REPORT OF COVID-19 CASES
Date: 21 April 2020
Time: 10:00 AM

Analytics: Medical Education and Drugs Department

Data: Public Health Department

Government of Maharashtra

Table No 1: Comparison of COVID-19 Cases and Deaths

VARIABLES	WORLD	INDIA	MAHARASHTRA
TOTAL CASES	2314621	18611	4676
NEW CASES	72846	1345	472
TOTAL DEATHS	157847	590	232
NEW DEATHS	5296	47	9
MORTALITY	6.81 %	3.17 %	4.96%

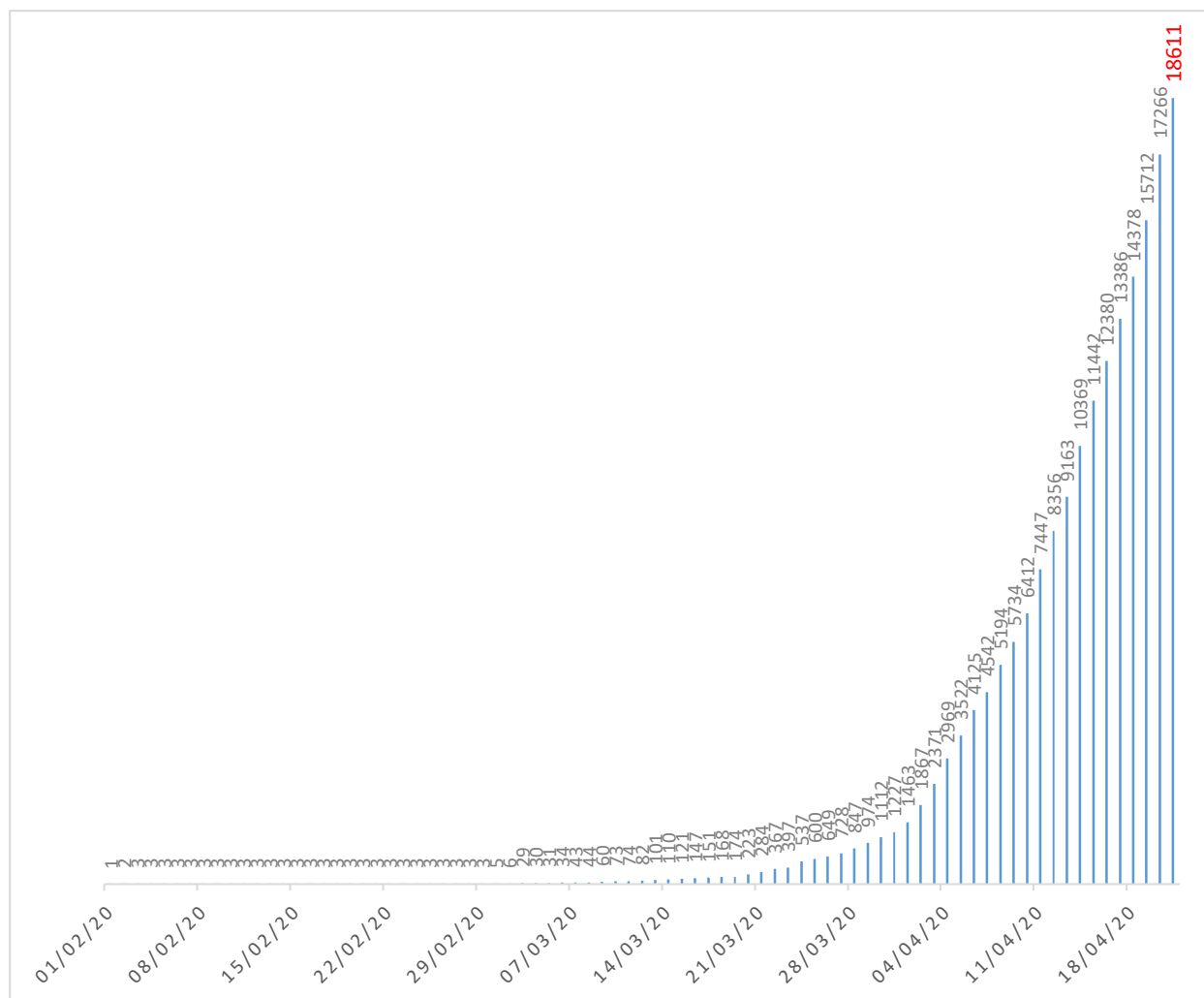**Figure No. 1: Trend of Daily COVID-19 Cases in India**

Table No. 2: Statewise Distribution of COVID-19 Cases & Deaths in India

Sr No	Name of States / Union Territory	Cases	Deaths	Mortality (%)
1	Meghalaya	11	1	9.09
2	Punjab	245	16	6.53
3	Madhya Pradesh	1485	74	4.98
4	**Maharashtra**	4676	232	4.96
5	Jharkhand	46	2	4.35
6	Karnataka	408	16	3.92
7	Gujarat	1939	71	3.66
8	West Bengal	392	12	3.06
9	Assam	35	1	2.86
10	Andhra Pradesh	722	20	2.77
11	Telangana	873	23	2.63
12	Himachal Pradesh	39	1	2.56
13	Delhi	2081	47	2.26
14	Bihar	113	2	1.77
15	Rajasthan	1576	25	1.59
16	Uttar Pradesh	1184	18	1.52
17	Jammu & Kashmir	368	5	1.36
18	Odisha	74	1	1.35
19	Haryana	254	3	1.18
20	Tamil Nadu	1520	17	1.12
21	Kerala	408	3	0.74
22	Andaman and Nicobar	16	0	0.00
23	Arunachal Pradesh	1	0	0.00
24	Chandigarh	26	0	0.00
25	Chhattisgarh	36	0	0.00
26	Goa	7	0	0.00
27	Ladakh	18	0	0.00
28	Manipur	2	0	0.00
29	Mizoram	1	0	0.00
30	Puducherry	7	0	0.00
31	Tripura	2	0	0.00
32	Uttarakhand	46	0	0.00
	Total	18611	590	3.17

Figure No 2: Statewise Distribution of COVID-19 Cases in India

State	Cases
Uttarakhand	46
Tripura	2
Puducherry	7
Mizoram	1
Manipur	2
Ladakh	18
Goa	7
Chhattisgarh	36
Chandigarh	26
Arunachal Pradesh	1
Andaman and Nicobar	16
Kerala	408
Tamil Nadu	1520
Haryana	254
Odisha	74
Jammu & Kashmir	368
Uttar Pradesh	1184
Rajasthan	1576
Bihar	113
Delhi	2081
Himachal Pradesh	39
Telangana	873
Andhra Pradesh	722
Assam	35
West Bengal	392
Gujarat	1939
Karnataka	408
Jharkhand	46
Maharashtra	4676
Madhya Pradesh	1485
Punjab	245
Meghalaya	11

