

Economy of Tamil Nadu

Tamil Nadu has the second largest economy of any state in India. [16] The state is also the most industrialised in the country. [17][18] The state is 48.40% urbanised, accounting for around 9.26% of the urban population in the country, while the state as a whole accounted for 5.96% of India's total population in the 2011 census. [19] Services contributes to 54% to the gross domestic product of the state, followed by manufacturing at 33% and agriculture at 13%. [20]

Government is the major investor in the state, with 52% of total investments, followed by private Indian investors at 29.9% and foreign private investors at 14.9%. It has been ranked as the most economically free state in India by the Economic Freedom Rankings for the States of India. [21]

Political economy of Tamil Nadu

<u>India</u> is a large country of different peoples, cultures, languages and landscapes. As a country with a <u>quasi-federal structure of Governance</u>, a lot of the <u>successes and failures of state governance</u> and economies can be attributed to state specific socio-economic contexts and policies.

For decades, Tamil Nadu has consistently performed above national averages for Social and Economic indicators and is today the 2nd largest economy in the country after Maharashtra. [22][23] These successes are impossible to discuss without acknowledging the unique Political Economy of the state as most of the growth seen by Tamil Nadu happened after national political parties lost

Economy of Tamil Nadu



Chennai, the capital of Tamil Nadu

CurrencyIndian rupee(INR, ₹)Fiscal year1 April – 31 March

Country group Developing/Emerging[1]

Upper-middle income economy[2]

Statistic	cs
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GDP ₹3,155,096 crore (US\$369 billion)

(2024–25 est.)^[3]

GDP rank 2nd

GDP growth 16% (2023-24)^[4]

GDP per capita ₹350,695 (US\$4,104) (2022-23 est.)[3]

GDP per capita 9th

rank

GDP by sector Services: 54% (2020–21)

Industry: 33%
Agriculture: 13%^[4]

Population below poverty line

▼ 4.3% in poverty (2020–21)^[5]

.____ Human

Development

▲ 0.738 high (2021) (11th)

Index

Unemployment ▼ 4.1% (Dec 2022)^[6]

External

Exports ₹4.21 lakh crore (US\$49 billion)

 $(2023-24)^{[7]}$

relevance in the state and were replaced by local <u>Dravidian Parties</u>. Since the <u>1967 legislative assembly election</u> in Tamil Nadu, the state has been ruled either by the <u>DMK</u> or its offshoot and rival, the <u>AIADMK</u>. Today, the 2 large Dravidian parties, the DMK and AIADMK together control 199 seats out of the 234 seats in the <u>Tamil Nadu Legislative Assembly</u>. [24]

In the 1960s, TN was lagging behind the Indian average in many socio-economic indicators. It's Urban and Rural poverty rates were worse than the pan-Indian average but as of 2011-12, poverty rates had come down to 6.5 percent, 3rd lowest among major states and lower than the economically important states of Maharashtra and Gujarat. [25]

Socio-politics of preindependence Madras Province

The growth of Tamil Nadu can be attributed to the unique development of the state's sociopolitical sphere. During the <u>British rule of India</u>, the territory of what is today Tamil Nadu was a part of the <u>Madras Province</u>.

Export goods	Automobiles, [8] mobile phones, [9] software, missile defense, electronics, telecommunications equipment, [10] armaments, [11] locomotives, [12] ships, machinery, steel, aluminium, transportation equipment, [13] tyres, toutiles, feet warr lockbox, shemicals
	textiles, footwear, leather, chemicals, cement, plastics, toys, food processing, seafood, vegetables, fruits, tea and coffee
Main export partners	Australia ^[14]
FDI stock	₹28,049 crore (US\$3.3 billion) (2017–18) $^{[15]}$
	Public finances
Government debt	26.29% of GSDP (2022–23 est.) ^[4]
Budget balance	₹-90,114 crore (US\$-11 billion) (3.63% of GSDP) (2022-23 est.) ^[4]
Revenues	₹2.36 lakh crore (US\$28 billion) (2022–23 est.) ^[4]

₹3.33 lakh crore (US\$39 billion)

(2022–23 est.)^[4]

All values, unless otherwise stated, are in US dollars.

Rationalist literature was used for the critique of Social power in a caste society. [25]

The following table shows the distribution of selected jobs among different caste groups in 1912 in Madras Presidency. [26]

Expenses

Caste group	Deputy collectors	Sub judges	District Munsifs	% of total male population
Brahmins	77	15	93	3.2
non-Brahmin Hindus	30	3	25	85.6
Muslims	15	nil	2	6.6
Indian Christians	7	nil	5	2.7
Europeans and Eurasians	11	nil	3	.1

Rise of Dravidian politics

It is this context of upper caste hegemony that gave rise to Dravidian politics. The discovery of a wealth of ancient Tamil and ancient Dravidian language literature, along with the discovery of the independent origin of Dravidian languages from Sanskrit, further helped build a counter-narrative. [25]

<u>C.N. Annadurai</u>, another important idealogue of the Dravidian movement and the founder of the <u>Dravida Munnetra Kazhagam</u> (DMK), a Dravidian party founded in 1949 and sought to enter electoral politics, also emphasized the dual identity of the worker. [25]

Dravidian politics and the economy

Institutionalised populism of Dravidian politics

The Dravidian parties have a history of <u>populist</u> policy making in Tamil Nadu. Economic popular policies seek to address specific grievances of specific groups. Therefore, Social and Economic popular policies can be differentiated by both their intent and content.

Democratisation of education

As of 2024, Tamil Nadu is the state with the highest education enrollment in India, with a gross enrollment ratio of 47%, surpassing the national average of 28.4%. The state has high levels of literacy across social groups and nearly 50 percent of youth finishing school enter tertiary education.

