

TAMIL NADU



December 2020

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Executive summary...(1/2)

1

Strong growth in GSDP

- Gross State Domestic Product (GSDP) of Tamil Nadu grew at a CAGR of 12.20 % between 2015-16 and 2020-21, reaching about Rs. 20.92 trillion (US\$ 269.32 billion) in 2020-21.



2

Strong investment climate and Human resource

- The cumulative FDI inflow* in the state during April 2000 to March 2020 amounted to US\$ 32.20 billion.
- Tamil Nadu has 59 universities, 40 medical colleges, 517 engineering colleges, 447 polytechnics and 20 dental colleges.



3

Diversified industrial base

- Tamil Nadu has a diversified manufacturing sector and features among the leading states in several industries like garments & textile products, IT & ITeS, etc.
- It ranks first among the states in terms of number of factories and industrial workers.



Source: Central Statistics Office, Department for Promotion of Industry and Internal Trade ,¹Including Puducherry, News articles

4

Thriving services sector

- As of March 2019, IT & ITeS exports from Tamil Nadu have increased to Rs. 1.39 lakh crore (US\$ 19.9 billion) in 2018-19, at a growth rate of 10 % year-on-year.
- It has a thriving tourism sector and ranks 2nd in India in terms of number of domestic tourist arrivals and 1st in foreign tourist arrivals in 2019(P).



5

Robust infrastructure

- It has well developed infrastructure with an excellent road and rail network, three major ports, 23 minor ports, and seven airports across the state providing excellent connectivity.
- In line with Vision 2023, it aims to step up infrastructure investment from 4-5 % of GSDP to about 11.5 % by 2019.
- Roads & highways, ports, railways, education and healthcare are likely to see major investments.
- The state also plans to develop 2 industrial corridors - Chennai-Bengaluru & Madurai-Tuticorin.



INTRODUCTION





Tamil Nadu fact file





Chennai
Capital


130,058 sq.km.
geographical area


80.33%
literacy rate


555 persons per sq km
Population density


36 million
female population


administrative districts: **32**


72.14 million
total population


36.13 million
male population

996
Sex ratio
(females per 1,000 males)

Key Insights

- Tamil Nadu is the southern-most Indian state, surrounded by Andhra Pradesh on the north, Karnataka and Kerala on the west, Indian Ocean on the south, and Bay of Bengal on the east.
- Tamil Nadu is among the most industrialised states in the country. Tamil is the state language; English is also commonly used for communication and as a medium of education.
- Chennai, Coimbatore, Madurai, Thiruchirappalli, Salem, Tirunelveli and Erode are some of the key cities in the state.
- The climate ranges from dry sub-humid to semi-arid. Major rivers flowing through the state include Palar, Cheyyar, Ponnaiyar, Kaveri, Bhavani, Vaigai and Tamaraparani.

Source: Government of Tamil Nadu website, Census 2011, Maps of India

Advantage

2 RICH TALENT POOL

- The state has a highly qualified, skilled, disciplined, productivity-oriented and English-speaking human resource pool.
- Tamil Nadu produces nearly 4 lakh engineering and polytechnic students every year, the highest in the country.

1 HIGH ECONOMIC GROWTH

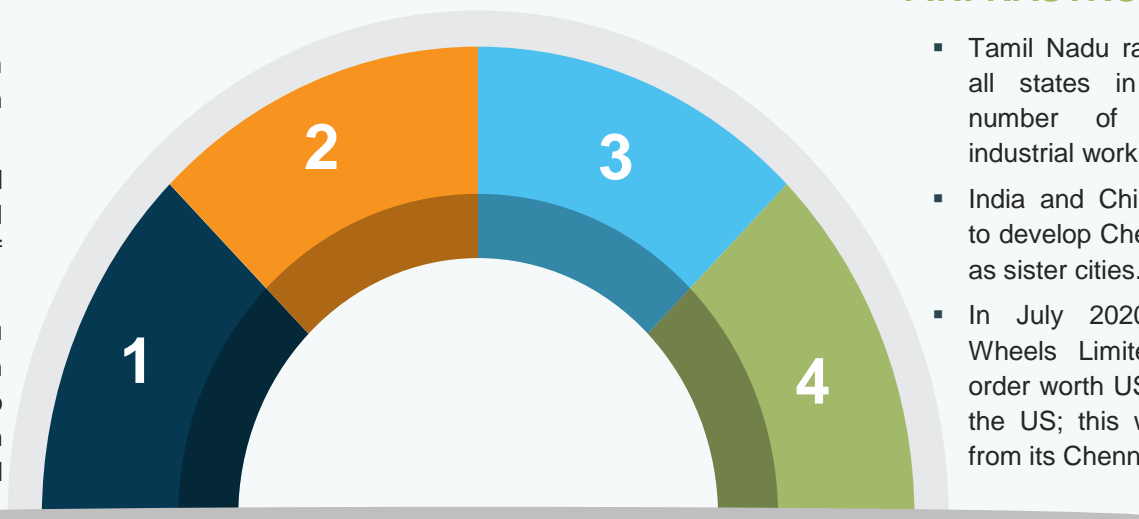
- The GSDP at current price of Tamil Nadu grew at a CAGR of 12.20 % between 2015-16 and 2020-21.
- Total merchandise exports from the state stood at US\$ 30.52 billion during 2018-19.
- According to the Good Governance Index 2019, Tamil Nadu ranked first in terms of governance.
- In July 2020, the Tamil Nadu government signed MoUs worth US\$ 1.48 billion; this is expected to create 13,507 jobs in fields such as solar cells, data centres and industrial parks

3 LARGE INDUSTRIAL BASE

- Tamil Nadu has well-developed social, physical and industrial infrastructure and virtual connectivity.
- Excellent road and rail network, three major ports, 15 minor ports and seven airports provide excellent connectivity.
- It is one of the first states in India to have 100 % metalled road connectivity.
- In December 2020, the Tamil Nadu government signed memorandum of understanding (MoUs) for 18 projects and laid foundation stones and signed for a total investment of Rs. 24,458 crore (US\$ 3.34 billion).

4 INFRASTRUCTURE

- Tamil Nadu ranks first among all states in terms of the number of factories and industrial workers.
- India and China have agreed to develop Chennai-Chongqing as sister cities.
- In July 2020, Steel Strips Wheels Limited received an order worth US\$ 1 million from the US; this will be executed from its Chennai plant



*Note: * - According to Employees' Provident Fund Organisation (EPFO) data*

Source: Ministry of Statistics and Programme Implementation, March 2015. Tamil Nadu Vision 2023 at 2010 Prices; News articles

1 Growth

- To be India's most economically prosperous state by 2023 and achieve six-fold growth in per capita income.

2 Opportunities

- To exhibit a highly inclusive growth pattern, leading to be a poverty free state with opportunities for gainful and productive employment.
- To nurture a culture of responsive and transparent governance that ensures progress, security and equal opportunity to all stakeholders..

3 Development

- To become the leading state in social development, with the highest Human Development Index among all Indian states.



4 Infrastructure

- To provide the best infrastructure services in India in terms of access to housing, water & sanitation, energy, transportation, irrigation, connectivity, healthcare and education.

7 Reduce vulnerability

- To address the causes of vulnerability arising due to natural calamities and economic downturns, among others, and mitigate their adverse effects.

6 Trade & Heritage

- To ensure peace, security and prosperity for all citizens and businesses, facilitating free trade movement between the state, rest of India & the world.
- To preserve and care for the state's ecology and heritage.

5 Investment

- To become one of the top three preferred investment destinations in India and Asia.
- To be India's innovation hub and knowledge capital.
- The state targets attracting investments to the tune of US\$ 248.84 billion between 2012-2023.

Tamil Nadu in figures

Tamil Nadu's Contribution to Indian Economy (2019-20)

 **GSDP as a percentage of all states' GSDP**
India: 100.0 | Tamil Nadu: 8.43

 **GSDP growth rate** (%)**
India: 11.5 | Tamil Nadu: 12.20


 **Per capita GSDP* (US\$)**
India: 1,982.65 | Tamil Nadu: 3,449.98


Social Indicators

 **Literacy rate (%)**
India: 73 | Tamil Nadu: 80.09


 **Birth rate (per 1,000 population)**
India: 20.0 | Tamil Nadu: 14.7

Industrial Infrastructure

 **Operational PPP projects (No.)**
India: 1,877 | Tamil Nadu: 84

 **Exporting SEZs (no.) (As of February 2020)**
India: 240 | Tamil Nadu: 41


Physical Infrastructure in Tamil Nadu

 **Installed power capacity (MW) (November 2020)**
India: 374,199.04 | Tamil Nadu: 32,970.19

 **Wireless subscribers (million) (as of September 2020)**
India: 1,148.58 | Tamil Nadu: 79.39


 **Internet subscribers (in June 2020) (million)**
India: 749.07 | Tamil Nadu: 51.04

 **National highway length (km) (As of September 2019)**
India: 132,499.5 | Tamil Nadu: 6,741.5

 **Major and minor ports (No.)**
India: 13+187 | Tamil Nadu: 3+15

 **Airports (No.)**
India: 125 | Tamil Nadu: 8

Investments (as of September 2020)

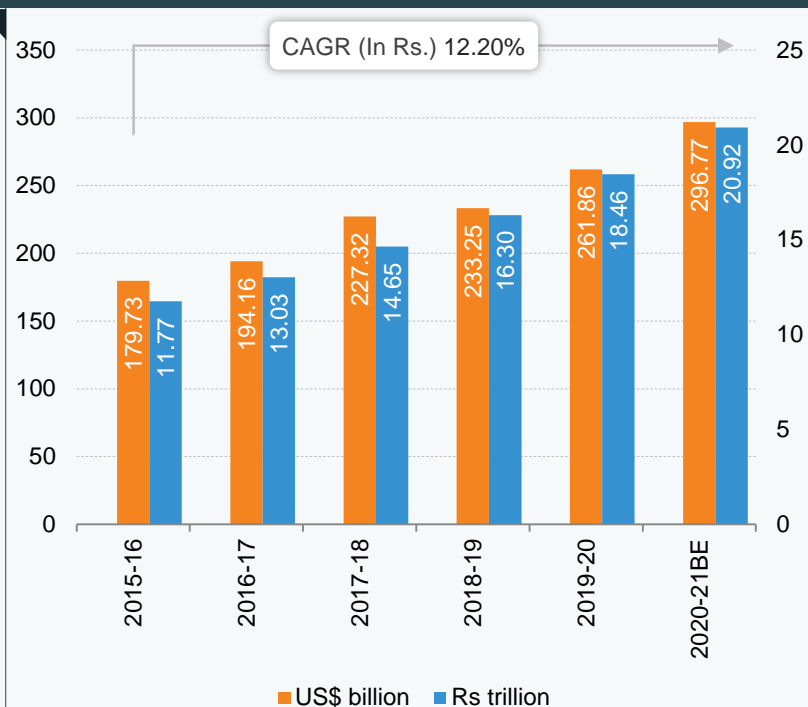
 **Cumulative FDI equity inflow (from October 2019 to September 2020) (US\$ million)**
India: 30,443.59 | Tamil Nadu: 1,943.87

