State Control Room,
Directorate of Public Health and Preventive Medicine
Health and Family Welfare Department, Government of Tamil Nadu

Media Bulletin 19.08.2022

Daily report on Public Health measures taken for COVID-19

S.No	Description	Details
1	Number of COVID -19 testing facilities	347 (78 Govt+ 269 Private)
2	Number of active cases till yesterday	6,400
3	Number of persons tested positive today	639
4	Number of COVID-19 positive patients discharged following treatment today	810
5	Total number of deaths today	0
6	Number of active cases as on today	6,229

Directorate of Public Health and Preventive Medicine

S.NO	COVID-19 STATISTICS	DETAILS
1	Number of active cases on date (Including isolation)	6,229
2	Number of persons tested positive today in Tamil Nadu	639
3	Total Number of persons tested positive till date	35,62,092
4	Total Number of samples tested by RT-PCR today/ till date*	24,871/ 6,86,42,042$^{@}$
5	Total Number of Persons tested by RT-PCR today/ till date	24,601/ 6,74,31,094
6	No. of Male / Female / Transgender tested positive today	383/256/0
7	No. of Male / Female / Transgender tested positive till date	20,77,214/14,84,840/38
8	Number of functioning COVID -19 testing facilities in Tamil Nadu	347 (78 Govt+ 269 Private)
9	Number of COVID-19 positive patients discharged following treatment today/ till date	810/ 35,17,830
10	Total number of deaths today/ till date	0 (0 Private & 0 Govt) /38,033

*Tamil Nadu doesn't use Rapid Antigen Diagnostic Tests (RADT).

$^{@}$There may be a difference in number of sample tested given here in the media bulletin and the ICMR portal in view of time-lag between test conducted, results declared that are shared in real time basis by the labs to the state and the districts and the time taken for the data updation in the ICMR portal.

WGS is done to identify SARS-CoV-2 variants as a part of ongoing surveillance only on a sample of cases as per INSACOG guidelines and these results will be shared separately from time to time as and when updated, as these results are not expected on day to day basis.

Directorate of Public Health and Preventive Medicine

District-wise abstract of cases including active cases, discharges and death* on 19/08/2022

Sl. No	District	Persons under Treatment including Home Treatment till yesterday	New Cases Today	Cases Discharged Today	Death	Persons under Treatment including Home Treatment as on today
1	Ariyalur	13	4	3	0	14
2	Chengalpattu	385	50	64	0	371
3	Chennai	2541	98	160	0	2479
4	Coimbatore	638	87	92	0	633
5	Cuddalore	122	9	15	0	116
6	Dharmapuri	60	8	7	0	61
7	Dindigul	83	6	13	0	76
8	Erode	325	45	50	0	320
9	Kallakurichi	1	2	1	0	2
10	Kancheepuram	41	21	13	0	49
11	Kanyakumari	146	18	16	0	148
12	Karur	38	4	6	0	36
13	Krishnagiri	263	31	37	0	257
14	Madurai	97	13	11	0	99
15	Mayiladuthurai	107	8	21	0	94
16	Nagapattinam	34	5	6	0	33
17	Namakkal	113	17	19	0	111
18	Nilgiris	19	4	2	0	21
19	Perambalur	39	1	3	0	37
20	Pudukottai	26	3	8	0	21
21	Ramanathapuram	12	1	1	0	12
22	Ranipet	30	16	21	0	25
23	Salem	247	42	42	0	247
24	Sivagangai	60	7	7	0	60
25	Tenkasi	42	4	12	0	34
26	Thanjavur	101	7	17	0	91
27	Theni	30	5	9	0	26
28	Thirupathur	29	6	3	0	32
29	Thiruvallur	89	17	20	0	86
30	Thiruvannamalai	36	12	11	0	37
31	Thiruvarur	55	6	10	0	51
32	Thoothukudi	44	7	6	0	45
33	Tirunelveli	122	8	24	0	106
34	Tiruppur	154	23	30	0	147
35	Trichy	109	21	18	0	112
36	Vellore	45	9	6	0	48
37	Villupuram	48	10	16	0	42
38	Virudhunagar	50	4	9	0	45
39	Airport Surveillance (International)	2	0	0	0	2
40	Airport Surveillance (Domestic)	4	0	1	0	3
41	Railway Surveillance	0	0	0	0	0
	Grand Total	**6,400**	**639**	**810**	**0**	**6,229**

*The district-wise active cases and discharges will vary with yesterday's bulletin due to cross notification.