There exists an elite bias in the provision of public services such as health and education in India. Throughout India, higher and technical education, up till the 80s were developed at the expense of basic education. Lower classes and castes couldn't catch up and be represented in higher education due to the abysmal status of primary education. But socio-political changes in Tamil Nadu allowed it to buck this trend since there were heavy investments into universal primary education in the state until it was deemed sufficiently developed. Investments were then targeted at developing secondary education and then tertiary education. [25]

The positive outcome in education is a result of a near century long mobilisation for equal access to education, allowing people to escape poverty and enter the modern economy. The state has also focused on inclusivity in higher education. There exists an extensive affirmative action program to ensure pupil from all communities are represented at tertiary education. [25]

Macroeconomic trend

Socialist boom

Real GSDP per capita grew 96 per cent during 1980–95.

GSDP at market prices

Year	Gross State Domestic Product (000,000 rupees)	₹ per USD	GSDP Deflator (index 2011 = 100)	Per Capita Income (as % of USA)
1980	116,119	7.89	11.454	2.43
1981	139,555	8.68	12.456	2.38
1982	144,053	9.48	13.422	2.15
1983	167,345	10.10	14.709	2.14
1984	196,256	11.35	15.370	2.00
1985	224,851	12.33	16.820	1.95
1986	251,650	12.60	18.946	2.01
1987	297,345	12.94	21.040	2.17
1988	333,354	13.90	21.845	2.09
1989	389,898	16.21	23.894	1.94
1990	450,321	17.49	25.713	1.96
1991	531,048	22.71	29.452	1.72
1992	618,025	28.16	32.539	1.53
1993	745,165	31.29	36.111	1.58
1994	889,112	31.39	38.275	1.77

Capitalist boom

Real GSDP per capita grew 188 per cent during 1995–2014.

GSDP at market prices

Year	Gross State Domestic Product (000,000 rupees)	₹ per USD	GSDP Deflator (index 2011 = 100)	Per Capita Income (as % of USA)
1995	1,012,627	32.42	42.137	1.86
1996	1,155,473	35.51	45.815	1.84
1997	1,340,803	36.37	49.133	1.96
1998	1,530,613	41.36	53.557	1.87
1999	1,635,546	43.13	53.932	1.80
2000	1,789,259	45.00	55.728	1.77
2001	1,814,428	47.22	57.410	1.66
2002	1,927,711	48.63	59.943	1.65
2003	2,137,552	46.59	62.713	1.81
2004	2,466,685	45.26	64.934	2.00
2005	2,904,036	44.00	67.084	2.26
2006	3,497,531	45.19	70.127	2.49
2007	3,951,361	41.18	74.650	2.93
2008	4,520,346	43.39	80.984	3.10
2009	5,403,351	48.33	87.347	3.38
2010	6,587,827	45.65	94.144	4.17
2011	7,514,860	46.58	100.000	4.39
2012	8,548,250	53.37	107.956	4.24
2013	9,685,300	58.51	113.680	4.19

Economic boom

Real GSDP per capita grew 35 per cent during 2014–21.

GSDP at market prices

Year	Gross State Domestic Product (000,000 rupees)	₹ per USD	GSDP Deflator (index 2011 = 100)	Per Capita Income (as % of USA)
2014	10,726,780	61.00	119.998	4.24
2015	11,765,000	64.11	121.594	4.24
2016	13,026,390	67.20	125.645	4.32
2017	14,650,510	65.12	130.135	4.77
2018	16,302,090	68.40	135.324	4.75
2019	17,431,440	70.42	140.143	4.69
2020	18,082,390	74.10	145.171	4.68
2021	20,654,360	73.92	153.552	4.81

Sectors

Agriculture and livestock

Tamil Nadu has historically been an agricultural state, while its advances in other fields transformed the state into being an industrialized and innovation based economy, leading to competition for land and its resources. Agriculture is heavily dependent on the river water and monsoon rains. The perennial rivers are Palar, Cheyyar, Ponnaiyar, Kaveri, Meyar, Bhavani, Amaravathi, Vaigai, Chittar and Tamaraparani. Non-perennial rivers include the Vellar, Noyyal, Suruli, Siruvani, Gundar, Vaipar, Valparai and Varshali. Tamil Nadu ranks first in Cloves production with 1,059 metric tons in



Paddy fields in <u>Kanyakumari</u> District

the year 2022. Tamil Nadu is the highest producer of bananas and coconuts in the whole country. It is also a leading state in production of other crops such as sugarcane, cotton, kambu, <u>maize</u>, <u>rye</u>, <u>groundnut</u> and oil seeds. At present, Tamil Nadu is India's 4th largest producer of rice behind West Bengal, Uttar Pradesh and Punjab^{[28][29]} Tamil Nadu is the home to <u>Dr. M. S. Swaminathan</u>, known as the "father of the <u>Green</u> Revolution" in India. [30] The state is one of the major producers of turmeric in India.

Given below is a table of 2015–16 national output share of select agricultural crops and allied segments in Tamil Nadu based on 2011 prices [31]

