



INDUSTRIAL GROWTH & DEVELOPMENT IN THANE DISTRICT

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ABSTRACT

India is a vast continent spread from Himalayas to Kanyakumari and Eastern Sea to Western Sea. Before the advent of industrial revolution it was the only industrial Nation supplying the needs of Western countries with traditional textile, jute, jewelry etc. supplied worldwide through the silk route. After industrial revolution the hand operated machines were replaced by power operated machines and now in the 21st century information technology revolution has brought a sea change in industry.

KEYWORDS: *industrial revolution , power operated machines , information technology.*

INTRODUCTION

After independence in 1947, various policy resolutions were enacted in 1948, 1956 and 1971 under the Socialistic Pattern of Society adopted in the Directive Principles of State Policy of Constitution of India. However, in 1991, the New Economic Policy brought a new change and the philosophy of socialistic pattern of society was replaced by Globalization, Privatization and Liberalization. These events in the economic history of India exercised an impact on the textile industry which was the co-industry of India and particularly of Mumbai which was the birth place of modern textile industry. Hence, this study of growth and development of textile industry.

OBJECTIVES

The present paper aims to analyze industrial growth and development in Thane district with reference to various criteria.

HYPOTHESIS

The industrial growth and development in Thane district has shown a notable progress with reference to - Land Acquired by Industrial Area in Thane District, Land Developed by Industrial Area in Thane District, No. of Plots Industrial Area in Thane District, No. of Allotted Plots Industrial Area in Thane District, No. of Vacant Plots Industrial Area in Thane District, No. of Units in Production in Industrial Area in Thane District, Classification of Units in Industrial Areas of Thane District, Employment Generation by the Units in Industrial Areas of Thane District, Investment by the Units in Industrial Areas of Thane District and Production Capacity of the Units in Industrial Areas of Thane District.

Industrial Growth & Development in Thane District

The present paper is devoted to the analytic study of industrial growth and development in Thane district with reference to following major criteria.

Land Acquired by Industrial Area in Thane District



Industrial development depends upon the availability of land. Land in MIDC area is the basic infrastructure of industry. Industrial growth and development is possible when there is availability of land for industries. The researcher has studied the land acquired by the industrial areas in Thane district. The results are shown in the following table.

Table No. 3.11
Land Acquired by Industrial Area in Thane District

Sr. No.	Name of the Industrial Area	Land Acquired (in Hect.)	%
01.	Thane	252.36	4.47
02.	Tarapur	1028.54	18.22
03.	Dombivli	357.27	6.33
04.	Mira	7.82	0.14
05.	Ambernath (Ambernath-Badlapur Road)	228.49	4.05
06.	Addl. Ambernath & Anand Nagar	507.47	8.99
07.	Addl. Ambernath Village Pale & Bohonoli	506.64	8.98
08.	Badlapur	101.10	1.79
09.	Kalyan Bhiwandi (Bhiwandi)	48.16	0.85
10.	Addl. Kalyan Bhiwandi (Bhiwandi)	4.27	0.08
11.	Murbad	130.71	2.32
12.	Addl. Murbad (Khudavali)	138.85	2.46
13.	T.T.C.	2333.27	41.33
14.	Total Thane Dist.	5644.95	100.00

Source: MSME-DI, Mumbai.

It can be seen from the above table that, the total land acquired by the Industrial Areas in Thane District is 5644.95 Hect. Out of which Thane Industrial Area has acquired 252.36 Hect. (4.47%), Tarapur Industrial Area has acquired 1028.54 Hect. (18.22%), Dombivli Industrial Area has acquired 357.27 Hect. (6.33%), Mira Industrial Area has acquired 7.82 Hect. (0.14%), Ambernath (Ambernath-Badlapur Road) Industrial Area has acquired 228.49 Hect (4.05%), Additional Ambernath & Anandnagar Industrial Area has acquired 507.47 Hect. (8.99%), Additional Ambernath Village Pale & Bhonoli Industrial Area has acquired 506.64 Hect. (8.98%), Badlapur Industrial Area has acquired 101.10 Hect. (1.79%), Kalyan Bhiwandi (Bhiwandi) Industrial Area has acquired 48.16 Hect (0.85%), Additional Kalyan Bhiwandi (Bhiwandi) Industrial Area has acquired 4.27 Hect (0.08%), Murbad Industrial Area has acquired 130.71 Hect (2.32%), Additional Murbad (Khudavali) Industrial Area has acquired 138.85 Hect. (2.46%) and T.T.C. Industrial Area has acquired 2333.27 Hect. (41.33%).

