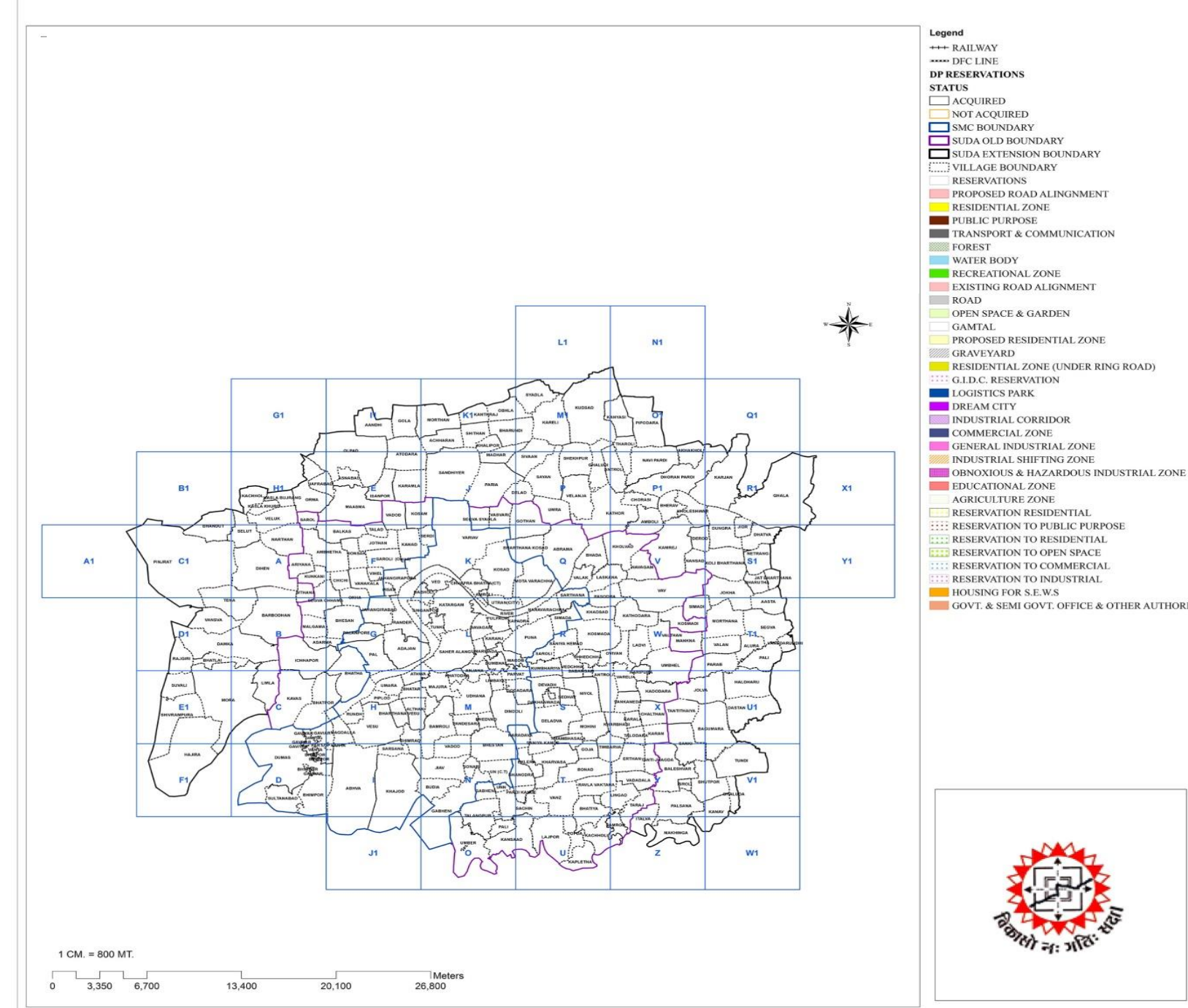


Surat, Gujarat

DEVELOPMENT PLAN 2035 OF SURAT URBAN DEVELOPMENT AUTHORITY



Stats at Glance:

Literacy Rate :87.89%

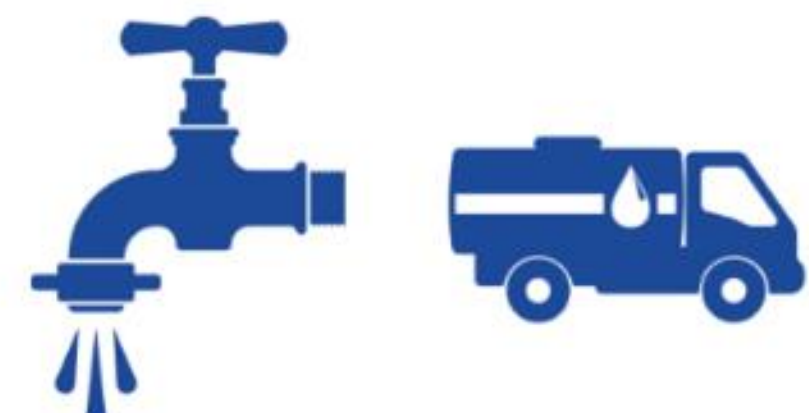
Sex Ratio 1000:787

Population Density 13628 persons/ sq.km



Siddhant MP Acharya
UMG18029
B.Tech Plastics Engineering

Water Supply



Agencies Involved:
1.Surat Municipal Corporation's Engineering department
2.GWSSB

FACTS:
Total Water Supply:150 lpcd
Total water supply coverage: 93%
Total Water Available on the Surface: 1463 MLD
Major Source: Tapi River

Sewerage & Storm Water Management



Agencies Involved:
1.Surat Municipal Corporation
2. Drainage Department,SMC
3.Private Agencies

FACTS:
Sewerage Network:1500 kms
Number of Sewerage Pumping stations: 42
Number of Sewerage Treatment Plants: 42
Total Treatment Capacity: 847.5 MLD

Solid Waste Management



Agencies Involved:
1.Surat Municipal Corporation
2. Solid Waste Management cell under the health department, SMC

FACTS:
Total Waste Generated: 1575 metric tonnes/day
Total Waste Collected: 900-1200 metric tonnes/day

SURAT: THE ASIAN TEXTILE HUB

6876 Million Units of Power were consumed in the year 2011. Out of the total 4945 MU was used for the industrial purpose.

Number of Domestic Connections is the highest at 68%.

Power



Agencies Involved:
1.Surat Municipal Corporation
2.Sitilink, a SPV incorporated under SMC
3. Private Auto-Rickshaws

Number of Buses:510

Operational Road Network of BRTS: 400 kilometres

Public Transport



Education:
There 524 primary schools and 1,008 secondary and higher secondary schools
The total teachers for secondary and higher secondary are 9,251.

Health:
28 Major hospitals with a bed capacity of 1119 and a staff capacity of 2844.
305 Medical facilities registered under SMC by 2009.

Health Care & Education



Municipal Service Delivery : SURAT

Surat is located in the western coast of India in the state of Gujarat. The population of the City is around 45 lakhs. The Surat Municipal Corporation takes care of most of the urban utilities and services provided in the city. The various services provided by the SMC range from Water Supply to Solid Waste Management. There are various cells under the SMC which work tirelessly to provide basic amenities to the citizen. Surface water and ground water are the main sources of water. Presently, 1050 million litres of water is supplied to households in Surat every day.