Drumstick 98.0 Cloves 79.4 Tapioca 44.4 Coconut 29.1 Tamarind 25.3 Banana 19.4 Gooseberry 18 Ragi 17.8 Horsegram 17.5 Sapota 17.4 Floriculture 16.5 Turmeric 14.6 Urd 14.7 Groundnut 14.2 Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7	Segment	National Share %
Tapioca 44.4 Coconut 29.1 Tamarind 25.3 Banana 19.4 Gooseberry 18 Ragi 17.8 Horsegram 17.5 Sapota 17.4 Floriculture 16.5 Turmeric 14.6 Urd 14.7 Groundnut 14.2 Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8	Drumstick	98.0
Coconut 29.1 Tamarind 25.3 Banana 19.4 Gooseberry 18 Ragi 17.8 Horsegram 17.5 Sapota 17.4 Floriculture 16.5 Turmeric 14.6 Urd 14.7 Groundnut 14.2 Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8	Cloves	79.4
Tamarind 25.3 Banana 19.4 Gooseberry 18 Ragi 17.8 Horsegram 17.5 Sapota 17.4 Floriculture 16.5 Turmeric 14.6 Urd 14.7 Groundnut 14.2 Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Tapioca	44.4
Banana 19.4 Gooseberry 18 Ragi 17.8 Horsegram 17.5 Sapota 17.4 Floriculture 16.5 Turmeric 14.6 Urd 14.7 Groundnut 14.2 Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Coconut	29.1
Gooseberry 18 Ragi 17.8 Horsegram 17.5 Sapota 17.4 Floriculture 16.5 Turmeric 14.6 Urd 14.7 Groundnut 14.2 Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Tamarind	25.3
Ragi 17.8 Horsegram 17.5 Sapota 17.4 Floriculture 16.5 Turmeric 14.6 Urd 14.7 Groundnut 14.2 Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Banana	19.4
Horsegram 17.5 Sapota 17.4 Floriculture 16.5 Turmeric 14.6 Urd 14.7 Groundnut 14.2 Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Gooseberry	18
Sapota 17.4 Floriculture 16.5 Turmeric 14.6 Urd 14.7 Groundnut 14.2 Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Ragi	17.8
Floriculture 16.5 Turmeric 14.6 Urd 14.7 Groundnut 14.2 Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 14.6	Horsegram	17.5
Turmeric 14.6 Urd 14.7 Groundnut 14.2 Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Sapota	17.4
Urd 14.7 Groundnut 14.2 Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Floriculture	16.5
Groundnut 14.2 Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Turmeric	14.6
Cucumber 12.6 Maize 12.3 Egg 12.2 Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Urd	14.7
Maize 12.3 Egg 12.2 Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Groundnut	14.2
Egg 12.2 Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Cucumber	12.6
Carrot 12.1 Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Maize	12.3
Marine fish 11.8 Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Egg	12.2
Gur 11.6 Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Carrot	12.1
Water melon 11.4 Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Marine fish	11.8
Jackfruit 10.9 Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Gur	11.6
Jowar 10.6 Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Water melon	11.4
Tea 8.5 Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Jackfruit	10.9
Cocoa 8.2 Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Jowar	10.6
Moong 7.9 Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Tea	8.5
Oilseed 7.7 Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Cocoa	8.2
Papaya 7.4 Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Moong	7.9
Meat 7.5 Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Oilseed	7.7
Paddy 6.9 Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Papaya	7.4
Bean 6.7 Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Meat	7.5
Fruit and vegetable 6.3 Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Paddy	6.9
Sugarcane 6.1 Mango 5.8 Bitter gourd 5.6	Bean	6.7
Mango 5.8 Bitter gourd 5.6	Fruit and vegetable	6.3
Bitter gourd 5.6	Sugarcane	6.1
	Mango	5.8
Pear 5.3	Bitter gourd	5.6
	Pear	5.3

Mining

This is a chart of proven reserves of major minerals of Tamil Nadu^[32] by *Department of Geology and Mining* with figures in tonnes.

Mineral	Reserve	National Share %
Lignite	30,275,000	87
Vermiculite	2,000,000	66
Garnet	23,000,000	42
Zircon	8,000,000	38
Graphite	2,000,000	33
Ilmenite	98,000,000	28
Rutile	5,000,000	27
Monazite	2,000,000	25
Magnesite	73,000,000	17

Tamil Nadu has a few mining projects based on <u>Titanium</u>, Lignite, Magnesite, Graphite, <u>Limestone</u>, <u>Granite</u> and <u>Bauxite</u>. The first one is the <u>Neyveli Lignite Corporation</u> that has led development of large industrial complex around <u>Neyveli</u> in <u>Cuddalore</u> district with Thermal power plants, Fertilizer, Brequetting and Carbonisation plants. Tata Iron and Steel Company (TISCO) have entered into MoU with Government of Tamil Nadu in June 2002 for establishing a titanium dioxide (TiO₂) plant with a project outlay of \$650 million. Magnesite mining is done at <u>Salem</u> apart from which mining of Bauxite ores are carried out at Yercaud and this region is also rich in Iron Ore <u>Kanjamalai</u>. <u>Molybdenum</u> is found in Dharmapuri, and is the only source in the country.

Energy

Tamil Nadu, being an industrialized and urbanized state, is among the top 3 states with respect to generation of electricity. The total installed capacity of Tamil Nadu stands at around 30200 MW as in September 2018, that derives 11500 MW of power from solar and wind energy. Tamil Nadu has the distinction of being the leader in <u>renewable energy in India</u> by adopting clean sources of energy and having established wind farms as early as 1995. Today it produces more wind power than Denmark and the Netherlands.

Wind energy

The Tamil Nadu Energy Development Agency (TEDA) is a Tamil Nadu government promoting renewable energy sources and energy conservation activities. The agency has largely been responsible for instigating the tremendous growth of Tamil Nadu in the development of wind power. The total installed capacity of windmills in Tamil Nadu totals to around 8700MW. Muppandal wind farm is a

<u>renewable energy</u> source, supplying the villagers with electricity for work. [35][36] Wind farms were built in <u>Nagercoil</u> and <u>Tuticorin</u> apart from already existing ones around <u>Coimbatore</u>, <u>Pollachi</u>, <u>Dharapuram</u>, Kangeyam and Udumalaipettai.

Solar

In March 2008, Signet Solar Inc. [37] signed a memorandum of understanding with the State government to build a INR 20 billion thin-film silicon photovoltaic module manufacturing plant in the Sriperumbudur Special Economic Zone. [38] In June 2008, Moser Baer inked a MoU with the state government to build INR 20 billion plant for manufacturing of silicon-based photovoltaic thin film modules and allied products in the Oragadam Special Economic Zone which is closer to the Signet Solar's plant in Sriperumbudur. [39]

Nuclear

The <u>Kalpakkam</u> Nuclear Power Plant, Ennore Thermal Plant, <u>Neyveli</u> Lignite Power Plant, <u>Virudhachalam</u> Ceramics and the <u>Narimanam</u> Natural Gas Plants are major sources of Tamil Nadu's electricity. It is presently adding the <u>Koodankulam Nuclear Power Plant</u> to its energy grid. Tamil Nadu sources some of its power needs from renewable sources with wind power contributing over 2000 MW or over 20% of the needs. Tamil Nadu is facing largest power shortage since 2009 (34.1% deficit), the highest in the country, due to industrialization over the last decade. [40] India's leading steel producer <u>SAIL</u> has a steel plant in Salem, Tamil Nadu. [41] Tamil Nadu ranks <u>first nationwide</u> in diesel-based thermal electricity generation with national market share of over 34%.