Land Developed by Industrial Area in Thane District

Having made the land available development of the land with proper infrastructure of roads plots of various size etc. is necessary. The researcher has studied the land developed by the industrial areas in Thane district. The results are shown in the following table.

Table No. 3.12
Land Developed by Industrial Area in Thane District

Sr. No.	Name of the Industrial Area	Land Developed (in Hect.)	%
01.	Thane	252.36	4.45
02.	Tarapur	1028.54	18.13
03.	Dombivli	357.27	6.30
04.	Mira	7.82	0.14
05.	Ambernath (Ambernath-Badlapur Road)	228.49	4.03
06.	Addl. Ambernath & Anand Nagar	504.47	8.89
07.	Addl. Ambernath Village Pale & Bohonoli	503.22	8.87
08.	Badlapur	99.80	1.76
09.	Kalyan Bhiwandi (Bhiwandi)	48.16	0.85
10.	Addl. Kalyan Bhiwandi (Bhiwandi)	4.27	0.08
11.	Murbad	130.71	2.30
12.	Addl. Murbad (Khudavali)	134.86	2.38
13.	T.T.C.	2333.27	41.13
14.	Total Thane Dist.	5673.24	100.00

Source: MSME-DI, Mumbai.

It can be seen from the above table that, the total land developed by the Industrial Areas in Thane District is 5673.24 Hect. Out of which Thane Industrial Area has developed 252.36 Hect. (4.45%), Tarapur Industrial Area has developed 1028.54 Hect. (18.13%), Dombivli Industrial Area has developed 357.27 Hect. (6.30%), Mira Industrial Area has developed 7.82 Hect. (0.14%), Ambernath (Ambernath-Badlapur Road) Industrial Area has developed 228.49 Hect (4.03%), Additional Ambernath & Anandnagar Industrial Area has developed 504.47 Hect. (8.89%), Additional Ambernath Village Pale & Bhonoli Industrial Area has developed 503.22 Hect. (8.87%), Badlapur Industrial Area has developed 99.80 Hect. (1.76%), Kalyan Bhiwandi (Bhiwandi) Industrial Area has developed 48.16 Hect. (0.85%), Additional Kalyan Bhiwandi (Bhiwandi) Industrial Area has developed 4.27 Hect (0.08%), Murbad Industrial Area has developed 130.71 Hect (2.30%), Additional Murbad (Khudavali) Industrial Area has developed 134.86 Hect. (2.38%) and T.T.C. Industrial Area has developed 2333.27 Hect. (41.13%).

No. of Plots Industrial Area in Thane District

The MIDC is allotting plots of different size according to the needs of the industrialists. There are various sizes of plots small, medium and big. The researcher has studied the No. of plots the industrial areas in Thane district. The results are shown in the following table.

Table No. 3.13
No. of Plots Industrial Area in Thane District

Sr. No.	Name of the Industrial Area	No. of Plots	%
01.	Thane	827	0.79
02.	Tarapur	71588	68.64
03.	Dombivli	21468	20.58
04.	Mira	4647	4.46
05.	Ambernath (Ambernath-Badlapur Road)	291	0.28
06.	Addl. Ambernath & Anand Nagar	846	0.81
07.	Addl. Ambernath Village Pale & Bohonoli	3	0.003
08.	Badlapur	374	0.36
09.	Kalyan Bhiwandi (Bhiwandi)	33	0.03
10.	Addl. Kalyan Bhiwandi (Bhiwandi)	2	0.002
11.	Murbad	217	0.21
12.	Addl. Murbad (Khudavali)	303	0.29
13.	T.T.C.	3693	3.54
14.	Total Thane Dist.	104292	100.00

Source: MSME-DI, Mumbai.

