	100	50	150
17	Pasumpon Thevar Thirumagan	..	..	..	..	..	..
18	Tirunelveli Kattabomman	..	..	..	510	50	560
19	Chidambaranar	..	..	..	110	..	110
20	Kanniyakumari	..	..	..	..	..	..
	<b>Total</b>	..	..	..	<u>4,985</u>	<u>2,015</u>	<u>7,000</u>

TABLE 16.9.—cont.

Serial number and District.	Number of Inmates.		
	Backward Class.		
	Boys. (24)	Girls. (25)	Total. (26)
1 Madras .. .. .	440	240	680
2 Chengai Anna .. .. .	1,355	290	1,645
3 South Arcot .. .. .	1,650	290	1,940
4 North Arcot Ambedkar and Thiruvannamalai Sambuvarayar }	1,710	450	2,160
5 Salem .. .. .	1,945	200	2,145
6 Dharmapuri .. .. .	1,410	710	2,120
7 Periyar .. .. .	1,200	250	1,450
8 Coimbatore .. .. .	1,050	225	1,275

9	The Nilgiris	..	..	..	..	520	50	670
10	Thanjavur	..	..	..	..	2,085	480	2,565
11	Tiruchirappalli	..	..	..	..	2,400	445	2,845
12	Pudukkottai	..	..	..	..	1,745	290	2,035
13	Madurai	..	..	..	..	1,999	365	2,364
14	Dindigul Quaid-e-Millat	..	..	..	..	890	100	990
15	Ramanathapuram	..	..	..	..	1,015	50	1,065
16	Kamarajar	..	..	..	..	785	360	1,145
17	Pasumpon Thavar Thirumagan	..	..	..	..	760	475	1,235
18	Tirunelveli Kattabomman	..	..	..	..	930	355	1,285
19	Chidambaranar	..	..	..	..	710	425	1,135
20	Kanniyakumari	..	..	..	..	150	550	700
				Total	..	24,849	6,600	31,449

Source : Director of Adi-Dravidar and Tribal Welfare, Madras and Director of Backward Classes, Madras.

TABLE 16.10.

DISTRICTWISE SCHOLARSHIPS TO STUDENTS OF SCHEDULED CASTES, SCHEDULED TRIBES, DENOTIFIED COMMUNITIES AND BACKWARD CLASSES 1988-89.

<i>District.</i>	<i>Number of beneficiaries.</i>	<i>Amount.</i>
(1)	(2)	(RUPEES.) (3)
1 Madras .. .. .	13,391	1,11,03,350
2 Chengai Anna .. .. .	10,336	55,41,337
3 South Arcot .. .. .	12,015	68,41,900
4 North Arcot Ambedkar and Tiruvanna- malai Sambuvarayar } .. .. .	19,305	76.55,666
5 Salem .. .. .	15,829	65.82,024
6 Dharmapuri .. .. .	5,920	19.49,700
7 Periyar .. .. .	8,086	28,84,971
8 Coimbatore .. .. .	8,798	60.29,990
9 The Nilgiris .. .. .	2,276	12.87,033

10	Thanjavur	..	..	22,423	1,03,81,400
11	Tiruchirappalli	..	..	20,932	1,03,50,700
12	Pudukkottai	..	..	8,728	26,71,831
13	Madurai	..	..	19,446	1,00,65,286
14	Dindigul Quid-e-Millat	..	..	6,876	30,64,011
15	Ramanathapuram	..	..	4,017	17,05,383
16	Kamarajar	..	..	10,097	48,36,200
17	Pasumpon Thevar Thirumagan			6,777	30,88,837
18	Tirunelveli Kattabomman			10,769	62,36,541
19	Chidambaranar	..	..	7,284	44,39,238
20	Kanniyakumari	..	..	12,696	33,90,123
	State	..	..	2,26,001	11,01,05,521

*Source :* Director of School Education, Madras.  
 Director of Collegiate Education, Madras.  
 Director of Backward Classes, Madras and  
 Director of Adi Dravidar and Tribal Welfare, Madras.

**17 TRANSPORT**  
**TABLE 17.1.**  
**LENGTH OF ROADS 1986-87.**

(In Kilometres)

<i>District/State.</i>	<i>Surfaced Roads.</i>			<i>Total.</i>	<i>Un-surfaced roads.</i>	<i>Grand Total.</i>
	<i>Cement concrete.</i>	<i>Bitu minous.</i>	<i>Water bound macadam</i>			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Madras ..	36	1,880	125	2,041	81	2,122
2 Chengai-Anna	23	3,957	4,190	8,170	5,070	13,240
3 South Arcot	46	4,016	2,617	6,679	5,428	12,107
4 North Arcot— Ambedkar & Tiruvannamalai } Sambuvarayar }	104	3,974	3,657	7,735	6,999	14,734
5 Salem ..	927	3,892	4,916	9,735	3,699	13,434
6 Dharmapuri	66	2,744	3,083	5,893	2,631	8,524
7 Periyar ..	55	3,445	3,552	7,052	5,273	12,325
8 Coimbatore	153	4,208	3,635	7,996	2,718	10,714

9	The Nilgiris	16	1,631	527	2,174	1,845	4,019
10	Thanjavur ..	38	4,018	3,665	7,721	5,492	13,213
11	Tiruchirappalli	105	4,519	5,121	9,745	6,680	16,425
12	Pudukkottai	1	1,374	2,141	3,516	3,733	7,249
13	Dindigul- Quaid-E- Millat	96	2,035	1,679	3,810	2,653	6,463
14	Madurai ..	56	2,483	1,975	4,514	2,581	7,095
15	Ramanatha- puram ..	8	1,258	1,013	2,279	1,976	4,255
16	Kamarajar ..	110	1,388	1,298	2,796	1,071	3,867
17	Pasumpon Thevar Thirumagan	17	1,338	1,109	2,464	2,262	4,726
18	Tirunelveli Kattabomman	148	2,668	1,796	4,612	2,596	7,208
19	Chidambaranar	42	1,893	926	2,861	1,781	4,642
20	Kanniyakumari	72	1,274	1,237	2,583	1,707	4,290
	STATE ..	2,119	53,995	48,262	1,04,376	66,276	1,70,652

Source : Respective Heads of Departments.

TABLE 17.2.

## ROAD ACCIDENTS BY DISTRICTS 1988.

<i>Serial number and District.</i>	<i>Total Number of Accidents.</i>	<i>Number of persons.</i>	
		<i>Injured.</i>	<i>Killed.</i>
(1)	(2)	(3)	(4)
1 Chengai-Anna(East)..	1,517	11,32	371
2 Chengai-Anna(West)..	1,204	1,305	267
3 South Arcot .. ..	1,236	923	273
4 North Arcot Ambedkar and Thiruvannamalai Sambuvarayar }	2,096	17,49	525
5 Salem .. ..	1,893	19,15	488
5 Dharmapuri .. ..	1,323	996	291
7 Coimbatore (Urban)	1,543	1,338	227



8	Coimbatore (Rural)	821	811	176
9	Periyar .. ..	1,044	732	271
10	The Nilgiris .. ..	269	466	115
11	Tiruchirappalli ..	2,085	2,181	535
12	Thanjavur (East) ..	654	593	125
13	Thanjavur (West) ..	966	965	132
14	Pudukkottai .. ..	448	621	89
15	Madurai (City) ..	606	618	139
16	Madurai (Rural) ..	954	1,326	220
17	Dindigul Quaid-E-Milat	860	895	197
18	Ramanathapuram ..	268	400	53
19	Kamarajar .. ..	553	695	134
20	Pasumpon Thevar } Thirumagan. }	284	408	59

TABLE 17.2—cont.

Serial number and District.	Total Number of Accidents.	Number of persons.	
		Injured.	Killed.
(1)	(2)	(3)	(4)
21 Chidambaranar ..	569	479	124
22 Tirunelveli Katta- bomman. )	594	589	168
23 Kanniyakumari ..	411	342	88
24 Madras City ..	5,109	4,157	390
25 G.R.P.: Tiruchirappalli	78	3	5
26 G.R.P.: Madras ..	140	9	1
27 Villupuram	1,056	637	228
Total ..	28,581	26,285	5,791

Source: Director General of Police, Madras.

TABLE 17.3  
REGISTERED MOTOR VEHICLES 1988-89.

Serial number and Regions.	Commercial.				
	Stage Carria- ges.	Auto Rick- shaws.	<sup>1</sup> Taxis. including Tourist Taxis.	Luxury coaches Omni Buses. Pvt. Transport. Vehicles.	Goods vehicle
(1)	(2)	(3)	(4)	(5)	(6)
1 S. T. A. Madras-5.. ..	3,907	..	392	29	10,878
2 Madras (C) .. ..	2,192	2,294	3,078	142	4,852
3 Madras (N).. ..	..	786	509	86	6,741
4 Madras (W).. ..	..	937	1,712	37	4,085
5 Madras (S) .. ..	..	1,683	1,665	30	1,618
6 Chengai Anna ..	349	1,897	328	55	3,506
7 North Arcot- Ambedkar	935	518	273	42	2,443

TABLE 17.3—cont.

<i>Serial number and Regions</i>	<i>Stage carriages.</i>	<i>Autorick- shaws.</i>	<i>Tax is including Tourist taxis.</i>	<i>Luxury coaches and Omni buses. PTV</i>	<i>Goods vehicles.</i>
(1)	(2)	(3)	(4)	(5)	(6)
8 Thiruvannamalai and Sambuvarayar	3,51	194	212	30	1,193
9 Coimbatore ..	650	4,292	2,048	128	5,614
10 Pollachi ..	603	1,079	573	..	2,959
11 Periyar ..	640	1,110	744	45	5,753
12 The Nilgiris ..	308	305	608	60	1,041
13 Salem .. ..	1,199	1,729	1,199	89	7,501
14 Dharmapuri ..	579	546	111	6	1,575
15 South Arcot ..	727	356	784	38	2,302

16	Tiruchirappalli .. ..	962	1,736	1,702	54	5,228
17	Thanjavur ..	748	113	1,014	15	1,098
18	Pudukkottai .. ..	290	117	317	3	917
19	Nagapattinam	126	156	768	..	516
20	Madurai .. .. ..	1,073	704	1,379	46	3,946
21	Dindigul Quaid-e-Millat	577	221	546	21	1,310
22	Kamarajar .. ..	321	60	404	5	1,169
23	Pasumpon Thevar Thirumagan .. ..	292	15	238	15	259
24	Ramanathapuram ..	264	25	240	2	242
25	Tirunelveli Kattabomman	619	535	1,455	44	1,789
26	Chidambaranar .. ..	341	123	524	90	1,748
27	Nagarkoil .. ..	399	806	1,252	19	1,802
	<b>Total</b> ..	<u>18,452</u>	<u>22,637</u>	<u>24,075</u>	<u>1,131</u>	<u>82,085</u>

TABLE 17 3.—*cont*

District,	Commercial.		
	Tractors.	Others	Total. (Commercial Vehicles.)
	(8)	(9)	(10)
1 S. T. A. Madras-5 ..	.	641	15,847
2 Madras (C) .. ..	49	130	12,737
3 Madras (N) .. ..	242	415	88,39
4 Madras (W) .. ..	..	3	6,774
5 Madras (S) .. ..	21	30	5,047
6 Chengai-Anna .. ..	1,659	1,776	9,570
7 North Arcot-	592	610	5,413
8 Thiruvannamalai	879	880	37,39
9 Coimbatore .. ..	795	795	14,322
10 Pollachi .. ..	764	808	6,786
11 Periyar .. ..	997	1,644	10,933
12 The Nilgiris .. ..	207	227	2,756
13 Salem .. ..	904	2,040	14,661

14 Dharmapuri .. ..	556	557	3,930
15 South Arcot .. ..	2,694	34 72	10,673
16 Tirushirappalli ..	1,112	1,293	12,087
17 Tanjavur .. .. .	932	949	4,869
18 Pudukkottai ..	135	136	1,915
19 Nagapattinam .. .. .	1,126	1,127	3,819
20 Madurai ..	838	905	8,891
21 Dindigul Quaid-e- Millat	481	497	3,653
22 Kamarajar ..	633	715	3,307
23 Pasumpon Thevar Thirumagan ..	454	108	1381
24 Ramanathapuram	113	121	1007
25 Thirunelveli Katta- bomman	572	765	5,779
26 Chidambaranar ..	296	308	3,430
27 Nagerkoil ..	82	..	4,360
Total ..	<u>17,133</u>	<u>21,012</u>	<u>1,86,525</u>

TABLE 17.3—cont.

District.	Non-Commercial.			
	Two Wheelers.	Motor cars.	Jeeps- Station wagons.	School Buses
	(10)	(11)	(12)	(13)
1 STA Madras.. ..	..	..	..	..
2 Madras(C).. ..	1,98,695	54,494	..	..
3 Madras(N).. ..	24,753	7,476	..	..
4 Madras(W) .. ..	48,671	19,376	82	39
5 Madras(S).. ..	66,367	25,674	501	69
6 Chengai—Anna .. ..	20,478	3,011	799	68
7 North Arcot .. ..	31,467	2,755	433	10
8 Thiruvannamalai	24,314	1,463	233	6
9 Coimbatore	40,467	33,476	803	84
10 Pollachi .. ..	21,476	5,437	153	40
11 Periyar .. ..	33,678	5,063	427	3
12 The Nilgiris	5,114	3,111	2,193	32



13 Salem .. ..	50,147	10,386	1,279	74
14 Dharmapuri .. ..	8,347	2,767	539	10
15 South Arcot .. ..	21,117	2,847	388	9
16 Tiruchirappalli .. ..	27,473	5,411	746	34
17 Thanjavur .. ..	9,093	3,414	211	7
18 Pudukkottai .. ..	5,387	1,014	142	13
19 Nagapattinam .. ..	9,867	3,071	123	..
20 Madurai .. ..	15,373	7,176	340	42
21 Dindigul Quaid-e-Millat	9,003	1,458	182	28
22 Kamarajar .. ..	8,947	3,007	335	58
23 Pasumpon Thevar- Thirumagan .. ..	8,711	1,618	123	8
24 Ramanathapuram .. ..	3,003	607	79	2
25 Tirunelveli Kattabomman	11,076	2,027	272	42
26 Chidambaranar .. ..	7,267	1,948	184	23
27 Nagercoil .. ..	6,076	3,220	253	25
	<hr/>	<hr/>	<hr/>	<hr/>
Total .. ..	7,16,367	2,11,307	10,820	726
	<hr/>	<hr/>	<hr/>	<hr/>

TABLE 17.3—cont.

<i>District.</i>	<i>Non-Commercial—cont.</i>			<i>Total.</i>
	<i>Goods vehicle</i>	<i>Tractor.</i>	<i>Others.</i>	
	(15)	(16)	(17)	(18)
1 S.T.A. Madras 5	..	..	..	..
2 Madras (C) .. ..	1,197	..	68	2,54,454
3 Madras (N) .. ..	1,077	..	46	33,352
4 Madras (W) .. ..	594	17	919	69,698
5 Madras .. ..	1,153	84	280	94,128
5 Chengai—Anna .. ..	343	3,149	299	28,147
7 North Arcot— .. ..	223	447	137	35,472
8 Thiruvannamalai	180	390	113	26,699
9 Coimbatore .. ..	1,483	521	644	77,478
10 Pollachi .. ..	78	430	91	27,705
11 Periyar .. ..	228	667	130	40,196
12 The Nilgiris .. ..	257	89	183	10,979

13 Salem .. ..	789	1,190	729	64,594
14 Dharmapuri .. ..	151	60	179	12,053
15 South Arcot .. ..	245	119	51	24,776
16 Tiruchirappalli .. ..	286	159	195	34,304
17 Thanjavur .. ..	403	520	191	13,839
18 Pudukkottai .. ..	117	16	53	6,742
19 Nagapattinam . . .	183	8	69	13,321
20 Madurai .. ..	380	33	161	23,505
21 Dindigul Quaid-e-Millat	70	8	18	10,767
22 Kamarajar .. ..	99	111	181	12,738
23 Pasumpon Thevar Thirumagan .. ..	47	..	10	10,517
24 Ramanathapuram ..	14	4	44	3,753
25 Tirunelveli Kattabomman	162	31	94	13,704
26 Chidambaranar ..	112	19	43	9,596
27 Nagerkoil .. ..	118	39	111	9,842
Total ..	9,989	8,111	5,039	9,62,359

Source : Transport Commissioner, Madras.

**TABLE 17.4.**  
**TRANSPORT CORPORATIONS IN TAMIL NADU, 1988-89.**

<i>Serial number and name of the Corporations.</i>	<i>Year of formation.</i>	<i>Head-quarters.</i>	<i>District covered.</i>	<i>Number of buses as on 31st March 1989.</i>
(1)	(2)	(3)	(4)	(5)
1 Pallavan Transport Corporation.	01-01-72	Madras ..	Madras Metropolitan Development Authority Area.	2,202
2 Thiruvalluvar Transport Corporation.	15-09-75	Madras ..	Entire State of Tamil Nadu	855
3 Pattukkottai Azhagiri Transport Corporation.	15-09-75	Vellore ..	North Arcot Ambedkar and Thiruvannamalai Sombuvarayar and Northern parts of Chengai Anna District.	907
4 Pandiyan Roadways Corporation.	17-01-72	Madurai	Madurai and Kamarajar District.	877
5 Marudhu Pandiyar Transport Corporation.	01-04-83	Karaikudi	Pudukkottai, Ramanathapuram and Pasumpon Thevar Thirumagan District.	675

6	Rani Mangammal Transport Corporation.	01-04-86	Dindigul	Quaid-E-Millat District	589
7	Cheran Transport Corporation.	01-03-72	Coimbatore	Coimbatore and The Nilgiris District.	1,267
8	Jeeva Transport Corporation.	01-04-83	Erode ..	Periyar District ..	672
9	Cholan Roadways Corporation.	01-03-72	Kumbakonam.	Thanjavur District.	703
10	Dheeran Chinnamalai Transport. Corp	01-04-85	Tiruchirappalli.	Tiruchirappalli District ...	634
11	Anna Transport Corporation.	15-02-73	Salem ..	Salem District ..	694
12	Annai Sathya Transport Corporation.	01-04-87	Dharmapuri.	Dharmapuri District.	449
13	Kattabomman Transport Corporation.	01-01-74	Tirunelveli	Chidambaranar and Tirunelveli Kattabomman District.	727
14	Nesamony Transport Corporation.	01-04-83	Nagercoil	Kanniyakumari District	540
15	Thanthai Periyar Transport Corporation.	16 01-75	Villupuram	South Arcot and Southern parts of Chengai - Anna District.	904

*Source* : Chairman, cell, Transport Development Finance Corporation, Madras,

**TABLE 17.5.**  
**SELECT INDICATORS ON PERFORMANCE OF STATE TRANSPORT CORPORATIONS**  
**OF TAMIL NADU 1988-89. (P)**

<i>Serial number and item.</i> (1)	<i>P.T.C.</i> (2)	<i>T.T.C.</i> (3)	<i>P.A.T.C.</i> (4)	<i>P.R.C.</i> (5)	<i>M.P.T.C.</i> (6)
1 Fleet strength as on 31st March.	2,202	855	907	877	675
2 Km. operated per day (in lakhs.)	4.77	5.03	3.01	2.76	2.32
3 Number of passengers carried per day (in lakhs.)	31.21	1.01	6.15	10.82	5.20
4 Fleet utilisation (per cent)	89.00	92.12	90.96	94.27	90.16
5 Km. efficiency (per cent)	93.50	99.71	96.67	97.29	96.40
6 Km. run per litre of Diesel—					
(a) City/Town .. ..	3.57	..	3.83	4.15	4.26
(b) Mofussil .. ..	..	4.21	3.98	4.09	4.27

7	Number of routes as on 31st March.	356	256	539	493	471
8	Number of new routes introduced during the year.	49	27	19	41	42
9	New villages benefitted during the year.	..	..	12	53	89
10	Benefitted village population (in lakhs).	..	..	0.20	0.61	0.58
11	Staff strength .. ..	17,956	8,104	6,332	6,213	4,447
12	Number of new buses purchased.	275	162	103	92	99

TABLE 17.5—cont

<i>Serial number and item.</i>	<i>R.M.T.C.</i>	<i>C.T.C.</i>	<i>J.T.C.</i>	<i>C.R.C.</i>	<i>D.C.T.C.</i>
(1)	(8)	(9)	(10)	(11)	(12)
1 Fleet strength as on 31st March.	589	1,267	672	703	634
2 Km. operated per day (in lakhs).	2.14	3.73	2.33	2.57	2.30
3 Number of passengers carried per day (in lakhs).	4.89	13.30	5.80	7.25	5.87
4 Fleet utilisation (per cent)	96.13	95.83	95.22	92.98	93.16
5 Km. efficiency (per cent)	98.33	99.11	99.31	98.70	99.53
6 Km. run per litre of Diesel—					
(a) City/Town ..	4.27	3.97	4.14	4.28	3.96
(b) Mofussil .. ..	4.25	4.19	4.10	4.23	4.11



7 Number of routes as on 31st March.	574	778	474	500	538
8 Number of new routes introduced during the year.	44	19	9	5	21
9 New villages benefited during the year.	9	3	17	3	43
10 Benefited villages population (in lakhs).	0.15	0.02	0.17	0.04	0.50
11 Staff strength .. ..	4,147	8,808	4,672	4,835	4,89
12 Number of new buses purchased.	104	155	75	51	112

TABLE 17.5- cont.