Hydroelectric

The Mettur Dam is one of the largest dams in India. It was completed in 1936. The total length of the dam is 1700 meters. It is also called Stanley Reservoir. The Mettur Hydro Electrical power project is also quite large Mettur Dam. Mettur has a number of industries (50 km from Salem city): SISCOL, MALCO (Madras Aluminium Company owned by Vedanta Resources), Chemplast (former known as Mettur Chemicals), Thermal power plant, Hydel power plant and huge number of chemical industries. There are many other dams that provide irrigation and drinking water, including the Vaigai Dam.

Bio-diesel

Tamil Nadu at this time is the only state to have a formal Bio-Diesel Policy to use <u>jatropha crops</u> as a source of biofuel and to distribute wasteland to the poor farmers for the planting of these crops. [44]

Industry and manufacturing

One of the global electrical equipment public sector company <u>BHEL</u> has manufacturing plants at <u>Tiruchirappalli</u> and <u>Ranipet</u>. The Tamil Nadu state government owns the <u>Tamil Nadu Newsprint and Papers</u> (TNPL), the world's biggest <u>bagasse-based paper mills in Karur and Tiruchirappalli</u>. The world's sixth largest manufacturer of watches together with <u>TATA</u>, under the brand name of "Titan" which has manufacturing plant in <u>Hosur</u>. 40 percent of all wind-generated electricity in India is created by windmills in Tamil Nadu. Danish wind power company <u>NEG Micon</u> has established its manufacturing unit in Chennai. Tamil Nadu is a leading producer of cement in India and with manufacturing units located at <u>Ariyalur</u>, Coimbatore, <u>Karur</u> and <u>Tirunelveli</u>. High-density Polyethylene mono filament yarn

and associated products are manufactured in <u>Karur</u> for mosquito nets and fishing nets. More than 60% mosquito nets in India are manufactured here. The region around <u>Salem</u> is rich in mineral ores. The country's largest steel public sector undertaking, SAIL, has a steel plant in Salem.

Coimbatore is a major industrial hub in South India and houses more than 30,000 small, medium and large industries. Coimbatore is known as "Manchester of South India" due to its extensive textile industry and also referred to as "the Pump City" as it supplies half or 50% of India's requirements of motors and pumps. The city is one of the largest exporters of textile, jewellery, wet grinders, poultry and auto components and the term "Coimbatore Wet Grinder" has been given a Geographical indication. Larsen & Toubro has 300 acre huge manufacturing campus in Coimbatore which houses various units of company, manufactures aerospace and defence parts for leading players in the market.

<u>Tuticorin</u> is known as "Gateway of Tamil Nadu". Thoothukudi is the major chemical producer in the state. It produces the 70 percent of the total salt production in the state and 30 percent in the country.

IT/ITeS-Software

Tamil Nadu is one of the largest contributor of software exports majorly from its cities <u>Chennai</u>, <u>Madurai</u>, <u>Coimbatore</u>, <u>Salem</u>^[49] and <u>Trichy</u>. State has 526 engineering colleges, the most for any state in India giving the services industry access to qualified and skilled labour force. The top engineering colleges in Tamil Nadu have been a major recruiting hub for the IT firms. According to estimates, about 50 per cent of the human resources required for the IT and ITES industry was being sourced from the state. The state has a wide network of about 110 industrial parks and estates offering developed plots with supporting infrastructure. Also, the state government is promoting other industrial parks like Rubber Park, Apparel Parks, Floriculture Park, TIDEL Park for IT/ITS, TICEL BioPark for Biotechnology, Siruseri IT Park, Elcot SEZ and Agro Export Zones among others. Tamil Nadu has the largest number of Small and medium enterprises (SMEs) in India.

Automotive

<u>Chennai</u> is nicknamed "The <u>Detroit of Asia</u>". [54][55] It is home to large number of auto component industries. Over 11.2% of the *S&P CNX 500* conglomerates have corporate offices in Tamil Nadu. Tamil Nadu has manufacturing facilities from automobiles, railway coaches, battle-tanks, tractors, motorbikes and heavy vehicles to ships.

Alstom has a manufacturing facility in Coimbatore which manufactures rail transportation products.

Vehicle parts manufacturers

<u>Madras Rubber Factory</u> the local tyre manufacturer is located in Chennai and <u>Perambalur</u>. <u>TI cycles</u> of Murugappa group have their units in Chennai. UCAL Carburettors, TRW Rane, <u>TVS Group</u> are established in Hosur.TVS Srichakra Tyre works at Madurai. Coimbatore is home to <u>Pricol</u>, <u>Elgi Equipments</u>, Craftsman, Roots Horn, Rolon Chains and numerous Tier-I part suppliers.

Transportation industry

Custom built trucks operated in Tamil Nadu, Kerala and Karnataka are from <u>Tiruchengode</u>, <u>Sankagiri</u>, and <u>Namakkal</u>. 90 Percent of Private busses operating in South India are built in Karur. <u>Karur</u> is well known for its bus body building industries. More than 150 Bus body building industries are located in and around Karur. Apart from that, mostly all the TNSTC, MTC, SETC and PRTC busses are built in Karur.