Figure No 3: Date wise trend of COVID-19 Cases in India (N=18611) & Maharashtra (N=4676)
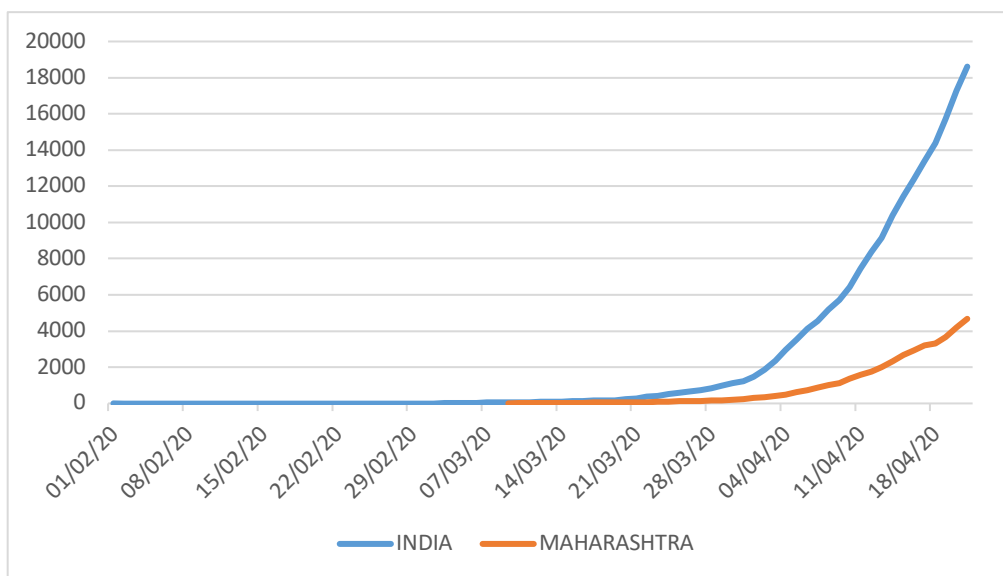

Figure No 4: Day wise trend of COVID-19 Cases in India (N=18611) & Maharashtra (N=4676)
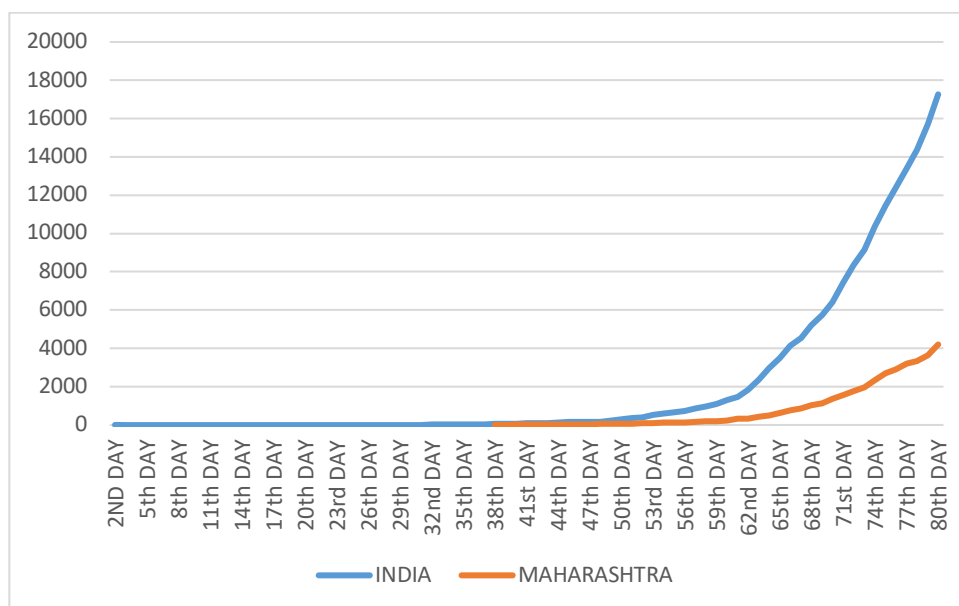
Figure No 5: Datewise Distribution of COVID-19 New Cases in India & Maharashtra
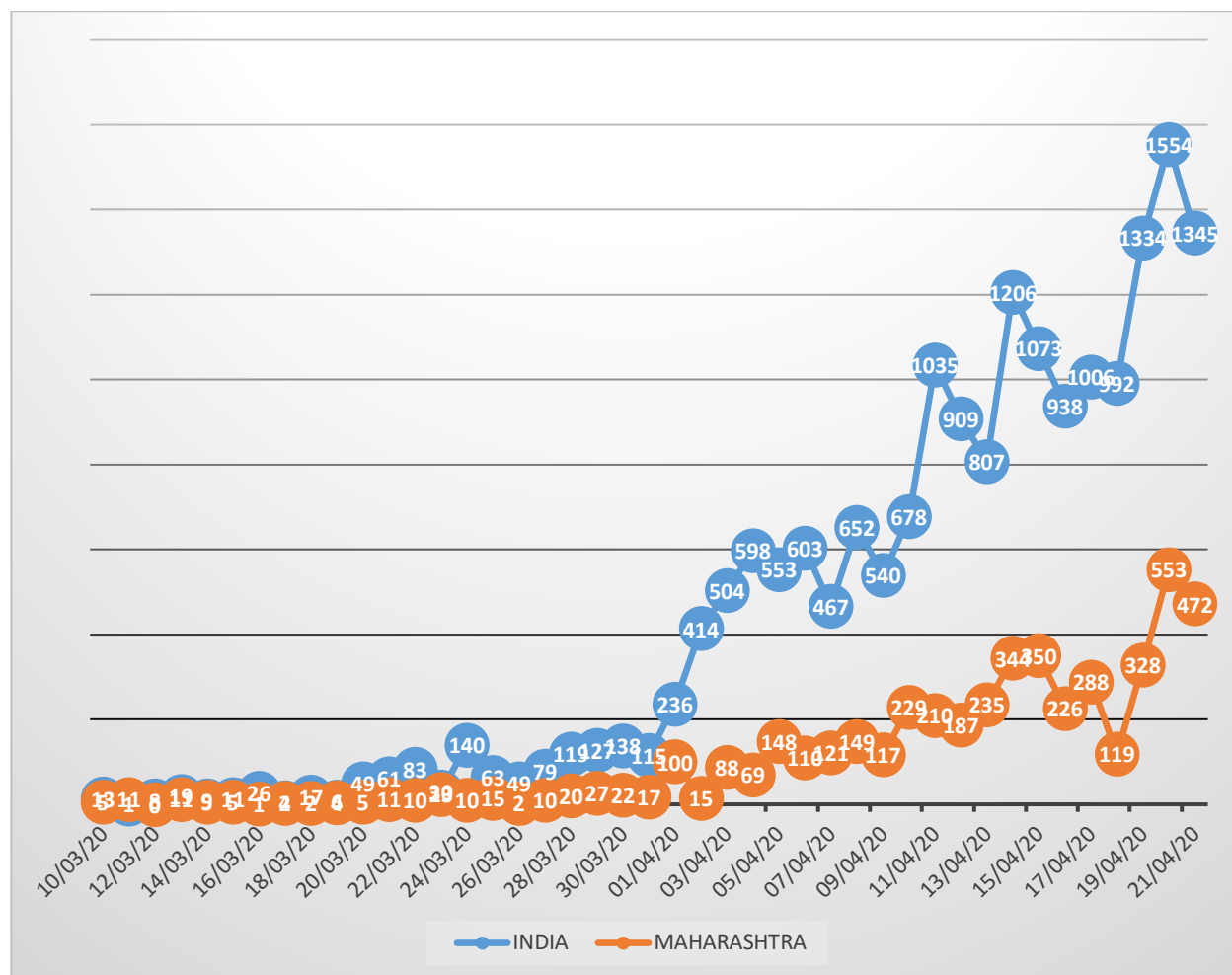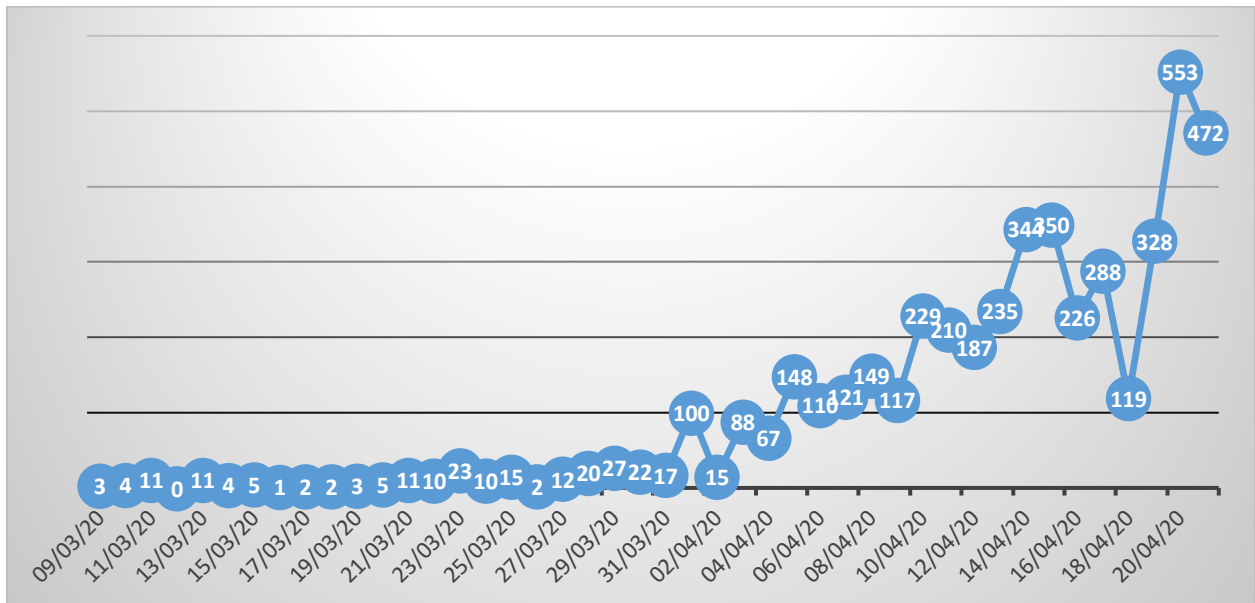
Figure No 6: Datewise Distribution of COVID-19 Cases in Maharashtra (N= 4676)