<i>Serial number and item.</i>	<i>A.T.C.</i>	<i>A.S.T.C.</i>	<i>K.T.C.</i>	<i>N.T.C.</i>	<i>T.P.T.C.</i>	<i>Total.</i>
(1)	(13)	(14)	(15)	(16)	(17)	(18)
1 Fleet strength as on 31st March	694	449	727	540	904	12,695
2 Km operated per day (in lakhs).	2.34	1.41	2.43	1.74	3.12	42.00
3 Number of passengers carried per day (in lakhs).	6.82	3.24	5.82	5.69	6.60	119.67
4 Fleet utilisation (per cent)	94.13	92.51	91.80	95.19	94.00	92.60
5 Km. efficiency (per cent)	99.21	99.20	97.46	98.33	99.54	97.93
6 Km. run per litre of Diesel—						
(a) City/Town ...	4.10	4.16	4.30	3.99	4.12	3.96
(b) Mofussil .. ..	4.16	4.22	4.24	4.17	4.12	4.15

7	Number of routes as on 31st March.	489	390	550	337	5.6	7,191
8	Number of new routes introduced during the year.	13	38	23	11	22	383
9	New Villages benefited during the year.	...	65	..	4	15	313
10	Benefited villages population (in lakhs).	..	0.45	..	0.03	0.26	299
11	Staff strength .. ..	4,929	2,824	5,034	3,931	5,935	92,556
12	Number of new buses purchased.	90	111	90	72	229	1,820

- 1 P.T.C. .. .. Pallavan Transport Corporation.  
 2 T.T.C. .. .. Thiruvalluvar Transport Corporation.  
 3 P.A.T.C. .. .. Pattukkottai Azhagiri Transport Corporation.  
 4 P.R.C. .. .. Pandiyan Roadways Corporation.  
 5 M.P.T.C. .. .. Marudhu Pandiyar Transport Corporation.

6	R.M.T.C.	..	..	Rani Mangammal Transport Corporation.
7	C.T.C.	..	..	Cheran Transport Corporation.
8	J.T.C.	..	..	Jeeva Transport Corporation.
9	C.R.C.	..	..	Cholan Roadways Corporation.
10	D.C.T.C.	..	..	Dheeran Chinnamalai Transport Corporation.
11	A.T.C.	..	..	Anna Transport Corporation.
12	A.S.T.C.	..	..	Annai Sathya Transport Corporation.
13	K.T.C.	..	..	Kattabomman Transport Corporation.
14	N.T.C.	..	..	Nesamany Transport Corporation.
15	T.P.T.C.	..	..	Thanthai Periyar Transport Corporation.

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*Source* : Chairman, Cell, Transport Development Finance Corporation,  
Madras

TABLE 17.6

RAILWAY LINES : LENGTH IN TAMIL NADU 1988-89.

<i>Item.</i>	<i>Broad Gauge.</i>	<i>Metre Gauge.</i>	<i>Broad Gauge and Metre Gauge Combined.</i>	<i>Total</i>
(1)	(2)	(3)	(4)	(5)
1 Route Length (In Km.) ..	1,057.48	2,871.43	..	3,928.91
2 Track Length (In Km.) ..	2,669.09	3,886.36	..	6,555.45
3 Number of Railway Stations	176	501	13	690

*Source* : General Manager, Southern Railway, Madras.

TABLE 17.7

## PORT DEVELOPMENT, 1988-89

1 Major Ports	..	..	..	..	..	..	2
2 Intermediate Ports	..	..	..	..	..	..	2
3 Minor Ports	..	..	..	..	..	..	6

<i>Name of the Port.</i>							<i>Vessels entered.</i>	<i>Cargo handled (Tonne).</i>
(1)							(2)	(3)
<i>Major Ports—</i>								
1 Madras	..	..	..	..	..	..	1,725	2,38,63,101 includes 2274549 tonne of trans- shipment cargo)
2 Tuticorin	..	..	..	..	..	..	519	51,39,667

*Intermediate Ports—*

1 Cuddalore	..	..	..	..	..	..	19	2,00,726
2 Nagapattinam	..	..	..	..	..	..	30	80,504.5

*Minor Ports—*

1 Kilakarai	..	..	..	..	..	..	Nil.	Nil.
2 Rameswaram]	..	..	..	..	..	..	12	Nil.
3 Pamban	..	..	..	..	..	..	Nil.	Nil.
4 Colachel	..	..	..	..	..	..	3	25,200 (tonne)
5 Kanniyakumari	..	..	..	..	..	..	Nil.	Nil.
6 Valinokkam (Newly formed Port)	..	..	..	..	..	..	1	LDT of Vessel 1972 Tonne (Scrapped Vessel).

At present there is no trade at Valinokkam Port. Vessels are calling at Valinokkam Port for breaking and scrapping purposes.

*Source* : Statistical Officer, Madras Port Trust, Traffic Manager, Tuticorin Port Trust and State Port Officer, Madras.

TABLE 17.8  
INLAND WATER TRANSPORT 1988-98

<i>Name of Canal.</i>	<i>Length of canal open for Navigation.</i>	<i>Number of boats.</i>		<i>Quantity of cargo carried.</i>
		<i>For Cargo.</i>	<i>For Passenger.</i>	
(1)	(2)	(3)	(4)	(5)
North Buckingham Canal ..	43 Km.	78 (Trips)	Nil.	993.00 Tonnes (Fire Wood)
Vedaranyam Canal ..	57 K m.	Nil.	Nil.	Nil.



TABLE 17.8—cont.

<i>Name of Canal.</i>	<i>Value of Cargo Carried. (Rs.)</i>	<i>Number of Passengers Carried.</i>	<i>Remarks.</i>
(1)	(6)	(7)	(8)
North Buckingham Canal	7,94,400	Nil.	..
Vedaranyam Canal ..	Nil.	Nil.	..

*Source*, Chief Engineer Irrigation, Madras.

TABLE 17.9  
AIR TRANSPORT 1988-89.

Airport.	Passengers.		Cargo handled.		Pax Revenue.	Cargo Revenue.	Total.
	Embarked. (In '000)	Dis-Embar- ked. ( '000 ' )	Loaded. (In tonne)	Un-loaded. (In tonne)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(Rupees in Lakhs)							
<i>I. International Airport—</i>							
1 Madras ..	189	184	18,833	6,223	..	..	..
<i>II. Domestic Airport—</i>							
1 Madras ..	744	745	15,119	7,628	7,441.89	848.44	8,290.33
2 Tiruchirappalli	34	37	108	239	467.92	10.67	478.59
3 Coimbatore ..	71	76	940	743	624.02	44.06	668.08
4 Madurai ..	36	34	694	699	266.87	26.57	293.44

Source : (1) Director International Airport Authority, Madras  
(2) Collector of Customs, Air Cargo Complex, Madras  
(3) Commercial Manager, (Southern Region), Madras,

## 18. COMMUNICATIONS

### TABLE 18.1.

#### POST AND TELEGRAPH OFFICES 1988-89

1 Post Offices doing Postal business alone	..	..	..	..	..	7,120
2 Post Offices doing Post and Telegraph business			..	..	..	4,943
3 Telegraph Offices	..	..	..	..	..	88

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*Source :* Postmaster- General Tamil Nadu Circle, Madras and General Manager, Telecommunications, Madras.

**TABLE 18.2**  
**TELEPHONES IN TAMIL NADU CIRCLE, 1988-89 .**

<i>Item.</i>	<i>Number</i>
(1)	(2)
1 Number of Exchanges .. .. .	1,253
2 Number of Direct Exchange Lines .. .. .	3,87,568
3 Number of Junction Lines .. .. .	10,121
4 Number of Working Lines .. .. .	4,18,348
5 Number of Telephones in use .. .. .	4,66,680
6 Number of PBX and PABX. .. .. .	2,659
7 Number of Extensions from Direct Exchange Lines .. .. .	38,886
8 Number of Extensions from PBX and PABX .. .. .	43,386

**9 Number of Public Call Offices :—**

(a) Local	..	..	..	..	..	..	..	..	..	6,616
(b) Long Distance		..	..	..	..	..	..	..	..	2,414
Total	..	..	..	..	..	..	..	..	..	9,030

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**Source :** General Manager, Madras Telephones, Madras. General Manager, Telecommunications, Madras.

## 19. CO-OPERATION.

TABLE 19.1

NUMBER, MEMBERSHIP AND PAID UP SHARE CAPITAL OF CO-OPERATIVE SOCIETIES  
1987-88.

<i>Serial number and Type of Societies.</i>	<i>Number of Societies.</i>	<i>Membership. (actual)</i>	<i>Paid up share capita (Rupees in lakhs.).</i>
(1)	(2)	(3)	(4)
1 Tamil Nadu State Co-operative Bank	1	2,02,391	556.10
2 Tamil Nadu State Land Development Bank.	1	271	707.68
3 Tamil Nadu Co-operative Marketing Federation.	1	4,025	219.19
4 Thanjavur Co-operative Marketing Federation.	1	4,321	42.86
5 Tamil Nadu Consumers' Co-operative Federation.	1	289	97.49

6	Tamil Nadu Co-operative Union	1	36	..
7	Central Co-operative Banks ..	17	1,30,066	5,885.23
8	Agricultural Credit Societies (including Farmers Service Societies.)	4,602	62,89,110	6,621.15
9	Primary Land Development Banks	182	17,9,2356	1,663.40
10	Lamps .. .. .	18	50,212	85.77
11	Primary Co-operative Banks (Urban Banks and Emp. Societies coming under B. R. Act).	134	31,12,408	1,886.84
12	Employees Co-operative Societies	1,549	11,67,101	7,376.70
13	Urban Credit Societies .. ..	54	53,330	268.48
14	Co-operative Wholesale Stores ..	29	8,65,038	705.85
15	Primary Co-operative Stores ..	3,358	12,50,506	431.65
16	Tenant Farming Societies ..	32	4,181	2.91
17	Land Colonisation Co-operative Societies.	49	4,069	3.08

TABLE 19.1—cont.

<i>Serial number and Type of Societies.</i>	<i>Number of Societies.</i>	<i>Membership. (actual)</i>	<i>Paid up share capital (Rupees in lakhs).</i>
(1)	(2)	(3)	(4)
18 Lift Irrigation Societies ..	39	13,045	8.15
19 Primary Marketing Societies ..	111	10,59,308	505.32
20 Hill Tribes Marketing Societies ..	1	514	0.37
21 Salt Manufacturers Societies ..	15	2,445	6.64
22 Labour Contract Co-operative Societies	202	42,697	46.76
23 Co-operative Printing Press ..	18	8,675	31.77
24 Washermen and Laundry Co-operative Societies	12	4,826	0.87



	25 Hair Dressers and Barbers Co-operative Societies.	10	757	0.47
	26 Health Co-operative Societies ..	1	352	1.00
	27 District Co-operative Unions ..	17	12,608	—
	28 Co-operative Training Institutes	8	130	—
	29 Processing Co-operative Societies	1	544	6.59
	30 Co-operative Canteens and Restaurants.	75	63,504	8.29
	31 Fruit and Vegetable Growers Co-operative Societies.	1	327	0.18
	32 Rural Electricity Co-operative Societies.	3	35,738	259.84
	33 Specialised Agricultural Commodities Co-operative Marketing Societies.	447	54,472	27.93
337	34 Cycle Rickshaw Drivers' Co-operative Societies,	4	436	0.68

TABLES 19,1—cont.

<i>Serial number and Type of Societies.</i>	<i>Number of Societies.</i>	<i>Membership. (actual)</i>	<i>Paid up share capital (Rupees in lakhs.)</i>
(1)	(2)	(3)	(4)
35 Better Living Societies .. ..	1	23	0.01
36 Housing Co-operative Societies .. Including Apex Society.	1,386	8,95,664	5,357.12
37 Tamil Nadu Khadi and Village Industries Board	1,798	4,01,926	95.61
38 Industrial Co-operative Societies. .	579	71,814	1,574.22
39 Sheep-poultry Co-operative Societies	1,536	1,82,730	119.32
40 Milk Producers Co-operative Societies.	6,105	14,014 (lakhs).	184.53

41 Milk Supply Societies .. ..	34	1,754 (lakhs).	27.89
42 Milk Consumers Co-operative Societies.	47	0.201 (lakhs),	1.53
43 Milk Supply Unions .. ..	4	0.021 (lakhs).	9.52
44 District Co-operative Milk Producers Unions.	17	0.115 (lakhs).	252.24
45 Co-operative Dairy Farms ..	2	0.001 (lakhs).	0.14
46. Fisheries Co-operative Societies	610	1.75 (lakhs)	252.64

Source : Respective Heads of Departments.

TABLE 19.2.

LOANS ADVANCED, OUTSTANDING AND OVERDUE OF CERTAIN CO-OPERATIVE SOCIETIES  
1987-88.

(RUPEES IN LAKHS.)

<i>Serial number and Type of Societies.</i>	<i>Loans Advanced.</i>	<i>Loans Outstanding.</i>	<i>Loans Overdue.</i>
(1)	(2)	(3)	(4)
1 Tamil Nadu State Co-operative Bank ..	65,990.24	48,921.91	257.38
2 Tamil Nadu State Land Development Bank.	3,115.03	17,829.12	6,610.82
3 Co-operative Central Banks .. ..	2,44,695.28	1,05,861.43	12,237.93
4 Primary Land Development Banks ..	3,182.98	15,745.42	4,473.67
5 Agricultural Credit Societies including Farmers Service Societies.	42,640.34	50,792.06	17,750.11
6 Lamps .. .. .	185.64	1,182.57	153.35

7	Co-operative Urban Banks (Primary Co-operative Banks)	30,167.08	26,502.15	3,049.24
8	Employees Co-operative Societies ..	35,655.20	31,239.71	673.76
9	Urban Credit Societies .. ..	185.64	283.56	153.25
10	Primary Co-operative Marketing Societies ..	346.73	240.94	34.72
11	Barber Co-operative Societies .. ..	..	1.12	1.07
12	Cycle Rishaw Societies .. ..	..	4.75	2.40
13	Lamps .. ..	185.64	1,182.57	153.35
14	Land Colonisation Co-operative Societies.	5.03	12.30	9.85
15	Labour Contract Co-operatives Societies	92.01	35.89	18.44
16	Fisheries Co-operative Societies	402.47	400.67	133.50
17	Others	203.80	168.24	32.55

Source : Registrar of Co-operative Societies, Madras.

## REGISTRATION.

TABLE 20.I.

Number of Registration Offices Registrations and aggregate value of properties transferred 1988-89.

<i>Serial number and Registration Centres.</i>	<i>Number of Registration Offices.</i>	<i>Number of Registrations (movable and immovable).</i>	<i>Aggregate value of properties transferred (movable and immovable). (" Rs. in 000 ")</i>	<i>Total receipts. (Rs. in "000")</i>
(1)	(2)	(3)	(4)	(5)

## I. VELLORE ZONE.

1 North Madras ..	9	28,190	8,737.99	144.96
2 South Madras ..	11	51,337	34,515.94	143.91
3 Central Madras ..	8	27,035	56,428.94	175.30
4 Kancheepuram ..	13	30,086	3,708.30	42.27

5	Chengalpattu	..	11	21,570	2,020.29	38.64
6	Vellore	..	11	28,150	6,554.41	60.63
7	Cuddalore	..	10	18,423	3,243.35	19.43
8	Arakonam	..	12	18,283	2,610.35	23.53
9	Thiruvannamalai	..	13	21,272	1,082.04	31.49
10	Villupuram	..	11	20,839	2,263.14	31.03
11	Cheygar	..	12	16,151	2,416.20	24.80
12	Kallakurichi	..	14	24,270	2,781.14	28.81
13	Chidambaram	..	13	19,390	25.00	27.02
14	Dindivanam	..	12	17,974	2,121.41	24.03

## II. COIMBATORE ZONE.

15	Coimbatore	..	10	35,326	14,038.12	146.50
16	Thiruppur	..	11	29,045	6,422.42	79.17
17	Erode	..	12	25,340	6,660.99	69.48

TABLE-20.1—*cont.*

<i>Serial number and Registration District.</i>	<i>Number of Registration Offices.</i>	<i>Number of Registra- tions (movable and immovable).</i>	<i>Aggregate value of properties transferred (movable and immovable). (Rs. in "000")</i>	<i>Total Receipts. (Rs. in "000"</i>
(1)	(2)	(3)	(4)	(5)
18 Gobichettipalayam ..	9	11,299	2,239.62	25.81
19 Udagai .. ..	5	6,817	1,853.86	23.81
20 Salem .. ..	22	35,402	7,801.23	87.10
21 Namakkal .. ..	17	19,892	3,047.19	48.04
22 Dharmapuri ..	11	13,440	2,668.70	27.99
23 Krishnagiri ..	11	19,913	3,368.80	60.56



### III. MADURAI ZONE.

24	Madurai	..	..	18	42,945	7,501.28	82.60
25	Dindigul	..	..	13	21,547	2,611.40	35.45
26	Palani	..	..	10	12,455	2,158.37	22.66
27	Periakulam	..	..	13	25,819	3,500.72	34.31
28	Sivagangai	..	..	10	14,069	1,438.09	19.08
29	Ramanathapuram	..	..	13	16,917	1,580.88	19.37
30	Virudhunagar	..	..	15	29,289	4,032.15	46.17
31	Karaikudi	..	..	10	14,669	2,204.76	18.31
32	Tirunelveli	..	..	10	12,968	1,524.86	18.27
33	Tenkasi	..	..	17	29,043	1,254.52	28.19
34	Cheranmahadevi	..	..	9	11,545	1,066.78	11.85
35	Palayamcottai	..	..	17	24,539	1,582.86	34.09
36	Tuticorin	..	..	16	19,019	2,583.14	29.73
37	Kanniyakumari	..	..	12	24,410	3,035.25	37.22
38	Marthandam	..	..	9	17,440	2,080.56	20.91

TABLE 20.1—cont.

<i>Serial number and Registration District.</i>	<i>Number of Registration Offices.</i>	<i>Number of Registra- tions (movable and immovable).</i>	<i>Aggregate value of properties transferred (movable and immovable).</i>	<i>Total Receipts.</i>
(1)	(2)	(3)	(4)	(5)
<b>IV. TRICHY ZONE.</b>				
39 Thanjavur ..	17	28,888	3,202.45	48.03
40 Ariyalur .. ..	19	41,235	2,969.30	31.55
41 Pattukkottai ..	15	18,695	1,476.76	18.24
42 Pudukkottai ..	11	17,566	1,320.60	14.56
43 Karur .. ..	11	19,137	2,275.77	21.36
44 Mayiladuthurai ..	12	15,831	1,582.05	17.61
45 Tiruchirappalli ..	10	35,302	3,874.16	47.10
46 Nagapattinam ..	15	22,998	2,009.23	20.18
Total ..	570	10,55,768	22,10,29.84	2,063.06

Source : Inspector-General of Registration, Madras.

## 21. COMMUNITY DEVELOPMENT.

TABLE 21.1.

COVERAGE OF INTEGRATED RURAL DEVELOPMENT PROGRAMME  
1988-89.

<i>Serial number and items.</i>	<i>Unit.</i>	<i>State.</i>	<i>Covered by Integrated Rural Development Programme.</i>	<i>Percentage.</i>
(1)	(2)	(3)	(4)	(5)
1 Community Development .. Blocks.	Number.	384	} Fully covered by I.R.D.P.	100
2 Panchayat Unions.. ..	Do.	384		
3 Area .. .. .	Square Kilo Metres.	112538.59		
4 Villages .. .. .	Number.	16,602		
5 Population (Rural) .. ..	Do.	3,66,32,083		

*Source* : Director of Rural Development, Madras.

TABLE 21.2.

PHYSICAL ACHIEVEMENTS UNDER COMMUNITY DEVELOPMENT PROGRAMME, 1988-89.

<i>Items.</i>	<i>Unit.</i>	<i>Achievements.</i>
(1)	(2)	(3)
Agriculture—		
1 (a) Improved Seeds distributed—		
(i) Paddy .. .. .	Tonne	2 1,290
(ii) Millets .. .. .	Do.	1221
(iii) Pulses .. .. .	Do.	2536
(iv) Cotton .. .. .	Do.	292

(b) Vegetable Seeds—		Tonne	54
(c) Oil Seeds—			
(i) Groundnut .. .. .	.. .. .	Do.	1,3654
(ii) Gingelly .. .. .	.. .. .	Do.	132
(iii) Sunflower .. .. .	.. .. .	Do.	338
(iv) Castor .. .. .	.. .. .	Do.	68
2. Fertilizers distributed	(Nitrogeous)	.. .. .	Do.
	(Phosphate)		1,4302
	(Pottassic)		3,5902
3. Improved Implements distributed	.. .. .	Numbers	7,421

*Source* : Director of Agriculture, Madras, Director of Oil Seeds, Madras and Director of Horticulture, Dharmapuri.