Directorate of Public Health and Preventive Medicine

District wise abstract of COVID-19 positive cases* (19/08/2022)

Sl. No	District	Indigenous Cases		Imported Cases		Total cases till Date
		Till 18.08.2022	On 19.08.2022	Till 18.08.2022	On 19.08.2022	
1	Ariyalur	20165	4	20	0	20189
2	Chengalpattu	250736	50	5	0	250791
3	Chennai	786246	98	48	0	786392
4	Coimbatore	337842	87	51	0	337980
5	Cuddalore	75245	9	203	0	75457
6	Dharmapuri	36459	8	216	0	36683
7	Dindigul	38526	6	77	0	38609
8	Erode	135057	45	94	0	135196
9	Kallakurichi	36489	2	404	0	36895
10	Kancheepuram	97603	21	4	0	97628
11	Kanyakumari	88858	18	126	0	89002
12	Karur	30078	4	47	0	30129
13	Krishnagiri	61097	31	244	0	61372
14	Madurai	92592	13	175	0	92780
15	Mayiladuthurai	27122	8	39	0	27169
16	Nagapattinam	25811	5	54	0	25870
17	Namakkal	69197	17	112	0	69326
18	Nilgiris	42645	4	44	0	42693
19	Perambalur	14874	1	3	0	14878
20	Pudukottai	35081	3	35	0	35119
21	Ramanathapuram	24830	1	135	0	24966
22	Ranipet	55801	16	49	0	55866
23	Salem	129999	42	438	0	130479
24	Sivagangai	24771	7	117	0	24895
25	Tenkasi	33721	4	58	0	33783
26	Thanjavur	93277	7	22	0	93306
27	Theni	51694	5	45	0	51744
28	Thirupathur	35840	6	118	0	35964
29	Thiruvallur	152612	17	10	0	152639
30	Thiruvannamalai	67615	12	399	0	68026
31	Thiruvarur	48814	6	38	0	48858
32	Thoothukudi	66695	7	275	0	66977
33	Tirunelveli	65107	8	427	0	65542
34	Tiruppur	131347	23	16	0	131386
35	Trichy	97446	21	77	0	97544
36	Vellore	55557	9	2351	0	57917
37	Villupuram	55795	10	174	0	55979
38	Virudhunagar	58981	4	104	0	59089
39	Airport Surveillance (International)	0	0	1387	0	1387
40	Airport Surveillance (Domestic)	0	0	1159	0	1159
41	Railway Surveillance	0	0	428	0	428
	Grand Total	**35,51,625**	**639**	**9,828**	**0**	**35,62,092**