*Note: GSDP, per capita GSDP figures are for 2017-18 taken at current prices, Conversion rate: 64.45, For source refer to Annexure, ** - year-on-year, MW- megawatt, FDI- Foreign direct investment, MN- Million*



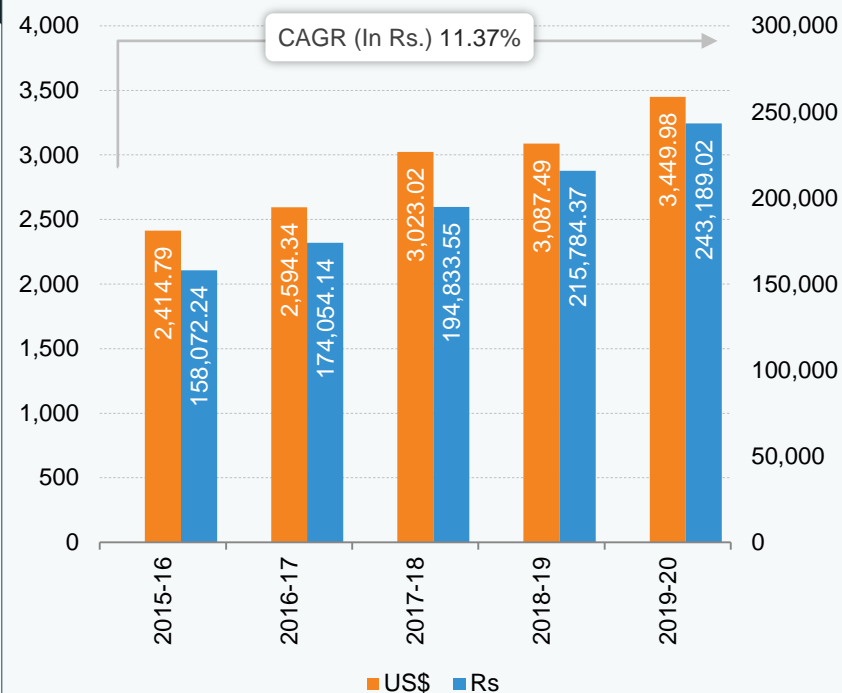
Economic snapshot – GSDP

GSDP of Tamil Nadu at current prices



- At current prices, Tamil Nadu's Gross State Domestic Product (GSDP) was about Rs. 18.46 trillion (US\$ 261.86 billion) in 2019-20.
- The GSDP of the state grew at a CAGR of 12.20% between 2015-16 and 2020-21.

GSDP per capita of Tamil Nadu at current prices

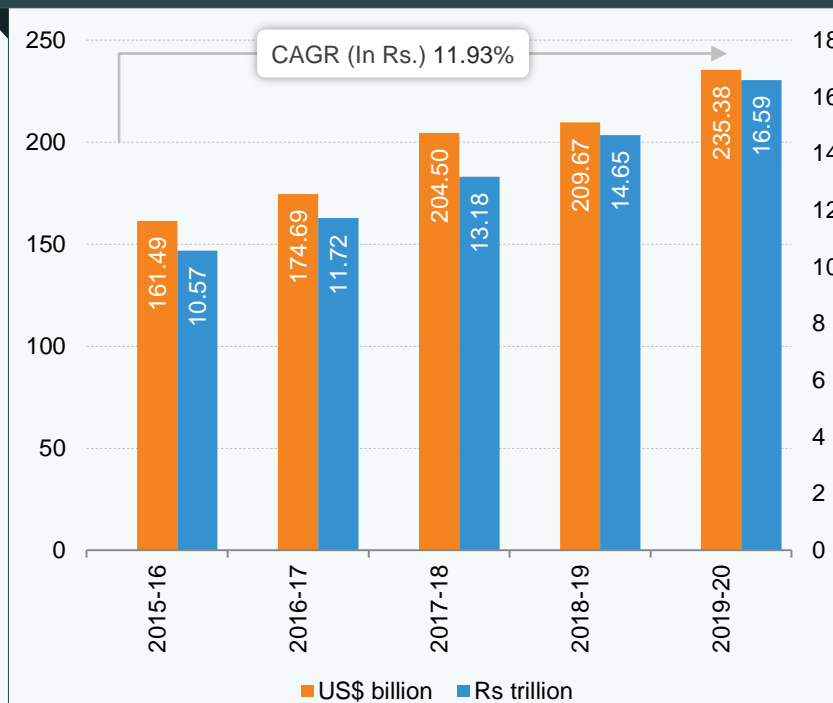


- The state's per capita GSDP was Rs. 243,189 (US\$ 3,479.6) in 2019-20.
- Per capita GSDP increased at a CAGR of 11.4 % between 2015-16 and 2019-20.

Source: Ministry of Statistics and Programme Implementation

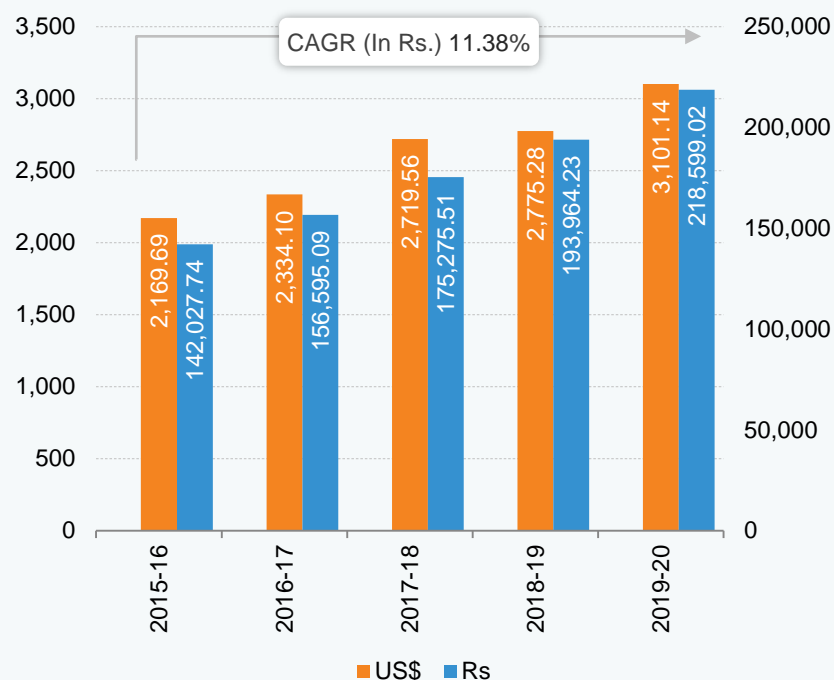
Economic snapshot – NSDP

NSDP of Tamil Nadu at current prices



- Tamil Nadu's Net State Domestic Product (NSDP) was about Rs. 16.73 trillion (US\$ 235.38 billion) in 2019-20.
- NSDP of the state grew at a CAGR of 11.93 % between 2015-16 and 2019-20.

NSDP per capita of Tamil Nadu at current prices

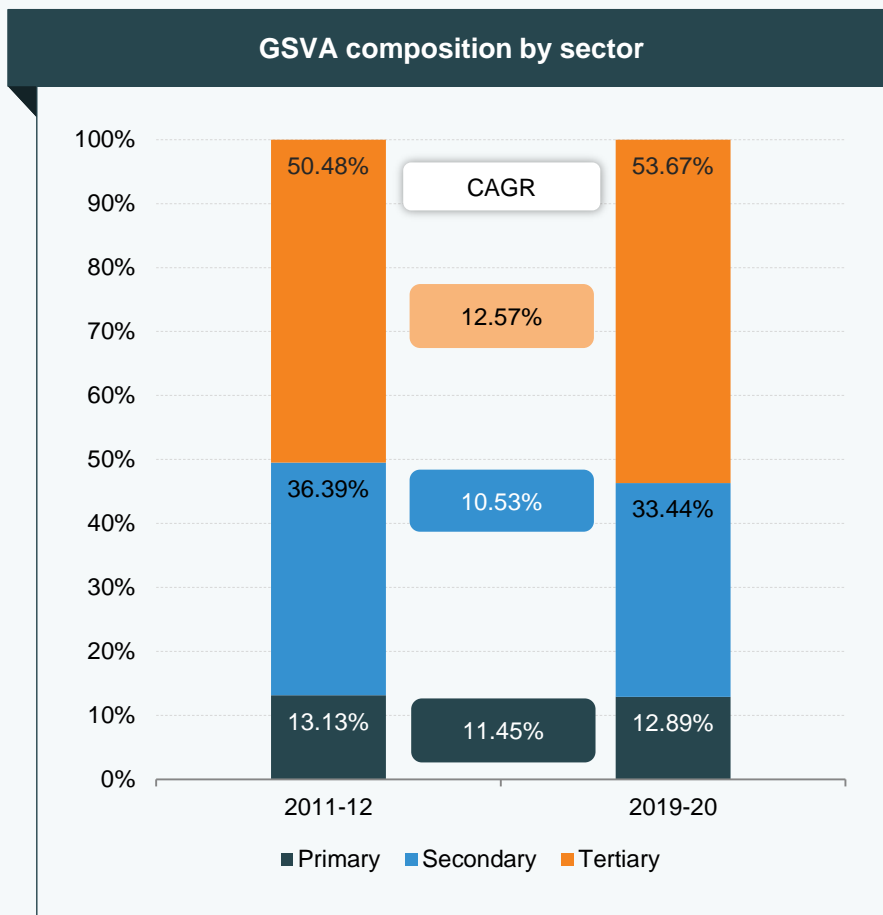


- The state's per capita NSDP was Rs. 218,599.02 (US\$ 3,101.14) in 2019-20.
- The per capita NSDP increased at a CAGR of 11.38 % between 2015-16 and 2019-20