a) **Datewise Distribution of New cases**

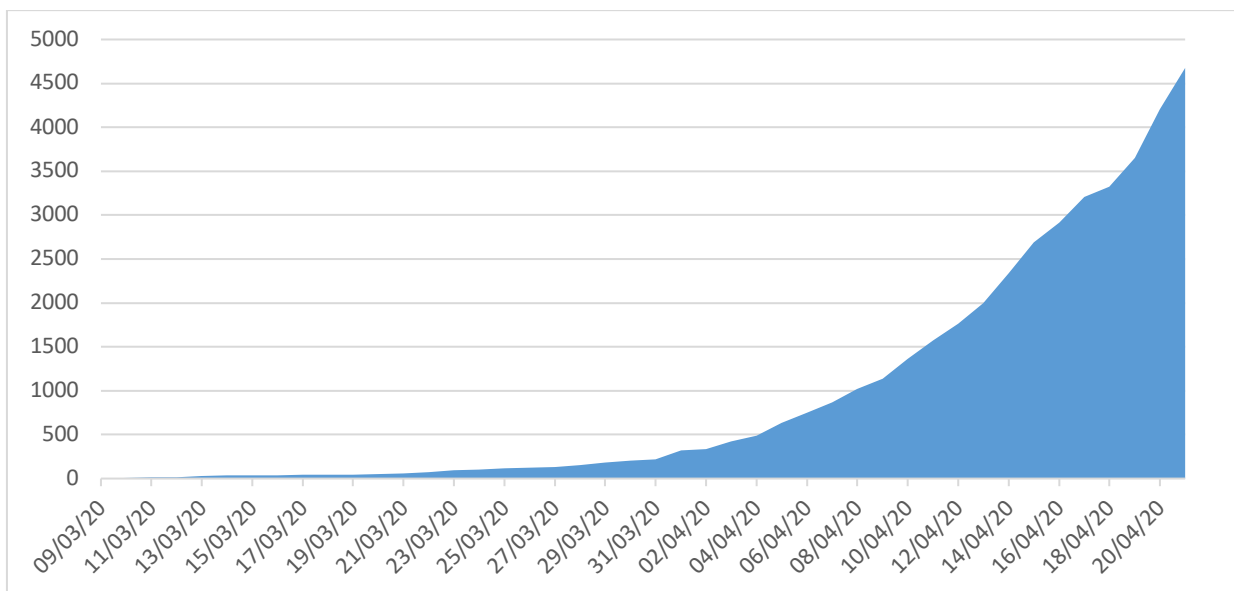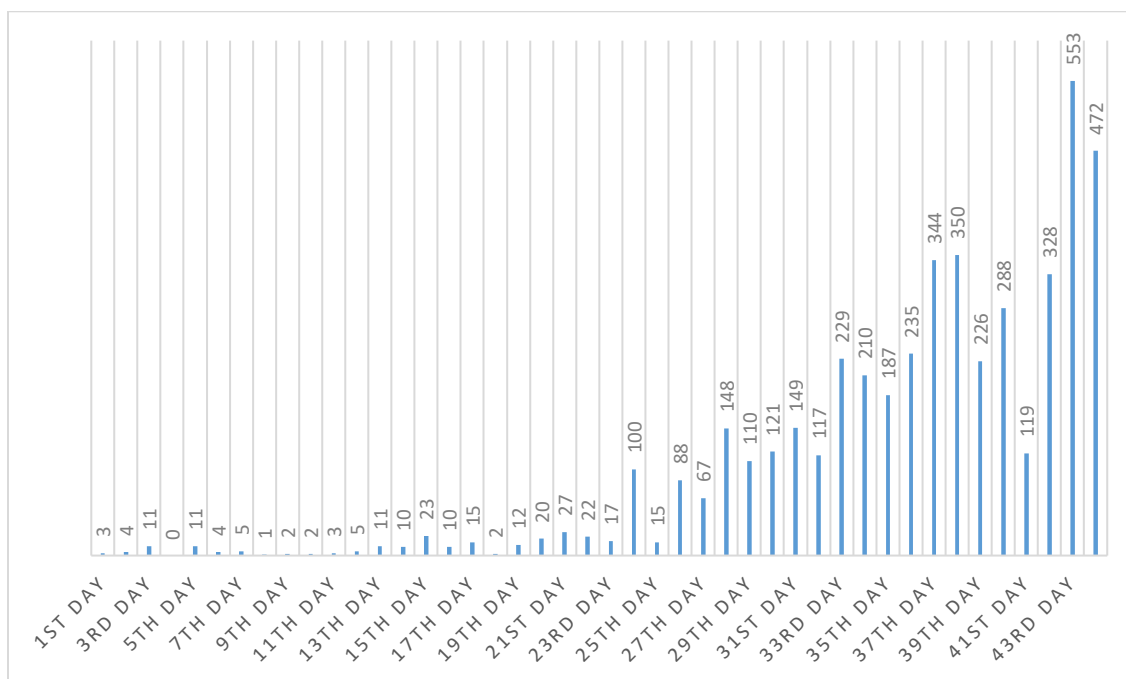b) **Datewise Distribution of Cumulative cases**