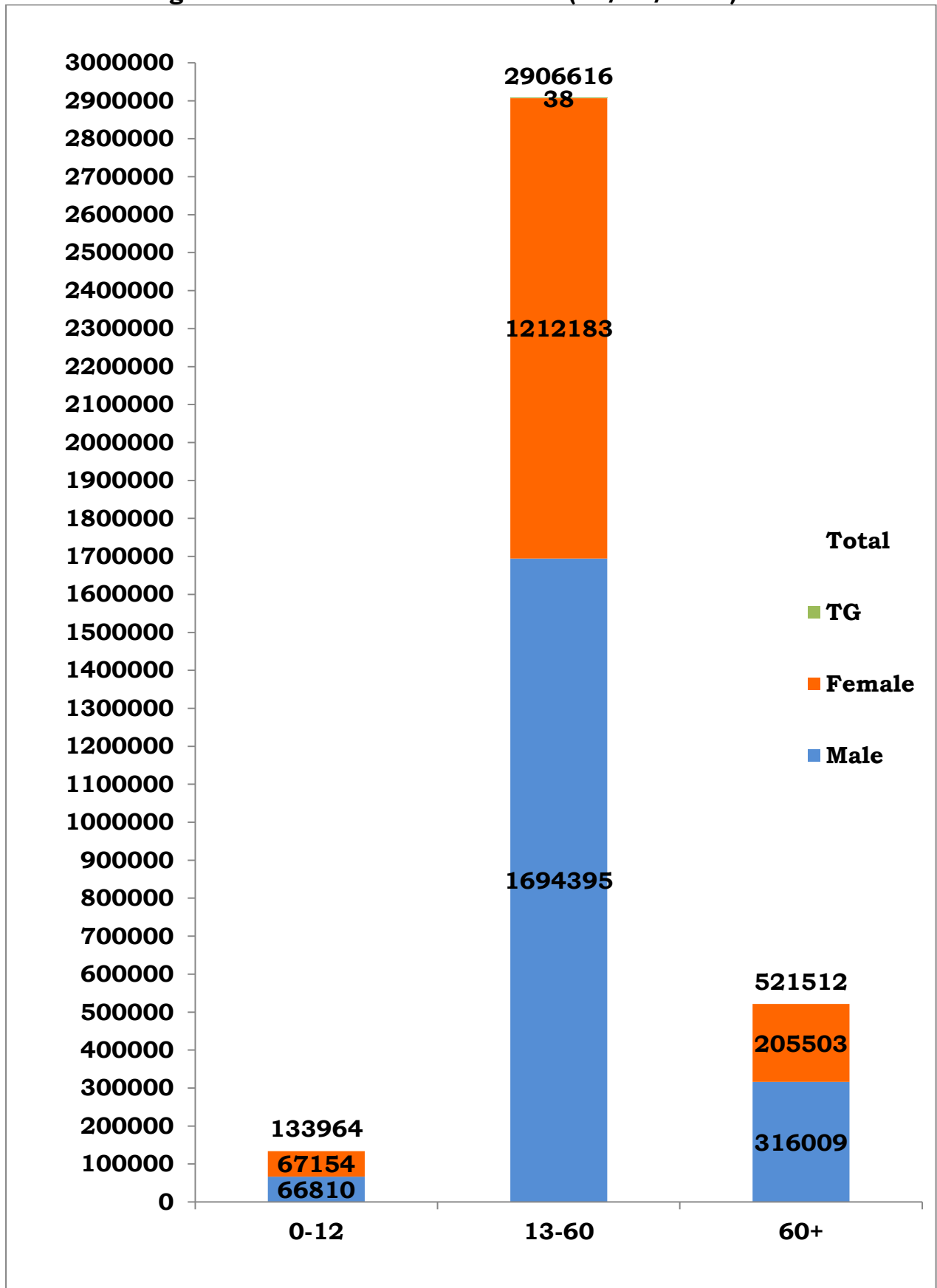*Note: Figures are reconciled to the respective districts based on detailed epidemiological investigation.

District wise Positivity rate as per RT-PCR monitoring report as on 18/08/2022

Sl. No	District	Positive	Tested	Positivity
1	Ariyalur	4	191	2.1
2	Chengalpattu	45	1395	3.2
3	Chennai	107	5150	2.1
4	Coimbatore	83	1297	6.4
5	Cuddalore	12	637	1.9
6	Dharmapuri	7	420	1.7
7	Dindigul	7	414	1.7
8	Erode	59	759	7.8
9	Kallakurichi	1	196	0.5
10	Kancheepuram	18	469	3.8
11	Kanyakumari	15	541	2.8
12	Karur	6	243	2.5
13	Krishnagiri	29	621	4.7
14	Madurai	15	426	3.5
15	Mayiladuthurai	10	371	2.7
16	Nagapattinam	8	572	1.4
17	Namakkal	14	330	4.2
18	Nilgiris	3	111	2.7
19	Perambalur	0	136	0.0
20	Pudukottai	3	590	0.5
21	Ramanathapuram	1	145	0.7
22	Ranipet	13	392	3.3
23	Salem	36	1005	3.6
24	Sivagangai	6	382	1.6
25	Tenkasi	1	153	0.7
26	Thanjavur	9	359	2.5
27	Theni	3	165	1.8
28	Thirupathur	4	249	1.6
29	Thiruvallur	23	682	3.4
30	Thiruvannamalai	14	509	2.8
31	Thiruvarur	7	894	0.8
32	Thoothukudi	5	429	1.2
33	Tirunelveli	7	305	2.3
34	Tiruppur	27	355	7.6
35	Trichy	20	1119	1.8
36	Vellore	10	361	2.8
37	Villupuram	8	381	2.1
38	Virudhunagar	3	751	0.4
	Grand Total	**643**	**23505***	**2.7**

*Sample tested figure is based on address furnished at the time of test/sample given to the lab.
Actual District figure may have variation depending on field verification and cross notification if any.