Source: Ministry of Statistics and Programme Implementation

Economic snapshot – Percentage distribution of GSDP

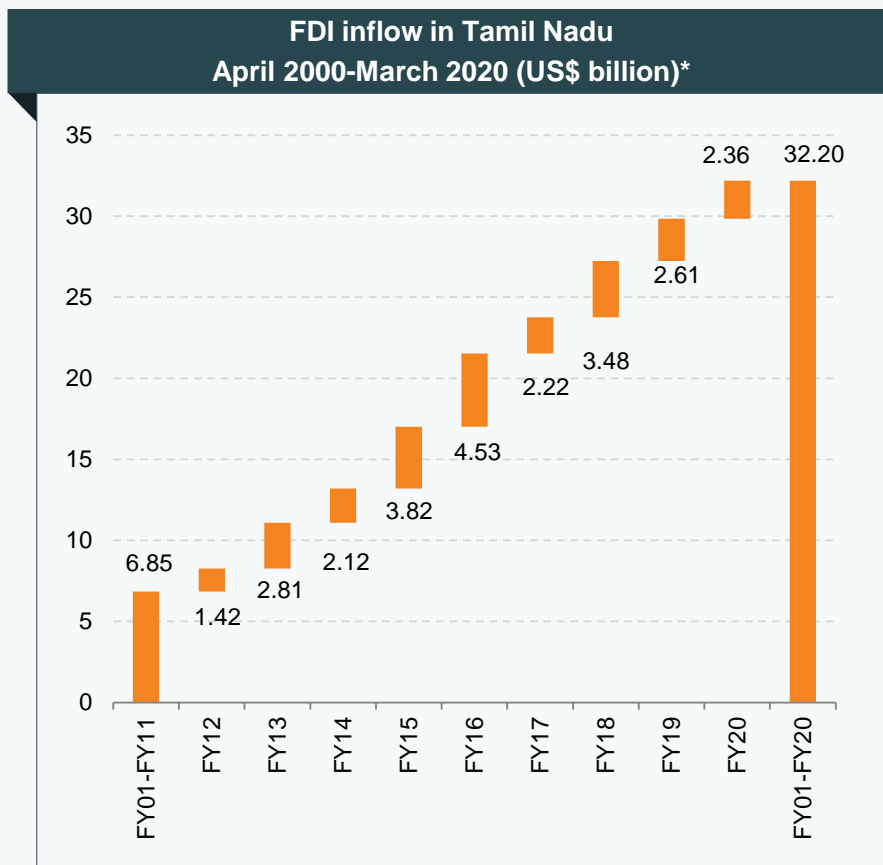
- In 2019-20, the tertiary sector contributed 54.67% to the state's Gross State Value Added (GSVA) at current prices, followed by secondary sector at 33.44%.
- The tertiary sector increased at a CAGR of 12.57% between 2011-12 and 2019-20, driven by trade, air transport, railways, hotels, real estate, finance, communications and other services.
- The secondary sector increased at a CAGR of 10.53% in this period, driven by the utility and manufacturing sectors.
- The primary sector posted at a CAGR of 11.45% between 2011-12 and 2019-20.



Source: Ministry of Statistics and Programme Implementation

Economic snapshot – FDI inflow & investments

- According to DPIIT, cumulative FDI inflow* in Tamil Nadu stood at US\$ 32.20 billion between April 2000 and March 2020.
- Between October 2019 and September 2020, FDI inflows in Karnataka stood at US\$ 1,943.87 million. The state ranked 6th in India in terms of FDI inflows.
- Tamil Nadu organised its second Global Investor Meet (GIM) on January 23 and 24, 2019. The state surpassed the targeted investment and attracted Rs. 3.4 lakh crore (US\$ 48.65 billion) investment in 12 sectors including automobile, textiles, renewable energy, etc.
- Taiwan-based electronics manufacturer Foxconn is expected to invest an additional Rs. 7,000 crore (US\$ 10 billion) to expand its Sriperumbudur-based Apple iPhone manufacturing facility.
- Tamil Nadu signed 14 MoUs worth Rs. 10,055 crore (US\$ 1.36 billion) on October 12, 2020. The MoUs signed with foreign and domestic companies today will generate an additional 7000 new jobs in the state, the statement read.
- The state leads the country in post COVID investments in Q1 and Q2 (private investments and manufacturing) with 42 MoUs worth Rs. 31,464 crores (US\$ 4.25 billion) being signed during the period to create 69,712 jobs.

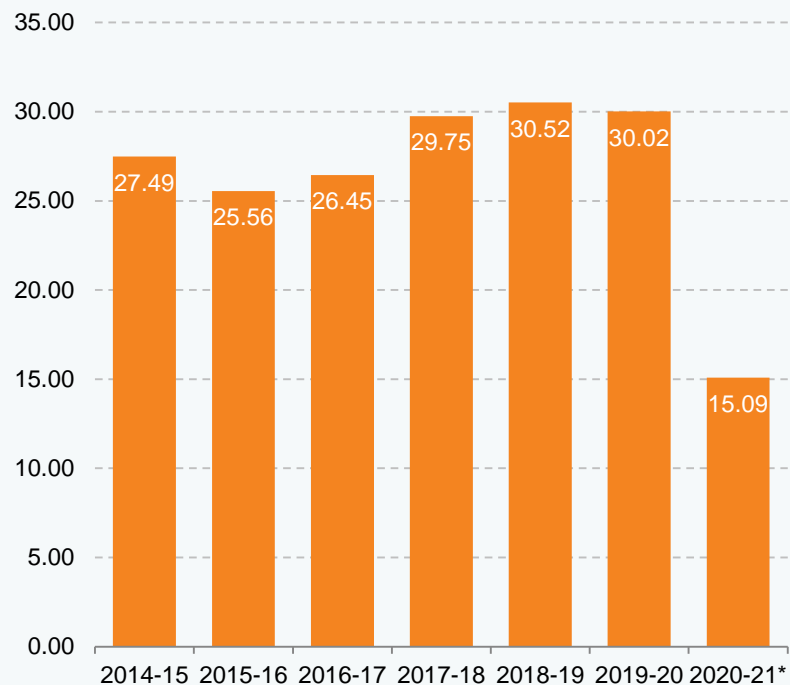


Note: * - Including Pondicherry

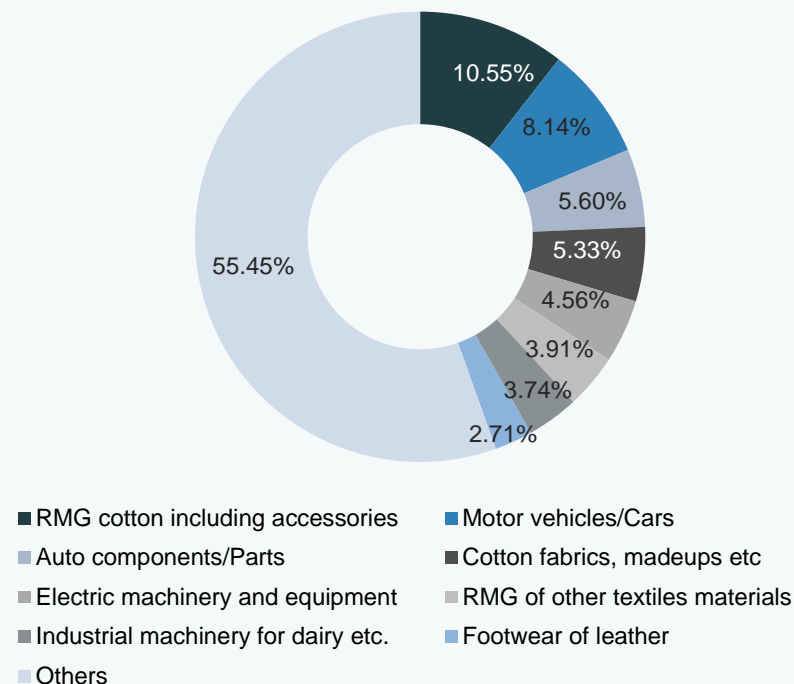
Source: Directorate of Economics & Statistics of Tamil Nadu, Department for Promotion of Industry and Internal Trade

Economic snapshot – Exports

Export Trend (US\$ billion)



Composition of Key Items Exported from Tamil Nadu (From April 2020 to November 2020)



- Total merchandise exports from the state stood at US\$ 30.02 billion during 2019-20. From April 2020 to November 2020, exports stood at US\$ 15.09 billion.
- The state exported key items such as RMG cotton including accessories, motor vehicles, auto components/parts, cotton fabrics, and electric machinery and equipment

*Note: RMG - Ready Made Garments, *- till November 2020*

Source: Directorate General of Commercial Intelligence and Statistics

PHYSICAL INFRASTRUCTURE



Physical infrastructure – Roads



Category of Roads

Length (kms)
(as of December 2019)

National highways (NH)

6,741.5

- Tamil Nadu has 28 national highways. It is an important terminus in the Golden Quadrilateral road link of NHAI. District centres are linked via 187 state highways.
- Tamil Nadu to get 6-8 lane expressways of 2000 km, 4 lane highways of 5000 km and all the highways to be converted into double-lane along with paved shoulders*.
- The Comprehensive Road Infrastructure Development Programme (CRIDP) is a flagship scheme to upgrade road infrastructure in the State. Under Budget 2020-21, Rs. 5,500 crore (US\$ 780.25 million) has been allocated to the scheme.
- In December 2020, Union Home Minister, Mr. Amit Shah unveiled the foundation stone for an elevated highway, along the Avinashi Road in Coimbatore district, at a cost of Rs. 1,620 crore (US\$ 221.48 million).

Note: * - Vision 2030

Source: Ministry of Road Transport & Highways, Government of Tamil Nadu, Tamil Nadu Policy Note on Roads, Bridges, Vision 2023, News articles, Maps of India

Physical infrastructure – Railways

- Tamil Nadu's railway network falls under the jurisdiction of Southern Railways, which covers Tamil Nadu, Kerala, Puducherry & a small part of Andhra Pradesh. It has 6 divisions, 4 of which are in Tamil Nadu (Chennai, Tiruchirappalli, Madurai & Salem). Coimbatore is also a key railway junction. Tamil Nadu presently has a 4,181 km rail network, with 690 railway stations. Chennai has a well-established suburban railway network connecting it to the suburbs & neighbouring cities.
- Mass-Rapid-Transit System (MRTS) is an elevated line of the suburban railway in Chennai. It runs from the Chennai beach junction to the Velachery suburb, covering a distance of 25 km over 21 stations. It is operated by the Southern Railways.
- A stretch of 10 km out of the 45 km under 1st phase of the Chennai metro rail project is already operational. About 9 km of Extension under 1st Phase of the Chennai metro rail project is also expected to be completed in March 2020.
- Chennai Metro Rail Budget Allocation for 2020-21 has been Rs. 3,100 crore (US\$ 439.78 million).
- Indian Railways has started construction of a new bridge over the Pamban Sea, Rameswaram. The total project cost has been estimated at Rs. 250 crore (US\$358 million).
- In December 2020, Union Home Minister, Mr. Amit Shah unveiled the foundation stone for Phase-II of the Chennai Metro Rail project at a cost of Rs. 61,843 crore (US\$ 8.45 million).



Note: RUB: Railway Under Bridges; ROB: Railway Over Bridges

Source: Tamil Nadu Vision 2023, Ministry of External Affairs, News articles

Physical infrastructure – Airports

- Tamil Nadu has international airports at Chennai, Coimbatore & Trichy; it has domestic airports at Tuticorin, Salem, Vellore (non-operational) & Madurai. The Chennai International Airport was the 1st in the country to get ISO 9001-2000 certification.
- Tamil Nadu Vision 2023 envisages an investment of US\$ 5.2 billion¹ for developing a greenfield airport near Chennai and upgrading other airports.
- Construction work on a new passenger terminal at the Chennai International Airport has been completed. The terminal would have a capacity of 10 million passengers. Electronic Data Interchange (EDI) facility for customs clearance is available at the Chennai Airport. A new integrated terminal building has been constructed at Madurai Airport. Thanjavur is slated to get an airport, as the Government has identified 50 locations in smaller cities for airport.
- In February 2019, the Airports Authority of India (AAI) allocated more than 25 % of its budget for the expansion of airports in Tamil Nadu, the project costing Rs. 2,467 crore (US\$ 341.93 million).
- The new integrated passenger terminal building of the Airports Authority of India (AAI)-run Trichy airport in Tamil Nadu, with enhanced passenger handling capacity, will be functional from March 2022.