It can be seen from the above table that, the total No. of Plots in Industrial Areas of Thane District are 104292. Out of which Thane Industrial Area has 827 (0.79%) plots, Tarapur Industrial Area has 71588 (68.64%) plots, Dombivli Industrial Area has 21468 (20.58%) plots, Mira Industrial Area has 4647 (4.46%) plots, Ambernath (Ambernath-Badlapur Road) Industrial Area has 291 (0.28%) plots, Additional Ambernath & Anandnagar Industrial Area has 846 (0.81%), Additional Ambernath Village Pale & Bhonoli Industrial Area has 3 (0.003%) plots, Badlapur Industrial Area has 374 (0.36) plots, Kalyan Bhiwandi (Bhiwandi) Industrial Area has 33 (0.03%) plots, Additional Kalyan Bhiwandi (Bhiwandi) Industrial Area has 2 (0.0002%) plots, Murbad Industrial Area has 217 (0.21%) plots, Additional Murbad (Khudavali) Industrial Area has 303 (0.29%) plots and T.T.C. Industrial Area has 3693 (3.54%) plots.

No. of Allotted Plots Industrial Area in Thane District

After having designed the layout of the plots the work of allotment starts. They are allotted according to the requirements and demands coming from the entrepreneurs. The researcher has studied the No. of allotted plots the industrial areas in Thane district. The results are shown in the following table.

Table No. 3.14
No. of Allotted Plots Industrial Area in Thane District

Sr. No.	Name of the Industrial Area	No. of allotted Plots	%
01.	Thane	737	0.73
02.	Tarapur	70109	69.38
03.	Dombivli	19915	19.71
04.	Mira	4647	4.60
05.	Ambernath (Ambernath-Badlapur Road)	290	0.29
06.	Addl. Ambernath & Anand Nagar	823	0.81
07.	Addl. Ambernath Village Pale & Bohonoli	3	0.003
08.	Badlapur	331	0.33
09.	Kalyan Bhiwandi (Bhiwandi)	33	0.03

10.	Addl. Kalyan Bhiwandi (Bhiwandi)	2	0.002
11.	Murbad	202	0.20
12.	Addl. Murbad (Khudavali)	300	0.30
13.	T.T.C.	3664	3.63
14.	Total Thane Dist.	101056	100.00

Source: MSME-DI, Mumbai.

It can be seen from the above table that, the total No. of Plots allotted in Industrial Areas of Thane District are 101056. Out of which Thane Industrial Area has allotted 737 (0.73%) plots, Tarapur Industrial Area has allotted 70109 (69.38%) plots, Dombivli Industrial Area has allotted 19915 (19.71%) plots, Mira Industrial Area has allotted 4647 (4.60%) plots, Ambernath (Ambernath-Badlapur Road) Industrial Area has allotted 290 (0.29%) plots, Additional Ambernath & Anandnagar Industrial Area has allotted 823 (0.81%) plots, Additional Ambernath Village Pale & Bhonoli Industrial Area has allotted 3 (0.003%) plots, Badlapur Industrial Area has allotted 331 (0.33) plots, Kalyan Bhiwandi (Bhiwandi) Industrial Area has allotted 33 (0.03%) plots, Additional Kalyan Bhiwandi (Bhiwandi) Industrial Area has allotted 2 (0.0002%) plots, Murbad Industrial Area has allotted 202 (0.20%) plots, Additional Murbad (Khudavali) Industrial Area has allotted 300 (0.30%) plots and T.T.C. Industrial Area has allotted 3664 (3.63%) plots.

No. of Vacant Plots Industrial Area in Thane District

After having allotting the plots many plots remain vacant. The researcher has studied the No. of vacant plots the industrial areas in Thane district. The results are shown in the following table.

Table No. 3.15
No. of Vacant Plots Industrial Area in Thane District

Sr. No.	Name of the Industrial Area	No. of Vacant Plots	%
01.	Thane	90	2.78
02.	Tarapur	1479	45.70
03.	Dombivli	1553	47.99
04.	Mira	0	0
05.	Ambernath (Ambernath-Badlapur Road)	1	0.03
06.	Addl. Ambernath & Anand Nagar	23	0.71
07.	Addl. Ambernath Village Pale & Bohonoli	0	0
08.	Badlapur	43	1.33
09.	Kalyan Bhiwandi (Bhiwandi)	0	0
10.	Addl. Kalyan Bhiwandi (Bhiwandi)	0	0
11.	Murbad	15	0.46
12.	Addl. Murbad (Khudavali)	3	0.9
13.	T.T.C.	29	0.90
14.	Total Thane Dist.	3236	100.00

Source: MSME-DI, Mumbai.