Textiles and apparels

Tamil Nadu used to be the textile hub of India Tiruppur "Dollar City" due to its cotton production and textile industries. The textile industry plays a significant role in the Indian economy by providing direct employment to an estimated 35 million people, and thereby contributing 4% of GDP and 35% of gross export earnings. The textile sector contributes to 14% of the manufacturing sector. From Spinning to garment manufacturing, entire textile production chain facilities are in Tamil Nadu. About half of India's total spinning mill capacity is in Tamil Nadu. The western part of Tamil Nadu, comprising Coimbatore, Tirupur, Erode, Namakkal, Karur and Dindigul, has the majority of spinning mills manufacturing cotton/polyester/blended yarn, open end yarn and silk yarn used by garment units in Tamil Nadu, Maharastra etc. Yarn is also exported to China, Bangladesh etc. Tirupur knitted garment units have been exporting garments for about 3 decades with 2015–16 exports in the range of US\$3 Billion. Karur is the major home textile (Curtain cloth, bed linens, kitchen linens, toilet linens, table linens, wall hangings etc.) manufacturing and export hub in India. Erode is the main cloth market in south India for both retail and wholesale ready-mades. Madras (Chennai) has a large presence of woven garments (shirts/pants) manufacturing units. Madurai and Kanchipuram are famous for handloom sarees exported / sold all over India. Lakshmi Machine Works [LMW], one of the three major textile machinery manufacturing companies in the world is located in Coimbatore. Savio also has a factory in Coimbatore. Many textile component manufacturers are in Coimbatore and some export to the Europe etc.

Aerospace and defence

The defence industry in Tamil Nadu is one of the fastest growing sector in the states generating a huge amount of export revenue. Avadi in Chennai is the major and biggest defence industrial corridor stands out first in the defence exports of the state which headquarters many defence industries for numerous defence manufacturing public undertakings such as Heavy Vehicles Factory, Armoured Vehicles Nigam, Engine Factory Avadi, Combat Vehicles Research and Development Establishment, DRDO and Ordnance Depot. The other major defence industries of the state are Ordnance Factory Tiruchirappalli, L&T Aerospace & Defence unit Coimbatore, LMW Advanced Technology Centre Coimbatore, Ashok Leyland Defence Systems, Aerospace, Ramco Systems, TANEJA Aerospace and Salem Aerospace Limited. [56][57] The state has the country's first defence corridor and aerospace park. [58][59] The principal cities



Tamil Nadu Defence Corridor

manufacturing defence and aerospace components are <u>Chennai</u>, <u>Coimbatore</u>, <u>Tiruchirappalli</u>, <u>Salem</u> and the secondary manufacturing cities are <u>Nagercoil</u> and <u>Hosur</u>. [60][61] French aerospace and defence company, <u>Airbus</u> decided to invest 1 billion dollar (7,200 crores) in an aerospace project in Chennai. [62] The company has also planned to build a helicopter assembly factory in Tamil Nadu. [63] Tier - II cities of

<u>Coimbatore</u> and <u>Salem</u> also serves as a major export hub for defence manufacturing firms. [64] Defence, paramilitary and police personnel across the nation use guns, ammunitions and bullets manufactured from the city. [65][66] Special grade steel used in making missiles are manufactured in Salem. [67] India's multinational engineering conglomerate <u>L&T</u> joint venture with France-based <u>MBDA</u>, a world leader in missile systems planned a "L&T MBDA Missile Systems" facility at Aspen SEZ in Coimbatore serves as its hub to export fully assembled missile systems to Europe. [68]

Tamil Nadu also is the hub station where the first Indian made Fifth-generation jet fighter plane is to be manufactured. The Aeronautical Development Agency, which conceived and designed the Light Combat Aircraft (LCA) Tejas, set the ball rolling for building the next generation defence aircraft, the Advanced Medium Combat Aircraft (AMCA), by initiating in Coimbatore to build a technology demonstrator. The project – to be implemented in Sulur in Coimbatore district which will house the permanent base of the Tejas squadron – marks one of Tamil Nadu's first major defence aircraft project. [69]



IAF's Tejas fighter aircraft

Electronics

Electronics manufacturing is a growing industry in Tamil Nadu. Chennai has emerged as EMS Hub of India. Companies like Flextronics, Motorola, Sony-Ericsson, Foxconn, Samsung, Cisco, and Dell have chosen Chennai as their South Asian manufacturing hub. Products manufactured include circuit boards and cellular phone handsets. Ericsson also has a Research and Development facility in Chennai. Big EPC companies have set up their Engineering centres which include Saipem India Projects Ltd, Technip, Foster Wheeler, Schneider Electric, Mott MacDonald, Petrofac, Austrian company "Austrian Energy and Environment" have also a design office here besides local giant ECC Larsen & Toubro. Reliance Industries and Sanmina-SCI formed a joint venture in 2022 to manufacture electronics in Tamil Nadu. Nokia Siemens Networks has decided to build a manufacturing plant for wireless network equipment in Tamil Nadu.

The state with a projected population of about 66.5 million in year 2009 has a high mobile market share in India. According to statistics released by Telecom Regulatory Authority of India (TRAI), the state had a total subscriber base of 43 million mobile customers at the beginning of August 2009. [74][75]

Leather

Tamil Nadu accounts for 60 per cent of leather tanning capacity in India^[76] and 38 per cent of all leather footwear, garments and components. The state also accounts for 50 per cent of leather exports^{[77][78]} from India, valued at around US\$3.3 billion of the total US\$6.5 billion from India. Hundreds of leather and tannery facilities are located around Vellore and its nearby towns, such as Ranipet, Ambur and Vaniyambadi. The Vellore district is the top exporter of finished leather goods in the country. Vellore leather accounts for more than 37 percent^[79] of the country's export of leather and leather-related products (such as finished leathers, shoes, garments and gloves).

Hundreds of leather and tannery industries are located around <u>Vellore</u>, <u>Dindigul</u> and <u>Erode</u> its nearby towns such as <u>Ranipet</u>, <u>Ambur</u>, <u>Perundurai</u> and <u>Vaniyambadi</u> The tanning industry in India has a total capacity of 225 million pieces of hides and skins, of which Tamil Nadu alone contributes 70 per cent, a leading export product share at 40 per cent for India. It currently employs about 2.5 million persons. Leather exports by the end of 2000–2001 were INR90 billion.