TABLE 21.3.

## PROGRESS OF COMMUNITY DEVELOPMENT PROGRAMME, 1983-89.

<i>Item.</i>	<i>Unit.</i>	<i>Achievement.</i>
(1)	(2)	(3)
<b>1 Length of Roads—</b>		
<b>(a) Panchayat Roads—</b>		
Cement .. .. .	Kilo metres	47.61
Bituminus .. .. .	Do.	200.82
Water bound macadam	<i>a) Saralai</i> Do.	10,782.30
	<i>b) Metal</i> Do.	15,715.36
Un-surfaced (mud) .. .. .	Do.	19,889.10
<b>(b) Panchayat Union Roads—</b>		
Cement .. .. .	Do.	12.90
Bituminus .. .. .	Do.	4,249.39
Water bound macadam	<i>a) Saralai</i> Do.	11,536.28
	<i>b) Metal</i> Do.	25,680.54
Un-surfaced (mud) .. .. .	Do.	13,972.99

## 2 Drinking Water Sources—

(a) Overhead tanks and Automatic pressure tanks.	Numbers.	15,417
(b) Ground Level Reservoirs ..	Do.	4,731
(c) Hand Pumps .. ..	Do.	79,577
(d) Drinking Water Wells .. ..	Do.	81,797

## 3 Veterinary Dispensaries—

(a) Dispensaries .. ..	Numbers	784
(b) Sub-Centres .. ..	Do.	1,027

4 Primary Health Centres .. .. Do. 657

5 Maternity and Child Welfare Centres .. Do. 3,353

## 6 Dispensaries—

		<i>Regular.</i>	<i>Rural.</i>
(a) Allopathy Dispensaries .. ..	Numbers	243	186
(b) Ayurvedic Dispensaries .. ..	Do.	72	68
(c) Siddha Dispensaries .. ..	Do.	90	281
(d) Unani Dispensaries .. ..	Do.	4	23
(e) Homoeopathy Dispensaries .. ..	Do.	19	10

Total ..		<u>428</u>	<u>568</u>
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TABLE 21.3—cont.

<i>Item.</i>	<i>Unit.</i>	<i>Achievement.</i>
(1)	(2)	(3)
7 Social Education Centres .. ..	Numbers	12,760
8 Chief Minister's Nutritious Meals Programme Centres.	Do.	24,558
9 (a) Radio sets functioning .. ..	Numbers	39,984
(b) T. V. Sets installed .. ..	Do.	7,218
10 Staff Quarters—		
(a) For Block staff .. ..	Numbers	1,955
(b) For Gramasevaks (Rural Welfare Officers).	Do.	535
(c) For Women teachers .. ..	Do.	1,287



11 Institutions having own buildings—

(a) Panchayat Union Office	..	..	Numbers	384
(b) Town Panchayats	..	..	Do.	520
(c) Village Panchayats	..	..	Do.	6,135
(d) Primary Health Centres		..	Do.	440
(e) Maternity and Child welfare Centres			Do.	3,533
(f) Dispensaries—				
(a) Regular	..	..	.. Do.	N.A.
(b) Rural	..	..	.. Do.	N.A.
(g) Panchayat Union Schools (Partly or completely in own buildings).			Do.	N.A.

TABLE 21.3—cont.

<i>Item.</i> (1)	<i>Unit.</i> (2)	<i>Achievement*</i> (3)
<b>12 Remunerative Enterprises—</b>		
(a) Kalyana Mandapam .. .. .	Numbers	21
(b) Markets .. .. .	Do.	1,159
(c) Shandies .. .. .	Do.	747
(d) Bus Stauds .. .. .	Do.	258
(e) Slaughter Houses .. .. .	Do.	321
<b>13 Industrial units run by Panchayat Union—</b>		
(a) Carpentry .. .. .	Numbers	223
(b) Blacksmithy .. .. .	Do.	127
(c) Carpentry-cum-Blacksmithy .. .. .	Do.	122

14 Cinema Theatres in Panchayat Union Area—

(a) Permanent	..	..	..	Numbers	725
(b) Temporary	..	..	..	Do.	834

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Source : Director of Rural Development, Madras.

TABLE 21.4

NUMBER OF BENEFICIARIES UNDER INTEGRATED RURAL DEVELOPMENT PROGRAMME  
IN TAMIL NADU.  
1988-89

<i>Serial number.</i>	<i>District.</i>	<i>Number of Beneficiaries.</i>
(1)	(2)	(3)
1	Chengai-Anna .. .. .	18,377
2	South Arcot .. .. .	23,538
3	North Arcot-Ambedkar and Thiruvanna- malai-Sambuvarayar	22,655
4	Salem .. .. .	21,316
5	Dharmapuri .. .. .	9,314
6	Periyar .. .. .	16,067
7	Coimbatore .. .. .	12,512
8	The Nilgiris .. .. .	2,368

9	Thanjavur	..	..	..	..	..	31,173
10	Tiruchirappalli	..	..	..	..	..	22,272
11	Pudukkottai	..	..	..	..	..	7,936
12	Madurai	..	..	..	..	..	10,715
13	Dindigul-Quaid-e-Milleth	..	..	..	..	..	10,819
14	Ramanathapuram	..	..	..	..	..	7,159
15	Kamarajar	..	..	..	..	..	6,495
16	Pasumpon Thevar Thirumagan	..	..	..	..	..	6,153
17	Tirunelveli-Kattabomman	..	..	..	..	..	13,180
18	Chidambaranar	..	..	..	..	..	8,475
19	Kanniyakumari	..	..	..	..	..	6,319
	TOTAL	..	..	..	..	..	<u>2,56,843</u>

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*Source :* Director of Rural Development, Madras.

## 22. EMPLOYMENT

TABLE 22.1

WORKING FO EMPLOYMENT EXCHANGES—1988-89

<i>Type of Employment Exchanges.</i>	<i>Number of offices.</i>	<i>Registration during the year.</i>	<i>Placements during the year.</i>	<i>Number on the Live Register at the end of the year.</i>	<i>Number of vacancies notified during the year</i>
(1)	(2)	(3)	(4)	(5)	(6)
1. District Employment Office, .. ..	23	4,56,570	37,999	22,72,413	45,869
2. Sub-Employment Office	6	30,598	2,480	1,58,713	6,747
3. Professional and Executive Employment Office.	1	24,717	2,680	71,869	5,004

4. Special Employment Office for Physically Handicapped, Madras.	1	1,780	254	9,596	71
5. District Employment Office (Technical Personnel).	5	35,548	4,415	1,46,834	3,986
6. University Employment Information and Guidance Bureau.	3	..	..	..	..
Total ..	39	5,49,213	47,828	26,59,425	61,677

*Source* : Director of Employment and Training Madras.

TABLE 22.2.  
EMPLOYMENT IN PUBLIC SECTOR 1988—89

<i>Serial number and Branches</i>	<i>Number.</i>
(1)	(2)
1 Central Government .. .. .	2,45,598
2 State Government .. .. .	5,90,596
3 Central Government (Quasi) .. .. .	1,85,875
4 State Government (Quasi) .. .. .	3,60,013
5 Local Bodies .. .. .	1,58,720
<b>Total</b> ..	<b>15,40,802</b>

Source : Director of Employment and Training, Madras.



TABLE 22.3.

## EMPLOYMENT BY INDUSTRIAL DIVISIONS 1988-89

<i>Industrial Division.</i>	<i>Public.</i>		
	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
(1)	(2)	(3)	(4)
0 Agriculture, Hunting, Forestry and Fishing	29,144	4,473	33,617
1 Mining and Quarrying .. .. .	26,226	2,561	28,787
2 and 3. Manufacturing .. .. .	1,16,294	6,488	1,22,782
4 Electricity, Gas and Water .. .. .	73,613	3,264	76,877
5 Construction .. .. .	51,048	4,479	55,527
6 Wholesale and Retail trade, Restaurants and hotel.	34,895	3,130	38,025
7 Transport Storage and Communications..	2,70,622	16,364	2,86,986
8 Financing, Insurance, Real Estate and Business Service.	1,08,908	13,750	1,22,658
9 Community Social and Personal Services	5,37,479	2,38,064	7,75,543
Total ..	<u>12,48,229</u>	<u>2,92,573</u>	<u>15,40,802</u>

TABLE 22.3—cont.

<i>Industrial Division.</i>	<i>Private.</i>		<i>Total.</i>
	<i>Male.</i>	<i>Female.</i>	
(1)	(5)	(6)	(7)
O. Agriculture, Hunting, Forestry and Fishing	26,165	33,507	59,672
1 Mining and Quarrying .. .. .	4,417	952	5,369
2 and 3. Manufacturing .. .. .	3,50,880	79,726	4,30,606
4 Electricity, Gas and Water .. .. .	837	11	848
5 Construction .. .. .	4,450	454	4,904
6 Wholesale and Retail trade, Restaurants and hotels.	39,637	2,512	42,149

7 Transport, Storage and Communications ..	8,187	260	8,447
8 Financing, Insurance, Real Estate and Business Services.	12,611	1,322	13,933
9 Community Social and Personal Services	75,861	46,862	1,22,723
Total ..	<u>5,23,045</u>	<u>1,65,606</u>	<u>6,88,651</u>

*Source:* Director of Employment and Training, Madras.

TABLE 22.4.

PLACEMENTS MADE BY TAMIL NADU PUBLIC SERVICE, COMMISSION, RAILWAY RECRUITMENT BOARD, STAFF SELECTION COMMISSION AND BANKING SERVICE RECRUITMENT BOARD—1988-89.

Serial number and Category.	Number of qualified applicants. for oral examination.			
	S.C./S.T.	B.C.	O.C.	Total.
(1)	(2)	(3)	(4)	(5)

A. Tamil Nadu Public Service Commission—

(a) State Service :

1 Inspectrees of Girls—School. Educational Service.	—	5	..	5
2. Automobile Engineer in the Motor Vehicle Maintenance Department.	..	9	—	9

3. Electricals Engineer in the Tamil Nadu Highways and Rural Works Department.	..	1	0	11
4. Assistant Director of Statistics in the Tamil Nadu Statistical Service.	..	12	..	12
5. District Munsif in the Tamil Nadu Judicial Service.	135	1,159	147	1,441
6. Medical Officer (Homoeopathy) Tamil Nadu Medical Service	13	79	27	119
7. Assistant Surgeon in the Tamil Nadu Medical Service.	530	1,331	938	2,799

TABLE 22.4—cont.

Category.	Number selected.			
	S.C./S.T.	B.C/BS.	O.C.	Total.
(1)	(6)	(7)	(8)	(9)
<b>STATE SERVICE</b>				
1. Inspectress of Girls—School Educational Service.	..	1	..	1
2. Automobile Engineer in the Motor Vehicle Maintenance Department.	..	1	..	1
3. Electronics Engineer in the Tamil Nadu Highways and Rural Works Department.	..	1	..	1
4. Assistant Director of Statistics in the Tamil Nadu Statistical Service.	..	1	..	1

5. District Munsif in the Tamil Nadu Judicial Service.	24	91	13	12	8
6. Medical Officer (Homoeopatey) Tamil Nadu Medical Service	2	11	2		15
7. Assistant Surgeon in the Tamil Nadu Medical Service.	264	1,007	195		1,466

TABLE 22.4—cont.

Serial number and Category.	Number of qualified applicants for oral examination.			
	SC/ST.	BC.	OC.	Total.
(1)	(2)	(3)	(4)	(5)
<i>Subordinate Service :</i>				
1 Electrical Foreman in the Geology and Mining Department.	—	6	3	9
2 Assistant Curator National Art Gallery Govern- ment Museum.	2	18	2	22
3 Graduate Teacher in Science and Mathe- matics in the College of Architecture, Mamalla- puram.	—	5	2	7



4 Assistant Geologist in the Geology and Mining Department.	1	99	17	117
5 Unit Manager in the Tamil Nadu Film Division	..	8	4	12
6 Camera Assistant, Grade I in the Film and Television Institute.	..	4	1	5
7 Research Assistant (Botany) Tamil Nadu Fisheries Subordinate Service	8	18	5	31

*B. Railway Recruitment Board*

1 Trainee Commercial Clerk	}
2 Office Clerk Grade II ..	
3 Trainee Ticket Collector ..	
4 Account Clerk II ..	
5 Trainee Clerk .. ..	
6 Material Grade II ..	

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TABLE 22.4—cont.

<i>Serial number and Category.</i>	<i>Number of qualified applicants for oral examination.</i>			<i>Total.</i>
	<i>SC/ST.</i>	<i>BC.</i>	<i>OC.</i>	
(1)	(2)	(3)	(4)	(5)
7 Assistant Dialysis Technician (Renal).	..	1	..	1
8 Dialysis Technician (Renal).	..	1	..	1
9 Pump Technician ..	..	2	..	2
10 Laboratory Supdt. Grade I.	..	3	..	3
11 Laboratory Supdt. Grade III.	..	6	..	6
12 Staff Nurse .. ..	..	16	..	16
13 Pharmacist .. ..	..	32	..	32

14	Health and Malaria Inspector, Grade IV.	..	13	..	13
15	Depot Store Keeper Grade III.	..	16	..	16
16	App. Junior Chemical and Metallurgical Assistant.	..	8	..	8
17	App. Chemical and Metallurgical Assistant.	..	16	..	16
18	Prosecuting Inspr. Grade II	..	3	..	3
19	Law Assistant .. ..	..	11	..	11
20	Hindi Typist .. ..	..	20	..	20
21	Traffic Apprentice .. }	..	30*	..	30
22	Commercial Apprentice .. }				
23	Junior Hindi Stenographer.	..	15	..	15
24	Hindi Assistant Grade II ..	..	49	..	49

\*Combined exam held

TABLE 22.4—cont.

<i>Serial number and Category.</i>	<i>Number of qualified applicants for oral examination.</i>			
	<i>SC/ST</i>	<i>BC.</i>	<i>OC.</i>	<i>Total.</i>
(1)	(2)	(3)	(4)	(5)
25 Teacher Grade IV (Tamil Medium).	..	13	..	13
26 Teacher Grade IV (English Medium).	..	10	..	10
27 Assistant Driver/Electrical.	..	77	..	77
28 Trainee Assistant Station Master.	..	712	..	712
29 Catering Supervisor Grade I	..	11	..	11

C. Staff Selection Commission—

22,510

—

49,618

75,743

D. Banking Service Recruitment  
Board—

1 Clerical Cadre .. .. 1,038

—4,058—

Separate  
figures  
Not  
available.

5,096

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TABLE 22.4—*cont.*

Category.	Number selected.			
	SC./ST.	B,C./E.S.	O.C.	Total
(1)	(6)	(7)	(8)	(9)

(b) *Subordinate Service.*

1. Electrical Foreman in the Geology and Mining Department.	..	..	1	1
2. Assistant Curator National Art Gallery Government Museum.	..	1	..	1
3. Graduate Teacher in Science and Mathematics in the College of Architecture, Mamallapuram.	..	..	1	1

4. Assistant Geologist in the Geology and Mining Department.	..	4	..	4
5. Unit Manager in the Tamil Nadu Film Division.	..	2	1	3
6. Camera Assistant, Grade I in the Film and Television Institute.	..	1	..	1
7. Research Assistant (Botany Tamil Nadu Fisheries Subordinate Service.	..	1	1	2

**B. Railway Recruitment Board—**

1. Trainee Commercial Clerk	..	30	..	30
2. Office Clerk Grade II	..	41	..	41
3. Trainee Ticket Collector	..	14	..	14
4. Accounts Clerk Grade II	..	7	..	7
5. Trains Clerk	..	6	..	6

TABLE 22.4—cont.

Category.	Number selected.			Total.
	SC./ST.	B.C./E.S.	O.C.	
1)	(6)	(7)	(8)	(9)
6. Material Clerk Grade II	..	1	..	1
7. Assistant Dialysis Technician (Renal).	..	..	1	1
8. Dialysis Technician (Renal)	1	..	..	1
9. Pump Technician	..	..	1	1
10. Laboratory Superintendent Grade I.	..	..	1	1
11. Laboratory Superintendent Grade III.	..	..	2	2
12. Staff Nurse	6	..	..	6



13. Pharmacist	3	1	10	14
Health and Malaria Inspector Grade IV.	2	..	3	5
15. Depot Store Keeper Grade III.	1	..	4	5
16. Apprentice Junior Chemical and Metallurgical Assistant.	..	..	3	3
17. Apprentice Chemical and Metallurgical Assistant.	..	..	6	6
18. Prosecuting Inspector Grade II.	..	1	..	1
19. Law Assistant.	1	1	2	4
20. Hindi Typist.	..	..	3	3
21. Traffic Apprentice	1	..	1	2
22. Commercial Apprentice	2	..	7	9

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TABLE 22.4—cont.

Category.	Number selected.			Total.
	SC./ST.	B.C./E.S.	O.C.	
(1)	(6)	(7)	(8)	(9)
23. Junior Hindi Stenographer.	1	..	1	2
24. Hindi Assistant Grade II	4	..	15	19
25. Teacher Grade IV (Tamil Medium).	2	..	2	4
26. Teacher Grade IV (English Medium).	4	..	..	4
27. Assistant Driver / Electrical	5	1	11	17
28. Trainee Assistant Station Master.	64	17	78	159
29. Catering Grade I. Supervisor	2	..	2	4

<i>C. Staff Selection Commission.</i>	239	1,239	1,478
<i>D. Banking Service Recruitment Board—</i>			
1. Clerical Cadre	235	528 Separate figure not available.	763

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*Source* :—Tamil Nadu Public Service Commission, Madras ,  
Railway Recruitment Board, Madras,  
Staff Selection Commission, Madras and  
Banking Services Recruitment Board, Madras.

TABLE 22.5.  
OVERSEAS EMPLOYMENT.

<i>Serial number.</i>	<i>Type of Employment Exchanges.</i>	<i>Year.</i>	<i>Number of persons on the Live Register in the beginning of this year.</i>	<i>Number of persons registered during the year.</i>	<i>Placements during the year.</i>	<i>Number of persons remaining at the end of the year.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Overseas Manpower Corporation Limited, Madras-600 004.	1987-88	3,858	7,165	212	10,813
		1988-89	10,813	4,435	310	14,938

Source : Chairman and Managing Director, Overseas Manpower Corporation Limited, Madras.

## 23. HOUSING AND BUILDING ACTIVITY.

TABLE 23.1.

DWELLING UNITS CREATED IN NEW CONSTRUCTIONS UNDER PUBLIC AND PRIVATE SECTORS BY ROOM UNITS 1987-88.

<i>Room unit size.</i>	<i>Public Sector.</i>	<i>Private Sector.</i>
(1)	(2)	(3)
1. One Room Unit .. .. .	13,139	1,835
2. Two Room Units .. .. .	4,534	3,035
3. Three Room Units .. .. .	714	2,476
4. Four or more Room Units .. .. .	1,035	2,066
Total ..	19,422	9,412

*Source* : Director of Statistics, Madras.

TABLE 23.2.  
BUILDING PERMITS SANCTIONED BY LOCAL BODIES 1987-88.

<i>Authority sanctioning permits.</i>	<i>Number sanctioned.</i>
(1)	1987-88.
(1)	(2)
1. Corporation (Madras) .. .. .	5,728
2. All Municipalities (including Coimbatore and Madurai Corporations).	21,211
3. Town Panchayats (Having Population of 10,000 and above)	11,141
Total .. ..	38,080

Source : Director of Statistics, Madras.

TABLE 23.3.

AMOUNT INVESTED IN HOUSING AND BUILDING ACTIVITY UNDER PUBLIC SECTOR  
1987-88.

<i>Year.</i>	<i>Residential Rs. in '000'</i>	<i>Percentage in total.</i>	<i>Non- Residential Rs in '000'</i>	<i>Percentage to total.</i>	<i>Total Rs. in '000'</i>
(1)	(2)	(3)	(4)	(5)	(6)
1987-88	3,21,221	50.80	3,11,076	49.20	6,32,297

*Source:* Director of Statistics, Madras.

**TABLE 23.4.**  
**CONSTRUCTION ACTIVITY OF TAMIL NADU HOUSING BOARD**  
 1988-89.

<i>Name of the Scheme.</i>	<i>Number</i>
(1)	(2)
1. Low Income Group Housing Scheme Flats .. .. .	1,727
2. Middle Income Group Housing Schemes .. .. .	4,063
3. Slum Improvements/Clearance Tenements .. .. .	96
4. Tamil Nadu Government Rental Housing Flats .. .. .	1,214
5. Subsidised Industrial Housing Tenements .. .. .	..
6. Fire Proof Tenements .. .. .	..
7. Special Low Cost Housing Scheme (EWS) .. .. .	9,300
8. Police .. .. .	..

*Source :* Tamil Nadu Housing Board, Madras.