Directorate of Public Health and Preventive Medicine

Age and Sex distribution till date (19/08/2022)

Age and Sex distribution bar chart showing Male, Female, and TG (Total) across age groups:

Age Group	Male	Female	Total
0-12	66810	67154	133964
13-60	1694395	1212183	2906616 38
60+	316009	205503	521512

Tamil Nadu COVID 19 – District Wise Case Details* (19/08/2022)

Sl. No	District	Total Positive Cases	Discharged	Active Cases	Death
1	Ariyalur	20189	19908	14	267
2	Chengalpattu	250791	247762	371	2658
3	Chennai	786392	774844	2479	9069
4	Coimbatore	337980	334729	633	2618
5	Cuddalore	75457	74446	116	895
6	Dharmapuri	36683	36339	61	283
7	Dindigul	38609	37868	76	665
8	Erode	135196	134142	320	734
9	Kallakurichi	36895	36678	2	215
10	Kancheepuram	97628	96277	49	1302
11	Kanyakumari	89002	87769	148	1085
12	Karur	30129	29721	36	372
13	Krishnagiri	61372	60744	257	371
14	Madurai	92780	91445	99	1236
15	Mayiladuthurai	27169	26745	94	330
16	Nagapattinam	25870	25462	33	375
17	Namakkal	69326	68681	111	534
18	Nilgiris	42693	42446	21	226
19	Perambalur	14878	14592	37	249
20	Pudukottai	35119	34672	21	426
21	Ramanathapuram	24966	24586	12	368
22	Ranipet	55866	55054	25	787
23	Salem	130479	128470	247	1762
24	Sivagangai	24895	24616	60	219
25	Tenkasi	33783	33259	34	490
26	Thanjavur	93306	92175	91	1040
27	Theni	51744	51185	26	533
28	Thirupathur	35964	35299	32	633
29	Thiruvallur	152639	150613	86	1940
30	Thiruvannamalai	68026	67304	37	685
31	Thiruvarur	48858	48334	51	473
32	Thoothukudi	66977	66484	45	448
33	Tirunelveli	65542	64991	106	445
34	Tiruppur	131386	130187	147	1052
35	Trichy	97544	96271	112	1161
36	Vellore	57917	56706	48	1163
37	Villupuram	55979	55570	42	367
38	Virudhunagar	59089	58489	45	555
39	Airport Surveillance (International)	1387	1384	2	1
40	Airport Surveillance (Domestic)	1159	1155	3	1
41	Railway Surveillance	428	428	0	0
	Grand Total	**35,62,092**	**35,17,830**	**6,229**	**38,033**