Tamil Nadu Aircraft Statistics for 2020-21*

Parameter	Chennai	Coimbatore	Trichy	Madurai
Aircraft movement (no.)	28,948	3,842	2,650	2,886
Passenger traffic (no.)	2,152,713 1	346,751	178,532	259,087
Freight handled (tonnes)	164,062	3,436	1,475	1,096

*Note: *April to November 2020*

Source: Airports Authority of India, ¹At 2011-12 rates

Physical infrastructure – Ports

- Tamil Nadu has 3 major ports: Chennai, Ennore and VO Chidambaranar. The state also has 15 minor ports .
- The Chennai port mainly handles container cargo, while the Ennore and V O Chidambaranar ports handle coal, ores and other bulk minerals. Tamil Nadu Vision 2023 envisages an investment of US\$ 3.1 billion for 3 greenfield ports and 5 minor ports, with a cumulative capacity of 150 million tonnes.

Cargo traffic at major ports in Tamil Nadu (million tonnes)

Ports	2016-17	2017-18	2018-19	2019-20	2020-21*
Kamarajar (Ennore)	30.02	30.45	34.50	31.74	17.19
Chennai	50.21	51.88	53.01	46.75	30.49
V.O. Chidambaranar	38.46	36.57	34.34	36.07	23.60
Total	118.69	118.9	121.85	114.56	71.28

*Note: *April to November 2020*

Source: Indian Ports Association, Tamil Nadu Vision 2023.

Tamil Nadu's ports

Major ports

- Chennai
- Kamarajar (Ennore)
- V O Chidambaranar

Minor ports

- Cuddalore
- Nagapattinam
- Rameswaram
- Pamban
- Colachel
- Valinokkam
- Kanyakumari
- Ennore
- Punnakayal
- Thirukkadaiyur
- PY-3 (Oilfield)
- Kattupalli
- Thiruchopuram
- Manappad
- Kudankulam

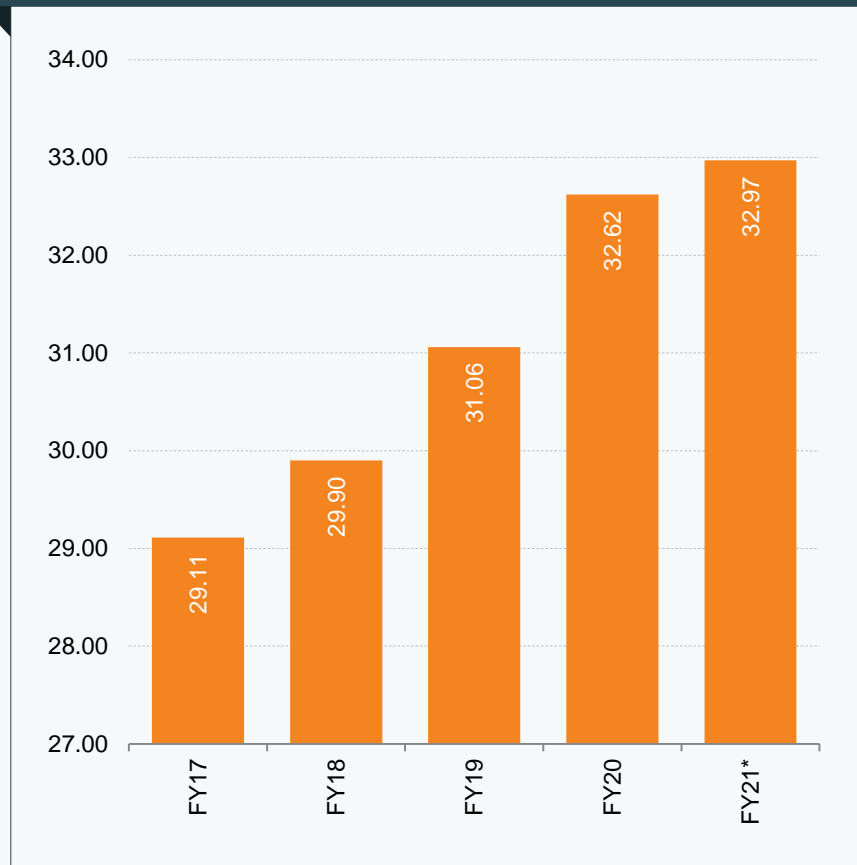
Physical infrastructure – Power

- The total installed capacity of Tamil Nadu is forecasted to expand, and the State Government invested Rs. 5,000 crore (US\$ 745.82 million) to boost renewable energy policies, transmission infrastructure and commission a floating solar plant.
- The Tamil Nadu Government has proposed to provide 2,000 solar powered pumps up to a capacity of 10 HP for improving the micro irrigation in the state. As per budget 2019-20, US\$ 11.65 million have been allocated for this project. 55 GW by 2026-27.
- As of November 2020, the state had a total installed power generation capacity of 32.97 GW.
- Thermal power contributed 14.51 GW to the total installed power generation capacity, followed by renewable power (14.83 GW), hydropower (2.17 GW) and nuclear power (1.48 GW)
- Private sector, with a capacity of 19.92 GW, was the biggest contributor to the total installed power generation capacity in Tamil Nadu, followed by state utilities (7.14 GW) and central utilities (5.89 GW).
- Indo-UK joint initiative to invest Rs. 3,000 (US\$ 4.2 billion) crore to set up a 750 MW natural gas-based power plant in Ponneri, Tiruvallur
- Japan-based Polymatech Electronics is expected to invest Rs. 900 crore (US\$ 1.3 billion) in semiconductor chip manufacturing project at SIPCOT (State Industries Promotion Corporation of Tamil Nadu) Industrial Park in Oradamam.
- In October 2020, JSW Renew Energy Ltd. announced its plan to invest Rs. 6,300 crore (US\$ 861.15 million) to set up a hybrid renewal project for 810 MW in Thoothukudi, Tenkasi, Thirunelveli and Thiruppur. It also plans to set up a 50 MW captive wind energy project in Rameshwaram district.

*Note: GW- Gigawatt, * - till November 2020*

Source: Central Electricity Authority, Tamil Nadu Vision 2023, News articles

Installed Power Capacity (GW)



Physical infrastructure – Telecom

- According to the Telecom Regulatory Authority of India (TRAI), Tamil Nadu had ~79.54 million wireless subscribers and 1.96 million wireline subscribers, as of September 2020.
- Tamil Nadu had a high teledensity of 104.75 % as of September 2020.
- By September 2020, 42.30 million subscribers had submitted requests for mobile number portability in Tamil Nadu.

Telecom infrastructure (as of September 2020)

Wireless subscribers	79,546,616
Wireline subscribers	1,961,118
Teledensity (in%)	104.75
Internet subscribers (June 2020) (million)	51.04

Major telecom operators in Tamil Nadu

- Bharat Sanchar Nigam Limited (BSNL)
- Bharti Airtel
- Reliance Jio
- Vodafone Idea

Source: Telecom Regulatory Authority of India

Physical infrastructure – Urban

- Tamil Nadu Sustainable Urban Development Programme has been taken up by the state Government with the assistance of World Bank at an amount of US\$ 585.24 million.
- Tamil Nadu Vision 2023 envisages an investment of US\$ 57.4 billion* for urban infrastructure development.
- Google India and Tata Trusts have decided to expand their ‘Internet Saathi’ program in Tamil Nadu in which Google India will facilitate the provision of Google Cloud credits for eligible startups engaged with Tamil Nadu Government’s startup initiative. Technical mentorship and advisory support to various startups will also be made available by Google India.
- The State Government has allocated Rs. 1,650 crore (US\$ 236.08 million) for the smart cities and Rs. 1,450 crore (US\$ 207.46 million) for AMRUT programme as per budget 2020-21.
- As of October 2018, 100 % households have been electrified in the state under Saubhagya Scheme.
- The government has proposed the Tamil Nadu Urban Flagship Investment Programme to support the state in developing urban and environmental infrastructure. The programme will cost of Rs. 8,156 crore (US\$ 1.11 billion) and will be financed with assistance from the Asian Development Bank. Further, 179 projects at a cost of Rs. 8.6 lakh crore (US\$ 117.58 billion) relating to Tamil Nadu have been included in the national infrastructure pipeline. These projects will be implemented in the next five years (2020-25).

Source: Census 2011

Population, area & literacy rate of identified smart cities in Tamil Nadu

Cities	Population (million)	Area (sq km)	Literacy rate (%)
Chennai	4.6	426	90.18
Coimbatore	1.05	246.75	91.30
Madurai	1.01	148	90.91
Tiruchirappalli	0.84	167.23	91.38
Salem	0.83	5205	84.42
Tirunelveli	0.47	169.9	90.39
Thanjavur	0.22	3397	91.27
Tiruppur	0.44	5,186.34	87.81
Vellore	0.18	6,077	86.40
Erode	0.16	5,692	82.29
Thoothukudi	0.24	4,745	93.69
Dindigul	0.20	4,497.77	90.22



Social infrastructure – Education

Tamil Nadu's primary education statistics (2017-18)

Number of schools ^	Primary: 35,307 Middle: 9,588 High & higher secondary schools: 12,297
Net enrolment ratio (in%)	Primary level: 99.86 Upper primary level: 99.22
Pupil-teacher ratio*	Primary: 24.02:1 Upper primary: 24.77:1



Educational infrastructure as of 2018-19


Universities	59
Colleges	2,466
Medical colleges	40
MBA/MCA	65
Engineering colleges	584
Polytechnics	518
Dental colleges	15

- Tamil Nadu is one of the states running the Total Literacy Campaign, the Post-Literacy Mission and the Continuing Education Programme (CEP).
- In the Budget 2020-21, Rs. 34,181.73 crore (US\$ 4.85 billion) has been proposed towards school education.
- A sum of Rs. 966.46 crore (US\$ 137.11 million) has been allocated in this Budget for providing laptops to school students during 2020-21.
- An amount of Rs. 5,052.84 crore (US\$ 716.82 million) has been provided in the Budget Estimates 2020-21 for higher education.
- State PWD department is finalising tenders worth Rs. 277 crore (US\$ 396 million) to improve the infrastructure in 158 schools. PWD has also resumed work in 114 schools at a cost of Rs. 182 crore (US\$ 24.60 million) and is expected to complete them by January 2021.

