

ROAD ACCIDENT ANALYSIS IN TAMILNADU DURING THE YEAR 2023 (Final Data)

1. Introduction

Road Safety is a safety measure that has to be followed at all times to reduce the accidents caused due to the mistakes of the operator of a vehicle, passengers and pedestrians. Road accidents are among the biggest causes of deaths in the country, especially among the people aged between 18 to 40. Prevention of road tragedies should be one of the major concern of the administration as it not only causes fatalities and injuries leaving many to deal with personal losses but also results in social costs to the Government. The accident data for the year 2023 is analyzed in this report.

2. Highlights

- ❖ The average fatality of the State per day is 50 during 2023 (F). 5.69% of fatalities in the State have occurred in Coimbatore District, 5.10% in Chengalpattu District, followed by 4.85% in Madurai District, 4.77% in Thiruppur, 4.34% in Salem District, 4.12% in Dindigul District, 3.98% in Thiruvallur District and 3.92% in Trichy District.
- ❖ During the year 2023, Total accidents and Fatalities shows a hike of 3108 and 463 respectively when compared with previous year 2022 .
- ❖ During the year 2023 (F), the highest number of accidents are caused by the two wheelers (45.38% of total accidents) and the four wheelers like Car / Jeep / Taxi /Van, Tempo, HMV (28.09% of total accidents) stands second.
- ❖ The maximum Fatalities are by two wheelers (44.22%) followed by four wheelers like Car / Jeep / Taxi /Van, Tempo, LMV (22.89%) and third by Goods carriages (Truck/Lorry/HMV) (14.73%). The maximum Fatalities are caused by two wheelers are due to non wearing of helmets.
- ❖ During the year 2023 (F), total accidents by the Truck/Lorry shows a hike of 20.51% when compared with previous year 2022.

- ❖ Similarly total deaths by the Truck/Lorry and two wheelers have increased by 19.87% and 6.39% respectively when compared with previous year 2022. Fatalities by Auto Rickshaw /Three Wheelers and Cars/JEEP/Taxi/Van, Tempo, LMV have declined by 7.54% and 5.39% respectively.
- ❖ During the year 2023(F), 29.90% of the deaths in Two Wheelers has occurred due to Non Wearing of Helmets. During the year 2022 death caused due to non wearing of helmet was 2477 which has been decreased to 2426 during 2023.
- ❖ Total deaths has been reduced by 5.61 % under National Highways State PWD when compared with previous year 2022. In State Highway, total fatalities shows a decline even though , total accidents shows a hike when compared with previous year 2022.
- ❖ The total accidents and total deaths according to type of roads shows decreasing trend in Village Roads by 11.62 and 10.53% respectively when compared with previous year 2022.
- ❖ During 2023 , the most number of accidents have occurred in State Highways (34.47%) followed by National Highways under NHAI (25.39%), District roads (18.72%) and Village roads (11.15%).
- ❖ More number of Deaths happened in State Highways (34.47%) followed by National Highways under NHAI (28.97%) during 2023 in Tamil Nadu.
- ❖ Out of 67213 Total Accidents, 64971 accidents were taken place due to the fault of the driver which is 96.66%. The major causes of the accidents are over speed, aggressive driving, use of Cell phones while driving, drunken driving etc.,
- ❖ Around 65477, driving licences were suspended upto the month of December 2023 for Traffic violation of six offences identified by Supreme Court Committee on Road Safety. The driving licences suspended for traffic violation, Red Light Jumping (28%) followed by Over Speeding and using mobile phone while driving (23%).