Central Leather Research Institute, a CSIR research laboratory, is located in Chennai, the state capital.

Fireworks

The city of <u>Sivakasi</u> is a leader in the areas of printing, fireworks, and safety matches. It was fondly called as "Little Japan" by <u>Jawaharlal Nehru</u>. It contributes to 90% of India's fireworks production. Over 2,345 licensed fireworks factories are present around sivakasi city and around 2,34,000 people's are working. <u>Sivakasi</u> provides over 60% of India's total offset printing solutions. Only after <u>Gutenberg</u> in Germany, Sivakasi has more printing presses in the world.

Banking

The first modern bank in Tamil Nadu, <u>Bank of Madras</u> was started by the British in 1843. It was followed by the opening of other banks namely – <u>Arbuthnot & Co, Bank of Chettinad, Bank of Madura,</u> that were later merged under the supervision of RBI. The state serves as the headquarters for the second most banks in India, only next to the financial Capital <u>Mumbai</u>. The banking sector in Tamil Nadu is broadly classified into scheduled banks and non-scheduled banks. All banks included in the Second Schedule to the Reserve Bank of India Act, 1934 are Scheduled Banks. These banks are Scheduled Commercial Banks and Scheduled Co-operative Banks. Scheduled Co-operative Banks consist of Scheduled State Co-operative Banks and Scheduled Urban Cooperative Banks. Scheduled Commercial Banks in Tamil Nadu are categorised into five different groups according to their ownership and/or nature of operation:

- Nationalised Banks
- Private Sector Banks
- Foreign Banks
- Regional Rural Banks
- Small Finance Banks

The following are the list of Banks based in Tamil Nadu.

Bank Name	Established	Headquarter	Branches	Revenues	Total Assets	Ref/Notes
Indian Bank	1907	Chennai	2,836	₹43,414.34 crore (US\$5.1 billion)	₹394,771 crore (US\$46 billion)	[80]
Indian Overseas Bank	1937	Chennai	3,350	₹43,120.09 crore (US\$5.0 billion)	₹374,436.76 crore (US\$44 billion)	[81]
Karur Vysya Bank	1916	Karur	790	₹9,987.3 crore (US\$1.2 billion)	₹107,663.72 crore (US\$13 billion)	[82]
City Union Bank	1904	Kumbakonam	623	₹4,596.4 crore (US\$540 million)	₹66,289.44 crore (US\$7.8 billion)	[83]
Lakshmi Vilas Bank	1926	Chennai	565	₹2,568.4 crore (US\$300 million)	₹56,287.92 crore (US\$6.6 billion)	[84]
Tamilnad Mercantile Bank Limited	1921	Thoothukudi	509	₹3,911.7 crore (US\$460 million)	₹63,467.98 crore (US\$7.4 billion)	[85]
Equitas Small Finance Bank	2007	Chennai	412	₹1,908.77 crore (US\$220 million)	₹23,086.5 crore (US\$2.7 billion)	[86]
Tamil Nadu Grama Bank	2019	Salem	630	₹1,824.36 crore (equivalent to ₹20 billion or US\$240 million in 2023)	₹25,438.02 crore (US\$3.0 billion)	[87]
Repco Bank	1969	Chennai	153	₹984.5 crore (US\$120 million)	₹16,515 crore (US\$1.9 billion)	[88]
TNSC Bank	1905	Chennai	100+	₹485.7 crore (US\$57 million)	₹11,216 crore (US\$1.3 billion)	[89]

Transportation

Tamil Nadu has a well established transportation system that connects all parts of the state. This is partly responsible for the investment in the state. Though the present transportation system is substantial, it needs to be developed further to keep pace with the rapid increase in use. [90] Tamil Nadu is served by an extensive road network in terms of its spread and quality, providing links between urban centres, agricultural market-places and rural habitations in the countryside.



Kathipara Junction in Chennai

Road

There are 28 national highways in the state, covering a total distance of 5,036 km (3,129 mi). The state is also a terminus for North-South Corridor Road (NH44) and the Golden Quadrilateral project that is 99.2% completed as of 31 July 2010. Chennai Mofussil Bus Terminus is the largest bus terminal in Tamil Nadu. The state has a total road length of 167,000 km, of which 60,628 km are maintained by Highways Department. This is nearly 2.5 times higher than the density of all-India road network. It

ranks second with a share of over 20% in total road projects under operation in the public-private partnership model. [94] It is currently working on upgrading its road network, though the pace of work is considered slow. [95]

Railway

Tamil Nadu has a well-developed rail network as part of Southern Railway. Headquartered at Chennai, the present Southern Railway network extends over a large area of India's Southern Peninsula, covering the states of Tamil Nadu, Kerala, Puducherry, minor portions of Karnataka and Andhra Pradesh. Tamil Nadu has a total railway track length of 6,693 km and there are 690 railway stations in the state. The system connects it with most major cities in India. Main rail junctions in the state include Chennai, Coimbatore, Madurai, Katpadi, Erode, Thanjavur, Trichy, Salem and Tirunelveli. Chennai has a well-established Suburban Railway network, a Mass Rapid Transport System and is currently developing a Metro system, with its first underground stretch operational since May 2017. Rapid Transit (Metro) or Light Metro system in Coimbatore and Madurai are currently in under process [96]



Three 747s at Chennai Cargo Terminal. Chennai cargo terminal is the second busiest in India.