*Notes: * - Provisional*

Source: Tamil Nadu State Portal, State Budget 2020-21

Social infrastructure – Health

Health infrastructure (As of May 2020)			Health Indicators of Tamil Nadu (2018)	
Sub-centre	8,725		Birth rate ¹	14.7
Primary health centres	1,976	Death rate ¹	6.5	
Community health centre	449	Infant mortality rate ²	15	
Sub District Hospitals	319	Life expectancy (2015-16)		
District hospitals	34	Male (2006-10)	67.1	
		Female (2006-10)	70.9	

- The state has a 3-tier health infrastructure comprising hospitals, primary health centres, health units, community health centres & sub-centres. As of May 2020, the state had 34 district hospitals, 319 sub-district health centres, 1,976 primary health centres, 8,725 sub-centres & 449 community health centres.
- A total amount of Rs. 1,033.29 crore (US\$ 147.85 million) has been provided in the Budget Estimates 2020-21 for the CMCHIS.
- In the Budget Estimates 2020-21, Rs. 15,863.37 crore (US\$ 2.27 billion) has been allocated to Health and Family Welfare Department.
- The Government of India's Pradhan Mantri Matru Vandana Yojana has been provided a sum of Rs. 959.21 crore (US\$ 137.24 million) in the Budget Estimates 2020-21.
- Tamil Nadu government inaugurated 2000 Amma mini-clinics in Chennai. These clinics will be used for increased and efficient testing of coronavirus.

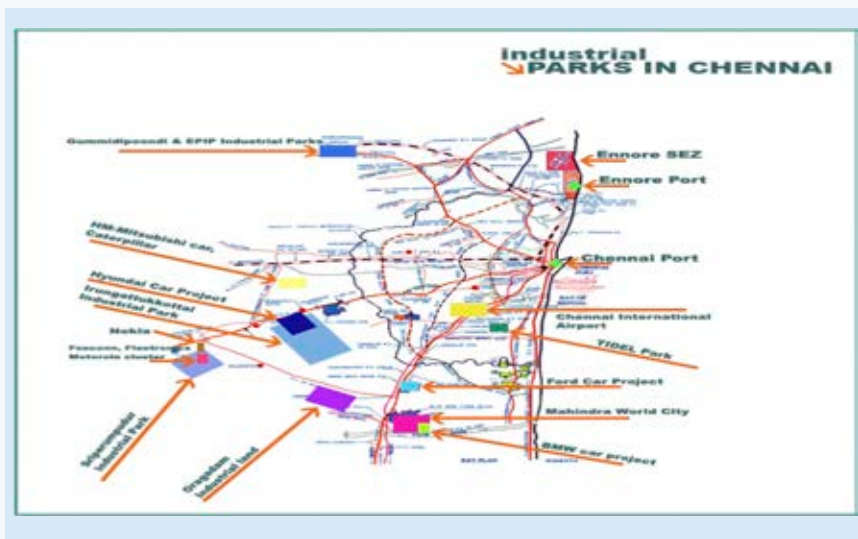
Note: ¹Per thousand persons, ²Per thousand live births,

Source: Economic Review of Rajasthan 2018-19, Sample Registration System (SRS)

INDUSTRIAL INFRASTRUCTURE



Industrial infrastructure...(1/4)



Description	SEZs (no.) (as of February 2020)
Notified SEZs	52
SEZs with formal approvals	56
SEZs with in-principle approvals	4

- TIDCO, State Industries Promotion Corporation of Tamil Nadu (SIPCOT), Tamil Nadu Industrial Investment Corporation Ltd. (TIIC) and Tamil Nadu Small Industries Development Corporation Ltd (TANSIDCO) are jointly developing industrial infrastructure in the state.
- Tamil Nadu Industrial Guidance and Export Promotion Bureau has been set up with the objective of attracting major investment proposals into Tamil Nadu.
- As of February 2020, the state had 54 formally approved SEZs, 50 notified SEZs and four with in-principle approval SEZs and has total 40 exporting SEZs.
- In May 2017, an MoU was signed between the Tamil Nadu National Industrial Development Corporation Ltd. (TIDCO) and the National Highways Authority of India for the development of a multimodal logistics park in the Ponneri Industrial Node area near Kamarajar Port.
- In August 2020, ESR India announced plan to develop a 36-acre industrial and logistics park in Chennai.
- In July 2020, the CM inaugurated industrial projects amounting to Rs3,185 crore (US\$4.56 billion). The investors include Tata Chemicals, TCS and Hyundai Glovis
- In October 2020, Tata Group announced plans to invest Rs. 5,000 crore (US\$ 673.20 million) to set up an Apple phone component plant in Hosur, Tamil Nadu.

Source: TIDCO, SIPCOT, TIIC, TANSIDCO, News Article

Industrial infrastructure...(2/4)

Infrastructure	Description
Industrial parks	<ul style="list-style-type: none"> • The State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT) Export Promotion Industrial Park (EPIP) is spread over 224 acres at Gummidipoondi in the Thiruvallur district. • An industrial park has been set up at Irungattukottai for the automotive, electronics, food processing, general engineering & other non-polluting industries. • The hi-tech SEZs in the Sriperumbudur Industrial Park & Oragadam Industrial Growth Centre (both in Kanchipuram district), are spread over 570.92 acres and 347.66 acres, respectively. These house manufacturing units for electronics, telecom hardware & support services. • A new industrial park spread across 1,127 acres for the development of an industrial complex at Thervoy Kandigai village in Tamil Nadu has been planned. Land development work has started for the same. SIPCOT has taken possession of 125 acres of land in Thiruvallur district for creation of a new complex.
Madras Export Processing Zone (MEPZ)	<ul style="list-style-type: none"> • Established in 1984 to promote FDI & one of the 7 export promotion zones (EPZs) set up by the Government of India, MEPZ is a multi-product export zone with 117 functional units & another 27 in the process of being set up. As of July 2015, the project is in construction stage.
SIPCOT's SEZs	<ul style="list-style-type: none"> • SIPCOT's SEZs comprise a leather SEZ in Vellore, a footwear SEZ in Kanchipuram, an engineering products SEZ in Erode, an automotive SEZ in Thiruvannamalai & a transport engineering goods SEZ in Tirunelveli, granite SEZ in Bargur & hi-tech SEZs in Kanchipuram.

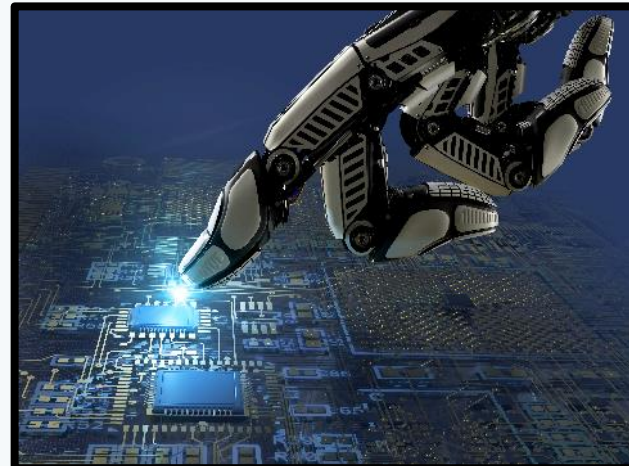
Industrial infrastructure...(3/4)

Infrastructure	Description
TIDCO's SEZs	<ul style="list-style-type: none"> Tamil Nadu Industrial Development Corporation (TIDCO) has been engaged in setting up of industries, infrastructure projects & SEZs. Some of the projects completed through joint ventures are Tanflora Infrastructure Park, Tamil Nadu Road Development Company (TNRDC), Titan Industries Ltd., Tamil Nadu Petroproducts, TIDEL Park, Mahindra World City, Ascendas IT Park, etc. TIDCO and Rankindo Developers Private Ltd. have jointly developed an integrated township with IT SEZ in Coimbatore. An IT and ITeS SEZ-TIDEL - III, with an international convention centre, is set up on 25 acres of land on the IT Expressway at Taramani in Chennai. MRTS runs near the project site.
Apparel Parks	<ul style="list-style-type: none"> Two apparel parks have been set up, one at Tirupur & the other at Irungattukottai near Chennai, with a project cost of US\$ 133 million, including Government of India's assistance of US\$ 6.5 million. Both parks are functioning.
Hi-tech Weaving Parks	<ul style="list-style-type: none"> Palladam Hi-Tech Weaving Park is the 1st integrated textile park in India. It is located near to Coimbatore and recognised as one of the emerging weaving hubs.

Industrial infrastructure...(4/4)

Infrastructure	Description
LNG Import Terminal	<ul style="list-style-type: none"> Tamil Nadu Industrial Development Corporation Ltd. (TIDCO) & Indian Oil Corporation Ltd. through a joint venture, would set up a Liquefied Natural Gas (LNG) import terminal near Ennore Port at Kattupalli village in Thiruvallur. The LNG terminal is anticipated to get operationalized by 2018. The project's total investment is estimated at US\$ 759.4 million¹ & it aims to meet the state's rising demand for energy & create a firm source for natural gas in the long term. GAIL and TIDCO are jointly setting up a 500 MW LNG-based power project in the state.
Perambalur SEZ	<ul style="list-style-type: none"> TIDCO and M/s GVK Group of Hyderabad are jointly developing a multi-product SEZ in Perambalur; 2,880 acres of land has been procured. The Ministry of Commerce & Industries, Government of India, has formally approved the project.
Solar Power Park Project	<ul style="list-style-type: none"> TIDCO has proposed the development of solar power parks for setting up 1,000-MW solar power projects in association with public and private organisations. In the first phase, TIDCO and M/s Raasi Green Earth Energy Private Limited, Bangalore, would jointly develop a solar park project of 100-MW capacity on a 500-acre dry land in Paramakudi, Ramanathapuram.

KEY SECTORS



Key sector – Agricultural and allied industries...(1/2)

- Tamil Nadu is one of the leading producers of bananas, flowers, tapioca, mango, coconut, groundnut, coffee, tea & sugarcane.
- Tamil Nadu is the second largest producer of poultry and dairy products in India and the third largest producer of tea and coffee in the country.
- The state is among the leading producers of horticultural crops and fruits in the country.
- With the aim of creating a conducive environment for the healthy growth of the food processing industry, an exclusive Food Processing Policy will be unveiled in 2018-2019.
- A sum of Rs. 1,229.85 crore (US\$ 197.75 million) has been provided in the Budget Estimates 2020-21 for Fisheries Sector.

Crop	Annual production in 2019-20 [^] (‘000 tonnes)
Fruits	5,662.37
Vegetables	8,928.58
Coconut*	4,247.12
Flowers	508.58
Aromatic and Medicinal	229.78
Cotton**	600
Spices	172.43
Plantation crops	3,394.93
Honey	2.00

Note: * - Includes pepper, ** - '000' bales of 170 kgs each, E- Estimated, ^- 3rd Adv.Est.