Figure No 7: Daywise Distribution of COVID-19 Cases in Maharashtra (N= 4676)

a) **Daywise Distribution of New cases**

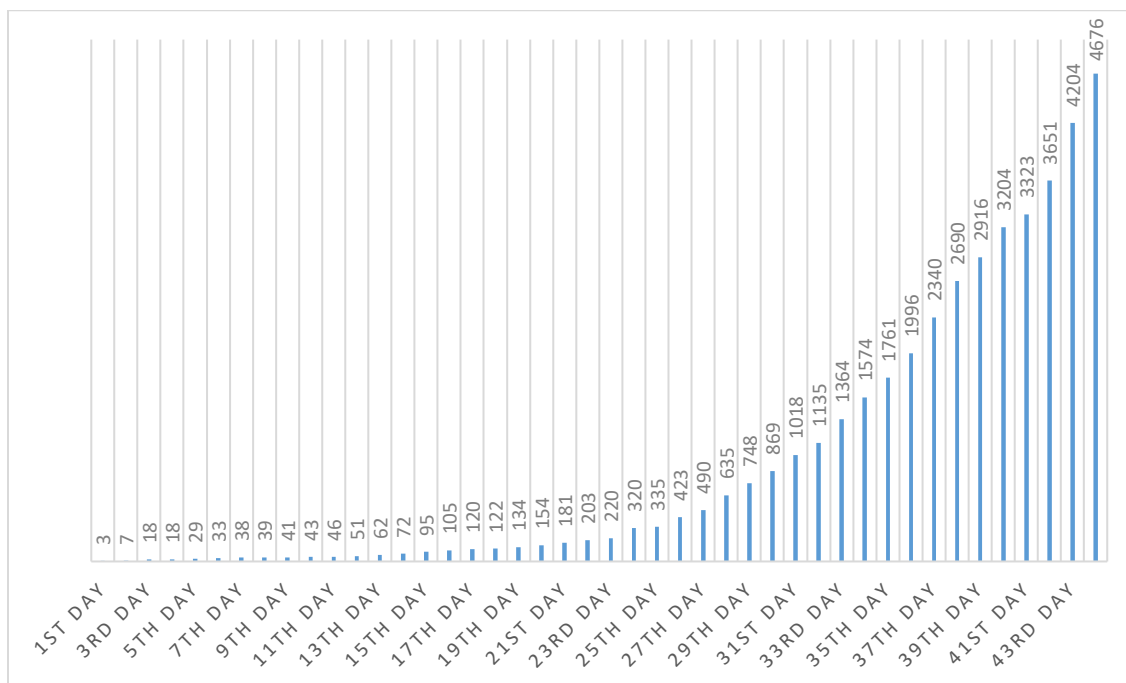b) **Daywise Distribution of Cumulative cases**

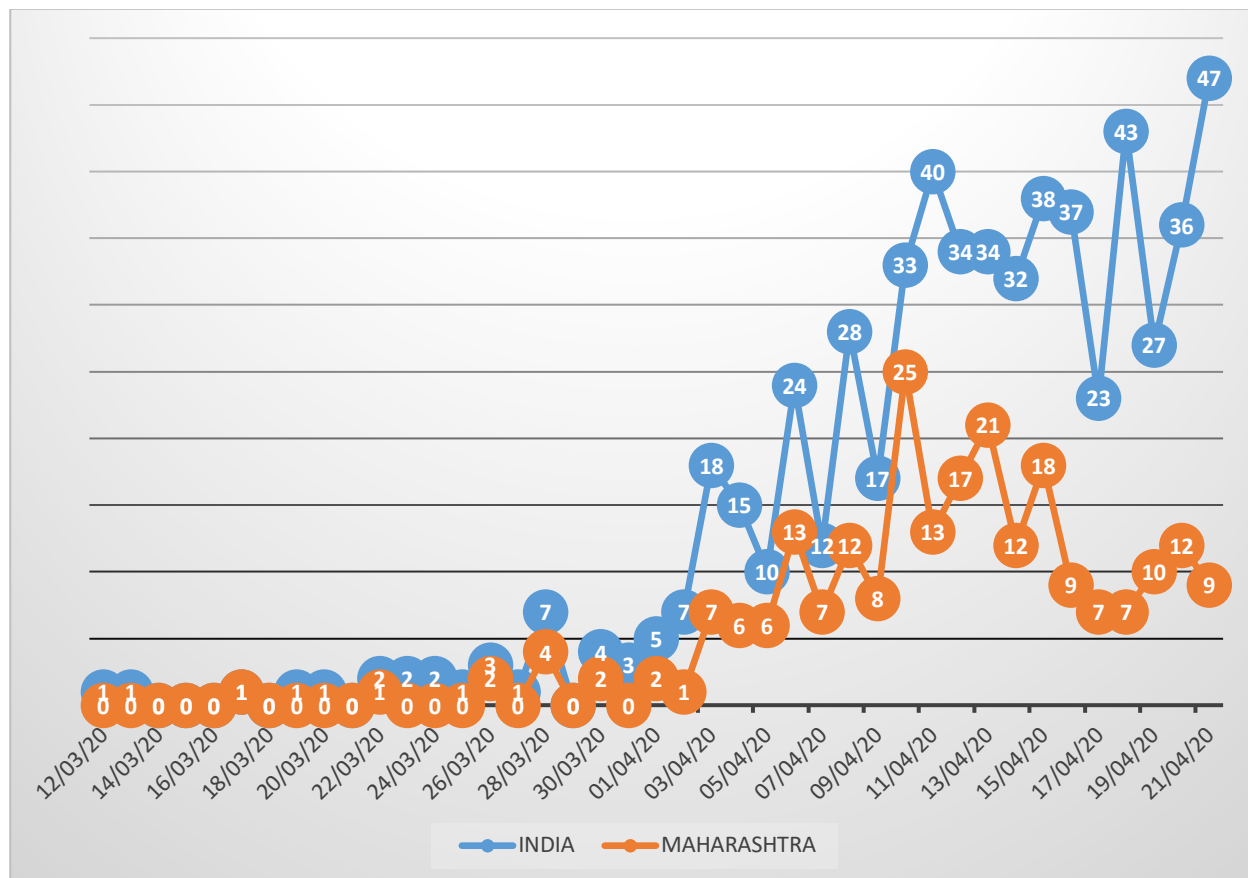**Figure No 8: Date wise Distribution of New Deaths due to COVID-19 in India and Maharashtra**

Table No 3: District/ Corporation wise Distribution of COVID-19 cases in Maharashtra (N= 4676)