It can be seen from the above table that, the total No. of Vacant plots in Industrial Areas of Thane District are 3236. Out of which Thane Industrial Area has 90 (2.78%) vacant plots, Tarapur Industrial Area has 1479 (45.70%) vacant plots, Dombivli Industrial Area has 1553 (47.99%) vacant plots, Mira Industrial Area has no vacant plots, Ambernath (Ambernath-Badlapur Road) Industrial Area has 1 (0.03%) vacant plots, Additional Ambernath & Anandnagar Industrial Area has 23 (0.71%) vacant plots, Additional Ambernath Village Pale & Bhonoli Industrial Area has no vacant plots, Badlapur Industrial Area has 43 (1.33) vacant plots, Kalyan Bhiwandi (Bhiwandi) & Additional Kalyan Bhiwandi (Bhiwandi) Industrial Area has no vacant

plots, Murbad Industrial Area has 15 (0.46%) vacant plots, Additional Murbad (Khudavali) Industrial Area has 3 (0.09%) vacant plots and T.T.C. Industrial Area has 29 (0.90%) vacant plots.

No. of Units in Production in Industrial Area in Thane District

In spite of the establishment of the units on the plots allotted all units are not working. Some are sick and closed some are working. The researcher has studied the No. of units in production in the industrial areas in Thane district. The results are shown in the following table.

Table No. 3.16
No. of Units in Production in Industrial Area in Thane District

Sr. No.	Name of the Industrial Area	No. of Units in Production	%
01.	Thane	633	7.49
02.	Tarapur	1760	20.83
03.	Dombivli	1514	17.92
04.	Mira	37	0.44
05.	Ambarnath (Ambarnath-Badlapur Road)	250	2.96
06.	Addl. Ambarnath & Anand Nagar	717	8.49
07.	Addl. Ambarnath Village Pale & Bohonoli	0	0
08.	Badlapur	274	3.24
09.	Kalyan Bhiwandi (Bhiwandi)	20	0.24
10.	Addl. Kalyan Bhiwandi (Bhiwandi)	0	0
11.	Murbad	172	2.04
12.	Addl. Murbad (Khudavali)	260	3.08
13.	T.T.C.	2812	33.28
14.	Total Thane Dist.	8449	100.00

Source: MSME-DI, Mumbai.

It can be seen from the above table that, the total No. of Units in production in Industrial Areas of Thane District are 8449. Out of which Thane Industrial Area has 633 (7.49%) units in production, Tarapur Industrial Area has 1760 (20.83%) units in production, Dombivli Industrial Area has 1514 (17.92%) units in production, Mira Industrial Area has 37 (0.44%) units in production, Ambarnath (Ambarnath-Badlapur Road) Industrial Area has 250 (2.96%) units in production, Additional Ambarnath & Anandnagar Industrial Area has 717 (8.49%) units in production, Additional Ambarnath Village Pale & Bhonoli Industrial Area has no units, Badlapur Industrial Area has 274 (3.24) units in production, Kalyan Bhiwandi (Bhiwandi) Industrial Area has 20 (0.24%) units in production, Additional Kalyan Bhiwandi (Bhiwandi) Industrial Area has no units in production, Murbad Industrial Area has 172 (2.04%) units, Additional Murbad (Khudavali) Industrial Area has 260 (3.08%) units in production and T.T.C. Industrial Area has 2812 (33.28%) units in production.

Classification of Units in Industrial Areas of Thane District

Size of industry is an important aspect of industry. Normally the industries are classified into micro, small, medium and large industry. The researcher has studied the classification of Units the industrial areas of Thane district. The results are shown in the following table.