Source: 3rd Advance Estimates, Department of Agriculture Cooperation & Farmers Welfare

Key sector – Agricultural and allied industries...(2/2)

Key players

Coca Cola Ltd



- Hindustan Coca-Cola Beverages Pvt Ltd, Nemam, Chennai, was established in 1997.
- The manufacturing unit is spread over an area of 49 acres and has a capacity of producing 600 Bottles Per Minute (BPM) of aerated soft drinks and 225 BPM of juice drinks. In 2014, India has become the 6th largest market for the company by volumes, overtaking Germany.

Nestle



- Nestle is a company headquartered in Vevey, Switzerland as a Swiss multinational nutritional, snack food, and health-related consumer goods company. It is the leading food company in the world in terms of revenues.
- The second plant of Nestle was established in Choladi, India in 1967. It is renowned as India's 'Most Respected Companies' and one of the 'Top Wealth Creators of India'.

HUL



- Hindustan Unilever Limited (HUL) is India's principal fast moving consumer goods (FMCG) company.
- HUL employs more than 16,000 people nationwide.

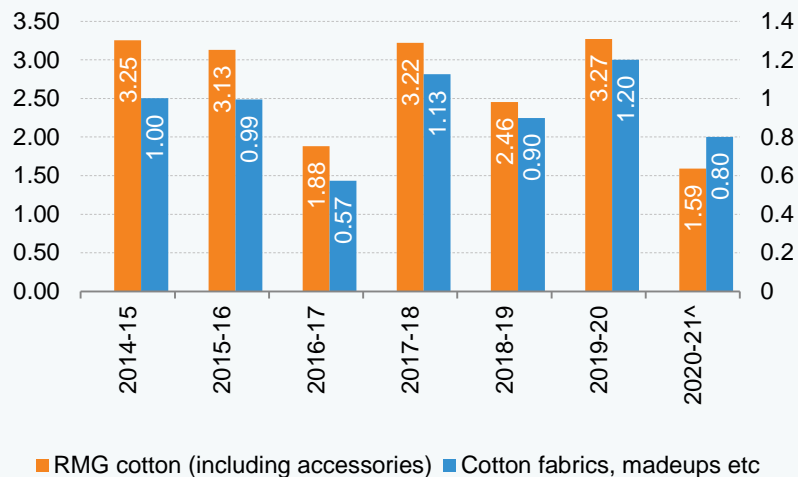
Mondelez India Foods



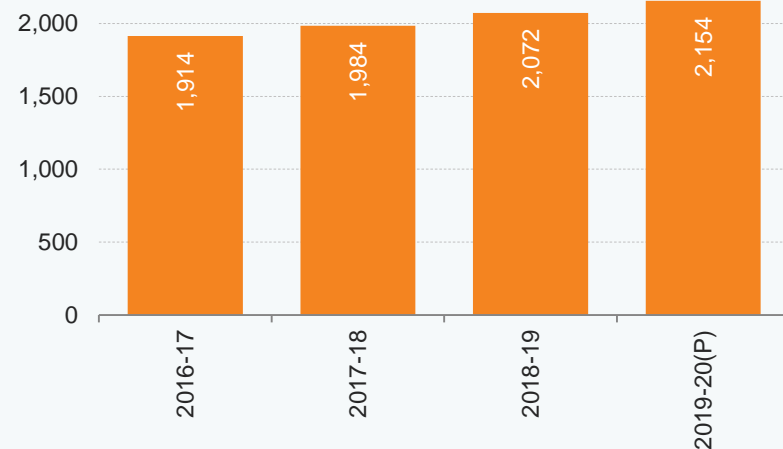
- Mondelez India Foods Ltd is part of Mondelez International, Inc. It operates in five categories - chocolate confectionery, beverages, biscuits, gum and candy.
- Mondelez's key brands in India include Cadbury Dairy Milk, Bournvita, 5 Star, Perk, Bournville, Celebrations, Gems, Halls, Éclairs, Bubbalo, Tang and Oreo.

Key sector – Textiles...(1/2)

Exports from Tamil Nadu (US\$ billion)



Raw Silk Production in Tamil Nadu (in MT)



- Tamil Nadu is known as the “Yarn Bowl” of the country. Tamil Nadu is the largest producer of cotton yarn, accounting for 41 % of India’s production. Coimbatore and Tirupur are the major textile centres in Tamil Nadu. Tirupur is known as the ‘Knitting City’, while Coimbatore is called the ‘Manchester of South India’.
- Allocation of US\$ 175.17 million for Handlooms and Textiles sectors and US\$ 30.21 million for Handicrafts and Khadi sectors have been provided in the Budget Estimates 2020-21.
- In 2019-20, raw silk production stood at 2,154 million tonnes (MT).
- In 2019, Chief Minister launched the Tamil Nadu New Integrated Textile Policy, 2019.

Note: P - Provisional , MT - million tonnes, RMG - Readymade garments, ^- Till November 2020

Source: Tamil Nadu Policy Note on Industries, State Portal, Ministry of Textiles, Government of India, State Budget 2019-20, Department for Promotion of Industry and Internal Trade

Key sector – Textiles...(2/2)

Key players

Coats India Ltd



- Coats is the world's largest supplier of industrial sewing thread and crafts products. It is the world's second-largest and fastest growing manufacturer of top quality zip fasteners. The company has operations in over 70 countries.
- Industrial product manufacturing started in Madurai in 1944, and the weaving unit was started in Ambasamudram in 1961. Recently the company has announced a strategic alliance with a UK based company, GSD in order to collaborate on offering their respective management solutions to maximise productivity and drive down costs.

Primus Fabrics



- Founded in 1950, it manufactures and exports bed sheets, duvets and home textiles and is based in Tiruchengode.
- The total capacity is 50,000 spindles plus 1,120 rotors.

Lakshmi Mills

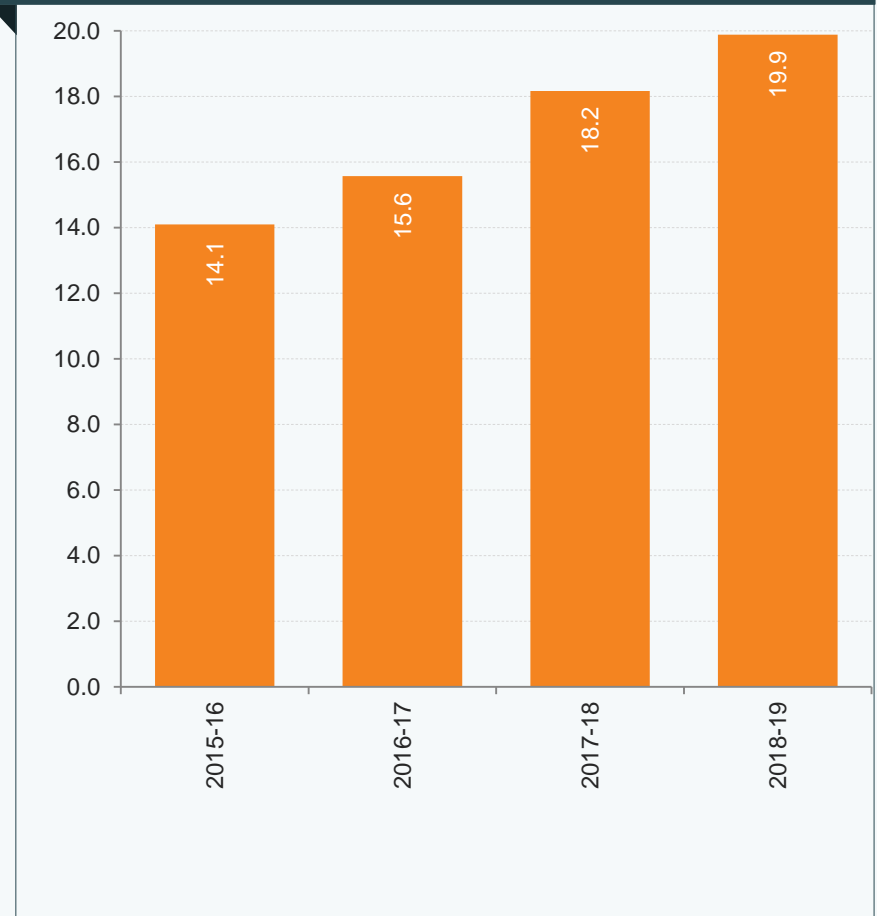


- Established in 1910 at Coimbatore. Lakshmi Mills. It has two units to manufacture 100 % cotton yarns, blended yarns and yarns produced from special fibres.
- Products manufactured include yarns, fabrics and garments.

Key sector – IT and ITES...(1/2)

- Tamil Nadu has emerged as a key destination for IT investments. The state has 22 approved IT Parks. The TIDEL Park in Chennai is spread over 1.28 million sq ft. It is the largest IT facility in India, promoted by TIDCO and ELCOT.
- Electronics Corporation of Tamil Nadu Limited (ELCOT) has established eight Information Technology Special Economic Zones (ELCOSEZs) in Chennai and seven in Tier-II locations: Coimbatore, Madurai (2), Trichy, Salem, Tirunelveli and Hosur.
- The state had 18 operational SEZs for IT/ITeS as of February 2020. IT & ITeS exports from Tamil Nadu have increased to Rs. 1.39 lakh crore (US\$ 19.9 billion) in 2018-19, at a growth rate of 10 % year-on-year.
- The state Government is planning to make Tamil Nadu a global SaaS hub. It is planning to attract Rs. 15,000 crore (US\$ 2.14 billion)* in the IT and ITeS sector in the second Global Investors Meet (GIM) to be held in January 2019.
- Yotta Infrastructure has signed an MoU with the Tamil Nadu government to develop a 200 MW data centre in Chennai. The company is expected to invest Rs. 3,000-4,000 crore (US\$ 4 to 6 billion) over the next 10 years

IT & ITeS exports from Tamil Nadu (US\$ billion)



Note: SaaS - Software as a Service

Source: Tamil Nadu Policy Note on Information Technology, 2013-14, News articles

Key sector – IT and ITES ... (2/2)

Key players

Tech Mahindra



- In 2013, Mahindra Satyam was merged into Tech Mahindra. Globally, the company provides software solutions and operates in 90 countries with around 33 offices.

Tata Consultancy Services (TCS)



- A company of the Tata group of India, TCS is a well-recognised global service provider for a wide range of IT solutions, including consulting, BPO, engineering services and IT infrastructure. The company has offices in 46 countries, including around 80 locations in India; it has offices at Chennai and Coimbatore.

Infosys Technologies



- Infosys was started in 1981; it is a leader in IT and consulting, with a global footprint of 73 offices and 94 development centres in India, US, China, Australia, Japan, Middle East, UK, Germany, France, Switzerland, Netherlands, Poland, Canada and many other countries. The company has two offices in Chennai.

HCL Technologies



- Incorporated in 1976, HCL is a leading global technology and IT enterprise with operations across 31 countries. It has delivery facilities in the US, the UK, Finland, Poland, Puerto Rico, Brazil, China, Malaysia, Singapore and India.