S.N	DISTRICT / CORPORATION	TOTAL CASES	NEW CASES	TOTAL DEATHS	NEW DEATHS	RECOVERED
1	Mumbai	3032	308	139	7	342
2	Thane	20	0	2	0	3
3	Thane Municipal Corporations	134	24	2	0	4
4	Navi Mumbai Municipal Corporation	83	11	3	0	10
5	Kalyan-Dombivali Municipal Corporation	84	15	2	0	0
6	Ulhasnagar Municipal Corporation	1	0	0	0	0
7	Bhivandi-Nizampur Municipal Corporation	3	0	0	0	0
8	Mira-Bhayandar Municipal Corporation	78	7	2	0	1
9	Palghar	17	0	1	0	1
10	Vasai-Virar Municipal Corporation	107	22	3	0	4
11	Raigad	15	2	0	0	0
12	Panvel Municipal Corporation	33	6	1	0	0
13	Nashik	4	0	0	0	2
14	Nashik Municipal Corporation	6	1	0	0	0
15	Malegaon Municipal Corporation	85	7	8	2	0
16	Ahmednagar	21	0	2	0	11
17	Ahmednagar Municipal Corporation	8	0	0	0	0
18	Dhule	1	0	1	0	0
19	Jalgaon	1	0	0	0	0
20	Jalgaon Municipal Corporation	2	0	1	0	1
21	Nandurbar	1	0	0	0	0
22	Pune	18	1	1	0	0
23	Pune Municipal Corporation	594	48	49	0	90
24	Pimpri-Chinchwad Municipal Corporation	51	3	1	0	14
25	Solapur Municipal Corporation	21	6	2	0	0
26	Satara	13	2	2	0	3
27	Kolhapur	5	2	0	0	2
28	Kolhapur Municipal Corporation	3	0	0	0	0
29	Sangli	26	0	0	0	25
30	Sangli-Miraj-Kupwad Municipal Corporation	1	0	0	0	0
31	Sindhudurg	1	0	0	0	1
32	Ratnagiri	7	1	1	0	1
33	Aurangabad	1	0	0	0	0
34	Aurangabad Municipal Corporation	29	0	3	0	8
35	Jalna	1	0	0	0	0
36	Hingoli	1	0	0	0	1
37	Parbani Municipal Corporation	1	0	0	0	0
38	Latur	8	0	0	0	8
39	Osmanabad	3	0	0	0	3
40	Beed	1	0	0	0	0
41	Akola	7	0	1	0	0
42	Akola Municipal Corporation	9	0	0	0	0
43	Amaravati Municipal Corporation	6	0	1	0	0
44	Yavatmal	15	1	0	0	7
45	Buldhana	21	0	1	0	8
46	Washim	1	0	0	0	0
47	Nagpur	3	1	0	0	0
48	Nagpur Municipal Corporation	77	6	1	0	12
49	Gondia	1	0	0	0	1
50	Chandrapur Municipal Corporation	2	0	0	0	0
51	Other States	13	0	2	0	0
	TOTAL	**4676**	**472***	**232**	**9**	**572**

*The patient number given in this table are as per the addresses provided by the patients , patients can be the residence of other areas. Data taken from the press note of Public Health Department dated -20/04/2020

Figure No 9: District/ Corporation wise Distribution of COVID-19 Cases in Maharashtra(N=4676)
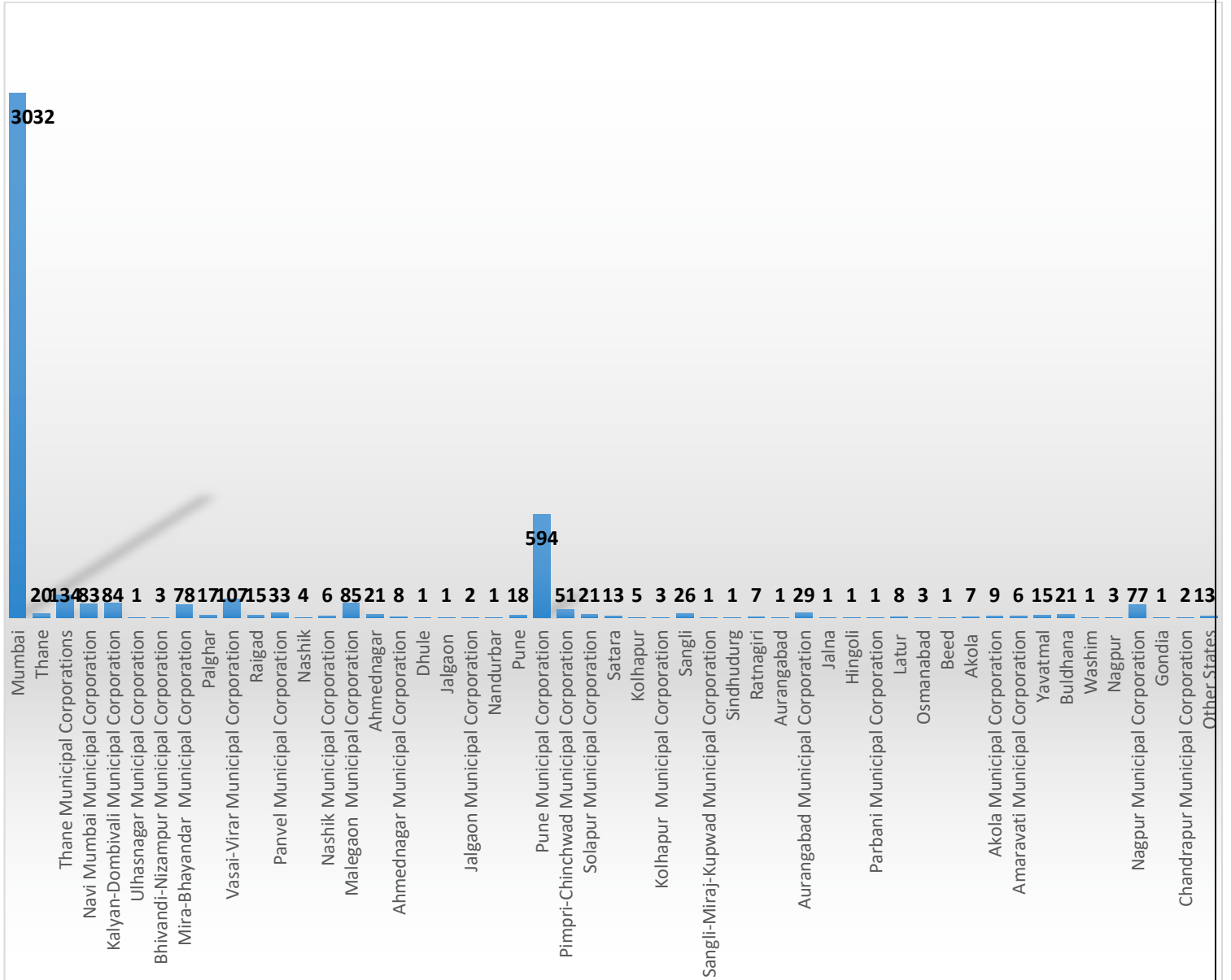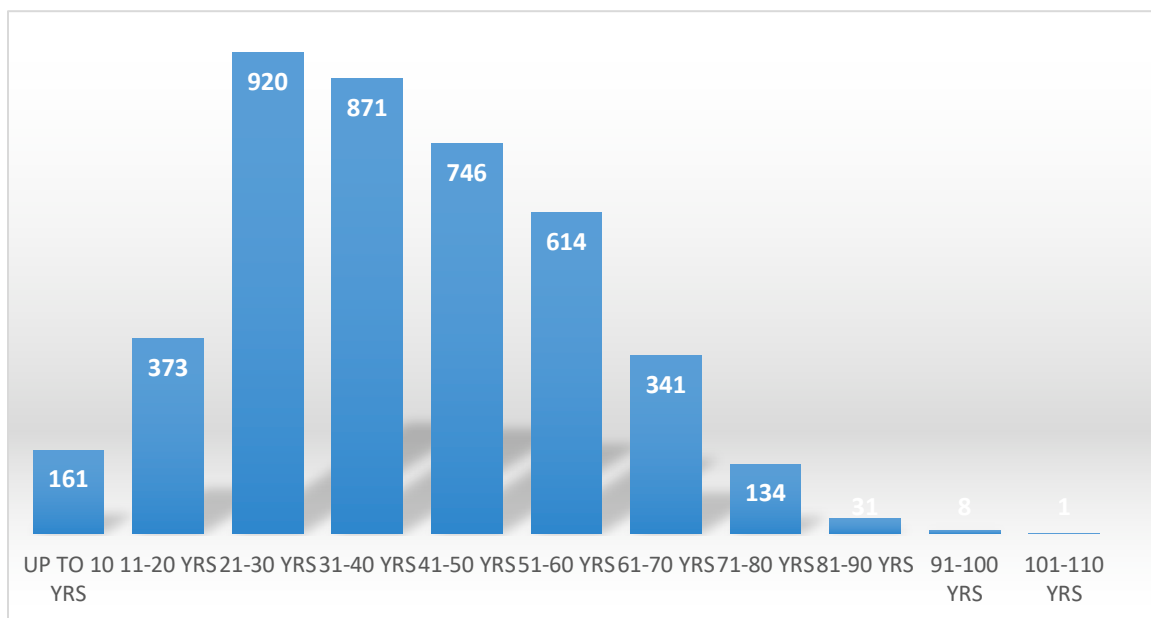