**TABLE 23.5.**  
**CONSTRUCTION ACTIVITY OF TAMIL NADU SLUM CLEARANCE BOARD**  
**1987-88**

<i>Item.</i>	1985-86	1986-87	1987-88
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>
1. Number of Tenements sanctioned for construction.	1,720	688	1,000
2. Number of Tenements constructed ..	512	688	1,000
3. Amount sanctioned (Rs. in lakhs) ..	284.64	175	200
4. Amount Spent (Rs. in lakhs) .. ..	252.72	175	200
5. Number of Tenements Occupied ..	120	688	1,000
6. Rent Received (Rs. in lakhs) .. ..	110.64	162.36	146.41

*Source :* Slum Clearance Board, Madras.

**TABLE 23.6.**  
**INDEX NUMBER OF BUILDING COST IN MADRAS CITY, 1988-89**

<i>Group.</i>				1986-87	1987-88
(1)				(2)	(3)
1. Building Materials	..	..	..	179.68	184.45
2. Building Labour	..	..	..	232.29	242.13
3. Other Charges	..	..	..	186.07	190.80
Building Cost Index	..	..	..	192.52 or 193	198.48

TABLE 23.6—cont.

<i>Group.</i>	<i>Quarter Ended 1988-89.</i>			
	<i>June</i>	<i>September</i>	<i>December</i>	<i>March 89</i>
(1)	(4)	(5)	(6)	(7)
1. Building Materials ..	135.82	208.45	222.25	231.62
2. Building Labour ..	242.38	242.38	242.38	242.41
3. Other Charges ..	193.46	207.86	215.24	220.80
Building Cost Index ..	199.46	216.24	228.25	232.50

*Source* : Director of Statistics, Madras.

## 24. INSTITUTIONAL FINANCE

TABLE 24.1.

## NUMBER OF COMMERCIAL BANK OFFICES IN INDIA.

<i>Bank Group.</i>	<i>New offices opened during half year June 1986.</i>		<i>Total offices as on 30th June 1986</i>	<i>Offices opened during half year 31st December 1986.</i>		<i>Offices as on 31st December 1986.</i>
	<i>B</i>	<i>UB</i>		<i>B</i>	<i>UB</i>	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
State Bank of India.	26	11	7,450	4	2	7,467
Associate Bank of SBI,	6	2	3,365	1	..	3,366
Nationalised Banks.	66	34	25,248	36	10	25,431

Other Scheduled Commercial Banks (Private Sector Banks).	5	..	4,298	4	..	4,159
Foreign Banks	..	..	136	1	..	136
Regional Rural Banks.	127	109	12,729	69	62	12,799
Non-Scheduled Commercial Banks.	..	..	39	..	..	39
Total ..	230	156	53,265	115	74	53,397

TABLE 24.1—cont.

<i>Bank Group.</i>	<i>Offices opened during half year 30th June 1987.</i>		<i>Offices as on 30th June 1987.</i>	<i>Offices opened during half year 31st December 1987.</i>		<i>Offices as on 31st December 1987.</i>
	<i>B</i>	<i>UB</i>		<i>B</i>	<i>UB</i>	
(1)	(8)	(9)	(10)	(11)	(12)	(13)
State Bank of India.	6	5	7,474	63	57	7,537
Associate Banks of SBI.	1	..	3,362	59	50	3,421
Nationalised Banks.	218	200	25,618	442	411	26,080

<b>Other Scheduled Commercial Banks (Private Sector Banks).</b>	9	8	4,158	27	24	4,182
<b>Foreign Banks</b>	..	..	136	..	..	136
<b>Regional Rural Banks.</b>	238	234	13,053	277	277	13,341
<b>Non-Scheduled Commercial Banks.</b>	..	..	39	..	..	39
<b>Total ..</b>	472	447	53,840	868	819	54,736

TABLE 24.1—cont.

<i>Bank Group.</i>	<i>Offices opened during half year 30th June 1988.</i>		<i>Offices as on 30th June 1988.</i>	<i>Offices opened during half year 31st December 1988.</i>		<i>Offices as 31st December 1988</i>
	<i>B</i>	<i>UB</i>		<i>B</i>	<i>UB</i>	
(1)	(14)	(15)	(16)	(17)	(18)	(19)
State Bank of India.	102	86	7,643	199	131	7,841
Associate Banks of SBI.	25	15	3,445	72	49	3,517
Nationalised Banks.	288	209	26,407	698	520	27,164



Other Scheduled Commercial Banks (Private Sector Banks).	26	21	4,176	51	16	4,227
Foreign Banks	..	..	136	..	..	136
Regional Rural Banks.	210	201	13,568	364	359	13,932
Non-Scheduled Commercial Banks.	..	..	39	..	..	39
Total ..	651	532	55,414§§	1,384	1,075	56,796£££

§§ Revised figures.

£££ After adjustment of offices closed.

'B'—Total offices opened. 'UB'—of which at unbanked centres.

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Source.—Reserve Bank of India, Bombay.

TABLE 24.2.  
DEPOSITS OF SCHEDULED COMMERCIAL BANKS

<i>Type of Deposits.</i>	<i>June 1985.</i>		<i>December 1985.</i>	
	<i>Number of Accounts.</i>	<i>Amount (Rs. in lakhs).</i>	<i>Number of Accounts.</i>	<i>Amount (Rs. in lakhs).</i>
(1)	(2)	(3)	(4)	(5)
1. Current .. ..	11,28,310	91,860	11,70,691	84,121
2. Savings .. ..	1,28,50,903	1,30,109	1,34,85,048	1,34,148
3. Term.. ..	65,47,265	2,94,906	66,49,813	3,21,108
Total .. ..	2,05,26,478	5,16,875	2,13,05,552	5,39,377

TABLE 24.2—*cont.*

<i>Type of Deposits.</i>	<i>June 1986</i>		<i>December 1986</i>	
	<i>Number of Accounts.</i>	<i>Amount (Rs. in lakhs).</i>	<i>Number of Accounts.</i>	<i>Amount (Rs. in lakhs).</i>
(1)	(4)	(5)	(6)	(7)
1. Current .. ..	11,91,083	87,545	11,71,028	96,128
2. Savings .. ..	1,41,16,394	1,41,895	1,47,85,643	1,56,968
3. Term .. ..	56,05,630	3,51,359	56,92,402	3,91,993
Total .. ..	2,09,13,107	5,80,799	2,16,49,073	6,45,089

Source : Reserve Bank of India, Bombay.

**TABLE 24.3.**  
**OCCUPATION-WISE CLASSIFICATION OF OUTSTANDING CREDITS OF SCHEDULED**  
**COMMERCIAL BANKS.**

				June 1985.	
<i>Occupation.</i>				<i>Number of Accounts.</i>	<i>Amount outstanding (Rs. in '000')</i>
(1)				(2)	(3)
<i>A. Agriculture—</i>	..	..	..	20,45,706	69,13,960
1. Direct Finance	..	..	..	20,13,122	64,64,433
2. Indirect Finance	..	..	..	32,584	4,49,527
<i>B. Industry—</i>	..	..	..	1,90,284	2,02,31,703
1. Mining and Quarrying	..	..	..	838	1,66,119

2. Food Manufacturing and Processing— .. ..	3,766	13,85,465
(a) Rice, flour and Dal mills .. ..	1,247	1,77,308
(b) Sugar .. ..	77	4,90,995
(c) Edible oils and Vanaspathi .. ..	705	1,06,898
(d) Tea processing .. ..	249	1,63,776
(e) Others .. ..	1,488	4,46,488
3. Beverage and Tobacco .. ..	488	2,01,165
4. Textiles— .. ..	9,937	37,91,387
(a) Cotton Textiles .. ..	4,617	28,38,644
(b) Jute Textiles .. ..	30	13,950
(c) Other Textiles .. ..	5,290	9,38,793
5. Paper, Paper Products and Printing .. ..	3,420	12,82,322
6. Leather and Leather Products .. ..	1,670	14,10,632
7. Rubber and Rubber Products .. ..	557	4,03,825

TABLE 24.3—cont.

<i>Occupation.</i>	<i>Number of Accounts.</i>	<i>Amount outstanding (Rs. in '000')</i>
(1)	(2)	(3)
8. Chemical and Chemical Products— .. ..	5,054	25,51,045
(a) Heavy Industrial Chemicals .. ..	387	3,30,845
(b) Fertilizers .. ..	340	10,28,086
(c) Drugs and Pharmaceuticals .. ..	663	2,03,069
(d) Others .. ..	3,664	9,89,045
9. Manufacture of Basic Minerals .. ..	189	1,55,661
10. Cement .. ..	268	1,63,951

11. Basic Metals and Metal Products—	..	..	..	4,271	12,83,402
(a) Iron and Steel	..	..	..	1,274	594,931
(b) Others	..	..	..	2,997	6,88,471
12. Engineering—	..	..	..	6,251	34,80,742
(a) Heavy Engineering	..	..	..	950	13,72,366
(b) Light Engineering	..	..	..	3,227	909,2,10
(c) Others	..	..	..	2,074	11,99,166
13. Vehicles, Vehicle Parts and Transport Equipment	..	..	..	1,810	18,26,477
14. Others	..	..	..	1,50,107	17,84,868
15. Electricity	..	..	..	90	93,379
16. Construction	..	..	..	1,068	2,51,263

TABLE 24.3—cont.

<i>Occupation.</i>	<i>Number of Accounts.</i>	<i>Amount Outstand- ing. (Rs.in000)</i>
(1)	(2)	(3)
<i>C. Transport Operators—</i>	33,490	14,23,144
<i>D. Personal loans and Professional services—</i>	5,96,103	35,18,404
(1) Professional Services .. .. .	39,782	4,48,925
(2) Other Services .. .. .	1,87,985	12,98,002
(3) Loans for Purchase of Consumer Durable ..	55,428	1,20,551
(4) Rest of the Personal Loans .. .. .	2,12,908	16,50,926
<i>E. Trade—</i>	3,05,631	65,04,167
(1) Wholesale Trade .. .. .	19,739	50,25,038
(2) Retail Trade .. .. .	2,85,892	14,79,079



<b>F. All Others—</b>	<b>7,41,175</b>	<b>38,49,703</b>
<b>Total Bank Credit (A + B + C + D + E + F)</b>	<b>39,12,389</b>	<b>4,24,41,081</b>
<b>Of Which : Small-Scale Industry</b>	<b>1,71,940</b>	<b>66,57,076</b>

TABLE 24.3.—*cont.*

December 1985.

<i>Occupation.</i>	<i>Number of Accounts.</i>	<i>Amount Outstand- ing. (Rs. in 000)</i>
(1)	(2)	(3)
<i>A. Agriculture—</i>		
.. .. .	2,091,131	7,498,502
(1) Direct Finance .. .. .	20,56,169	70,29,407
(2) Indirect Finance .. .. .	34,962	4,69,095
<i>B. Industry—</i>		
.. .. .	1,86,746	2,10,76,619
(1) Mining and Quarrying .. .. .	543	2,26,070

(2) <i>Food Manufacturing and Processing</i> .. ..	3,872	12,80,134
(a) Rice, flour and Dal mills .. ..	1,269	1,75,684
(b) Sugar .. ..	74	3,53,013
(v) Edible oils and Vanaspathi .. ..	702	99,415
(d) Tea processing .. ..	295	1,96,479
(e) Others .. ..	1,532	4,55,543
(3) <i>Beverage and Tobacco</i> .. ..	523	2,46,814
4. <i>Textiles—</i> .. ..	9,896	3,77,2,700
(a) Cotton Textiles .. ..	4,737	27,87,427
(b) Jute Textiles .. ..	27	5,431
(c) Other Textiles .. ..	5,132	9,79,842
5. <i>Paper, Paper Products and Printing</i> .. ..	3,559	11,20,212
6. <i>Leather and Leather Products</i> .. ..	1,787	15,48,189
7. <i>Rubber and Rubber Products</i> .. ..	603	296,371

TABLE—24.3 cont.

<i>Occupation.</i>	<i>Number of Account</i>	<i>Amount Outstand- ing. (Rs. in 000)</i>
(1)	(2)	(3)
8. <i>Chemical and Chemical Products</i> .. ..	5,179	2,713,423
(a) <i>Heavy Industrial Chemicals</i> .. ..	400	,426,617
(b) <i>Fertilizers</i> .. ..	357	12,03,485
(c) <i>Drugs and Pharmaceuticals</i> .. ..	694	1,98,656
(d) <i>Others</i> .. ..	3,728	8,84,665
9. <i>Manufacture of Basic Minerals</i> .. ..	182	1,53,605
10. <i>Cement</i> .. ..	240	1,96,197

11. <i>Basic Metal and Metal Products</i>	..	..				4,398	10,15,243
(a) Iron and Steel	..	..	..	..	..	1,290	6,62,415
(b) Others	..	..	..	..	..	3,108	3,52,828
12. <i>Engineering—</i>	..	..	..	..	..	6449	41,01,705
(a) Heavy Engineering	..	..	..	..	..	1,024	18,93,432
(b) Light Engineering	..	..	..	..	..	3,270	9,51,520
(c) Other	..	..	..	..	..	2,155	12,56,753
13. <i>Vehicles, Vehicle Parts and Transport Equipment</i>						1,881	21,65,574
14. <i>Others</i>	..	..	..	..	..	146,440	18,89,777
15. <i>Electricity</i>	..	..	..	..	..	107	93,837
16. <i>Construction</i>	..	..	..	..	..	1,087	2,56,768

TABLE 24.3—cont.

<i>Occupation.</i>	<i>Number of Account.</i>	<i>Amount Outstand- ing (Rs. in 000)</i>
(1)	(2)	(3)
C. Transport Operators .. .. .	34,124	1,412,559
D. Personal Loans and Professional Services ..	605,938	3,770,003
1. Professional Services .. .. .	150,623	485,635
2. Other Services .. .. .	193,725	1,423,045
3. Loans for Purchase of Consumer Durables ..	52,515	126,975
4. Rest of the Personal Loans .. .. .	209,075	1,734,348

E. Trade—	..	..	..	..	..	303,223	6,591,345
1. Wholesale Trade	..	..	..	..	..	19,933	5,064,795
2. Retail Trade	..	..	..	..	..	303,290	1,526,550
F. All others—	..	..	..	..	..	760,641	4,009,302
Total Bank Credit (A+B+C+D+E+F)	..				..	4,001,803	44,358,330
OF which : Small-Scale Industry	..			..	..	165,267	6,291,434

TABLE 24.3—*cont.*

JUNE 1986.

	<i>Occupation.</i>					<i>Number of Accounts.</i>	<i>Amount Outstanding, (Rs. in ' 000 ')</i>
	(1)						
<b>A. Agriculture</b>	..	..	..	..	..	21,55,939	8,120,996
1. Direct Finance	..	..	..	..	..	2,120,492	7,612,969
2. Indirect Finance	..	..	..	..	..	35,447	508,027
<b>B. Industry—</b>	..	..	..	..	..	218,105	23,543,355
1. Mining and Quarrying	..	..	..	..	..	491	240,586



2. Food Manufacturing and Processing	..	..	..	3,951	1,863,015
(a) Rice, flour and Dal mills	..	..	..	1,250	192,897
(b) Sugar	..	..	..	66	635,898
(c) Edible oils and Vanaspathi	..	..	..	759	109,144
(d) Tea processing	..	..	..	292	234,550
(e) Others	..	..	..	1,584	690,526
3. Beverage and Tobacco	..	..	..	532	284,990
4. Textiles	..	..	..	10,089	3,892,209
(a) Cotton Textiles	..	..	..	4,883	2,942,335
(b) Jute Textiles	..	..	..	27	23,984
(c) Other Textiles	..	..	..	5,179	925,890
5. Paper, Paper Products and printing	..	..	..	3,784	1,236,859
6. Leather and Leather Products	..	..	..	1,865	1,592,120
7. Rubber and Rubber Products	..	..	..	628	233,818

TABLE 24.3—cont.

JUNE 1986.

<i>Occupation.</i>						<i>Number of Accounts.</i>	<i>Amount Outstanding (Rs. in '000')</i>
(1)						(2)	(3)
8. Chemical and Chemical Products	...	...				5,358	2,802,983
(a) Heavy Industrial Chemicals	..	..	..	..	..	425	422,868
(b) Fertilizers	..	..	..	..	..	325	1,226,118
(c) Drugs and Pharmaceuticals :	..	..	..	..	..	727	210,573
(d) Others	..	..	..	..	..	3,881	943,424
9. Manufacture of Basic Minerals	..	..	..	..	..	162	73,957
10. Cement	..	..	..	..	..	294	170,113

11. Basic Metals and Metal Products	..	..				4,893	1,599,444
(a) Iron and Steel	..	..	..	..	..	14,24	691,459
(b) Others	..	..	..	..	..	3,469	907,985
12. Engineering	..	..	..	..		6,807	4,409,137
(a) Heavy Engineering	..	..	..	..		1,033	1,970,757
(b) Light Engineering	..	..	..	..		3,372	1,052,855
(c) Others	..	..	..	..	..	2,402	1,385,525
13. Vehicles, Vehicle Parts and Transport Equipment.						1,834	2,249,836
14. Others	..	..	..	..	..	176,160	25,81,471
15. Electricity	..	..	..	..	..	112	95,949
16. Construction	..	..	..	..	..	1,145	216,868

TABLE 24.3—cont.

<i>Occupation.</i>	<i>Number of Accounts.</i>	<i>Amount Outstanding (Rs. in '000')</i>
(1)	(2)	(3)
C. Transport Operators .. .. .	39,945	1,479,107
D. Personal Loans and Professional Services ..	614,192	4,265,830
1. Professional Services .. .. .	157,239	563,972
2. Other Services .. .. .	197,354	1,534,123
3. Loans for Purchase of Consumer Durables ..	47,513	127,083
4. Rest of the Personal Loans .. .. .	212,086	2,040,652

E. Trade—	..	..	..	..	353,420	7,478,999
1. Wholesale Trade	..	..	..	..	21,975	5,728,419
2. Retail Trade	..	..	..	..	331,445	1,750,580
F. All others	..	..	..	..	783,801	4,677,354
Total Bank Credit (A+B+C+D+E+F)	..				4,165,402	49,565,641
of which : Small-Scale Industry	..	..			173,191	6,988,194

TABLE 24.3—cont.

DECEMBER 1986.

<i>Occupation.</i>	<i>Number of Accounts</i>	<i>Amount outstanding Rupees in '000'</i>
(1)	(2)	(3)
<b>A. Agriculture—</b>	2,438,089	9,583,884
1. Direct Finance .. .. .	2,404,273	8,944,906
2. Indirect Finance .. .. .	33,816	638,978
<b>B. Industry—</b>	231,918	27,285,164
1. Mining and quarrying: .. .. .	462	261,131

2. Food Manufacturing and Processing	..	..	..	..	3,963	1,364,437
(a) Rice, flour and Dal mills	..	..	..	..	1,231	177,996
(b) Sugar	..	..	..	..	71	397,195
(c) Edible oils and Vanaspathi	..	..	..	..	769	123,107
(d) Tea processing	..	..	..	..	271	193,421
(e) Others	..	..	..	..	1,621	472,718
3. Beverage and Tobacco	..	..	..	..	576	333,923
4. Textiles	..	..	..	..	10,650	4,505,161
(a) Cotton Textiles	..	..	..	..	5,198	3,422,620
(b) Jute Textiles	..	..	..	..	25	6,277
(c) Other Textiles	..	..	..	..	5,427	1,076,264
5. Paper, Paper Products and printing	..	..	..	..	3,882	1,291,923
6. Leather and Leather Products	..	..	..	..	1,892	2,105,511
7. Rubber and Rubber products	..	..	..	..	704	361,471

TABLE 24.3—cont.

<i>Occupation.</i>	<i>Number of Accounts.</i>	<i>Amount Outstanding (Rs. in '000')</i>
(1)	(2)	(3)
8. Chemical and Chemical Products .. ..	5,530	4,093,222
(a) Heavy Industrial Chemicals .. ..	435	658,143
(b) Fertilizers .. .. .	284	2,079,875
(c) Drugs and Pharmaceuticals .. ..	698	225,079
(d) Others .. .. .	4113	1,130,125
9. Manufacture of Basic Minerals .. ..	178	191,852
10. Cement .. .. .	307	353,926



11. Basic Metals and Metal Products	..	..	5,019	1,779,593
<i>a</i> ) Iron and Steel	..	..	1,508	787,134
<i>b</i> ) Others	..	..	3,511	992,459
12. Engineering:	..	..	7,083	5,168,434
<i>a</i> ) Heavy Engineering	..	..	1,054	2,554,925
<i>b</i> ) Light Engineering	..	..	3,552	1,044,534
<i>c</i> ) Others	..	..	2,477	1,568,975
13. Vehicles, Vehicle Parts and Transport Equipment			1,935	2,944,508
14. Others	..	..	188,444	2,107,083
15. Electricity	..	..	71	120,284
16. Construction	..	..	1,222	302,703

TABLE 24.3—cont.