Key sector – Tourism...(1/2)

- Tamil Nadu is a highly preferred tourist destination by both domestic and foreign tourists.
- Tamil Nadu boasts of historical monuments, forts, wildlife and bird sanctuaries, temple towns, numerous places of worship, hill resorts, rich heritage and culture, waterfalls, beaches, breath-taking valleys, mangrove forests, backwaters, music and dance festivals. Chennai and Coimbatore are becoming popular for Meetings, Incentives, Conferences and Exhibitions (MICE) tourism.
- The state is one of the leading medical tourism & wellness tourism destinations in India. The state is focusing on Clean and Green Destination Campaign in order to attract more and more tourists.
- Tamil Nadu's tourism industry increased in terms of tourist arrivals to reach 494.86 million in 2019, at a CAGR of 5.04 % between 2014 and 2019.
- It ranked 1st in terms of foreign tourist arrivals and second in terms of domestic tourist arrival in 2019(P).
- Asian Development Bank assisted Tourism Development Project is currently under implementation and a sum of Rs. 90.85 crore (US\$ 12.89 million) has been provided in the Budget Estimates 2020-21.

Tourist Arrivals in Tamil Nadu (million)



Note: News articles, P - Provisional

Source: Tamil Nadu State Portal, Ministry of Tourism

Key sector – Tourism...(2/2)

Major attractions

Medical Tourism

- Tamil Nadu is one of the leading destinations for medical tourism.
- Well-equipped corporate hospitals, skilled medical professionals and reasonable costs of treatment are the major advantages offered by Tamil Nadu in this area.
- The state plans to set up two medi-cities in Perundurai and Madurai, catering to a range of medical services, research centres, treatment facilities, medical education and training, facilities for stay and support facilities like insurance services, etc. Area for the development of medi cities in Perundurai and Madurai will be 358 acres and 500 acres respectively. The project is part of Tamil Nadu vision 2023.

Eco Tourism

- Tamil Nadu has various hill stations, wild life sanctuaries, forests, bird sanctuaries, national parks and waterfalls. Various packages have been developed to promote eco-tourism in the state on a sustainable basis without disturbing the environment and wildlife.

Adventure Tourism

- Trekking programmes are conducted at identified trekking routes in Yercaud, Kodaikanal and Elagiri and Nilgiris.
- Paragliding programme is conducted at Elagiri in the summers.
- The Tourism Department has developed water sports such as cruising through speed boats, water-skiing, yachting and wind-surfing; along the East Coast at Tharangambadi, Kovalam, Poompuhar and Mudhaliarkuppam. In February 2016, the 'Manapad Classic 2016', a three-day national level sea sports event, was held at Manapad coast, Tamil Nadu.

Tourism Promotion Project

- In the state budget 20-21, the Tamil Nadu government announced that under the tourism promotion project, 295 destinations had been identified and grouped into six circuits. A master plan would be prepared based on a comprehensive area development and provide basic facilities required by tourists at each destination.

Source: Tamil Nadu Policy Note on Tourism 2012-13, Tamil Nadu Vision 2023, State Budget 20-21



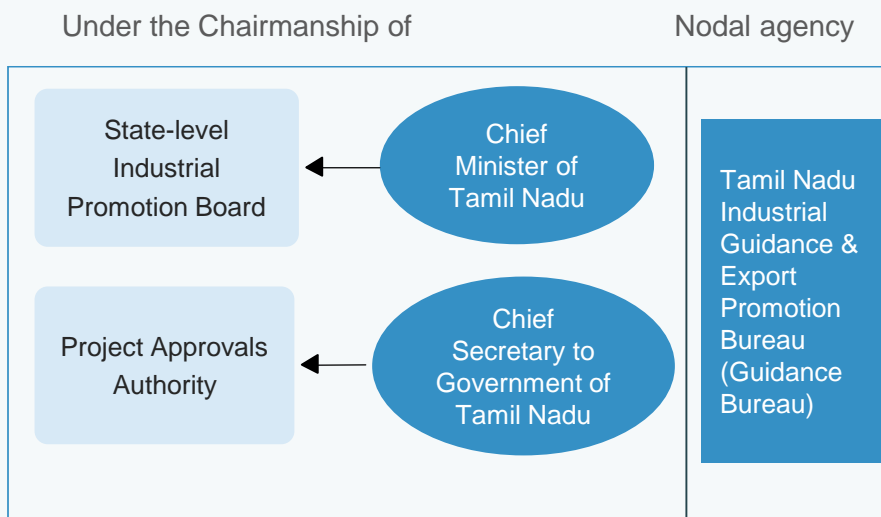
PROCEDURE

POLICIES

Two-tier single-window mechanism (SWM)

- Single-window clearance mechanism has been established to avoid procedural delays and accord all pre-project clearances at the state Government level:
 - Project Approvals Authority (PAA) under the Chief Secretary to Government to monitor and hasten projects with investments less than US\$ 20 million.
 - State-level Investment Promotion Board (SIPB) under the chairmanship of Chief Minister of Tamil Nadu to monitor and expedite all mega projects exceeding US\$ 20 million.
- Common Application Form (CAF): The Government of Tamil Nadu has introduced a CAF to be filled and filed by investors with the Documentation and Clearance Centre (DCC) in the Guidance Bureau.
- Efforts of the state Government were able to attract additional investments of US\$ 1.56 billion, to be done in 42 projects through single window facilitation.
- In order to develop business opportunities, during 2015-16 an Industry Investment Portal as a single window mechanism was launched. This would facilitate the investors in obtaining all the required permissions and licenses from various departments

SWM structure in Tamil Nadu



Note: Conversion rate 60.28

Source: Directorate of Industries and Commerce, Government of Tamil Nadu Conversion rate 60.28

Key investment promotion offices...(1/2)





Project cost	SWM fees (US\$)
Projects with investment between US\$ 1.66 million-US\$ 8.30 million	4,976.78
Projects with investment between US\$ 8.30 million-US\$ 16.59 million	8,294.63
Projects with investment between US\$ 16.59 million-US\$ 49.77 million	16,589.25
Projects with investment above US\$ 165.89 million	24,883.88

Agency	Description
Tamil Nadu Industrial Development Corporation Limited (TIDCO)	<ul style="list-style-type: none"> Established in 1965 as a Government of Tamil Nadu enterprise to promote large and medium-scale industries in Tamil Nadu. It focusses on promoting infrastructure projects, industrial parks and SEZs.
State Industries Promotion Corporation of Tamil Nadu (SIPCOT)	<ul style="list-style-type: none"> It focusses on developing, marketing and maintaining industrial complexes/parks and growth centres, and implementing infrastructure development schemes.

Key investment promotion offices...(2/2)

Agency	Description
Tamil Nadu Industrial Investment Corporation Limited (TIIC)	<ul style="list-style-type: none"> • TIIC Provides financial assistance in the form of term loans for purchase of land, plant and machinery; for the construction of buildings for setting up new industrial units; and for the expansion, modernisation and diversification of existing units. It also extends term loans to the service sector in the state.
Tamil Nadu Urban Development Fund (TNUDF)	<ul style="list-style-type: none"> • TNUDF provides project advisory, financial advisory and consultancy services to various urban local bodies (ULBs) through its fund manager, Tamil Nadu Urban Infrastructure Financial Services Limited (TNUIFSL).
Tamil Nadu Urban Finance and Infrastructure Development Corporation (TUFIDCO)	<ul style="list-style-type: none"> • It extends financial assistance to urban infrastructure schemes in Tamil Nadu.
Electronics Corporation of Tamil Nadu Limited (ELCOT)	<ul style="list-style-type: none"> • It is the nodal agency for Information and Communication Technology (ICT) projects for the Government of Tamil Nadu. It focusses on three broad areas: IT promotion for the state of Tamil Nadu, IT procurement for the Government of Tamil Nadu and e-governance excellence within Tamil Nadu.
Tamil Nadu Small Industries Development Corporation (TANSIDCO)	<ul style="list-style-type: none"> • TANSIDCO, an undertaking of the Government of Tamil Nadu, plays a catalytic role in the promotion and development of small-scale industries and speedy setting up of industries throughout Tamil Nadu.

Contact list...(1/2)

	Agency	Contact Information
 <p>தமிழ்நாடு தொழில் வளர்ச்சி நிறுவனம் TamilNadu Industrial Development Corporation Ltd (A Government of Tamil Nadu Enterprise)</p>	<p>Tamil Nadu Industrial Development Corporation Limited (TIDCO)</p>	<p>19-A, Rukmini Lakshmiopathy Road, Egmore, Chennai-600 008 Phone: 91-44-2855 4479 E-mail: info@tidco.com Website: www.tidco.com</p>
 <p>State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT)</p>	<p>State Industries Promotion Corporation of Tamil Nadu (SIPCOT)</p>	<p>19-A, Rukmini Lakshmiopathy Road, Egmore, Chennai-600 008 Phone: 91-44-2855 3743 Fax: 91-44-4526 1796 E-mail: md@sipcot.in Website: www.sipcot.tn.gov.in</p>
 <p>Guidance TamilNadu</p>	<p>Tamil Nadu Industrial Guidance & Export Promotion Bureau</p>	<p>Prestige Polygon towers, 11th Floor No.471, Anna Salai, Rathna Nagar, Teynampet, Chennai-600 035. INDIA Tel : 91-44-2434 6725 Website: https://investingintamilnadu.com/index.html</p>
 <p>TIIC ESTD. 1949</p>	<p>Tamil Nadu Industrial Investment Corporation Limited (TIIC)</p>	<p>New no: 692, Anna Salai, Nandanam, Chennai-600 035 Phone: 91-44-2433 1203 Fax: 91-44-2434 7209 E-mail: ho@tiic.in Website: www.tiic.org</p>

Contact list...(2/2)

	Agency	Contact Information
 <p>TNUISFL TAMIL NADU URBAN INFRASTRUCTURE FINANCIAL SERVICES LTD</p>	<p>Tamil Nadu Urban Infrastructure Financial Services Ltd</p>	<p>19, T.P Scheme Road, Raja Annamalai Puram, Chennai - 600028. Phone: 91-44-2815 3104, 2815 3105 Fax: 91-44-2815 3106 E-mail: cmd@tnuifsl.com Website: www.tnuisfl.com</p>
 <p>ELCOT Adding value through IT</p>	<p>Electronics Corporation of Tamil Nadu Limited (ELCOT)</p>	<p>692, M.H.U. Complex, II Floor, Anna Salai, Nandanam, Chennai-600 035 Phone: 91-44-6551 2330 Fax: 91-44-2433 0612 E-mail: secyit@tn.nic.in Website: www.elcot.in</p>
	<p>Tamil Nadu Small Industries Development Corporation (TANSIDCO)</p>	<p>Thiru Vi Ka Industrial Estate, Chennai - 600 032 Phone: 91-44-2250 1461, 2250 1422, 2250 0185, 2250 0506, 2250 1210 Fax: 91-44-2250 0792 E-mail: sidco@vsnl.com Website: www.sidco.tn.nic.in</p>