Table No. 3.17
Classification of Units in Industrial Areas of Thane District

Sr.	Category	Manufacturing	%	Service	%	Total	%
01.	Micro	9454	59.80	940	58.97	10394	59.72
02.	Small	5823	36.83	629	39.46	6452	37.07
03.	Medium	91	0.58	25	1.57	116	0.67
04.	Large	442	2.80	0	0	442	2.54
05.	Total	15810	100.00	1594	100	17404	100.00

Source: MSME-DI, Mumbai.

From the above table following observations have been made –

There are 17404 units working in Thane district out of which 15810 are manufacturing units and 1594 are service units.

Out of 15810 manufacturing units 9454 (59.80%) are micro manufacturing units, 5823 (36.83%) are small manufacturing units, 91 (0.58%) are medium manufacturing units and 442 (2.80%) are large manufacturing units working in Thane district.

Out of 1594 service units 940 (58.97%) are micro service units, 629 (39.46%) are small service units and 25 (1.57%) are medium service units. However, there are no large service units working in Thane district.

Employment Generation by the Units in Industrial Areas of Thane District

Industry is the one of the major source of employment generation. The researcher has studied the employment generation by the Units in industrial areas of Thane district. The results are shown in the following table.

Table No. 3.18
Employment Generation by the Units in Industrial Areas of Thane District (No. of Persons)

Sr.	Category	Manufacturing	%	Service	%	Total	%
01.	Micro	98239	31.54	9777	26.11	108016	30.96
02.	Small	115846	37.20	19481	52.02	135327	38.79
03.	Medium	9041	2.90	8194	21.88	17235	4.94
04.	Large	88322	28.36	0	0	88322	25.31
	Total	311448	100.00	37452	100.00	348900	100.00

Source: MSME-DI, Mumbai.

It can be seen from the above table that –

The total employment generated by industrial units in Thane district is 348900 out of which 311448 are from manufacturing units and 37452 are from service units.

Out of the total 311448 employment generated by manufacturing units in Thane district 98239 (31.54%) employment generated by micro manufacturing units, 115846 (37.20%) employment generated by small manufacturing units, 9041 (2.90%) employment generated by medium manufacturing units and 88322 (28.36%) employment generated by large manufacturing units working in Thane district.

Out of the total 37452 employment generated by service units in Thane district 9777 (26.11%) employment generated by micro service units, 19481 (52.02%) employment generated by small service units and 8194 (21.88%) employment generated by medium service units. However, there are no large service units working in Thane district.

Investment by the Units in Industrial Areas of Thane District

Finance is the lifeblood of industry. Investment is major financial aspect that has relevance to industrial development. The researcher has studied the Investment by the Units in industrial areas of Thane district. The results are shown in the following table.

Table No. 3.19
Investment by the Units in Industrial Areas of Thane District (Rs. In Lakh)

Sr.	Category	Manufacturing	%	Service	%	Total	%
01.	Micro	71095	4.68	9329	22.85	80425	5.15
02.	Small	647635	42.59	23079	56.54	670713	42.95
03.	Medium	63276	4.16	8414	20.61	71690	4.59
04.	Large	738700	48.58	0	0	738700	47.31
	Total	1520706	100.00	40822	100.00	1561528	100.00

Source: MSME-DI, Mumbai.

It can be seen from the above table that –The total investment made by industrial units in Thane district is Rs. 348900 lakh out of which Rs. 1520706 lakh is by manufacturing units and Rs. 40822 lakh is by service units.

Out of the total Rs. 1520706 lakh investment made by manufacturing units in Thane district Rs. 71095 lakh (4.68%) investment made by micro manufacturing units, Rs. 647635 lakh (42.59%) investment made by small manufacturing units, Rs. 63276 lakh (4.16%) investment made by medium manufacturing units and Rs. 738700 lakh (48.58%) investment made by large manufacturing units working in Thane district.

Out of the total Rs. 40822 lakh investment made by service units in Thane district Rs. 9329 lakh (22.85%) investment made by micro service units, Rs. 23079 lakh (56.54%) investment made by small service units and Rs. 8414 lakh (20.61%) investment made by medium service units. However, there are no large service units working in Thane district.

Production Capacity of the Units in Industrial Areas of Thane District

Production capacity differs from industry to industry according to the size and investment of the industry. The researcher has studied the production capacity the Units in industrial areas of Thane district. The results are shown in the following table.