<i>Occupation.</i>	<i>Number of Accounts,</i>	<i>Amount Outstand- ing. (Rs. in 000)</i>
(1)	(2)	(3)
C. Transport Operators .. .. .	39,963	1,538,252
D. Personal Loans and Professional Services ..	687,278	5,054,183
1. Professional Services .. .. .	175,143	648,422
2. Other Services .. .. .	224,703	1,845,684
3. Loans for Purchase of Consumer Durables ..	49,821	145,245
4. Rest of the Personal Loans .. .. .	237,611	2,414,832

E. Trade—	..	..	..	..	..	412,660	7,242,625
1. Wholesale Trade	..	..	..	..	..	24,393	5,225,395
2. Retail Trade	..	..	..	..	..	388,267	2,017,230
F. All others	..	..	..	..	..	888,129	5,536,347
Total Bank Credit (A+B+C+D+E+F)					..	4,698,037	56,240,45
Of which: Small-Scale Industry					..	191,780	7,511,575

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*Source : Reserve Bank of India, Bombay.*

TABLE 24.4.

**AGGREGATE DEPOSITS AND TOTAL CREDIT OF PUBLIC SECTOR BANKS AND THEIR  
ADVANCES TO PRIORITY SECTORS.**

<i>Item.</i>	<i>(As on the last Friday of June 1987).</i>	
	<i>Number of Accounts.</i>	<i>Amount, outstan- ding (Rupees in lakhs).</i>
(1)	(2)	(3)
<b>A. Advances to Agriculture—</b>		
1. Direct Finance .. .. .	1,69,03,006	9,29,950.30
2. Indirect Finance .. .. .	7,41,236	1,36,588.31
3. Total of (1) & (2) .. .. .	1,76,44,242	10,66,538.61
<b>B. Advance to—</b>		
4. Small Scale Industries Craftsmen and other qualified entrepreneurs.	20,41,294	19,30,914.22

5. Road and Water Transport Operator.	6,42,264	1,96,662.67
6. Retail Trade and Small Industries ..	53,52,420	2,35,646.73
7. Setting up of Industrial Estates ..	,2585	7,546.22
8. Professional and Self Employed ..	19,51,162	89,821.30
9. Education .. .. .	67,611	3,827.26
10. Others .. .. .	3,74,252	19,003.74
	<hr/>	<hr/>
Total ..	2,80,75,830	25,49,960.75
	<hr/>	<hr/>
Deposits of Public Sector Banks ..	..	..
Advances of Public Sector Banks. ..	..	..

*Source :* Reserve Bank of India, Madras.

## 25. INSURANCE.

TABLE 25.1

LIFE INSURANCE IN TAMIL NADU 1988-89.

<i>Item.</i>	<i>Office/Region.</i>	<i>Number.</i>
(1)	(2)	(3)
1. Offices	.. (a) Branch Offices .. ..	121
	(b) Sub-Office .. ..	..
	(c) Development Centre	..
2. Agents:		.. 1,923

### 3. Individual Business :

(a) Policies Issued	Rural	..	..	..	..	2,40,475
	Urban	..	..	..	..	3,19,565
	Total	..	..	..	..	5,60,040
(b) Sum Assured (Rs. in Crores)	Rural	..	..	..	..	503.46
	Urban	..	..	..	..	927.98
	Total	..	..	..	..	1,431.44

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Source : Life Insurance Corporation, of India, Bombay.

TABLE 25-2.

INVESTMENT OF THE LIFE INSURANCE CORPORATION OF INDIA.  
IN TAMIL NADU, 1988-89.

	<i>Item.</i>							<i>Rupees in Crores.</i>
	<i>(1)</i>							<i>(2)</i>
1 State Government Securities	..	..	..	..	..	..	..	26.36
2 Municipal Securities	..	..	..	..	..	..	..	..
3 Land Development Bank Debentures	..	..	..	..	..	..	..	11.89
4 State Electricity Board-Bonds	..	..	..	..	..	..	..	73.71
5 State Electricity Board-Loans	..	..	..	..	..	..	..	89.46
6 Tamil Nadu Industrial Investment Corporation-Bonds						..	..	8.34
7 Loans to State Government for Housing Schemes					..	..	..	58.49



8	Loans to Municipal Committees	.. .. .	65.51
9	Loans to Zilla Parishads for Rural piped water supply schemes	..	57.39
10	Loans to Apex Co-operative Housing Finance Society	.. ..	113.73
11	Loans to State Road Transport Corporation	.. .. .	9.35
12	Shares and Debentures of Companies (Including loans to companies)...		205.61
13	Tamil Nadu Housing Bonds	.. .. .	0.49
	<b>Total</b>		<b>720.33</b>

*Source :* Life Insurance Corporation of India, Bombay.

**TABLE 25-3.**  
**POSTAL LIFE INSURANCE, 1988-89.**

<i>Serial number and items.</i>	<i>Number.</i>
(1)	(2)
1. Number of Postal Life Insurance Development Offices .. ..	14
2. Number of Field Guides .. .. .	42
3. Individual Business (Gross)—	
(a) Policies Issued . . . . .	25,287
(b) Sum Assured (Rupees, in Lakhs) . . . . .	5,004.20

*Source* : Post Master General, Tamil Nadu Circle, Madras-2

POSTAL LIFE INSURANCE BUSINESS, 1988-89.

<i>Serial number.</i>	<i>Category.</i>	<i>Number, of Policies</i>	<i>Sum assured (Rupees in lakhs).</i>
(1)	(2)	(3)	(4)
<b>A I.A.—</b>			
1	Civil .. .. .	4,070	674.65
2	Union .. .. .	3,559	939.00
3	State-undertaking .. .. .	8,471	1410.15
4	Postal .. .. .	2,146	305.30
5	Bank .. .. .	420	226.08
6	Telecom .. .. .	575	115.05
7	Railway .. .. .	4,622	935.80
8	Military .. .. .	1,061	309.70

TABLE 25-4—cont.

<i>Serial number.</i>	<i>Category.</i>	<i>Number of Policies.</i>	<i>Sum assured. (Rupees in lakhs).</i>
(1)	(2)	(3)	(4)

## B A.E.A.—

1	Civil .. .. .	103	31.77
2	Union .. .. .	121	26.15
3	State-Undertaking .. .. .	36	7.00
4	Postal .. .. .	28	4.15
5	Bank .. .. .	40	12.30



## 26. PRICE INDICES

TABLE 26.1.

INDEX NUMBERS OF WHOLESALE PRICES.

(1970—71 = 100.)

	<i>Period.</i>				<i>All Commo- dities.</i>	<i>Primary Articles.</i>	<i>Fuel, Power and Light.</i>	<i>Manu- factured Products.</i>
	(1)				(2)	(3)	(4)	(5)
1985	..	..	..	..	343.28	358.59	435.09	324.98
1986	..	..	..	..	381.53	388.43	469.01	366.79
1987	..	..	..	..	419.16	431.77	476.42	399.84
1988—								
April	..	..	..	..	446.08	464.01	486.91	421.60
May	..	..	..	..	451.01	470.55	486.91	424.97
June	..	..	..	..	451.62	471.79	486.91	424.87

July	..	..	..	..	454.60	475.71	486.91	426.95
August	..	..	..	..	453.68	473.50	486.91	427.51
September	..	..	..	..	449.05	470.00	486.91	421.18
October	..	..	..	..	455.72	481.51	486.91	422.56
November	..	..	..	..	462.14	489.28	486.91	427.85
December	..	..	..	..	467.03	499.36	486.91	426.88
<b>1989—</b>								
January	..	..	..	..	463.59	491.15	488.99	428.74
February	..	..	..	..	469.40	497.56	495.23	433.81
March	..	..	..	..	461.57	480.48	495.23	436.45

*Source* : Director of Statistics, Madras.

**TABLE—26.2.**  
**CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.**

<i>Period.</i>	<i>Madras City.</i>		<i>Cuddalore.</i>		<i>Tiruchirappalli.</i>		<i>Salem</i>
	1960=100	1935—36 =100	1960=100	1935—36 =100	1960 =100	1935—36 =100	1982 =100
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1985	.. 615	2,927	614	2,892	637	2,834	..
1986	.. 668	3,177	679	3,199	708	3,152	..
1987	.. 735	3,498	776	3,657	777	3,457	..
<del>1988—</del>							
April	.. 783	3,727	817	3,848	816	3,631	..
May	.. 788	3,751	820	3,864	820	3,649	..
June	.. 799	3,803	833	3,923	807	3,591	..



July	812	3,865	854	4,022	816	3,631	.
August	811	3,860	853	4,018	826	3,676	..
September	819	3,898	839	3,952	803	3,573	..
October	832	3,960	851	4,008	808	3,596	168
November	848	168*	891	4,197	834	3,711	164
December	843	167*	891	4,197	883	177*	164
<b>1989—</b>							
January	843	167*	856	4,032	878	176*	168
February	843	167*	855	4,027	873	175*	163
March	838	166*	836	3,938	873	175*	163

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TABLE—26.2—cont.

Period.	Madurai.		Coimbatore.		Nagercoil.		Coonoor.	
	1960 =100	1935—36 =100	1960 100	1935—36 =100	1960 = 100	August 1939= 100	1960 =100	
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
1985	..	634	2,897	658	3,337	755	3,783	658
1986	..	686	3,134	706	3,580	810	4,056	692
1987	..	761	3,477	762	3,863	885	4,436	740
1988—								
April	..	802	3,665	818	4,147	906	4,539	783
May	..	823	3,761	819	4,152	918	4,599	788
June	..	834	3,811	827	4,193	953	4,775	790
July	..	827	3,779	851	4,315	957	4,795	800

August	..	830	3,798	855	4,335	968	4,825	802
September	..	835	3,816	852	4,320	929	4,654	810
October	..	864	164*	861	161*	927	4,644	816
November	..	870	165*	867	162*	936	4,689	830
December	..	901	171*	872	163*	963	4,825	830
<b>1989—</b>								
January	..	896	170*	867	162*	972	4,870	826
February	..	901	171*	867	162*	969	4,855	826
March	..	901	171*	867	162*	950	4,760	830

\* Base year 1982=100.

Source : Director of Statistics, Madras.

**TABLE 26.3.**  
**CONSUMER PRICE INDEX NUMBERS FOR URBAN NON-MANUAL EMPLOYEES.**  
 (1984—85=100)

<i>Period.</i>	<i>Madras.</i>	<i>Coimbatore.</i>	<i>Madurai.</i>	<i>Salem</i>	<i>Tiruchirappalli.</i>
(1)	(2)	(3)	(4)	(5)	(6)
1985 .. ..	599	..	605	..	602
1986 .. ..	655	..	662	..	655
1987 .. ..	724	..	706	..	708
<b>1988—</b>					
April .. ..	136	132	137	130	131
May .. ..	137	133	138	130	132
June .. ..	138	134	139	131	132
July .. ..	139	134	139	134	136

August	..	..	139	135	139	138	136
September	..	..	140	135	139	133	136
October	..	..	142	136	140	134	138
November	..	..	145	139	143	137	141
December	..	..	145	140	144	138	141
<b>1989—</b>							
January	..	..	146	140	145	138	143
February	..	..	145	140	144	138	143
March	..	..	145	140	143	138	143

**NOTE :** Base shifted from 1960=100 to 1984-85=100 from November 1987 onwards.

**Source :** Central Statistical Organisation, New Delhi.

TABLE 26.4.

## ALL INDIA AVERAGE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS

	<i>Period.</i>						<i>Index.</i>			
	(1)						1960=100	1982=100		
							(2)	(3)		
1985	..	..	..	..	..	..	608	..		
1986	..	..	..	..	..	..	661	..		
1987	..	..	..	..	..	..	719	..		
1988—										
April	..	..	..	..	..	..	763	..		
May	..	..	..	..	..	..	771	..		
June	..	..	..	..	..	..	782	..		
July	..	..	..	..	..	..	795	..		
August	..	..	..	..	..	..	800	..		

September	..	..	..	..	..	<b>806</b>	..
October ..	..	..	..	..	..	<b>823</b>	167
November	..	..	..	..	..	828	168
December	..	..	..	..	..	818	166
<b>1989—</b>							
January ..	..	..	..	..	..	<b>813</b>	165½
February	..	..	..	..	..	813	165
March ..	..	..	..	..	..	818	166

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*Source :* Director, Labour Bureau, Simla.

**TABLE 26.5**  
**INDEX NUMBERS OF PARITY.**  
 (1954-55=100)<sup>1</sup>

<i>Period.</i>							<i>Index Number of prices received by the farmer.</i>	<i>Index Numbers of prices paid by the farmer.</i>	<i>Index Numbers of parity.</i>	
(1)							(2)	(3)	(4)	
1985	..	..	..	..	..	..	723.38	1,138.48	68.56	
1986	..	..	..	..	..	..	715.10	1,198.90	59.64	
1987	..	..	..	..	..	..	784.62	1,286.17	60.99	
1988	—									
April	..	..	..	..	..	..	868.06	1,366.73	68.15	
May	..	..	..	..	..	..	868.97	1,375.75	69.18	



June	..	..	..	..	..	[873.19	1,409.69	61.94
July	..	..	..	..	..	[918.78	1,399.20	65.66
August	..	..	..	..	..	931.73	1,392.11	66.93
September	..	..	..	..	..	886.33	1,415.46	62.62
October	..	..	..	..	..	940.42	1,420.01	66.23
November	..	..	..	..	..	992.13	1,453.18	68.27
December	..	..	..	..	..	1013.85	1,464.09	69.25
<b>1989—</b>								
January	..	..	..	..	..	1000.43	1,403.26	71.29
February	..	..	..	..	..	996.15	1,447.41	66.75
March	..	..	..	..	..	917.38	1,453.27	63.13

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Source : Director of Statistics, Madras.

TABLE 26.6.

CONSUMER PRICE INDEX NUMBERS FOR SELECTED ESSENTIAL ITEMS IN RURAL  
TAMIL NADU.

(1970—71 = 100)

<i>Period.</i>			<i>Food.</i>	<i>Fuel and Lighting.</i>	<i>Clothing.</i>	<i>Others.</i>	<i>Compo- site Index.</i>
(1)			(2)	(3)	(4)	(5)	(6)
1985	..	..	331.21	402.88	284.72	351.34	335.07
1986	..	..	365.46	430.60	302.65	363.98	366.26
1987	..	..	400.95	448.89	326.43	396.53	399.75
1988—							
April	..	..	415.70	481.25	363.96	433.57	418.69
May	..	..	419.76	480.95	368.53	440.67	422.73
June	..	..	419.26	482.82	366.74	451.54	423.24

July	..	..	426.80	517.68	374.55	461.32	432.78
August	..	..	429.75	526.88	368.17	447.46	434.28
September	..	..	424.71	523.17	360.19	439.83	428.96
October	..	..	425.47	514.91	363.46	442.98	429.45
November	..	..	441.42	517.66	390.64	474.69	446.41
December	..	..	457.94	527.58	410.46	480.77	461.83
<b>1989</b>							
January	..	..	454.58	514.56	415.09	481.77	458.61
February	..	..	456.06	518.80	420.15	495.05	461.42
March	..	..	454.34	485.33	425.68	500.15	458.55

*Source :* Director of Statistics, Madras.

## 47. FOREIGN TRADE.

TABLE 27.1

QUANTUM OF FOREIGN TRADE THROUGH THE PORTS OF TAMIL NADU IN  
COMPARISON WITH THAT OF ALL-INDIA FOR THE YEAR, 1987-88.

Serial number.	Export/ Imports.	Quantum of Foreign Trade rupees in lakhs		Percentage share of Foreign Trade through Tamil Nadu ports to All-India.
		Tamil Nadu	All-India.	
(1)	(2)	(3)	(4)	(5)
1	Exports	1,81,190	15,71,936	12
2	Imports	2,98,918	22,34,302	13

Source : Director Statistics of Madras.

TABLE 27.2

QUANTUM OF FOREIGN TRADE THROUGH THE PORTS OF TAMIL NADU, BY  
PORTS IN TERMS OF VALUE FOR THE YEAR, 1987-88.

Serial number.	Name of the Ports.	Value Rupees in lakhs.	
		Imports	Exports.
(1)	(2)	(3)	(4)
1	Madras (Sea)	2,34,918	1,11,086
2	Cuddalore (Sea)	0,00,289	0,00,047
3	Nagapattinam (Sea)	0,00,080	0,00,687

TABLE 27.2—cont.

Serial number.	Name of the Ports.	Value Rupees in lakhs.	
		Imports.	Exports.
(1)	(2)	(3)	(4)
4	Tuticorin (Sea) .. .. .	0,38,785	0,17,918
5	Madras (Air) .. .. .	0,24,846	0,51,434
6	Tiruchirappalli (Air) .. .. .	..	0,00,018
	Total ..	2,98,918	1,81,190

Source : Director of Statistics, Madras.

# FOREIGN TRADE - 1987-88

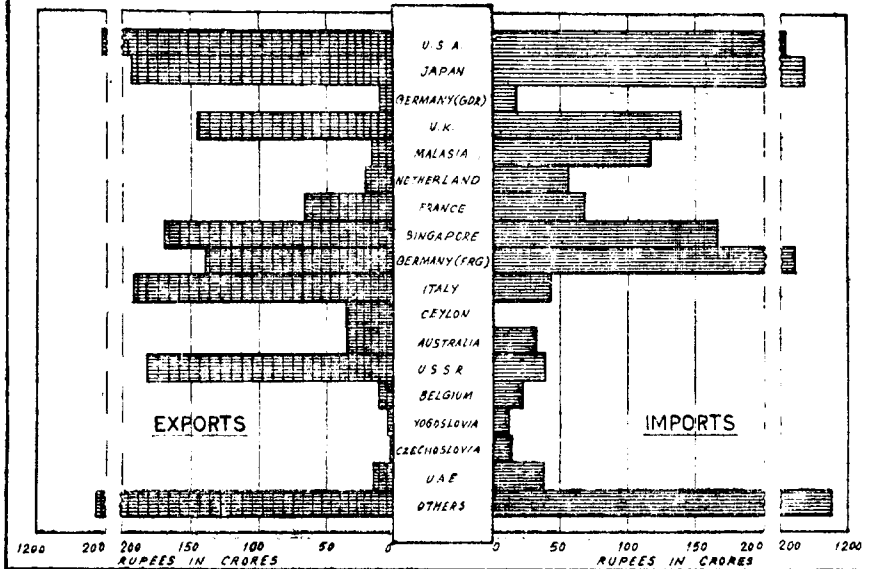


TABLE 27.3

FOREIGN IMPORTS BY COUNTRIES IN TERMS OF VALUE FOR THE YEAR 1987-88.

Serial number, (1)	Name of the Country, (2)	Value, (3)
		(RUPEES IN LAKHS)
1	U.S.A.	26,932
2	Japan	54,584
3	Germany (E)	1,683
4	U.K.	13,874
5	Malasia	11,653
6	Canada	2,920
7	Netherland	5,455
8	Switzerland	2,994
9	France	6,722
10	Rumaniya	0,156



11	Singapore	..	..	..	16,433
12	Iran	..	..	..	5,856
13	Germany (FRG) (W)	..	..	..	43,129
14	Sweden	..	..	..	11,725
15	Italy	..	..	..	4,205
16	Ceylon	..	..	..	79
17	Australia	..	..	..	3,189
18	U.S.S.R.	..	..	..	3,743
19	Belgium	..	..	..	2,162
20	Yugoslavia	..	..	..	1,146
21	Poland	..	..	..	189
22	Czechoslovakia	..	..	..	1,341
23	U.A.E.	..	..	..	3,783
24	Hungary	..	..	..	1,364
25	Bulgaria	..	..	..	—
26	Others	..	..	..	73,601
	Total	..	..	..	2,98,918

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Source : Director of Statistics, Madras.

TABLE 27.4

EXPORTS TO COUNTRIES IN TERMS OF VALUE FOR THE YEAR 1987—88.

<i>Serial number.</i>	<i>Name of the Country.</i>				<i>Value.</i>
(1)	(2)				(RUPEES IN LAKHS)
(1)	(2)				(3)
1	U.K.	..	..	..	14,423
2	U.S.S.R.	..	..	..	18,158
3	U.S.A.	..	..	..	24,553
4	U.A.E.	..	..	..	1,390
5	Japan	..	..	..	19,207
6	Ceylon	..	..	..	3,421
7	Germany (GDR)	..	..	..	992
8	Italy	..	..	..	19,162
9	France	..	..	..	6,432
10	Yugoslavia	..	..	..	346

11	Malasia	..	..	..	1,626
12	Nigeria	..	..	..	291
13	Germany (FRG)	..	..	..	13,828
14	Singapore	..	..	..	16,869
15	Belgium	..	..	..	1,076
16	Czechoslovakia	..	..	..	199
17	Netherland	..	..	..	2,131
18	Bangladesh	..	..	..	937
19	Fiji Island	..	..	..	2
20	Australia	..	..	..	3,348
21	Newzeland	..	..	..	8
22	Others	..	..	..	32,791
	<b>Total</b>	..	..	..	<b>1,81,190</b>

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*Source :* Director of Statistics, Madras.

## 28. LEGISLATURE AND ELECTIONS,

TABLE 28.1

GENERAL ELECTIONS, 1989.

<i>Item</i>			<i>Assembly</i> <i>(Date of Election</i> 21—1—1989).	<i>Parliament</i> <i>(Date of Election</i> 24—11—1989).
(1)			(2)	(3)
1. Total Number of Seats	..	..	235	39
2. Seats reserved for				
(a) S.C.	..	..	42	7
(b) S.T.	..	..	3	..
(c) General	..	..	189	32
(d) Nominated by Governor	..	..	1	..

