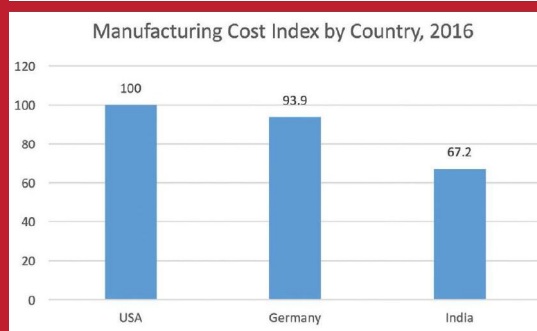
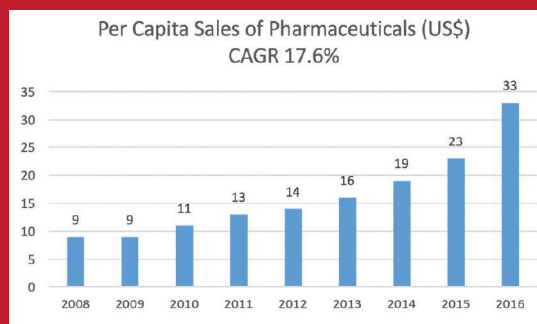




Maharashtra: Pharmaceutical Sector

1. INDIA

- A. Third largest pharmaceuticals market by 2020 in terms of incremental growth.
- B. 20% of global exports in generics, making it the largest provider of generic medicines globally.
- C. USD 45 Billion in revenue by 2020, revenue of USD 55 billion by 2020 as base case, and can grow to USD 70 billion in a aggressive case scenario.
- D. USD 26.1 Billion in generics by 2016.
- E. USD 200 Billion to be spent on infrastructure by 2024.
- F. India's cost of production is nearly 33 per cent lower than that of the US.
- G. Labour costs are 50-55 per cent cheaper than in Western countries. The cost of setting up a production plant in India is 40 per cent lower than in Western countries.
- H. Cost-efficiency continues to create opportunities for Indian companies in emerging markets and Africa.
- I. India has a skilled workforce as well as high managerial & technical competence in comparison to its peers in Asia.
- J. India has the 2nd largest number of USFDA-approved manufacturing plants outside the US.
- K. India has 2,633 FDA-approved drug products. India has over 546 USFDA-approved company sites, the highest number outside the US.
- L. The Government of India plans to set up a USD 640 million venture capital fund to boost drug discovery and strengthen pharmaceutical infrastructure.
- M. Pharmaceutical Industry accounts 6% of the total FDI of the country. FDI equity inflow from Apr. 2016 to Sept. 2016 was USD 640.71 million.



Source: Ministry of Health and Family Welfare



Government of Maharashtra

Maharashtra: Pharmaceutical Sector

- N. According to Government of Maharashtra, the pharmaceutical sector is one of the key exporters from the state.
- O. The state has the highest number of US FDA approved plants in India and highest number of pharma units despite tax holidays granted by other states and houses the country's leading pharma companies.
- P. 499 projects have been commissioned under the pharmaceuticals sector in Maharashtra. These projects are worth Rs. 4,386 Crore. (August 1991 to November 2016).
- Q. Maharashtra received USD 4,573 million FDI equity inflow for Drugs and Pharmaceuticals for the period January, 2000 to December, 2015. This accounts for 33.91% of the total FDI inflows for Drugs and Pharmaceuticals*.
- R. 859 projects under pharmaceutical sector have been approved from August 1991 to November 2016. These projects are worth Rs. 16,080 Crore.