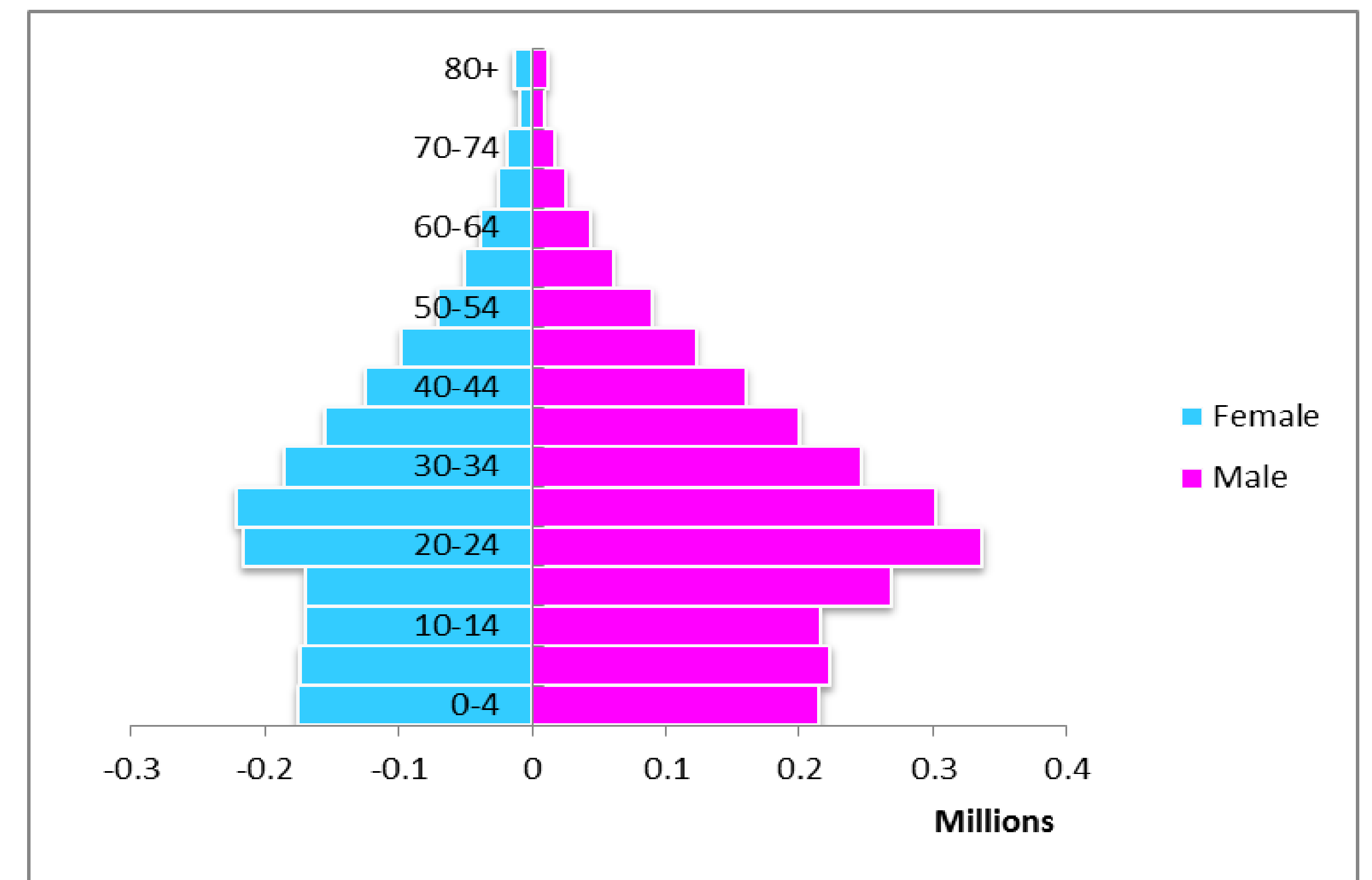
The Surat Municipal Corporation's engineering department looks after the water supply in the city. It works on planning, design, implementation & monitoring of various Water Supply Schemes. Construction of all the water supply lines, tanks, etc. is carried out by floating tenders and appointing capable contractors for getting the job done. For the area of the city which comes under the SUDA and not under the SMC, GWSSB supplies the water. Maintenance of the infrastructure is either done by the department or done by private bodies who report to the department.

The ground water is exploited in the city because the area where GWSSB supplies water were villages in the past and most of them do not have access to the water supplied by GWSSB. There is 20% loss of water during transmission and distribution. SMC looks after the sewerage and the drainage network. Storm water drainage is done by the Drainage department of the Engineering Department of SMC. The functions of the Department include Planning, designing, estimating, tendering, executing and operating as well as maintaining the sewerage systems which consists of sewerage network, sewage pumping stations, sewage pumping mains, sewage treatment and effluent disposal works etc. SMC pumps out storm water in locations where the drainage network is not in place. The operation and maintenance of all the sewage treatment plants is carried out by private agencies. The SMC gives the contract for desliting of manholes and drainage lines in the different parts of the city to the private agencies.

The Solid Waste Management cell works under the Health department of the SMC to look after the Solid Waste Management in the city. The SWM cell has implemented projects which focus on segregation of the waste at the source. The Fire and Emergency Services department of the Surat Municipal Corporation takes care of the Fire Safety of the City. Surat Municipal Corporation has incorporated a Special Purpose Vehicle called Sitilink to look after the operations of the BRTS and City Buses. It operates on 400km network of road in the city with a total of 510 buses.

References:

- 1.Surat Development Plan 2035, Page Number 97 - 104
2. Official Site of Surat Municipal Corporation (Retrieved by the author from <https://www.suratmunicipal.gov.in/> on 9 July 2019.)
3. Surat Development Plan 2035, Page Number 108 and 109
4. Surat Development Plan, Page Number 128



Age-Sex Pyramid