ELECTION RESULTS AT A GLANCE.

Serial number,	Name of the Party.	Assembly		Parliament	
		Seats won.	Percentage of votes secured.	Seats won.	Percentage of Votes secured.
(1)	(2)	(3)	(4)	(5)	(6)
1. D.M.K.	..	151	33.24	Nil	26.66
2. A.D.M.K. (Jayalalitha)	..	29	21.90	11	17.12
3. Indian National Congress	..	26	20.45	27	39.81
4. A.D.M.K. (Janaki)	..	1	9.11	Nil	..
5. Janatha	..	4	1.17	Nil	1.42
6. C.P.I. (M)	..	15	3.52	Nil	3.66
7. C.P.I.	..	3	1.16	1	2.04
8. Independents and Others	..	5	9.45	Nil	8.29

Source: Joint Chief Electoral Officer, Madras.

## 29. JUDICIAL ADMINISTRATION.

TABLE 29.1

JUDICIAL DIVISIONS AND ORIGINAL JURISDICTION, 1988-89.

<i>Serial number.</i>	<i>Item.</i>	<i>Number.</i>
(1)	(2)	(3)
1	Judges of Chief Courts of State (Including the Chief Justice) ..	24 (x)
2	Revenue Districts (Judicial) .. .. .	18
3	District Judges .. .. .	62(y)
4	Other Judges	
	(a) Stipendiary (District Munsif and Sub-Judge) including Chief Judicial Magistrates and Metropolitan Magistrates).	276
	(b) Honorary .. .. .	..
5	Sessions Divisions .. .. .	18

6	Sessions Judges	..	..	..	..	..	..	..	..	40
7	Chief Judicial Magistrates	..	..	..	..	..	..	..	..	17
8	Other Magistrates	..	..	..	..	..	..	..	..	232
	(a) Stipendiary	..	..	..	..	..	..	..	..	..
	(b) Honorary	..	..	..	..	..	..	..	..	..

(x) One Chief Justice and 23 Puisne Judges.

(y) Including Principal and Additional Judges of City Civil Court, Madras, Chief Judge, Court of Small Causes, Madras, Tribunals, and two Posts of Additional Chief Metropolitan Magistrate for the trial of Economic offences and also Additional Judges of City Civil Court, Madras.

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*Source :* Registrar, High Court, Madras.

TABLE 29.2.

RESULTS OF CIVIL AND REVENUE CASES IN THE COURTS OF ORIGINAL  
JURISDICTION CIVIL SUITS REGULAR, 1988-89.

<i>Item.</i>	<i>Number.</i>
(1)	(2)
A. NUMBER OF SUITS BEFORE THE COURT—	
1 Pending at the beginning of the year .. .. .	2,11,005
2 Instituted during the year .. .. .	1,28,296
3 Revived during the year .. .. .	11,396
4 Otherwise received .. .. .	17,344
Total ..	3,68,041



## D. NUMBER OF SUITS DISPOSED—

1	Ex-parte	..	..	..	..	..	..	..	..	30,199
2	On admission of claims	..	..	..	..	..	..	..	..	9,855
3	Compromised	..	..	..	..	..	..	..	..	2,322

*After full trial.*

4	(a) Judgement for Plaintiff	..	..	..	..	..	..	..	..	11,401
	(b) Judgement for defendant	..	..	..	..	..	..	..	..	4,221
5	Reference to arbitration	..	..	..	..	..	..	..	..	8
6	By transfer	..	..	..	..	..	..	..	..	16,673
7	Otherwise disposed off (including the cases under Rule 3 and 8 of Order IX, CPC when defendant does not admit claim).									30,981

C. PENDING AT THE CLOSE OF THE YEAR .. .. . 2,42,601

D. PENDING FOR MORE THAN ONE YEAR .. .. . 1,70,104

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Source : Registrar, High Court, Madras.

## 30. POLICE AND PRISONS.

TABLE 30.1

POLICE FORCE FOR THE YEAR 1988.

<i>Serial number.</i>	<i>District.</i>	<i>Police Stations.</i>	<i>Out Posts.</i>	<i>Local Strength.</i>	<i>Armed Reserve Strength.</i>	<i>Total.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Chengalpattu East	45	5	1,600	719	2,319
2	Chengalpattu West	46	10	1,238	312	1,550
3	Cuddalore	41	4	1,283	456	1,739
4	Villupuram	36	3	972	252	1,224
5	North Arcot-Ambedkar and Thiruvannamalai-Sambuvarayar	72	14	1,997	934	2,931

6 Salem .. .. .	61	3	1,667	584	2,251
7 Dharmapuri .. .. .	41	6	967	361	1,328
8 Coimbatore Urban .. .. .	20	3	971	698	1,669
9 Coimbatore Rural .. .. .	27	6	851	297	1,148
10 Periyar .. .. .	39	2	991	220	1,211
11 The Nilgiris .. .. .	24	5	62	218	838
12 Tiruchirappalli .. .. .	65	12	2,034	930	2,964
13 Thanjavur (East) .. .. .	35	2	1,084	350	1,434
14 Thanjavur (West) .. .. .	47	8	1,483	330	1,813
15 Pudukkottai .. .. .	30	4	721	274	995
16 Madurai (City) .. .. .	20	6	1,247	710	1,957
17 Madurai (Rural) .. .. .	45	11	1,184	408	1,592
18 Dindigal Quaid-E-Millat	32	1	979	255	1,231
19 Ramanathapuram .. .. .	32	8	831	451	1,282

<i>Serial number.</i>	<i>District.</i>	<i>Police Station.</i>	<i>Out Posts.</i>	<i>Local Strength.</i>	<i>Armed Reserve Strength.</i>	<i>Total.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
20	Kamarajar .. ..	36	4	878	498	1,376
21	Pasumpon Thavar Thirumagan.	29	7	840	347	1,187
22	Chidambaranar .. ..	34	8	1,095	368	1,463
23	Tirunelveli Kattabomman.	54	16	1,659	514	2,173
24	Kanniyakumari .. ..	25	6	927	403	1,330
25	G. R. P. Tiruchirappalli .. }	30	26	601	..	601
26	G. R. P. Madras .. }			668	5	673

27	Commissioner of Police	..	68	4	6,211	3,334	9,545
28	T. S. P. Battalions	..	..	..	..	..	8,112
29	Other Units Including C.I.D.	..	..	..	..	..	3,533
	Total	..	1,034	184	35,599	14,225	61,469

*Source :* Director-General of Police, Madras.

TABLE 30.2  
COGNIZABLE OFFENCES UNDER INDIAN PENAL CODE, 1938-89.

<i>Serial number.</i>	<i>Items.</i>	<i>Number of cases Reported.</i>
(1)	(2)	(3)
1	Murder .. .. .	1,582
2	Culpable homicide not accounting to murder .. .. .	49
3	Rape .. .. .	305
4	Kidnapping and abduction .. .. .	806
5	Decoity .. .. .	52
6	Robbery .. .. .	430
7	Burglary .. .. .	7,935

8	Thefts	..	..	..	..	..	..	..	23,259
9	Riots	..	..	..	..	..	..	..	8,973
10	Criminal Breach of Trust	..	..	..	..	..	..	..	886
11	Cheating	..	..	..	..	..	..	..	1,692
12	Counterfeiting	..	..	..	..	..	..	..	253
13	Miscellaneous	..	..	..	..	..	..	..	77,923
<b>Total Cognizable Crimes under I. P. C.</b>									<u>1,24,145</u>

*Source :* Director-General of Police, Madras.

TABLE 30.3.  
PRISONS AND CONVICTS : 1988

<i>Classification of prisons.</i>							<i>Number.</i>
(1)							(2)
(1)	Central Prisons	..	..	..	..	..	8
(2)	Special Prisons for Women	..	..	..	..	..	2
(3)	Sub Jails	..	..	..	..	..	116
(4)	Special Sub Jails	..	..	..	..	..	3
(5)	Open Air Prisons	..	..	..	..	..	1
(6)	Borstal School	..	..	..	..	..	1



TABLE 30.3.—*cont.*

## CLASSIFICATION OF CONVICTS : 1988.

<i>Length of sentences.</i>	<i>Males.</i>	<i>Females.</i>	<i>Total.</i>
(1)	(2)	(3)	(4)
(1) Below one year .. .. .	8,062	622	8,684
(2) Above one year and not exceeding two years.	1,039	11	1,050
(3) Above two years and not exceeding five years.	424	17	441
(4) Exceeding five years and not exceeding ten years.	133	5	138
(5) Exceeding ten years .. .. .	71	..	71
(6) Life Sentence .. .. .	957	36	993
(7) Sentence to death .. .. .	28	..	28
Total ..	10,714	691	11,405

Source : Inspector-General of Prisons, Madras.

## 31. LOCAL BODIES.

TABLE 31.1.

MUNICIPAL BODIES, AREA AND POPULATION BY GRADES. 1988-89.

<i>Classification of Municipal Bodies.</i>	<i>Number.</i>	<i>Area. (Sq. Km.)</i>	<i>Mid year estimated Population (1989) in '000'</i>
(1)	(2)	(3)	(4)
<b>A. Corporations</b> .. .. .	3	322.59	7,972.90
<b>B. Municipalities—</b>			
(1) <b>Special Grade</b> .. .. .	14	263.58	2,239.90
(2) <b>Selection Grade</b> .. .. .	12	147.86	1 487.30

(3) First Grade .. .. .	29	354.50	2,761.10
(4) Second Grade .. .. .	30	484.89	1,477.50
(5) Third Grade .. .. .	13	146.22	1,353.70
C. Town Ship Committees .. ..	8	151.32	751.20

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Source: Director of Statistics, Madras.

TABLE 31.2  
MUNICIPAL BODIES BY DISTRICT : GRADES — 1988-89.

<i>District.</i>	<i>Municipal Councils by Grades.</i>									
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	Total.
	<i>Corporation.</i>	<i>Special.</i>	<i>Selection.</i>	<i>First.</i>	<i>Second.</i>	<i>Third.</i>	<i>Township Com- mittees.</i>			
1 Madras .. .. .	1	..	..	..	..	..	..	..	..	1
2 Chengai-Anna .. .. .	..	..	3	3	1	1	4	..	..	12
3 South Arcot .. .. .	..	..	2	1	4	..	..	..	..	7
4 North Arcot-Ambedkar and Thiruvannamalai Sambuvarayar.	..	1	..	4	5	2	..	..	..	12
5 Salem .. .. .	..	1	1	2	4	..	1	..	..	9
6 Dharmapuri .. .. .	..	..	..	2	..	..	..	..	..	2



TABLE 31.3.

PANCHAYAT UNIONS, VILLAGE PANCHAYATS, TOWN PANCHAYATS AND TOWNSHIP BY DISTRICTS—1988-89.

<i>District.</i>	<i>Development districts.</i>	<i>Panchayat unions.</i>	<i>Village panchayats.</i>	<i>Town panchayats.</i>	<i>Townships.</i>
(1)	(2)	(3)	(4)	(5)	(6)
1 Chengai-Anna .. ..	2	27	1,192	39	4
2 South Arcot .. ..	2	34	1,766	31	1
3 North Arcot-Ambedkar and Thiruvannamalai Sambuvarayar.	2	38	1,618	38	..
4 Salem .. ..	2	35	729	55	1
5 Dharmapuri .. ..	1	18	588	18	..
6 Periyar .. ..	1	20	342	61	..
7 Coimbatore .. ..	1	21	388	58	2
8 The Nilgiris .. ..	1	4	27	21	1

9	Thanjavur	..	..	2	34	1,451	40	1
10	Tiruchirappalli	..	..	2	32	888	46	1
11	Pudukkottai	..	..	1	13	498	8	..
12	Madurai	..	..	1	21	560	37	2
13	Dindigal Quaid-E-Millat			1	14	304	24	..
14	Ramanathapuram	..		1	11	444	8	1
15	Pasumpon Thevar Thirumagan.			1	11	437	12	..
16	Kamarajar	..	..	1	11	453	10	..
17	Tirunelveli-Kattabomman			1	19	435	36	2
18	Chidambaranar	..		1	12	408	20	..
19	Kanniyakumari	..		1	9	88	66	1
	Total	..		25	384	12,616	628	17

Source : Director of Rural Development, and Director of Town Panchayats, Madras.

TABLE 31.4.

REVENUE DIVISIONS, TALUKS FIRKAS AND REVENUE VILLAGES BY DISTRICTS, 1988-89.

<i>Serial number and name of districts</i>	<i>Divisions.</i>	<i>Taluks.</i>	<i>Firkas.</i>	<i>Revenue Villages. (R)</i>
(1)	(2)	(3)	(4)	(5)
1 Madras.. .. .	..	5	20	55
2 Chengalpattu .. .. .	4	13	101	2,227
3 North Arcot <sup>3</sup> Ambedkar and Thiruvannamalai Sambavarayar.	4	13	104	1,911
4 South Arcot .. .. .	5	13	86	2,389
5 Thanjavur .. .. .	6	20	103	1,933
6 Tiruchirappalli .. .. .	4	10	85	990
7 Pudukkottai .. .. .	2	7	42	759
8 Madurai .. .. .	3	9	68	749



9	Anna	..	..	..	..	3	6	39	358
10	Ramanathapuram	..	..	..	..	2	6	35	424
11	Pasumpon Muthuramalingam	..	..	..	..	2	6	37 (R)	497
12	Kamarajar	..	..	..	..	2	6	35 (R)	600
13	Tirunelveli	..	..	..	..	3	9	56	628
14	Chidambaranar	..	..	..	..	2	7	38	468
15	Kanniyakumari	..	..	..	..	2	4	18	81
16	The Nilgiris	..	..	..	..	2	4	15	54
17	Salem	..	..	..	..	4	9	72	1,054
18	Dharmapuri	..	..	..	..	3	8	50	1,106
19	Coimbatore	..	..	..	..	3	8	48	482
20	Periyar	..	..	..	..	3	7	47	510
	Total	..	..	..	..	59	170	1,099	17,275

Source : Special Commissioner and Commissioner of Revenue Administration, Madras.

## 32. STATE FINANCE.

TABLE 32.1.

OVERALL BUDGET 1988-89.

<i>Item.</i>	1987-88. ( <i>Accounts</i> ).	1988-89. ( <i>Revised Estimates</i> ).	1989-90. ( <i>Budget Estimate</i> ).
(1)	(2)	(3)	(4)

(RUPEES IN LAKHS)

## A .Revenue Account—

1. Revenue .. ..	₹3,09,189	3,34,148	3,84,574
2. Expenditure .. ..	₹3,37,481	3,65,046	4,13,423
3. Surplus (+) or Deficit (—) ..	(—) 28,292	(—) 30,898	(—) 28,849

B. Capital Account—

1. Receipts	.. .. .	1,02,754	1,47,032	1,02,614
2. Disbursements (Nett)	..	96,359	1,46,379	93,539
3. Surplus (+) or Deficit (—)	..	(+) 6,395	(+) 653	(+) 4,075
C. Miscellaneous Remittances (Nett)		(+) 26,681	+ 6,631	(+) 9,817
D. Overall Surplus (+) or Deficit (—)		(+) 4,784	(—) 23,614	(—) 14,967

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Sources : Budget Memorandum 1989-90.

**TABLE 32.2**  
**RECEIPTS ON REVENUE ACCOUNT BY PRINCIPAL HEADS**

<i>Item.</i>	1987-88 <i>Accounts.</i>	1988-89 <i>Revised Estimate.</i>	1989-90 <i>(Budget Estimate.)</i>
(1)	(2)	(3)	(4)

(RUPEES IN LAKHS.)

**A. Tax Revenue--**

<b>(a) Share from Central Taxes</b> .. .. .	65,390	72,292	85,878
1 Income Tax .. .. .	19,504	20,718	23,824
2 Estate Duty .. .. .	182	25	..
3 Union Excise Duty .. .. .	45,704	51,549	62,054
<b>(b) State Taxes</b> .. .. .	1,76,196	1,98,824	2,34,290
1 Agricultural Income Tax .. .. .	657	1,003	1,053
2 Land Revenue .. .. .	1,698	1,896	2,080
3 State Excise Duty .. .. .	12,016	14,500	08,020

4 Sales Tax .. ..	1,24,245	1,40,334	1,57,756
5 Stamps and Registration ..	14,152	16,592	19,278
6 Taxes on Vehicles .. ..	15,251	16,447	17,698
7 Other Taxes and Duties ..	8,177	8,052	8,425
<b>Total Tax Revenue (A+B) ..</b>	<b>2,41,586</b>	<b>2,71,116</b>	<b>3,20,168</b>
<b>B. Non-Tax Revenue .. ..</b>	<b>67,603</b>	<b>63,032</b>	<b>64,407</b>
1 Grants-in-aid from the Centre	37,972	37,982	38,007
2 Interest Receipts .. ..	8,250	7,699	8,211
3 Dividends and Profits ..	239	153	205
4 General Services .. ..	4,728	4,052	4,717
5 Social Services .. ..	4,822	3,495	3,517
6 Economic Services .. ..	11,592	9,651	9,750
<b>Total Revenue Receipts (A+B) ..</b>	<b>3,09,189</b>	<b>3,34,148</b>	<b>3,84,575</b>

Source : Budget Memorandum 1989-90

TABLE 32.3.

## EXPENDITURE ON REVENUE ACCOUNT BY PRINCIPAL HEADS

<i>Serial number and Item.</i>	1987-1988 <i>Accounts</i>	1988-89 <i>(Revised Estimate).</i>	1989- 90 <i>(Budget Estimate).</i>
(1)	(2)	(3)	(4)
		(RUPEES IN LAKHS)	
A. Development Expenditure (A + B) ..	2,51,396	2,68,111	2,91,600
a. Social Services .. .. .	1,41,707	1,52,646	1,68,636
1. Education, Sports, Arts and Culture.	69,357	77,746	89,536
2. Health and Family Welfare ..	23,141	23,956	26,444
3. Water Supply, Sanitation, Housing and Urban Development.	15,151	13,192	15,469
4. Information and Broadcasting . . . .	372	393	346

5	Welfare of Scheduled Castes, Scheduled Tribes and Other Backward Classes.	7,805	7,815	9,634
6	Labour and Labour Welfare .. ..	2,673	2,556	3,017
7	Social Welfare and Nutrition .. ..	22,714	26,502	23,672
8	Others .. .. .	494	485	518
<b>B.</b>	<b>Economic Services .. .. .</b>	<b>1,09,689</b>	<b>1,15,465</b>	<b>1,22,964</b>
1	Agriculture and Allied Activities ..	2,73,11	25,810	29,227
2	Rural Development .. .. .	18,669	20,515	20,969
3	Special Area Programme .. .. .	600	697	732
4	Irrigation and Flood Control .. ..	9,526	9,720	10,543
5	Energy .. .. .	26,020	32,010	29,175
6	Industry and Minerals .. .. .	6,181	6,213	8,892
7	Transport .. .. .	8,506	9,115	9,700
8	Science, Technology and Environment ..	268	373	166
9	General Economic Services .. .. .	12,608	11,012	13,560

TABLE 32.3—*cont.*

(RUPEES IN LAKHS.)

<i>Serial number and Item.</i>	1988-89 ( <i>Revised Estimate.</i> )	1989-90 ( <i>Budget Estimate.</i> )
(1)	(2)	(3)
2. Non-Development Expenditure (C+D) .. ..	86,085	96,934
C. General Services .. ..	79,028	92,855
1 Organ of State .. ..	2,892	3,802
2 Fiscal Services .. ..	5,763	6,417
3 Debt Services .. ..	26,250	34,055
		1,21,822
		1,17,747
		3,651
		6,841
		36,544



4 Administrative Services .. .. .	27,573	30,208	32,459
5 Other General Services ' .. .. .	16,550	18,373	38,252
D. Compensation and Assignments to Local Bodies	7,057	4,079	4,075
	<hr/>	<hr/>	<hr/>
Total Expenditure (A+B) .. .. .	3,37,481	3,65,045	4,13,422
	<hr/>	<hr/>	<hr/>

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*Source :* Budget Memorandum 1989-90.

**TABLE 32.4.**  
**SMALL SAVINGS BY DISTRICTS 1988-89.**

(RUPEES IN CRORES.)

<i>Serial number and name of the district.</i>	<i>Gross.</i>	<i>Nett</i>
(1)	(2)	(3)
1 Madras .. .. .	141.07	81.65
2 Chengai Anna .. .. .	33.21	8.55
3 South Arcot .. .. .	20.74	1.54
4 North Arcot Ambedkar and Tiruvannamalai Sambavarayar.	25.33	5.62
5 Salem .. .. .	29.50	12.05
6 Dharmapuri .. .. .	8.82	2.87
7 Periyar .. .. .	16.88	6.49
8 Coimbatore .. .. .	40.76	11.82

9	The Nilgiris	..	..	..	..	₹8.04	₹1.44
10	Thanjavur	..	..	..	..	₹30.67	₹7.38
11	Tiruchirappalli	..	..	..	..	₹32.14	₹5.05
12	Pudukkottai	..	..	..	..	₹4.45	₹1.50
13	Dindugal Quaid-E-Millath	..	..	..	..	₹9.61	₹3.17
14	Madurai	..	..	..	..	₹22.96	₹4.60
15	Ramanathapuram	..	..	..	..	₹8.25	₹1.76
16	Kamarajar	..	..	..	..	₹13.63	4.87
17	Pasumpon Thevar Thirumagan	..	..	..	..	₹6.79	1.08
18	Tirunelveli-Kattabomman	..	..	..	..	27.36	5.45
19	Chidambaranar	..	..	..	..	19.99	4.74
20	Kanniyakumari	..	..	..	..	13.18	4.17
Total						<u>₹513.38</u>	<u>₹175.80</u>

Source : Director of Small Savings, Madras.