**Note: Figures are reconciled to the respective districts based on detailed epidemiological investigation.

Directorate of Public Health and Preventive Medicine

COVID 19 BED VACANCY DETAILS IN CHC /CDH AS ON 19/08/2022

S.No	District	Earmarked COVID beds			Today's Occupancy			Today's Vacancy			
	Bed Occupancy Districtwise as of - 19/08/2022	O2 Beds	Non O2 Beds	ICU Beds	O2 Beds	Non O2 Beds	ICU Beds	O2 Beds	Non O2 Beds	ICU Beds	Total Vacant Beds
1	Ariyalur	221	73	53	2	0	0	219	73	53	345
2	Chengalpattu	1743	2204	642	14	13	5	1729	2191	637	4557
3	Chennai	4159	2069	987	23	29	11	4136	2040	976	7152
4	Coimbatore	3537	2270	602	19	19	5	3518	2251	597	6366
5	Cuddalore	669	485	134	0	4	0	669	481	134	1284
6	Dharmapuri	198	199	65	0	0	2	198	199	63	460
7	Dindigul	731	773	175	0	3	1	731	770	174	1675
8	Erode	1372	901	341	0	16	0	1372	885	341	2598
9	Kallakurichi	217	147	49	0	1	0	217	146	49	412
10	Kancheepuram	1420	1238	166	13	14	1	1407	1224	165	2796
11	Kanyakumari	881	903	245	5	7	3	876	896	242	2014
12	Karur	645	182	97	5	4	0	640	178	97	915
13	Krishnagiri	835	241	154	6	0	3	829	241	151	1221
14	Madurai	1892	896	666	7	5	1	1885	891	665	3441
15	Mayiladuthurai	385	205	23	0	0	0	385	205	23	613
16	Nagapattinam	154	92	29	1	6	0	153	86	29	268
17	Namakkal	797	432	134	8	4	0	789	428	134	1351
18	Nilgiris	300	150	58	7	6	0	293	144	58	495
19	Perambalur	245	505	70	0	3	0	245	502	70	817
20	Pudukottai	510	533	112	1	2	1	509	531	111	1151
21	Ramanathapuram	456	416	82	0	0	1	456	416	81	953
22	Ranipet	468	238	18	1	1	0	467	237	18	722
23	Salem	1669	1170	493	16	6	2	1653	1164	491	3308
24	Sivagangai	787	567	130	3	7	0	784	560	130	1474
25	Tenkasi	203	175	44	0	0	0	203	175	44	422
26	Thanjavur	1019	1000	368	1	16	1	1018	984	367	2369
27	Theni	452	346	58	0	1	0	452	345	58	855
28	Thirupathur	547	229	56	0	0	0	547	229	56	832
29	Thiruvallur	1175	841	183	0	3	2	1175	838	181	2194
30	Thiruvannamalai	576	106	100	8	1	0	568	105	100	773
31	Thiruvarur	309	257	150	1	1	0	308	256	150	714
32	Thoothukudi	742	230	182	2	0	1	740	230	181	1151
33	Tirunelveli	338	554	112	0	7	0	338	547	112	997
34	Tiruppur	967	650	307	1	2	1	966	648	306	1920
35	Trichy	1571	874	402	1	13	2	1570	861	400	2831
36	Vellore	584	282	125	10	6	2	574	276	123	973
37	Villupuram	192	113	32	0	1	0	192	112	32	336
38	Virudhunagar	698	274	153	0	7	0	698	267	153	1118
	Grand Total	**33664**	**22820**	**7797**	**155**	**208**	**45**	**33509**	**22612**	**7752**	**63873**[#]

*Source - https://tncovidbeds.tnega.org/

[#]The bed vacancies are communicated dynamically time to time from Districts

Directorate of Public Health and Preventive Medicine

COVID 19 BED VACANCY DETAILS IN CCC AS ON 19/08/2022

S.No	Bed Occupancy Districtwise as of - 19/08/2022	Earmarked COVID beds in CCC	Today's Occupancy	Today's Vacancy
1	Ariyalur	1088	0	1088
2	Chengalpattu	2030	0	2030
3	Chennai	1212	0	1212
4	Coimbatore	4883	0	4883
5	Cuddalore	2107	0	2107
6	Dharmapuri	600	0	600
7	Dindigul	751	0	751
8	Erode	30	0	30
9	Kallakurichi	1540	0	1540
10	Kancheepuram	1513	0	1513
11	Kanyakumari	270	0	270
12	Karur	501	0	501
13	Krishnagiri	480	0	480
14	Madurai	125	0	125
15	Mayiladuthurai	185	0	185
16	Nagapattinam	267	0	267
17	Namakkal	400	0	400
18	Nilgiris	237	0	237
19	Perambalur	443	1	442
20	Pudukottai	1090	0	1090
21	Ramanathapuram	300	0	300
22	Ranipet	1366	0	1366
23	Salem	1344	0	1344
24	Sivagangai	340	0	340
25	Tenkasi	267	0	267
26	Thanjavur	1916	0	1916
27	Theni	1540	0	1540
28	Thirupathur	575	0	575
29	Thiruvallur	720	0	720
30	Thiruvannamalai	290	0	290
31	Thiruvarur	909	0	909
32	Thoothukudi	754	0	754
33	Tirunelveli	1184	0	1184
34	Tiruppur	205	0	205
35	Trichy	2435	0	2435
36	Vellore	2254	0	2254
37	Villupuram	140	0	140
38	Virudhunagar	184	1	183
	Grand Total	**36475**	**2**	**36473#**