The Madras Port, the second biggest port in South Asia

Air

Tamil Nadu has a major international airport, Chennai International Airport, that is connected with 27 countries with more than 500 direct flights every day. Other international airports in Tamil Nadu include Coimbatore International Airport, Madurai International Airport and Trichy International Airport. Chennai International Airport is currently the fourth largest international airport in India after Delhi, Mumbai, and Bangalore has a passenger growth of 18%. It also has domestic airports at Salem, Thoothukudi making several parts of the state easily accessible. Increased industrial activity has given rise to an increase in passenger traffic as well as freight movement which has been growing at over 21.3 per cent per year. [97]

Ports

Tamil Nadu has four major ports at <u>Chennai</u>, <u>Ennore</u>, <u>Kattupalli</u> and <u>Tuticorin</u>, as well as one intermediate port, <u>Nagapattinam</u>, and seven minor ports, <u>Rameswaram</u>, <u>Kanyakumari</u>, <u>Cuddalore</u>, <u>Colachel</u>, <u>Karaikal</u>, <u>Pamban</u> and <u>Valinokkam</u> of which are currently capable of handling over 73 million metric tonnes of cargo annually (24 per cent share of India). All the minor ports are managed by the Tamil Nadu Maritime Board. Chennai Port is an artificial harbour situated on the Coromandel Coast in South-East India and it is the second principal port in the country for handling containers. It is currently being upgraded to have a dedicated terminal for cars capable of handling 400,000 vehicles by 2009 to be used by Hyundai, Ford and Nissan Renault. Ennore Port was recently converted from an intermediate port to a major port and handles all the coal and ore traffic in Tamil Nadu. The volume of cargo in the ports grew by 13 per cent over 2005.

US\$1.6 billion. [102] The <u>Sethusamudram Shipping Canal Project</u> will transform the <u>Tuticorin</u> port into a <u>transshipment</u> hub similar to those in Singapore and <u>Colombo</u>. The ports are in need of improvement and some of them have container terminals privatised.

Tourism

Owing to the <u>ancientness</u> and <u>depth</u> of its civilization, Tamil Nadu has been a hub for <u>tourism</u>. In recent years, the state has emerged as one of the leading tourist destination for both domestic and foreign tourists. Tourism in Tamil Nadu is promoted by Tamil Nadu Tourism Development Corporation (TTDC), a Government of Tamil Nadu undertaking. The state currently ranks the highest among Indian states with about 248 million arrivals in 2013. The annual growth rate of the industry stood at 16 per cent. Approximately 2,804,687 foreign and 111,637,104 domestic tourists visited the state in 2010. [104]

The state boasts some of the grand Hindu temples built in Dravidian architecture. The Brihadishwara Temple in Thanjavur, built by the Cholas, the Airavateswara temple in Darasuram and the Shore Temple, along with the collection of other monuments in Mahabalipuram (also called Mamallapuram) have been declared as UNESCO World Heritage Sites. Madurai is home to the Madurai Meenakshi Amman Temple. Sri Ranganathaswamy Srirangam is the largest functioning temple in the world, Tiruchirappalli where the famous Rockfort Temple is located, Rameshwaram whose temple walk-ways corridor (Praagarams) are the longest 1.2 km (0.75 mi) of all Indian temples in the world, Kanchipuram and Palani are important pilgrimage sites for Hindus. Other popular temples in Tamil Nadu include those in Gangaikonda Cholapuram, Chidambaram, Thiruvannaamalai, Tiruchendur, Tiruvarur, Kumbakonam, Srivilliputhur, Tiruttani, Namakkal, Vellore, Karur, Bhavani, Coimbatore, Kanniyakumari.

Tamil Nadu is also home to hill stations like Udhagamandalam (Ooty), Kodaikanal, Yercaud, Coonoor, Topslip, Valparai, Yelagiri and Manjolai. The Nilgiri hills, Palani hills, Shevaroy hills, Kolli Hills and Cardamom hills are all abodes of thick forests and wildlife.



Statue of <u>Thiruvalluvar</u>, Kanniyakumari, Tamil Nadu



Shore Temple, Mahabalipuram (built in 700–728 AD) in <u>Tamil</u> Nadu

Tamil Nadu has many National Parks, Biosphere Reserves, Wildlife Sanctuaries, Elephant and Bird Sanctuaries, Reserved Forests, Zoos and Crocodile farms. Prominent among them are Mudumalai National Park, The Gulf of Mannar Biosphere Reserve, Anaimalai Wildlife Sanctuary, Vedanthangal Bird Sanctuary and Arignar Anna Zoological Park. The mangrove forests at Pichavaram are also eco-tourism spots of importance.

Kanyakumari, the southernmost tip of peninsular India, is famous for its beautiful sunrise, Vivekananda Rock Memorial and Thiruvalluvar's statue built off the coastline. Marina Beach in Chennai is one of the longest beaches in the world. The stretch of beaches from Chennai to Mahabalipuram are home to many resorts, theme parks and eateries. The prominent waterfalls in the state are Courtallam, Hogenakkal,

Papanasam, Manimuthar, Thirparappu, Pykara and Silver Cascade. The Chettinad region of the state is renowned for its Palatial houses and cuisine. With medical care in Chennai, Vellore, Coimbatore and Madurai, Tamil Nadu has the largest numbers in Medical tourism in India.

Services

Tamil Nadu has 526 engineering colleges, the most for any state in India giving the services industry access to qualified and skilled labour force. The state has a wide network of about 110 industrial parks and estates offering developed plots with supporting infrastructure. Also, the state government is promoting other industrial parks like Rubber Park, Apparel Parks, Floriculture Park, TIDEL Park for IT/ITS, TICEL BioPark for Biotechnology, Siruseri IT Park, Elcot SEZ and Agro Export Zones among others. Tamil Nadu has the largest number of Small and medium enterprises (SMEs) in India.