33. FIVE-YEAR PLANS.  
TABLE 33.1.  
PLAN—EXPENDITURE STATE SCHEMES.

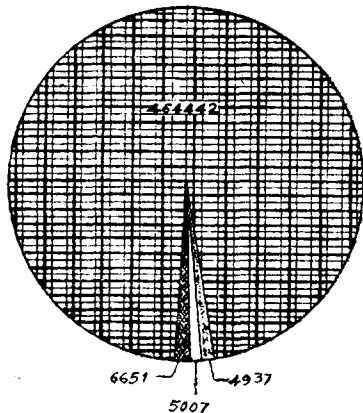
<i>Serial number and Head/Sub-Head of Development.</i>	1987-88 <i>Accounts.</i>	<i>Anticipated Expenditure.</i>	<i>Proposed Outlay.</i>
(1)	(2)	(3)	(4)
(RUPEES IN LAKHS.)			
1. General Services .. .. .	1,323.31	931.33	900.88
2. Social Services— .. .. .	47,743.03	44,469.00	51,532.02
(a) Education, Sports, Art and Culture.	7,546.61	7,685.01	7,475.74
(b) Health .. .. .	2,967.35	2,778.67	3,815.05
(c) Water-Supply, Housing and Urban Development.	22,115.66	20,097.49	24,945.17
(d) Information and Publicity .. .. .	29.61	21.02	27.40
(e) Welfare of Scheduled Castes, Scheduled Tribes and other Backward Classes.	1,943.53	2,024.61	3,733.11

(f) Labour and Labour Welfare ..	1,280.77	333.90	336.23
(g) Social Welfare and Nutrition ..	10,766.20	11,470.97	11,199.32
(h) Other Social and community Services ..	1,093.30	57.33	..
<b>3. Economic Services .. .. .</b>	<b>84,788.46</b>	<b>76,266.52</b>	<b>83,567.10</b>
(a) Agriculture and Allied Services ..	15,796.49	12,303.52	12,379.62
(b) Rural Development .. ..	7,012.54	5,181.68	6,483.26
(c) Irrigation and Flood Control ..	6,420.99	7,327.90	7,282.84
(d) Power .. .. .	37,229.75	35,165.02	38,950.01
(e) Industry and Minerals .. ..	10,305.40	7,086.17	10,799.75
(f) Transport and communications ..	6,966.98	7,837.27	7,330.04
(g) Science, Technology and Environment ..	350.01	260.51	165.11
(h) General Economic Services ..	706.30	104.45	176.47
<b>Grand total ..</b>	<b>1,33,854.80</b>	<b>1,21,666.85</b>	<b>1,36,000.00</b>

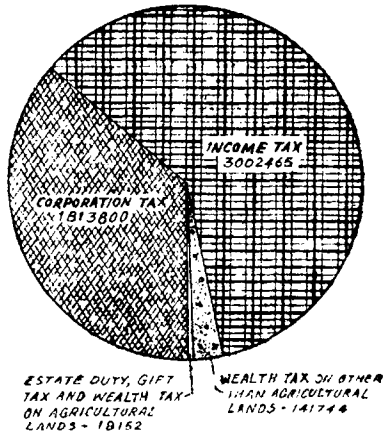
Source : Budget Plan Link.

# INCOME TAX COLLECTION - 1988-89

NO. OF ASSESSEES



AMOUNT  
(RUPEES IN THOUSANDS)



## 31. INCOME TAX.

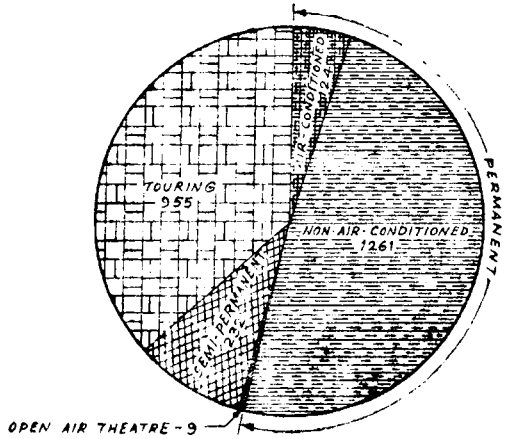
TABLE 34.1

INCOME-TAX COLLECTIONS 1988-89.

<i>Tax.</i>	<i>Number of Assesses.</i>	<i>Amount. (Rs. in '000's.)</i>
(1)	(2)	(3)
1 Corporation .. .. .	6,651	18,13,800
2 Income Tax .. .. .	4,64,442	30,02,465
3 Estate Duty .. .. .	737	8,110
4 Wealth Tax on other than Agricultural lands ..	49,737	1,41,744
5 Wealth Tax on Agricultural Lands .. .. .	284	..
6 Gift Tax .. .. .	3,986	10,042

Source ; Chief Commissioner, Income-Tax Department, Madras.

# CINEMA THEATRES 1988-89





## 35. RECREATION .

TABLE 35.1.

CINEMA THEATRES 1988-89.

<i>Type.</i> (1)	<i>Number.</i> (2)
1 Permanent	
(a) Air Conditioned .. .. .	1240
(b) Others (Non Air Conditioned) ..	1,261
2 Open Air Theatre .. .. .	9
3 Semi Permanent .. .. .	232
4 Tearing .. .. .	955
<b>Total</b> .. .. .	<b>2,581</b>

*Source :* Chief Electrical Inspector to Government, Madras.

## 36. CIVIL SUPPLIES.

TABLE 36.1.

FAIR PRICE SHOPS IN TAMIL NADU, 1988-89.

<i>Serial number and name of district.</i>	<i>Number of shops.</i>		
	<i>Rural</i>	<i>Urban</i>	<i>Total.</i>
(1)	(2)	(3)	(4)
1 Madras (South) .. .. .	..	550	550
2 Madras (North) .. .. .	..	484	484
3 Chengai-Anna .. .. .	1,919	83	2,002
4 South Arcot .. .. .	2,288	158	2,446
5 North Arcot Ambedkar and Thiruvanna- malai Sambuvarayar.	1,926	188	2,114
6 Dharmapuri] .. .. .	775	64	839
7 Salem ] .. .. .	11,314	207	1,521

8 Periyar	..	..	..	..	686	82	768
9 Coimbatore	..	..	..	..	736	310	1,046
10 The Nilgiris	..	..	..	..	64	175	239
11 Tiruchirappalli	..	..	..	..	1,238	171	1,409
12 Thanjavur	..	..	..	..	1,580	299	1,879
13 Pudukkottai	..	..	..	..	738	32	770
14 Madurai	..	..	..	..	836	289	1,125
15 Dindigul Quaid-E-Millat		..	..	..	443	66	509
16 Ramanathapuram		..	..	..	429	58	487
17 Kamarajar	..	..	..	..	388	119	507
18 Pasumpon Thevar Thirumagan		..	..	..	468	62	530
19 Tirunelveli Kattabomman		..	..	..	705	149	854
20 Kanniyakumari	..	..	..	..	401	61	462
21 Chidambaranar		..	..	..	448	145	593
				<b>Total</b>	17,382	3,752	21,134

NOTE.— All Fair Price Shops are run only by Co-operative Society.

Source : Commissioner of Civil Supplies, Madras.

TABLE 36.2

QUANTUM OF ESSENTIAL COMMODITIES DISTRIBUTED AND THEIR  
RETAIL PRICES—1988-89.

<i>Name of Commodity.</i>		<i>Price per kg.</i>	<i>Scale of Supply.</i>
(1)		(2)	(3)
1. Rice	.. ..	..	4 Kgs. per adult and 2 Kgs. per child per month subject to a maximum of 12 Kgs. per month per family card.
Superfine	.. ..	2.50	
Fine	.. ..	2.25	
Common	.. ..	1.75	
2. Wheat	.. ..	2.20	20 Kgs. per month in Plain areas and 30 Kgs. in hill areas.

3. Sugar	..	..	5.25	500 Gms. per capita per month without any ceiling limit.
4. Palmolein	..	..	16.25	Since G.O.I. allotment varies largely month to month, scale is fixed subject to availability.
			loose oil	
			17.20	
			per pouch in ..	
			Madras city	
			17.50	
			per pouch in dis-	
			tricts.	
			Rs. 37.80 per	
			2 Kg. tin	
			Madras City	
			Rs. 38.50 per	
			2 Kg. tin in	
			district.	

TABLE 36.2—cont.

<i>Name of Commodity.</i>	<i>Price per kg.</i>	<i>Scale of Supply.</i>
(1)	(2)	(3)
5. Kerosene .. ..	Price Ranges from Rs. 2.28litre to 2.53litre depending upon the distance from oil terminate.	Madras City D/HQ 10 Litres Card/month. Other Municipal areas 6 litres card per month. Townships and TownPanchayats/ 5 Litres card per month. *Village Panchayats 3 litres/card per month.
<i>Nilgiris district—</i>		
Kerosene .. ..	Do.	(a) Headquarters and Municipalities—15 litres p.m.

(b) Two panchayats 10 litres per card per month.

(c) Village Panchayats 5 Litres per card per month.

6. Wheat product Maida No price control.  
Sooji.

10 Kgs./card/month for urban card holders. 5 kgs. for rural card holders 5 kgs. card months.

<i>Periodicity of supply.</i>	<i>Remarks.</i>
(4)	(5)
In two instalments (fortnightly) in a month.	In ITDP area common rice alone is supplied at Rs. 1.40 other corrections are the same.
In one instalment or as card-holder chooses	In ITDP areas wheat is supplied at Rs. 1.64 per cent Kg. and 30 Kgs per card per month.
In one instalment.	....
In one instalment.	....
Supplied in two instalments (fortnightly)	....



*Nilgiris District*

Supplied in two instalments.

....

In one instalment.

....

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*Source* : Commissioner of Civil Supplies, Madras.

## 37. SOCIAL WELFARE

TABLE 37.1 i

NUTRITIOUS MEALS PROGRAMME CENTRES—1988-89.

<i>Serial number and District.</i>	<i>Centres.</i>
(1)	(2)
1 Madras .. .. .	1,450
2 Chengai Anna .. .. .	5,113
3 South Arcot .. .. .	6,176
4 North Arcot Ambedkar and Thiruvanna- malai Sambuvarayar.	6,665
5 Salem .. .. .	4,130
6 Dharmapuri .. .. .	3,439
7 Periyar .. .. .	2,806
8 Coimbatore .. .. .	3,010
9 The Nilgiris .. .. .	791

10	Thanjavur	..	..	..	..	5,260
11	Tiruchirappalli	..	..	..	..	4,838
12	Pudukkottai	..	..	..	..	2,579
13	Madurai	..	..	..	..	3,188
14	Dindigal Quaid-E-Millat	..	..	..	..	2,258
15	Ramanathapuram	..	..	..	..	1,804
16	Kamarajar	..	..	..	..	2,096
17	Pasumpon Thevar Thirumagan	..	..	..	..	1,718
18	Tirunelveli Kattabomman	..	..	..	..	2,961
19	Chidambaranar.	..	..	..	..	2,209
20	Kanniyakumari	..	..	..	..	1,370
	Total	..	..	..	..	<u>63,861</u>

Source : Director of Social Welfare, Madras,  
and Director of School Education, Madras.

**TABLE 37.2.**  
**NUMBER OF BENEFICIARIES UNDER**  
**NUTRITIOUS MEALS PROGRAMME—1988-89.**

<i>Serial number and District.</i>	<i>Beneficiaries.</i>
(1)	(2)
1 Madras .. .. .	1,77,973
2 Chengai Anna .. .. .	3,86,861
3 South Arcot .. .. .	955,655
4 North Arcot Ambedkar and Thiru vannamalai Sambuvarayar.	8,99,972
5 Salem .. .. .	4,43,943
6 Dharmapuri .. .. .	3,95,540
7 Periyar .. .. .	2,50,230
8 Coimbatore .. .. .	3,00,395

9	The Nilgiris	..	..	..	..	93,837
10	Thanjavur	..	..	..	..	6,83,355
11	Tiruchirappalli	..	..	..	..	6,11,672
12	Pudukkottai	..	..	..	..	2,81,112
13	Madurai	..	..	..	..	6,18,391
14	Dindigal Quaid-E-Millat	..	..	..	..	1,89,256
15	Ramanathapuram	..	..	..	..	2,07,316
16	Kamarajar	..	..	..	..	2,39,523
17	Pasumpon Thevar Thirumagan	..	..	..	..	1,83,626
18	Chdambaranar	..	..	..	..	2,45,784
19	Tirunelveli Kattabomman	..	..	..	..	4,46,652
20	Kanniyakumari	..	..	..	..	3,00,147
	State	..	..	..	..	<u>79,10,640</u>

*Source* : Director of Social Welfare, Madras.  
and Director of School Education, Madras

**TABLE 37.3**  
**NUMBER OF BENEFICIARIES UNDER FREE SUPPLY OF TEXT BOOKS**  
**AND UNIFORMS—BY DISTRICTS—1988-89.**

<i>Serial number and district.</i>	<i>Uniforms and Text Books.</i>		
	<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>
(1)	(2)	(3)	(4)
1 Madras .. .. .	1,10,729	1,00,236	2,10,965
2 Chengai Anna .. .. .	2,57,815	2,11,867	4,69,682
3 South Arcot .. .. .	3,32,309	2,52,504	5,84,813
4 North Arcot-Ambedkar and Thiruvannamalai Sambuvarayar.	3,50,398	2,84,819	6,35,217
5 Salem .. .. .	1,92,660	1,43,387	3,36,047
6 Dharmapuri .. .. .	1,83,243	1,18,132	3,01,375
7 Periyar .. .. .	1,08,012	82,999	1,91,011
8 Coimbatore .. .. .	[1,48,265	1,29,572	2,77,837

9	The Nilgiris	..	..	..	..	53,382	49,467	1,02,849
10	Thanjavur	..	..	..	..	2,97,500	2,44,900	5,42,400
11	Tiruchirappalli	..	..	..	..	2,42,269	1,95,598	4,37,867
12	Pudukkottai	..	..	..	..	1,21,702	98,678	2,20,380
13	Madurai	..	..	..	..	1,89,226	1,55,892	3,45,118
14	Dindigal Quaid-E-Millath	..	..	..	..	1,11,344	87,717	1,99,061
15	Ramanathapuram	..	..	..	..	95,513	80,316	1,75,829
16	Kamarajar	..	..	..	..	1,04,223	79,856	1,84,079
17	Pasumpon Thevar Thirumagan	..	..	..	..	73,639	62,820	1,36,459
18	Tirunelveli-Kattabomman	..	..	..	..	1,51,406	1,17,617	2,69,023
19	Chidambaranar	..	..	..	..	98,145	86,046	1,84,191
20	Kanniyakumari	..	..	..	..	1,15,682	1,10,713	2,26,395

Source : Director of School Education, Madras.

TABLE 37.4.  
NUMBER OF BENEFICIARIES UNDER OLD AGE PENSION SCHEME  
IN TAMIL NADU—1988-89.

<i>District.</i>	<i>Old age Pension for aged.</i>	<i>Old age Pension for physically handicapped.</i>	<i>Old age Pension for widow.</i>
(1)	(2)	(3)	(4)
1 Madras .. .. .	6,127	588	7,177
2 Chengai Anna .. .. .	11,308	1,148	6,903
3 South Arcot .. .. .	14,738	2,531	12,382
4 North Arcot Ambedkar-Tiruvanna- malai Sembuarayar.	13,304	2,009	11,380
5 Salem .. .. .	18,532	2,196	9,065
6 Dharmapuri .. .. .	8,874	820	2,377
7 Periyar .. .. .	5,255	930	2,658
8 Coimbatore .. .. .	7,146	980	6,761



9	The Nilgiris	..	..	..	1,011	159	601
10	Thanjavur	..	..	..	20,839	1,914	14,573
11	Tiruchirapalli	...	..	..	7,642	1,514	10,677
12	Pudukkottai	..	..	..	5,307	651	4,753
13	Dindigul-Quaid-E-Millath	..	..	..	6,095	829	4,080
14	Madurai	..	..	..	12,414	1,109	9,162
15	Ramanathapuram	..	..	..	3,160	455	2,332
16	Kamarajar	..	..	..	4,611	577	3,426
17	Pasampon Thevar-Tirumagan	..	..	..	3,852	455	3,106
18	Tirunelveli-Kattabomman	..	..	..	10,398	1,153	4,072
19	Chidambaranar	..	..	..			
20	Kanniyakumari	...	..	..	3,078	486	1,533
Total				..	<u>1,63,698</u>	<u>20,504</u>	<u>1,17,018</u>

TABLE 37. —cont.

<i>District.</i>	<i>Old Age pension for deserted Agri- cultural Labourers</i>	<i>Old Age pension for deserted wives.</i>	<i>Total.</i>
(1)	(5)	(6)	(7)
1 Madras .. .. .	100	861	1,4853
2 Chengai Anna .. .. .	3,523	1,804	24,686
3 South Arcot .. .. .	5,354	..	35,005
4 North Arcot, Ambedkar and Thiruvannamalai Sambuvarayar.	3,698	912	31,303
5 Salem .. .. .	2,615	906	33,314
6 Dharmapuri .. .. .	2,453	3,293	17,817
7 Periyar .. .. .	1,334	1,375	11,552
8 Coimbatore .. .. .	1,294	1,669	17,850

9	The Nilgiris	..	..	..	..	534	429	2,741
10	Thanjavur	..	..	..	..	6,983	73	44,382
11	Tiruchirappalli	..	..	..	..	3,137	6	22,976
12	Pudukkottai	..	..	..	..	1,930	55	12,696
13	Dindigal Quaid-E-Millat	..	..	..	..	919	..	11,923
14	Madurai	..	..	..	..	2,177	8,414	33,276
15	Ramanathapuram	..	..	..	..	1,638	1,206	8,791
16	Kamarajar	..	..	..	..	2,394	62	11,070
17	Pasumpon Thevar Thirumagan	..	..	..	..	1,162	..	8,575
18	Tirunelveli Kattabomman	..	..	..	..	3,388	4,567	23,578
19	Chidambaranar	..	..	..	..	..	..	..
20	Kanniyakumari	..	..	..	..	1,139	65	6,301
	State	..	..	..	..	<u>45,772</u>	<u>25,697</u>	<u>3,72,689</u>

Source : Special Commissioner and Commissioner of Revenue Administration, Madras.

TABLE-37.5.

FREE HOUSES AND HOUSE SITES DISTRIBUTED TO SCHEDULED CASTES, SCHEDULED TRIBES, BACKWARD CLASSES AND DENOTIFIED COMMUNITIES IN TAMIL NADU—1988—89.

Serial number and District.		Houses distributed.				Total.
		S.C.	S.T.	DC. and B.C	Others	
(1)		(2)	(3)	(4)	(5)	(6)
1	Madras .. ..	..	..	..	..	..
2	Chengai Anna ..	585	..	..	..	585
3	South Arcot ..	2,421	..	..	..	2,421
4	North Arcot Ambedkar and Thiruvannamalai Sambuvarayar.	2,111	..	..	..	2,111
5	Salem .. ..	7,491	..	..	..	7,491
6	Dharmapuri ..	289	..	..	..	289
	Periyar .. ..	320	..	..	..	320

8	Coimbatore .. ..	390				390
9	The Nilgiris .. ..	58	..	..	..	58
10	Thanjavur .. ..	862	..	..	..	862
11	Tiruchirappalli ..	1,135	..	..	..	1,135
12	Pudukkottai .. ..	305	..	..	..	305
13	Dindigul Quaid-E-Millath.	445	..	..	..	445
14	Madurai .. ..	440	..	..	..	440
15	Ramanathapuram ..	772	..	..	..	772
16	Kamarajar .. ..	454	..	..	..	454
17	Pasumpon Thevar Thirumagan.	436	..	..	..	436
18	Tirunelveli Kattabomman	450	..	..	..	450
19	Chidambaranar ..	332	..	..	..	332
20	Kanniyakumari ..	106	..	..	..	106
	Total ..	<u>12,660</u>	<u>..</u>	<u>..</u>	<u>..</u>	<u>12,660</u>

TABLE 37.5—cont.