*Source - https://tncovidbeds.tnega.org/

#The bed vacancies are communicated dynamically time to time from Districts

Directorate of Public Health and Preventive Medicine

ABSTRACT OF FUNCTIONAL ICCC AS ON 19/08/2022

S.No	District	No Of ICCC functional	Total ICCC Beds available	Beds occupied
1	Ariyalur	6	180	0
2	Chengalpattu	8	240	0
3	Coimbatore	13	315	0
4	Cuddalore	13	390	0
5	Dharmapuri	8	240	0
6	Dindigul	14	396	0
7	Erode	14	420	0
8	Kallakurichi	9	270	0
9	Kancheepuram	6	128	0
10	Kanyakumari	9	270	0
11	Karur	8	240	0
12	Krishnagiri	10	300	0
13	Madurai	13	390	0
14	Mayiladuthurai	5	150	0
15	Nagapattinam	6	180	0
16	Namakkal	15	450	0
17	Nilgiris	4	120	0
18	Perambalur	5	126	0
19	Pudukottai	13	390	0
20	Ramanathapuram	11	330	0
21	Ranipet	7	210	0
22	Salem	21	630	0
23	SivagangaI	12	345	0
24	Tenkasi	10	271	0
25	Thanjavur	14	420	0
26	Theni	8	240	0
27	Thirupathur	6	180	0
28	Thiruvallur	14	420	0
29	Thiruvannamalai	18	540	0
30	Thiruvarur	10	180	0
31	Thoothukudi	12	360	0
32	Tirunelveli	9	270	0
33	Tiruppur	13	390	0
34	Trichy	14	420	0
35	Vellore	7	180	0
36	Villupuram	13	195	0
37	Virudhunagar	12	345	0
	Grand Total	**390**	**11121#**	**0**
	*Source - https://tncovidbeds.tnega.org/				
	#The bed vacancies are communicated dynamically time to time from Districts				
	* ICCC-Interim Covid Care Centre				

COVID-19 Positive Deaths without comorbidities

Type of health Facility	No comorbidities*
Government - DME	0
Government - DMS	0
Private	0
Other Government Institutions (like Railway Hospitals, ESI hospitals)	0
Total	**0**

COVID-19 Positive Deaths due to comorbidities

Type of health Facility	With comorbidities*
Government - DME	0
Government - DMS	0
Private	0
Other Government Institutions (like Railway Hospitals, ESI hospitals)	0
Total	**0**

* Pre-existing 'morbidity' or Chronic Disease, is co-existing morbidity or 'co-morbidity'

COVID-19 Positive Deaths without comorbidities – Total : NIL

COVID-19 Positive Deaths due to comorbidities – Total : NIL

Passengers entered Tamil Nadu by various routes till 18/08/2022

S. No.	Mode of travel	No. of Passengers	No. Positive
1	Airport - Domestic flights (Since 26.05.2020)	1,10,46,554	1,156
2	Airport - International Flights (Since 09.05.2020)	10,01,667	1,384
3	By train (Since 14.05.2020)	35,374	428
4	By road - Own vehicle (Since 19.05.2020)	3,62,904	6,829
5	By road – Bus (Since 19.05.2020)	41,416	
6	By Sea Ports (Since 01.06.2020)	2,447	34
Total		**1,24,90,362**	**9,831**

Airport Surveillance upto 18/08/2022 (Domestic Flights)

S.No.	Airport	No. of Flights	No. of Passengers	No. Positive
1	Chennai	76,254	85,83,525	509
2	Coimbatore	12,159	14,96,190	370
3	Madurai	7,640	7,24,409	160
4	Trichy	3,741	2,42,430	117
	Total	**99,794**	**1,10,46,554**	**1,156**

Airport Surveillance details from 09/05/2020 to 18/08/2022

S. No	Airport	Total	Persons tested	Under Process	Negative	Persons positive during Entry Screening	Persons positive during Exit screening
Chennai Airport							
1-3466	Total No.Of Flights - 3466(From 09/05/2020 To 12/02/2022)	292096	291055	0	290725	330	299
3467	EY268 13/02/2022 (Abudhabi)	1	1	0	1		
3468	QR528 13/02/2022 (Doha)	52	52	0	52		
3469	EK542 13/02/2022 (Dubai)	4	4	0	4		
3470	G9471 13/02/2022 (Sharjah)	3	3	0	3		