Key approvals required

Approvals and clearances required	Departments to be consulted	Estimated time taken (days)
Incorporation of the company	Registrar of Companies	
Registration, Industrial Entrepreneurs Memorandum (IEM), industrial licences	District Industry Centre	
Allotment of land	Tamil Nadu Department of Industries/State Industrial Development Corporation/Infrastructure Corporation	
Permission for land use	Tamil Nadu Department of Industries/Tamil Nadu Industrial Development Corporation, Department of Town and Country Planning	Single-window clearance guidance (state's single-window clearance facility) clears investment proposals in 30 days on an average. The single-window obtains all approvals necessary for the investment proposal within the aforementioned time.
Site environmental approvals	Tamil Nadu Pollution Control Board (TNPCB) and Union Ministry of Environment and Forests	
No-objection Certificate and Consent under Water and Pollution Control Acts	Tamil Nadu Pollution Control Board	
Approval of construction activity and building plan	Department of Town and Country Planning (DTCP)	
Sanction of power	Tamil Nadu Electricity Board (TNEB)	
Registration under States Sales Tax Act and Central and State Excise Acts	Sales Tax Department, Central and State Excise Departments	

Cost of doing business in Tamil Nadu

Cost parameter	Cost estimate	Source
Industrial land (per sq ft)	US\$ 5 to US\$ 120 (Chennai)	Industry sources
Five star hotel (per room per night)	US\$ 90 to US\$ 250	Leading hotels in the state
Office space rent (per sq ft per month)	US\$ 0.7 to US\$ 3.1	Industry sources
Residential space rent (2,000 sq ft house)	US\$ 300 to US\$ 1,200 per month	Industry sources
Power (per kWh)	Commercial US 14.5 cents, Industrial: US 11 cents Domestic: US 3.8 cents	DCH Databook October 2013
Labour (minimum wages per day)	US\$ 2.95 to US\$ 8.8	Ministry of Labour and Employment, Government of India
Water (per 1,000 litres)	Commercial and industrial: US 33 cents	Tamil Nadu Water Supply and Drainage Board

State acts and policies ... (1/2)

1

Tamil Nadu Electronics Hardware Manufacturing Policy, 2020

- Objective of the policy is to increase the state's electronics industry output to US\$ 100 billion by 2025. Priority sectors are Semiconductor Fabrication, Assembly, Test, Marking and Packaging (ATMP), Fabless Chip Design, Medical Electronics and Others

[Read more](#)

2

Aerospace and Defence Industrial Policy, 2019

- To create an end-to-end ecosystem for Aerospace sector development covering design, engineering and manufacturing of aircraft for civil and defence sector.

[Read more](#)

3

Tamil Nadu Solar Energy Policy 2019

- To achieve energy security.
- To reduce carbon emissions.
- To project Tamil Nadu as a solar hub.

[Read more](#)

4

Information Communication Technology (ICT) Policy 2018

- To address the investors especially IT and ITeS companies, MSMEs, and Start-ups
- To provide incentives like capital subsidies, tax exemptions, administrative incentives, fiscal incentives
- To promote research and green IT industry

[Read more](#)

5

Highways and Minor Ports Department Policy Note-2017-18

- To develop infrastructure for the overall improvement of the economy of the state.
- To augment the traffic capacity of state roads, widening works of all Intermediate Lane State Highways to Double Lane and all Single Lane Major District Roads to Intermediate Lane
- To avoid traffic congestion

[Read more](#)

6

Tamil Nadu Industrial Policy 2014

- To improve industries of high technology including aerospace, nanotechnology etc., in Tamil Nadu.
- Work for speedy industrialisation of districts in the southern part of Tamil Nadu.
- To attain comprehensive and maintainable industrial growth in Tamil Nadu

[Read more](#)

State acts and policies...(2/2)

7

Tamil Nadu Disaster Management Policy

- To develop a new culture of prevention, preparedness and quick response to disasters.
- To reduce the vulnerability of the community through proper risk assessment.

[Read more](#)

8

Tamil Nadu Biotechnology Policy 2014

- Thorough record of bio-resources to be engaged in the state.
- To invite R&D institutions and manufacturing firms.

[Read more](#)

9

Tamil Nadu Automobile and Auto Components Policy 2014

- To promote competitiveness and cut costs for the industry. To address the specific organisational gaps and scarcities.
- To develop the talent pool to meet the skilled manpower requirements of this industry

[Read more](#)

10

Tamil Nadu Information Technology Policy 2014-2015

- To raise the exports of software from Tamil Nadu and provision of cable TV services at reasonable rates to all Tamil Nadu households;
- To provide Tamil education through the web and take computing in Tamil to a higher level;
- To enhance the quality of life of citizens through information and communication technology.

[Read more](#)

11

Enhanced Rural BPO Policy 2012

- Attract willing entrepreneurs to set up business centres in rural areas.
- Provide conducive environment for the BPO industry to thrive in rural areas.

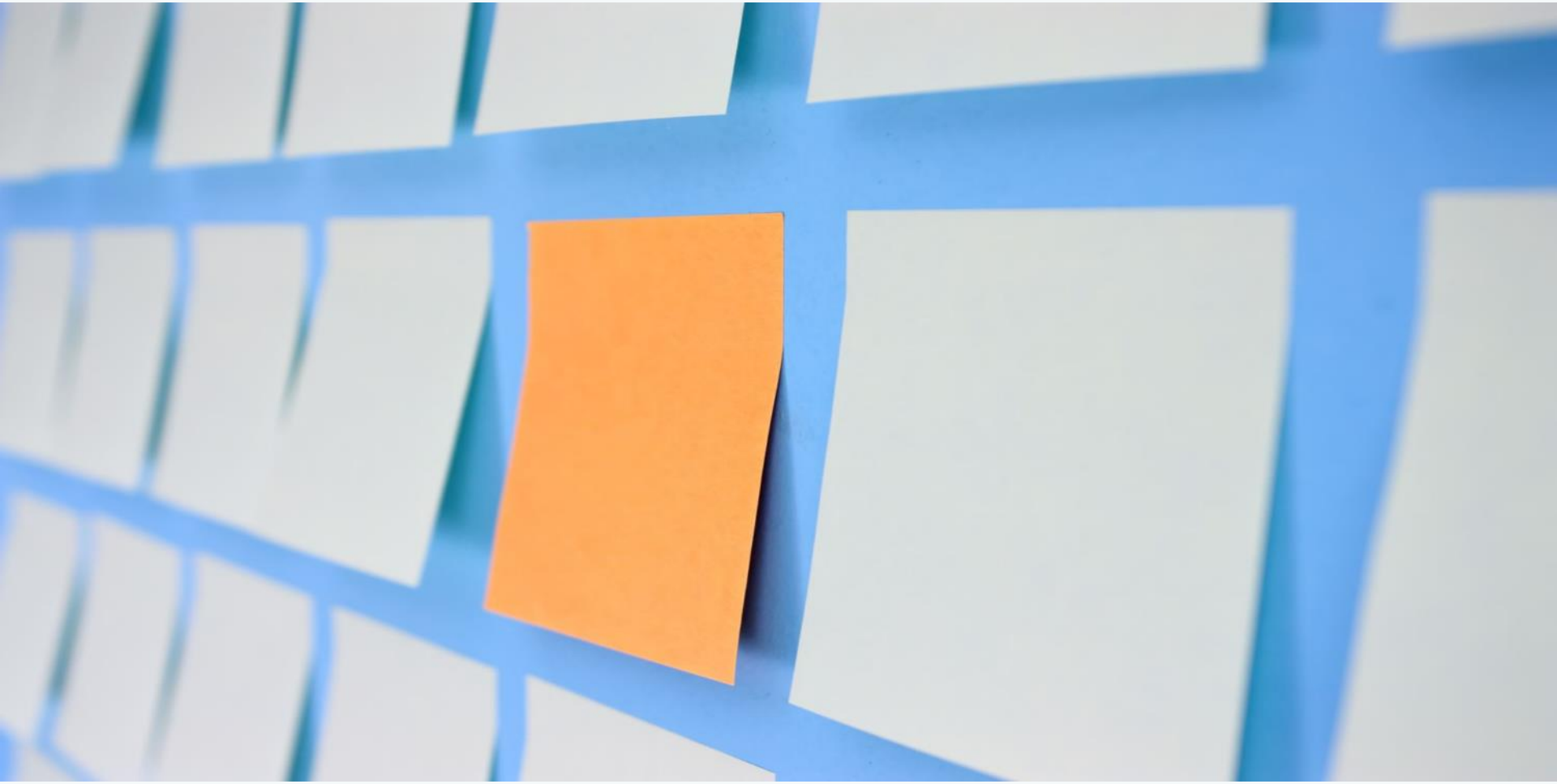
[Read more](#)

12

E-Waste Policy 2010

- To minimise e-waste generation, utilise e-waste for beneficial purposes through environmentally sound recycling and ensure environmentally sound disposal of residual waste.

[Read more](#)



Data	Sources
GSDP (state)	Ministry of Statistics & Programme Implementation 2018-19
Per capita GSDP figures	Ministry of Statistics & Programme Implementation 2018-19
GSDP (India)	Ministry of Statistics & Programme Implementation 2018-19
Installed power capacity (MW)	Central Electricity Authority
Wireless subscribers (No)	Telecom Regulatory Authority of India
Internet subscribers (million)	Telecom Regulatory Authority of India
National highway length (km)	NHAI, Roads and Building Department-Government of India
Major and minor ports (No)	India Ports Association
Airports (No)	Airports Authority of India
Literacy rate (%)	Census 2011
Birth rate (per 1,000 population)	SRS Bulletin, 2018
Cumulative FDI equity inflows (US\$ billion)	Department for Promotion of Industry and Internal Trade
Operational PPP projects (No)	DEA, Ministry of Finance, Government of India
Exporting SEZs (No)	Ministry of Commerce & Industry, Department of Commerce

Exchange rates

Exchange Rates (Fiscal Year)

Year Rs.	Rs. Equivalent of one US\$
2004-05	44.95
2005-06	44.28
2006-07	45.29
2007-08	40.24
2008-09	45.91
2009-10	47.42
2010-11	45.58
2011-12	47.95
2012-13	54.45
2013-14	60.50
2014-15	61.15
2015-16	65.46
2016-17	67.09
2017-18	64.45
2018-19	69.89
2019-20	70.49

Exchange Rates (Calendar Year)

Year	Rs. Equivalent of one US\$
2005	44.11
2006	45.33
2007	41.29
2008	43.42
2009	48.35
2010	45.74
2011	46.67
2012	53.49
2013	58.63
2014	61.03
2015	64.15
2016	67.21
2017	65.12
2018	68.36
2019	69.89
2020*	74.18

Note: * - As of December 2020

Source: Reserve Bank of India, Average for the year

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