This is a chart of trend of software exports from Tamil Nadu published by <u>Electronics Corporation of Tamil Nadu</u> with figures in Crores of Indian Rupees. [105]

Year	Software exports
1995	₹370 crore (US\$43 million)
2000	₹31,160 crore (US\$3.6 billion)
2005	₹41,150 crore (US\$4.8 billion)
2010	₹62,100 crore (US\$7.3 billion)
2013	₹82,450 crore (US\$9.6 billion) ^[106]
2017	₹111,179 crore (US\$13 billion)[107]
2018	₹139,129 crore (US\$16 billion)[108]

Chennai is the second largest software exporter in India, next only to Bangalore. India's largest IT park is housed at Chennai. Software exports from Tamil Nadu during 2017–2018 rose 8.6% per cent to touch ₹1,11,179 crore, involving a workforce of 780,000. [107]



Chennai is the largest hub for e-publishing, as there are 67 e-publishing units registered with the <u>STPI</u> in Chennai and 25 in Bangalore. Companies such as <u>HCL Technologies</u>, <u>NTT DATA</u>, <u>Wipro</u>, <u>Tata Consultancy Services</u>, <u>Capgemini</u>, <u>Amazon.com</u>, <u>LTI</u>, <u>Tech Mahindra</u>, <u>Infosys</u>, <u>IBM</u>, <u>Cognizant</u>, <u>Accenture</u>, <u>Sopra Steria</u>, <u>CGI Inc.</u>, <u>Verizon</u>, <u>DXC Technology</u>, <u>Atos</u>, <u>Virtusa</u> and many others have offices in Chennai. Infosys Technologies has set up India's largest software development centre to house 25,000 software professionals at an estimated investment of ₹12,500 million (US\$150 million) in Chennai. India's largest IT park − SIPCOT is housed at Siruseri − Chennai, It has numerous IT companies such as TCS, CTS, Syntel, Steria, Polaris, Patni, Hexaware etc. Chennai has been rated as the most attractive city for offshoring services. [110] Coimbatore is second largest Software exporter in Tamil Nadu with presence of Amazon.com</u>, <u>Bosch</u>, <u>Cognizant</u>, Ford, <u>NTT Data</u>, <u>TCS</u>, <u>Wipro</u>, <u>HCL</u>, <u>Capgemini</u>, <u>Harman</u>, <u>Deloitte</u>. <u>Cognizant</u> has more than 13,000 employees working in Coimbatore, which is their second largest headcount in India after Chennai. <u>Bosch</u> has one of the largest R&D development centre in Coimbatore outside Germany which employees close to 5500 in the city. Madurai is the next biggest IT city. Companies like HCL, Honeywell, Mindtree, Tata Consultancy Services are in Madurai. A new TIDEL

park is proposed at Madurai Maatuthavani. The IT Companies like <u>Capgemini</u>, <u>Sutherland</u>, TTS Business Services, Sun Business Solution (Sun Group), <u>Scientific Publishing</u>, Omega Healthcare, Vagus Technologies, MMC Infotech are also in Tiruchirappalli.

Chennai has emerged as the "SaaS Capital of India". [111][112][113][114][115] The SaaS sector in/around Chennai generated US\$1 Billion in revenue and employed about 10000 personnel in 2018. [114]

Government revenues

Tamil Nadu ranks fourth nationwide of all state governments in tax revenue. (*See:* States of India by tax revenues.) This is a chart of trend of tax revenues (including the shares from Union tax pool) extracted from the Consolidated Fund of the Government of Tamil Nadu^[116] with figures in millions of Indian Rupees. See also the Finance Commission of India report. Tax revenues of local bodies are excluded. As of June 29, 2024, Tamil Nadu's debt burden is estimated to be Rs 8.34 lakh crore. This makes it the state with the highest outstanding debt in India.

Year	Tax revenues	Sales tax	Excise duties	Registration fees	Corporation tax	Vehicle tax
1950	441 ^[a]					
1955	270	112 ^[b]	3	7		
1960	417	191				
1965	723	409	4	99 ^[c]		133
1970						
1975	3,190					
1980						
1985						
1990	34,508	20,659	4,348	2,263		2,273
1995	79,045	46,892	9,346	6,130		3,922
2000	150,659	81,971	18,686	9,101		5,904
2005	253,232	143,607 ^[d]	24,780	15,628 ^[e]	13,846	11,305

This is a chart of trend of non-tax revenues and grants-in-aid extracted (http://www.tn.gov.in/budget/finan ce/revenue%20receipts.pdf) from the Consolidated Fund of the Government of Tamil Nadu with figures in millions of Indian Rupees. See also [117] and [118] Non-tax revenues of local bodies are excluded.

Year	Non-tax revenues	Interest	Mining	Grants-in-aid
1960	197			114
1965	466			233
1970				
1975				
1980				
1985				
1990	3,814	897	588	12,555
1995	8,584	3,428	672	18,362
2000	17,107	4,036	3,953	15,398
2005	21,014	5,673	4,274 ^[f]	28,268

Government debt

Amount in Crores:

Fin year	Bought	Repaid	Total debt
31 March 2000			23,840 [119][usurped]
31 March 2001			28,685
31 March 2006			57,457
31 March 2007			60,170
31 March 2008			64,655
31 March 2009			74,858 ^[120]
31 March 2011			1,12,000 ^[121]
31 March 2012			1,35,060 ^[122]
2013 - 2014			1,55,129
2014 - 2015			1,78,170
2015 - 2016			2,11,483
2016 - 2017			2,52,431
2017 - 2018			3,14,366
2018 - 2019			3,55,845
2019 - 2020			3,97,000
2020 - 2021			4,56,661

Gallery

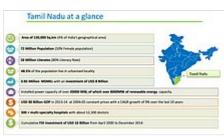
Notes

- a. includes the province of Hyderabad
- b. includes revenues from non-ferrous mining and metallurgical industries
- c. includes stamp fees
- d. includes tax on trades
- e. includes stamp fees
- f. includes revenues from non-ferrous mining and metallurgical industries

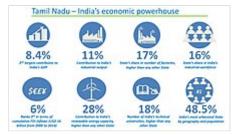
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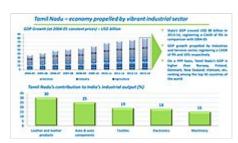


Stats about Tamil Nadu



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Tamil Nadu's contribution to India's industrial output



Strategic location of Tamil Nadu



Tamil Nadu's strong social and educational infrastructure



Tamil Nadu rankings



Tamil Nadu statistics

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