No	Flight details						
3471	FZ475 13/02/2022 (Dubai)	8	8	0	8		
3472	BA035 13/02/2022 (London)	163	163	0	163		
3473	WY251 13/02/2022 (Muscat)	3	3	0	3		
3474	EK544 13/02/2022 (Dubai)	53	53	0	53		
3475	G9473 13/02/2022 (Sharjah)	3	3	0	3		
3476	AI906 13/02/2022 (Dubai)	3	3	0	3		
3477	6E1409 13/02/2022 (Sharjah)	4	4	0	4		
3478	6E1204 13/02/2022 (Colombo)	3	3	0	3		
3479	QR530 13/02/2022 (Doha)	30	30	0	30		
Sub Total		**292426**	**291385**	**0**	**291055**	**330**	**299**
Coimbatore Airport							
1 to 580	Total No. of Flights-580(From 09/05/2020 to 15/08/2022)	81,028	21,914	0	21,895	19	10
581	TR 540 17/08/2022 (Singapore)	168	4	0	4		
582	G9413 18/08/2022 (Sharjah	164	5	5			
583	TR 540 18/08/2022 (Singapore)	168	4	4			
Sub Total		**81,528**	**21,927**	**9**	**21,899**	**19**	**10**
Madurai Airport							
1 to 736	Total No Of Flights - 736 (From 09/05/2020 To 16/08/2022)	95,395	28,611	0	28,578	33	28
737	SG24 17/08/2022 (Dubai)	131	3	0	3		
738	UL137 17/08/2022 (Colombo)	22	1	0	1		
739	SG24 18/08/2022 (Dubai)	138	3	3			
740	UL137 18/08/2022 (Colombo)	48	1	1			
Sub Total		**95,734**	**28,619**	**4**	**28,582**	**33**	**28**
Trichy Airport							
1to 4048	Total No Of Flights - 4048(From 09/05/2020 To 16/08/2022)	5,29,455	1,24,074	0	1,23,830	244	175
4049	IX 694 17/08/2022 (Kuwait)	71	4	4			

4050	IX 689 17/08/2022 (Singapore)	116	3	3			
4051	6E 35 17/08/2022 (Singapore)	162	5	5			
4052	AK 25 17/08/2022 (Kualalambur)	151	3	3			
4053	IX 618 17/08/2022 (Sharjah)	104	3	3			
4054	UL 133 17/08/2022 (Colombo)	55	1	1			
4055	6E 1725 17/08/2022 (Dubai)	154	3	3			
4056	IX 681 17/08/2022 (Singapore)	111	4	4			
4057	OD 223 17/08/2022 (Kualalambur)	134	3	3			
4058	AK 23 17/08/2022 (Kuala Lampur)	156	5	5			
4059	TR 564 18/08/2022 (Singapore)	200	6	6			
4060	IX 612 18/08/2022 (Dubai)	97	2	2			
4061	6E 35 18/08/2022 (Singapore)	173	5	5			
4062	IX 614 18/08/2022 (Sharjah)	97	3	3			
4063	AK 25 18/08/2022 (Kuala Lampur)	140	3	3			
4064	OD 221 18/08/2022 (Kualalambur)	139	3	3			
4065	IX 616 18/08/2022 (Dubai)	77	1	1			
4066	UL 133 18/08/2022 (Colombo)	51	1	1			
4067	AK 23 18/08/2022 (Kuala Lampur)	132	3	3			
4068	TR 564 18/08/2022 (Singapore)	204	5	5			
Sub Total		**5,31,979**	**1,24,140**	**66**	**1,23,830**	**244**	**175**
Other Airports & Chartered Flight						**203**	**43**
Grand Total		**10,01,667**	**4,66,071**	**79**	**4,65,366**	**829**	**555**

Railway Station Surveillance details from 14/05/2020 to 18/08/2022

Total No. of trains	No. of Passengers screened	No. Negative	No. Positive
42	35,374	34,946	428

Sea port surveillance up to 18/08/2022

S.No	Sea Port	No. of Ships arrived	No. of Passengers screened	No. Positive
1	Chennai	1	161	0
2	Thoothukudi	5	2286	34
	Total	**6**	**2447**	**34**