Table No. 3.20
Production Capacity of the Units in Industrial Areas of Thane District (Rs. In Lakh)

Sr.	Category	Manufacturing	%	Service	%	Total	%
01.	Micro	1112517	0.26	480013	45.28	159253050	27.23
02.	Small	20550627	4.82	523900	49.42	21074527	3.60
03.	Medium	340836	0.08	56218	5.30	397054	0.07
04.	Large	404219337	94.84	--	--	404219337	69.10
	Total	426223317	100.00	1060131	100.00	584943968	100.00

Source: MSME-DI, Mumbai.

It can be seen from the above table that –

The total capacity of production of industrial units in Thane district is Rs. 584943968 lakh out of which Rs. 426223317 lakh is of manufacturing units and Rs. 1060131 lakh is of service units.

Out of the total Rs. 426223317 lakh capacity of production of manufacturing units in Thane district Rs. 1112517 lakh (0.26%) capacity of production of micro manufacturing units, Rs. 20550627 lakh (4.82%) capacity of production of small manufacturing units, Rs. 340836 lakh (0.08%) capacity of production of

medium manufacturing units and Rs. 404219337 lakh (94.84%) capacity of production of large manufacturing units working in Thane district.

Out of the total Rs. 1060131 lakh capacity of production of service units in Thane district Rs. 480013 lakh (45.28%) capacity of production of micro service units, Rs. 523900 lakh (49.42%) capacity of production of small service units and Rs. 56218 lakh (5.30%) capacity of production of medium service units. However, there are no large service units working in Thane district.

CONCLUSION

Following conclusion are drawn from the above study.

- It is concluded that, the highest i.e. 2333.27 Hect (41.33%) area acquired by T.T.C. Industrial Area and the Lowest i.e. 4.27 Hect. (0.08%) area acquired by Additional Kalyan Bhiwandi Industrial Area.
- It is concluded that, the highest i.e. 2333.27 Hect (41.13%) area developed by T.T.C. Industrial Area and the Lowest i.e. 4.27 Hect. (0.08%) area developed by Additional Kalyan Bhiwandi Industrial Area.
- It is concluded that, the highest i.e. 71588 (68.64%) plots are in Tarapur Industrial Area and the Lowest i.e. 2 (0.002%) plots are in Additional Kalyan Bhiwandi Industrial Area.
- It is concluded that, the highest i.e. 70109 (69.38%) plots are allotted in Tarapur Industrial Area and the Lowest i.e. 2 (0.002%) plots are allotted in Additional Kalyan Bhiwandi Industrial Area.
- It is concluded that, the highest i.e. 1553 (47.99%) vacant plots are in Dombivli Industrial Area. Whereas Mira, Additional Ambernath Village Pale & Bhonoli, Kalyan Bhiwandi and Additional Kalyan Bhiwandi (Bhiwandi) Industrial Area has no vacant plots.
- It is concluded that, the highest i.e. 2812 (33.28%) units are in T.T.C. Industrial Area and the Lowest i.e. 20 (0.24%) units are in Kalyan Bhiwandi Industrial Area (Bhiwandi). As such Additional Ambernath Village Pale & Bhonoli and Additional Kalyan Bhiwandi (Bhiwandi) industrial areas have no units in production.
- It is concluded that,, out of total units in Thane district the highest i.e. 59.72% are micro units whereas, the lowest i.e. 0.67% are medium units.
- It is concluded that,, out of total employment generated by industrial units in Thane district the highest i.e. 59.72% employment generated by micro units whereas, the lowest i.e. 4.94% employment generated by medium units.
- It is concluded that,, out of total employment generated by industrial units in Thane district the highest i.e. 59.72% employment generated by micro units whereas, the lowest i.e. 4.94% employment generated by medium units.
- It is concluded that,, out of total investment made by industrial units in Thane district the highest i.e. 47.31% investment made by large units whereas, the lowest i.e. 4.59% investment made by medium units.
- It is concluded that,, out of total capacity of production of industrial units in Thane district the highest i.e. 69.10% capacity of production of large units whereas, the lowest i.e. 0.07% capacity of production of medium units.

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