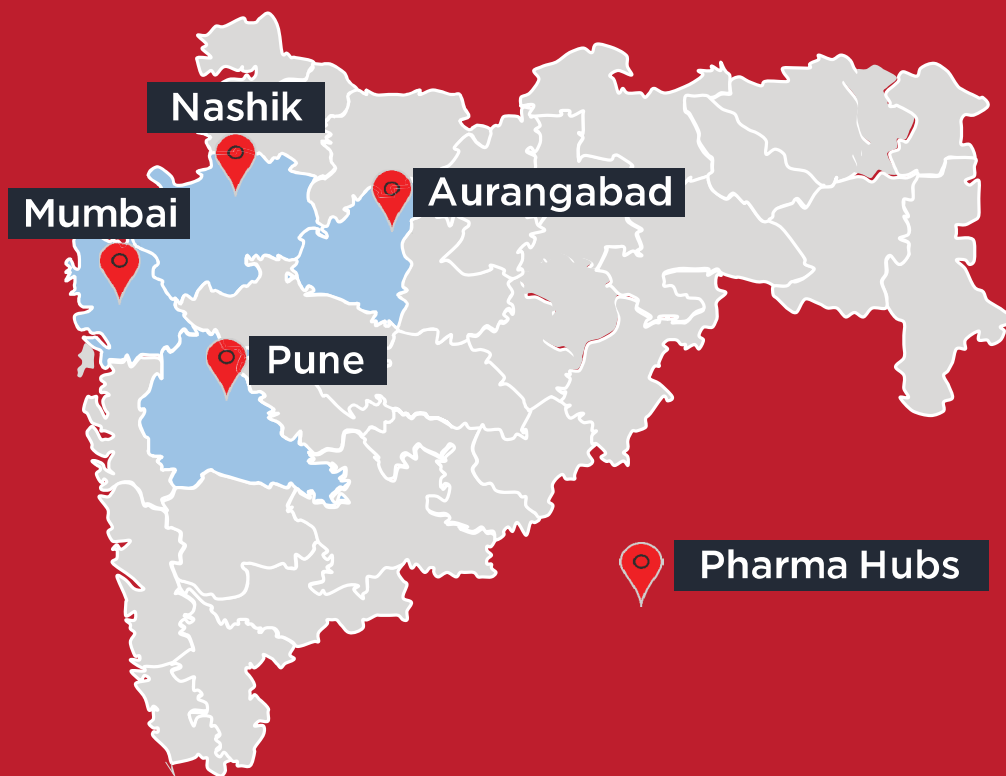
(Source: DIPP)





Government of Maharashtra

Maharashtra: Pharmaceutical Ecosystem



2. MAJOR PHARMA HUBS

- Existing pharma hubs: Pune, Nashik, Aurangabad and Mumbai/Thane form the state's pharma quadrilateral. In addition, Tarapur also houses a large number of pharma enterprises.
- Bio-pharma park:** State has one bio-pharma park, Serum Bio Pharma park at Pune.
- SEZs:** It has pharma SEZs at Aurangabad and Nanded.

3. DEDICATED INSTITUTES

- Presence of medical and pharma colleges such as:
 - Bombay College of Pharmacy,
 - K. M. K. College of Pharmacy,
 - Bharatya Vidhyapeeth College of Pharmacy and several others.



Government of Maharashtra

Maharashtra: Pharmaceutical Ecosystem (2/2)



B Common Effluent Treatment Plants (CETPs)

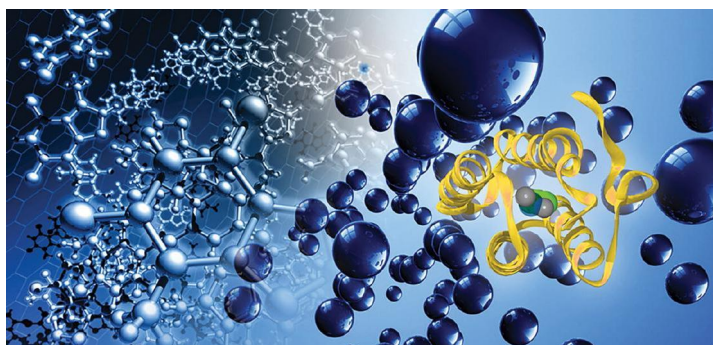
- Maharashtra has 20 operational CETPs and another 7 are under construction. Together the capacity of these treatment plants is ~286 MLD. Another 16 have been planned.

C. Common Hazardous Waste Treatment Plants (CHWTPs)

- The state has 4 CHWTPs at Taloja, TTC, Ranjangaon and Butibori, which is one of the largest in the country.
- The aggregate capacity of these plants is 250,000 MT per annum. In addition, two more CHWTPs have been proposed in the state.

D. Others

- The state has a well developed infrastructure, which it is continually expanding, including electricity availability, development of ports, airports, road and rail.
- It also offers a conducive labour environment that can be gauged from one of the lowest number of labour strikes in the country, compared to its peers.





Government of Maharashtra

Maharashtra: Key Players in the Pharmaceutical Sector





Government of Maharashtra

Maharashtra: Key Players in the Pharmaceutical Sector