Bar chart values by district/corporation:

District/Corporation	Cases
Mumbai	3032
Thane	20
Thane Municipal Corporations	134
Navi Mumbai Municipal Corporation	83
Kalyan-Dombivali Municipal Corporation	84
Ulhasnagar Municipal Corporation	1
Bhivandi-Nizampur Municipal Corporation	3
Mira-Bhayandar Municipal Corporation	78
Palghar	17
Vasai-Virar Municipal Corporation	107
Raigad	15
Panvel Municipal Corporation	33
Nashik	4
Nashik Municipal Corporation	6
Malegaon Municipal Corporation	85
Ahmednagar	21
Ahmednagar Municipal Corporation	8
Dhule	1
Jalgaon	1
Jalgaon Municipal Corporation	2
Nandurbar	1
Pune	18
Pune Municipal Corporation	594
Pimpri-Chinchwad Municipal Corporation	51
Solapur Municipal Corporation	21
Satara	13
Kolhapur	5
Kolhapur Municipal Corporation	3
Sangli	26
Sangli-Miraj-Kupwad Municipal Corporation	1
Sindhudurg	1
Ratnagiri	7
Aurangabad	1
Aurangabad Municipal Corporation	29
Jalna	1
Hingoli	1
Parbani Municipal Corporation	1
Latur	8
Osmanabad	3
Beed	1
Akola	7
Akola Municipal Corporation	9
Amaravati Municipal Corporation	6
Yavatmal	15
Buldhana	21
Washim	1
Nagpur	3
Nagpur Municipal Corporation	77
Gondia	1
Chandrapur Municipal Corporation	2
Other States	13

Figure No 10: Age wise distribution of COVID-19 Cases in Maharashtra (N = 4200)*
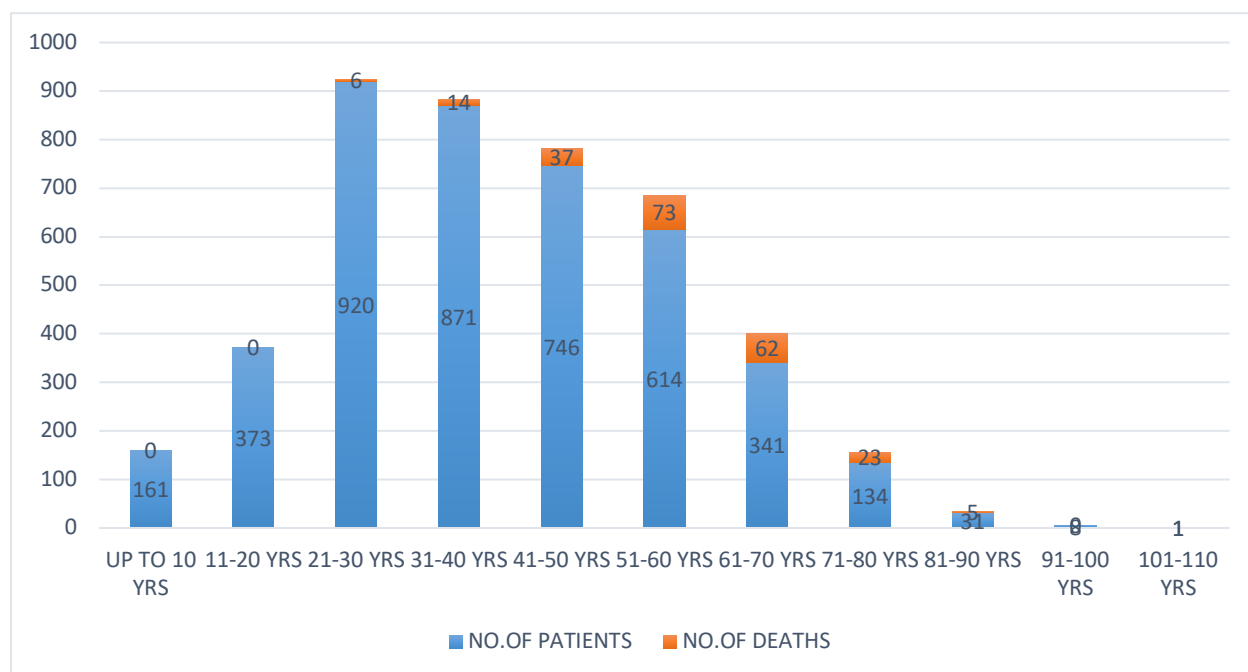

*Details are available for 4200 cases

Table. 4:Age wise distribution of cases (N=4200) and deaths in Maharashtra (N=221)*

| S.NO	AGE GROUP	NO.OF PATIENTS	NO.OF DEATHS	MORTALITY %
1	UP TO 10 YRS	161	0	0.00
2	11-20 YRS	373	0	0.00
3	21-30 YRS	920	6	0.65
4	31-40 YRS	871	14	1.61
5	41-50 YRS	746	37	4.96
6	51-60 YRS	614	73	11.89
7	61-70 YRS	341	62	18.18
8	71-80 YRS	134	23	17.16
9	81-90 YRS	31	5	16.13
10	91-100 YRS	8	0	0.00
11	101-110 YRS	1	1	100.00
	TOTAL	4200	221	5.26