<i>Serial number and District.</i>	<i>House sites distributed.</i>					<i>Total.</i>
	<i>S.C.</i>	<i>S.T.</i>	<i>D.C.&amp;B.C.</i>	<i>Others.</i>		
(1)	(8)	(9)	(10)	(11)	(12)	
1. Madras .. ..	..	..	..	..	..	
2. Chengai Anna .. ..	9,704	..	..	4,654	14,358	
3. South Arcot .. ..	8,388	1,319	134	5,831	15,672	
4. North-Arcot Ambedkar and Thiruvannamalai Sambuvayar.	7,827	37	108	1,776	9,748	
5. Salem .. ..	12,624	683	..	3,356	16,663	
6. Dharmapuri .. ..	11,792	1,257	100	59,901	73,050	
7. Periyar .. ..	4,119	126	120	1,704	6,069	
8. Coimbatore .. ..	6,145	103	..	3,181	9,429	
9. The Nilgiris.	285	86	..	475	846	

10. Thanjavur .. ..	3,287	..	..	4,874	8,161
11. Tiruchirappalli ..	10,367	..	..	19,970	30,337
12. Pudukkottai .. ..	3,045	..	..	11,239	14,284
13. Dindigul Q-uaid-E-M llath.	3,030	..	105	2,164	5,299
14. Madurai .. ..	9,040	44	..	16,592	25,676
15. Ramanathapuram ..	2,365	43	..	1,599	4,007
16. Kamarajar .. ..	2,394	8	..	3,936	6,338
17. Pasumpon Thevar Thirumagan.	841	..	36	3,985	4,862
18. Tirunelveli-Kattabomman	2,904	7	..	2,908	5,819
19. Chidambaranar ..	4,021	..	..	2,265	6,286
20. Kanniyakumari ..	421	..	..	539	960
State ..	<u>1,02,599</u>	<u>3,713</u>	<u>603</u>	<u>1,50,949</u>	<u>2,57,864</u>

*Source* :—Special Commissioner and Commissioner of Land Administration, Madras.  
 Director, Adi-Dravidar and Tribal Welfare, Madras,  
 Managing Director, Adi-Dravidar and Tribal Welfare, Madras.  
 Housing Development Corporation, Madras and  
 Director of Backward Classes, Madras.

**38. TOURISM**  
**TABLE 38.1.**  
**PLACES OF TOURIST ATTRACTIONS 1988—89.**

<i>Serial number and District.</i>	<i>Place.</i>	<i>Importance.</i>	<i>Season.</i>
(1)	(2)	(3)	(4)
1. Madras	.. (a) Fort St George	Built by the British East India Co., Fort Museum, Clives Corner' St. Mary's Church, State Government Headquarters.	Throughout the year.
	(b) Santhome ..	St. Thomas Cathedral Basilica Where lies buried, the Mortal remains of St. Thomas.	Do.
	(c) Anna Square (Marina).	A place of pilgrimage on the Marina where the great Tamil Leader Dr. C. N. Annadurai was laid to rest.	Do.



- |   |  |     |
|---|--|-----|
| (d) High Court<br>Parry's Corner.                           | Indo-Saracenic style<br>building.  | Do. |
| (e) Valluvar-<br>kottam, Nungam-<br>bakkam.                 | Named after Thiruvalluvar,<br>the greatest philosopher<br>and saint who gave<br>Thirukkural to the world<br>The majestic memorial<br>serve as an auditorium.<br>The stone car here is a<br>great attraction. | Do. |
| (f) Light House.  | On the Marina provides a<br>panoramic view of the<br>city.   | Do. |
| (g) Gandhi<br>Kamaraj and<br>Rajaji Manda-<br>pams, Guindy. | These three Mandapams<br>have been erected as<br>memorials to the three<br>great statesmen of India,<br>viz., Gandhi, Kamaraj<br>and Rajaji respectively.  | Do. |
| (h) Childrens, park.  | Situated very near to Gandhi<br>Mandapam, has a small<br>collection of birds and<br>animals.   | Do. |

TABLE 38.1—cont

<i>Serial number and District</i>	<i>Place</i>	<i>Importance.</i>	<i>Season</i>
(1)	(2)	(3)	(4)
1 Madras.	(i) The Deer Park.	Unique for being the world's only sanctuary located within the city limits.	Throughout the year.
	(j) The snake park	Equally unique Snake park and reptilium are part of the huge. Raj Bhavan estate of the Governor.	Do.
	(k) Crocodile Bank on the way to Mamallapuram.	There are about 1,500 crocodiles of rare species.	Do.
2. Chengai-Anna	(a) Mamallapuram	Beach Resort/Monuments	Do.
	(b) Kancheepuram	Pilgrim Centre, Temples, one of the seven holy cities in India. Famous for Handloom Silk Sarees.	Do.

	(c) Vedanthangal	Birds Sanctuary	..	October to March.
	(d) Thirukazhukundram.	A place of Sacred Kites. Temple Town.		Throughout the year.
	(e) Thiruthani	.. Pilgrim Centre, Subramaniam Temple.		Do.
	(f) Poondi	Picnic Spot		Do.
<b>3. South Arcot</b>	.. (a) Chidambaram.	Pilgrim Centre, Siva Temple		Do.
	(t) Pichavaram	Backwater with picturesque Forests.		Do.
	(c) Gingee	.. Monuments and fort.		Do.
	(d) Thiruvakkarai.	Fossil Geological Park		Do.
<b>4 North Arcot</b>	(a) Vellore	.. Fort	.. ..	Do.
<b>Ambedkar</b>	(b) Elagiri Hills	Hill Station	.. ..	Do
	(c) Amirthi forest	Picnic spot	..	Do.

TABLE 38.1—*cont.*

<i>Serial number and District</i>	<i>Place</i>	<i>Importance</i>	<i>Season</i>
(1)	(2)	(3)	(4)
5 Thiruvannamalai-Sambuvarayar.	(a) Sathanur Dam.	Picnic spot	.. Throughout the year.
	(b) Thiruvannamalai.	Siva Temple, Ramana-Maharishi Ashram.	Do.
	(c) Javaḍu Hills	Picnic Spot	Do.
6 Salem	.. (a) Yercaud	.. Hill Station	.. .. April to June
	(b) Taramangalam	Siva Temple	Throughout the year.
	(c) Kolli Hills	Hill station and Water falls.	Do.
	(d) Namakkal	Fort and Monuments	.. Do.
	(e) Mettur Dam	Picnic spot	.. Do.

7 Dharmapuri	..	(a) Hogenekkal	Water falls	..	September to April
		(b) Theerthamalai	Pilgrim Centre and Water falls	..	throughout the year.
		(c) Krishnagiri Dam.	Picnic spot	..	Do.
8 Periyar	..	(a) Kasthurbagram	Ashram/Community Project Centre.		Do.
		(b) Kodumudi	Temple	.. ..	Do.
		(c) Bavani Koovuthulai.	Temple bathing	..	Do.
		(d) Pannari	Mariamman Temple	..	Do.
		(e) Kodumanal	Archaeological Site	..	Do.
9 Coimbatore	..	(a) Coimbatore	Industrial City known for its cotton mills.	..	Do.
		(b) Bhavanisagar	Picnic spot Dam	.. ..	Do.
		(c) Perur	Siva Temple, Sculpture	..	Do.
		(d) Anaimalai	Wildlife Sanctuary	..	Do.
		(e) Top slip	Hill Station	..	Do.
		(f) Tirumoorthy	Temple and Hill Station	..	Do.

TABLE 38.1—cont.

<i>Serial number and District.</i>	<i>Place.</i>	<i>Importance</i>	<i>Season.</i>
(1)	(2)	(3)	(4)
10 The Nilgiris ..	(a) Uthagamandalam.	The queen of Hill Stations	April to June and September to October.
	(b) Coonoor ..	Hill Station ..	Do.
	(c) Kotagiri ..	Do.	Do.
	(d) Madumalai	Wild life Sanctuary ..	February to November.
11 Thanjavur ..	(a) Thanjavur ..	The Brahadeeswara Temple the art gallery, Saraswathi Mahal Library.	Throughout the year.
	(b) Thiruvaiyaru	Pilgrim Centre, Birth place of Poet Thiagarajar, Siva Temple.	Do.

	(c) Point Calimere.	Wildlife, Birds Sanctuary	..	Do.
	(d) Kumbakonam	Temples and Handicrafts and Sculptural Production.	..	Do.
	(e) Darasuram	Monuments	..	Do.
	(f) Thirubuvanam.	Siva Temple	..	Do.
	(g) Velankanni	Catholic Church and Beach	..	Do.
	(h) Poompuhar	Art Gallery, Beach and Archaeological Site.	..	Do.
	(i) Nagoor	.. Durgah	..	Do.
	(j) Manora	.. Memorial Tower and Archaeological Site.	..	Do.
12	Tiruchirappalli	(a) Tiruchirappalli Rock Fort Temple	..	Do.
		(b) Srirangam .. Vishnu Temple	..	Do.
		(c) Thiruvannamalai Siva Temple	..	Do.
		(d) Grand Anicut Picnic spot and Anicut Dam.	..	Do.
		(e) Gangaikonda—Siva Temple Sculptures, Cholapuram. Monuments.	..	Do.
		(f) Mukkombai Picnic Spot.	..	Do.

TABLE 38.1—*cont.*

<i>Serial number and District.</i>	<i>Place.</i>	<i>Importance.</i>	<i>Season.</i>
(1)	(2)	(3)	(4)
13 Pudukkottai ..	(a) Viralimalai	Subramaniam Temple and Peacock Sanctuary.	Throughout the year.
	(b) Sithannavasal	Rock-cut-Jain cave (7 A.D.) and Painting.	Do.
	(c) Kudumiammalai.	Siva Temple, Famous for Sculpture and inscriptions.	Do.
	(d) Kodumbalur	Moovar Temple, Monument and site museum.	Do.
	(e) Narthamalai	Ancient Monuments ..	Do.
	(f) Avudayar kottai.	Siva Temple Sculptures	Do.
	(g) Manamelkudi	District Excursion Centre.	Do.



14 Dindigul Quaid- E-Millat.	(a) Kodajkanal	Hill station	March to June.
	(b) Palani ..	Pilgrim Centre (Murugan Temple.)	Throughout the year.
15 Madurai ..	(a) Madurai ..	Temple City, Mariamman tank, Gandhi Museum, Meenakshi Temple, Tirumalai Nayak Palace	Do.
	(b) Tiruparan- kudram	Murugan Temple	Do.
	(c) Alagarkoil	Vishnu temple	Do.
	(d) Vaigai Dam	Picnic spot	Do.
	(e) Suruli ..	Water falls	Do.
	(f) Yanaimalai	Cave Temple and Jain Sculpture.	Do.
	(g) Vinayanur ..	Picnic Spot	Do.
16 Ramanatha- puram.	(a) Rameswaram	Pilgrim Centre Siva Temple	Do
	(b) Tondi	District Excursion Centre	Do.
	(c) Kurusadai island	Biological station	Do.
	(d) Athangarani	District Excursion Centre.	Do.

TABLE 38.1—*cont.*

<i>Serial number and District.</i>	<i>Place.</i>	<i>Importance.</i>	<i>Season.</i>
(1)	(2)	(3)	(4)
17 Kanarajar ..	(a) Srivilliputhur	Birth Place of Sri Andal	Throughout the year.
18 Tirunelveli-Kattabomman	(a) Tirunelveli	Ancient Siva Temple	Do.
	(b) Krishnapuram	Sculptures	Do.
	(c) Courtallam	Water Falls	June to Sep.
	(d) Tenkasi	Siva Temple	Throughout the year
	(e) Mundanthurai	Tiger Sanctuary	June to Sep.
	(f) Papanasam	Water falls	Do.
	(g) Banatheertham	Starting Point of Tambarabarani river, Pilgrim centre.	Through out the year.
	(h) Uvari Beach	Seashore / Beach Resort	Do.

19 Chidambaranar	(a) Tiruchchur	Sea shore Temple of Murugan pilgrim centre	Through out the year
	(b) Panchalan- kurichi	Kattabomman Memorial Fort	Do.
	(c) Kazhugumalai	Jain Cave Temple	Do.
20 Kanniyakumari	(a) Kanniyakumari	Pilgrim land and centre, Vivekananda and Gandhi Memorials, Kumari- amma Temple, Meeting point of one Ocean and two seas, Sunrise and Sunset sights at one place.	Do.
	(b) Circular Fort (Vattakkottai)	Picnic spot and Beach	Do.
	(c) Suchindram	Siva Temple and Sculpture	Do.
	(d) Padmanabha- puram.	Inscriptions of 9th Century A.D. Palace and Museum.	Do.

TABLE 38.1—cont.

Serial number and District.	Distance in Km. from Madras City.		Name of Town.	Distance in Km. from the nearest town	
	By Rail.	By Road.		By Rail.    By Road.	
(1)	(5)	(6)	(7)	(8)	(9)
1 Madras	From Central Railway Station.				
a)	..	2.5	..	..	..
b)	..	8	..	..	..
c)	..	2.5	..	..	..
d)	..	2	..	..	..
e)	..	6.5	..	..	..
f)	..	6	..	..	..
g)	..	13	..	..	..
h)	..	13	..	..	..
i)	..	13	..	..	..
j)	..	13	..	..	..
k)	..	44	Namallapuram	..	14

2. Chengai-Anna	a) ..	60	Chengalpattu ..	40
	b) ..	77	.. ..	..
	c) .	87	Chengalpattu ..	35
	d) ..	72	Do. ..	25
	e) 60	65	Arakkonam ..	;
	f) 60	60	Thiruvallore. ..	20
3 South Arcot ..	a) 227	221	.. ..	..
	b) ..	300	Chidambaram ..	20
	c) ..	150	Tindivanam ..	30
	d) ..	140	Pondicherry. ..	25
4 North Arcot-Ambedkar.	a) 160	160	.. ..	..
	b) 240	255	Jolarpet ..	13
	c) ..	180	Vellore ..	20
5 Thiruvannamalai-Sambuvarayar.	a) ..	220	Thiruvannamalai ..	32
	b) 240	180	.. ..	..
	c) ..	190	Vellore ..	30

TABLE 38.1—cont.

Serial number and District. places	Distance in Km. from Madras City.		Name of Town.	Distance in Km. from the nearest town.		
	By Rail.	By Road.		By Rail.	By Road.	
(1)	(5)	(6)	(7)	(8)	(9)	
6 Salem	(a)	362	400	Salem	..	28
	(b)	..	460	Salem	..	24
	(c)	..	394	Namakkal	..	48
	(d)	..	416	..	..	..
	(e)	376	407	Salem	41	40
7 Dharmapuri ..	(a)	..	334	Dharmapuri	..	46
	(b)	..	340	Harur	..	20
	(c)	..	300	Krishnagiri	..	5

8 Periyar	.. (a) ..	460	Erode	..	60
	(b) ..	400	..	..	..
	(c) ..	400	Erode	..	20
	(d) ..	400	..	..	..
	(e) ..	420	Erode	..	40
9 Coimbatore	.. (a) 492	487	..	..	..
	(b) ..	482	Erode	..	60
	(c) ..	522	Coimbatore	..	15
	(d) ..	590	Do.	..	90
	(e) .	590	Do.	..	90
	(f) ..	561	Udumalpet	..	20
10 The Nilgiris	(a) 576	590	Coimbatore	89	89
	(b) 558	519	Udagamandalam	18	19
	(c) ..	518	Do.	..	29
	(d) ..	620	Do.	..	30

TABLE 18.1—cont.

Serial number and District Places	Distance in Km. from Madras City.		Name of Town.	Distance in Km. from the nearest town.	
	By Rail.	By Road.		By Rail.	By Road.
(1)	(5)	(6)	(7)	(8)	(9)
11 Thanjavur	(a) 351	311	..	..	..
	(b) ..	324	Thanjavur	..	13
	(c) 393	432	Vedaranyam	9	9
	(d) 313	270	Thanjavur	36	36
	(e) 317	267	Kumbakonam	..	5
	(f) ..	270	Do.	..	8
	(g) ..	348	Nagapattinam	..	14
	(h) ..	375	Maiduthurai	..	30
	(i) ..	328	Nagapattinam	..	5
	(j) ..	376	Peravurani	..	12



12 Tiruchirappalli	(a)	397	320	..	..
	(b)	326	316	Tiruchirappalli	4
	(c)	326	316	Do.	4
	(d)	..	300	Do.	..
	(e)	..	280	Chidambaram	..
	(f)	..	338	Tiruchirappalli	..
13 Pudukkottai	(a)	..	400	Do.	..
	(b)	..	480	Pudukkottai	..
	(c)	..	370	Do.	..
	(d)	..	360	Do.	..
	(e)	..	360	Do.	..
	(f)	..	398	Do.	..
	(g)	..	428	Avudayar Koll	..
14 Dindigul Quad- E-Millett	(a)	..	580	Madurai	..
	(b)	486	472	Do.	120
					121
					117

TABLE 38.1—cont.

Serial number and District.	Distance in Km from Madras City.		Name of Town.	Distance in Km. from the nearest town.	
	By Rail.	By Road.		By Rail.	By Road.
(1)	(5)	(6)	(7)	(8)	(9)
15 Madurai ..	(a) 492	444	....	..	..
	(b) 500	488	Madurai	..	8
	(c) ..	495	Do.	..	21
	(d) ..	550	Do.	..	69
	(e) ..	608	Do.	..	128
	(f) ..	430	Do.	..	14
	(g) ..	430	Do.	..	10
16 Ramanathapuram.	(a) 666	624	Do.	..	..
	(b) ..	427	Thiruvadantai	..	16
	(c) 648	606	Rameswaram	..	18
	(d) ..	518	Ramanathapuram	..	18

17	Kamarajar ..	560	540	Madurai	68	69
18	Tirunelveli Kattabomman	(a) 673	640	..	..	..
		(b) ..	655	Tirunelveli	..	13
		(c) 722	603	Do.	..	56
		(d) 722	635	Courtallam	..	5
		(e) ..	690	Do.	..	52
		(f) ..	649	Ambasamudram	..	10
		(g) ..	708	Tirunelveli	..	68
		(h) ..	730	Do.	..	80
19	Chidambaranar ..	(a) 711	620	Tirunelveli	68	68
		(b) ..	594	Do.	..	54
		(c) ..	690	Do.	..	51

TABLE 38.1—cont.

Serial number and District. Places	Distance in km. from Madras City		Name of Town.	Distance in km. from the nearest town.	
	By Rail.	By Road.		By Rail.	By Road.
(1)	(5)	(6)	(7)	(8)	(9)
20 Kanniyakumari	(a) 1007 (via Trivan- drum.)	714	..	..	..
	(b) ..	706 <sup>s</sup>	Kanniyakumari	..	6
	(c) <sup>z</sup> ..	713	Do.	..	13
	(d) 975	732 (via Trivan- drum)	Do.	32	32

Source : Director of Tourism, Madras

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APPENDIX

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## APPENDIX.

### METRIC SYSTEM OF WEIGHTS AND MEASURES.

TABLE-A.

<i>Length—</i>		
100 centimetres	..	1 metre.
1,000 metres	..	1 Kilometre.
<i>Weights—</i>		
1,000 milligrams	..	1 gram.
1,000 grams	..	1 kilogram
100 kilogram	..	1 quintal]
10 quintals	..	1 tonne.
<i>Capacity—</i>		
1,000 millilitres	..	1 litre.
1,000 litres]	..	1 kilolitre.
<i>Area—</i>		
1000 square metres	..	1 are.
100 ares	..	1 hectare or 10,000 square metres.
100 hectares	..	1 square kilometre.
<i>Volume—</i>		
100 cubic centimetres	..	1 cubic metre.

TABLE—B.

1 metre	.. ..	1.09 yards ; 39.4 inches.
1 kilometre	.. ..	0.62 mile; 5 furlongs.
1 gram .. ..	.. ..	0.04 oz.
1 kilogram	.. ..	2.20 lb.
1 quintal	.. ..	220.46 lb.
1 tonne	.. ..	0.98 ton, 2,204.6 lb.
1 litre	.. ..	0.22 gallon; 35 oz.
1 kilo litre	.. ..	220 gallons.
1 are .. ..	.. ..	1,076 square feet.
1 hectare	.. ..	2.47 acres; 10,000 square metres.
1 square kilometre	.. ..	0.39 square mile



**TABLE—C.**

1 inch	..	..	25.4 millimetres.
1 foot	..	..	30.5 centimetres.
1 yard	.	..	0.91 metre.
1 mile	..	..	1.61 kilometres.
1 lb.	..	..	0.45 kilogram; 454 grams.
1 viss	..	..	1,400 grams; 1.4 kilo-gram.
1 ton	..	..	1.02 tonne.
1 gallon	..	..	4.55 litres.
1 acre	..	..	0.40 hectare.
1 square mile	..	..	2.59 square kilometres.

TABLE—D.

*Recognised Abbreviations.*

millimetre	..	..	mm.
centimetre	..	..	cm.¶
metre	..	..	m.
kilometre	..	..	km.
gram ¶	..	..	g.
kilogram	..	..	kg.
quintal	..	..	q.
tonne	..	..	t.
millilitre	..	..	ml.
litre	..	..	l.¶
kilolitre	..	..	kl.
square metre	..	..	sq.m.
square kilometre	..	..	sq.km.
cubicmetre	..	..	cu.m.

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Date ..... 27-07-93