*Details are available for 4200 Cases and 221 Deaths

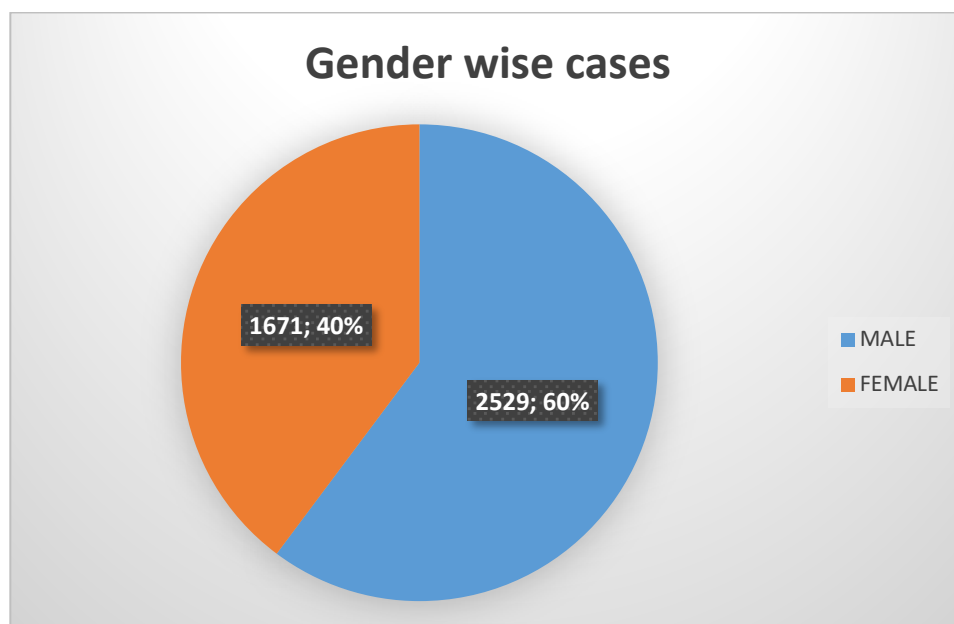**Figure No 11: Age wise distribution of deaths in Maharashtra (N=221)***

*Details are available for 221 Deaths

Figure No 12: Co-morbidity Status of COVID-19 deaths in Maharashtra (N=226)*
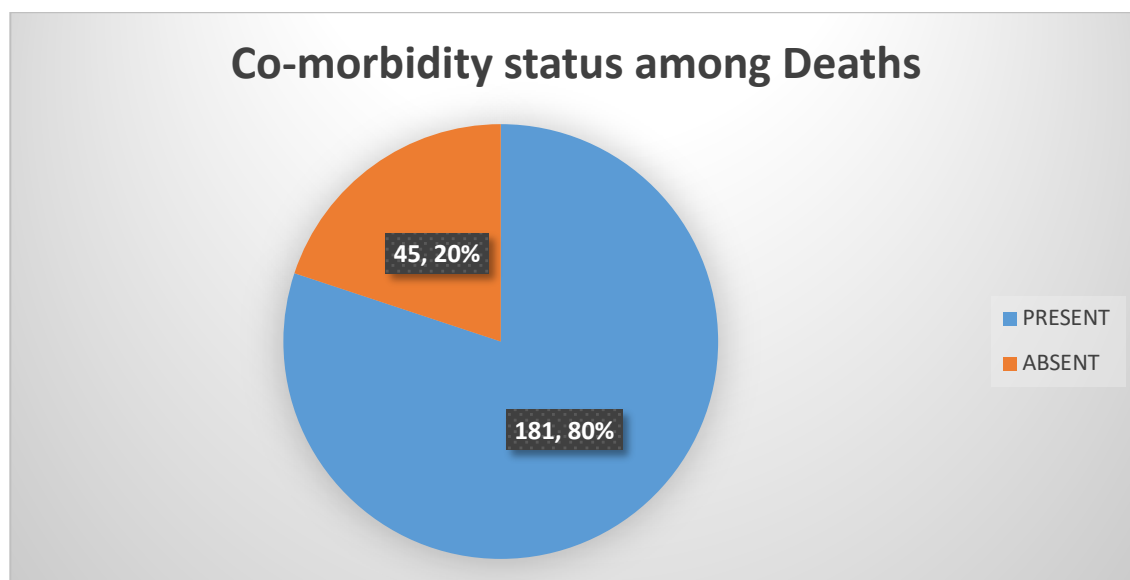
*Details are available for 226 Deaths

Figure No 13: Gender wise distribution of COVID-19 Cases in Maharashtra (N=4200) *

Gender wise cases

1671; 40%

2529; 60%

■ MALE
■ FEMALE

*Details are available for 4200 cases

Figure No 14: Genderwise distribution of COVID-19 Deaths in Maharashtra (N= 232)
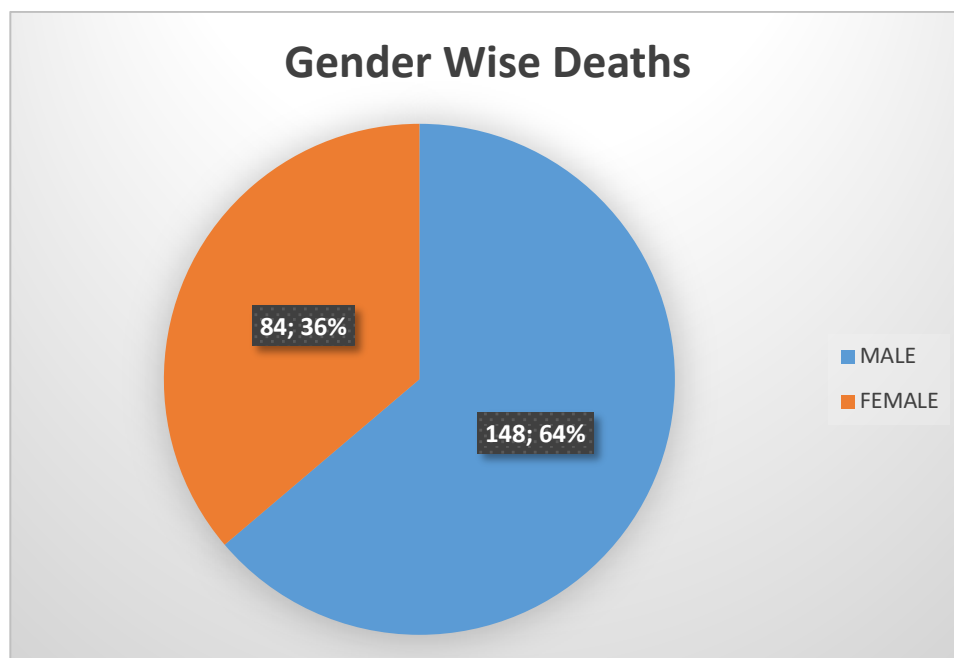
Gender Wise Deaths
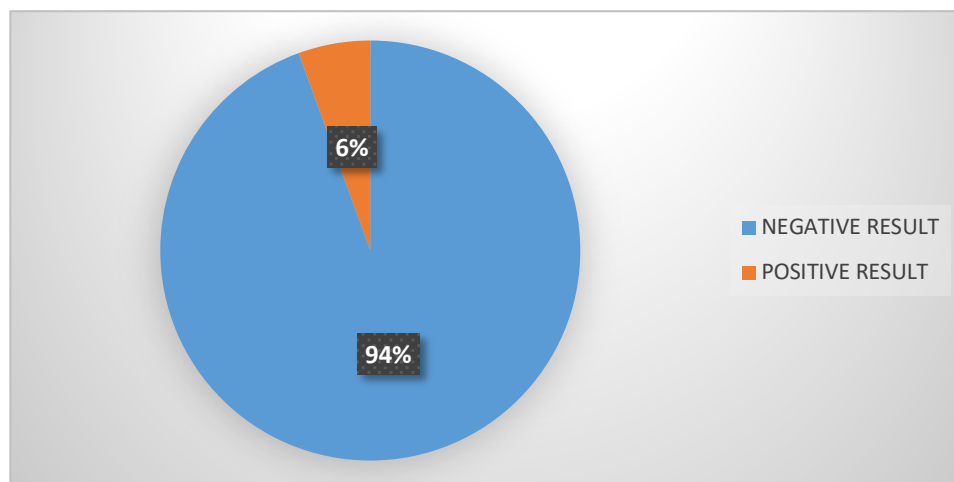
84; 36%

148; 64%

■ MALE
■ FEMALE

Figure No 15: Total samples tested for COVID-19 in Maharashtra (N=75838)*


*Details are available for 75838 tested samples

Table No 5: COVID-19 Testing status in Maharashtra.(N=75838)*

| STATUS	GOVERNMENT LABS	PRIVATE LABS	TOTAL
SAMPLES TESTED	38255	37583	75838
NEGATIVE	35822 (93.64)	35816 (95.30)	71638 (94.46)
POSITIVE	2433 (6.36)	1767 (4.70)	4200 (5.54)

*Details are available for 75838 tested samples

Figure No 16: Status of COVID-19 Cases in Maharashtra (N=3355)*
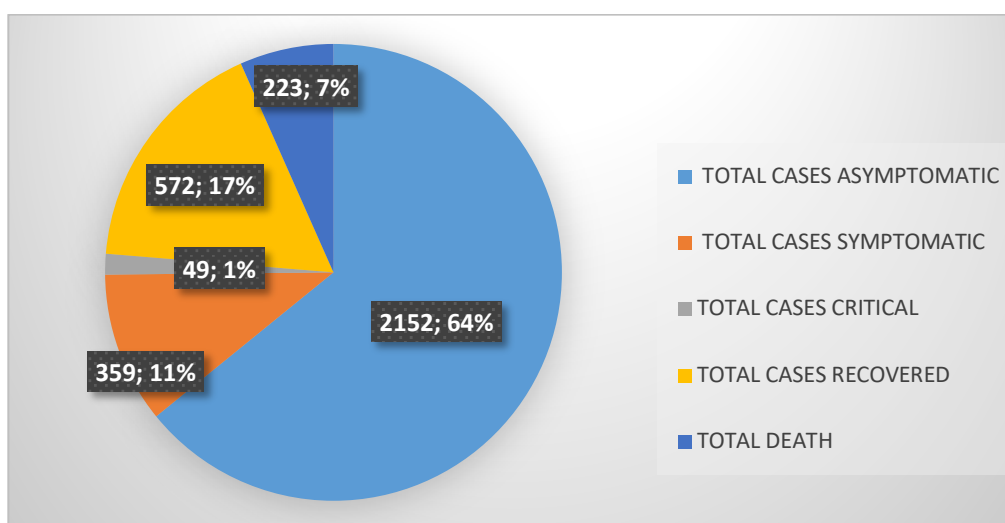
*Details are available for 3355 cases

Figure No 17: Current Status of COVID-19 admitted Patients in Maharashtra (N=2560)*
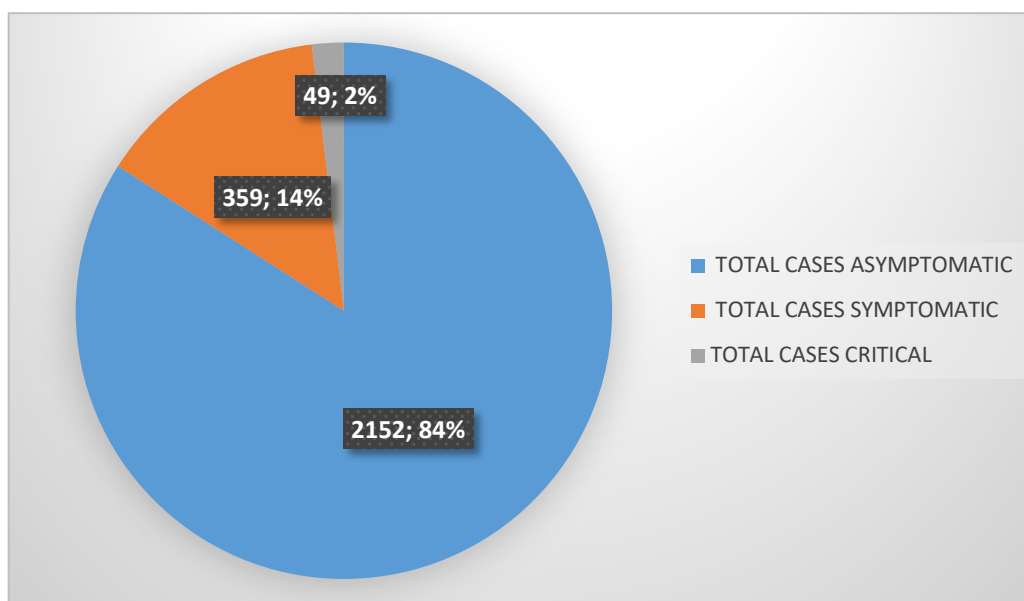
*Details are available for 2560 cases

Table No 6: Comparison of weekly COVID-19 cases with other countries

WEEKS	INDIA	USA	FRANCE	ITALY	JAPAN	IRAN	SPAIN	CHINA
1ST WEEK	3	11	6	3	4	95	1	278
2ND WEEK	3	13	6	3	20	2336	2	2761
3rd WEEK	3	15	11	400	26	8042	2	17238
4th WEEK	3	53	12	3089	59	16169	25	40235
5th WEEK	34	108	38	12462	144	24811	257	70635
6th WEEK	101	696	420	31506	254	35408	2965	77262
7th WEEK	223	3536	2860	74386	488	55743	13716	80174
8th WEEK	724	51914	9043	92472	814	62589	78797	80904
9th WEEK	1112	103321	28786	124632	1089	74877	130759	81077
10thWEEK	4125	122653	37145	147577	1693		152446	81601
11thWEEK	7447	273808	67757	168941	3271		182816	82351
12THWEEK	13387	395030	85351		6238			82930
13th WEEK		604070	107778		9167			83597

Table No 7:Doubling time of COVID-19 cases comparison with other countries

No. of cases	CHINA	KOREA	INDIA	USA	FRANCE	ITALY	JAPAN	SPAIN	IRAN
100	1ST DAY	31ST DAY	42ND DAY	44TH DAY	41ST DAY	25TH DAY	33RD DAY	32RD DAY	8TH DAY
1000	5TH DAYS	37TH DAY	58TH DAY	53RD DAY	49TH DAY	31ST DAY	63RD DAY	39TH DAY	13TH DAY
2000	6TH DAY	39TH DAY	**63RD DAY**	56TH DAY	52ND DAY	33RD DAY	74TH DAY	41ND DAY	14TH DAY
4000	8TH DAY	42ND DAY	66TH DAY	60ST DAY	55TH DAY	37TH DAY	79TH DAY	43TH DAY	17TH DAY
8000	11TH DAY	54TH DAY	72TH DAY	61ST DAY	60TH DAY	40TH DAY		46TH DAY	21ST DAY
16000	14TH DAY		80TH DAY	62nd DAY	64TH DAY	44TH DAY		50TH DAY	28TH DAY
32000	19TH DAY			64TH DAY	68TH DAY	50TH DAY		53RD DAY	38TH DAY
64000	28TH DAY			67TH DAY	73RD DAY	55TH DAY		57TH DAY	50TH DAY
128000				71ST DAY		67TH DAY		65TH DAY	
256000				73RDDAY					
512000				83RD DAY					

Reference:

Source:Report is prepared on the basis of information published by World Health Organization Daily Situation Report, Ministry of Health Family Welfare *mohfw.gov.in* and Daily Press Note released by Public Health Department.
Data Collection timing: 9:00 AM – 9:00 AM