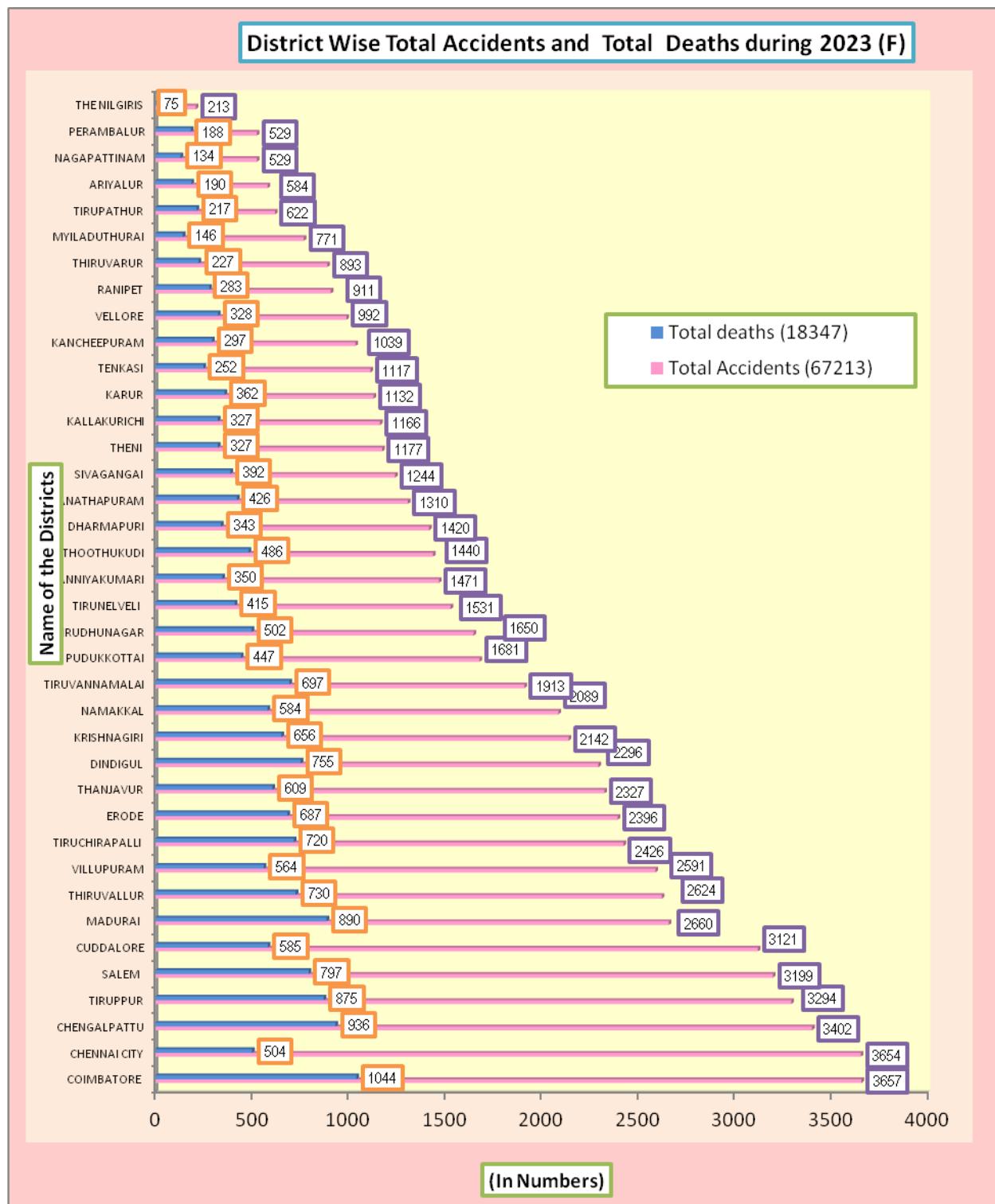
**3. DISTRICT WISE REPORT FOR TOTAL ACCIDENTS AND TOTAL DEATHS
UPTO THE MONTH OF DECEMBER 2023(F)**

Table-1

S1. No.	Name of the District	Total Accidents (67213)	Total deaths (18347)
1	COIMBATORE	3657	1044
2	CHENNAI CITY	3654	504
3	CHENGALPATTU	3402	936
4	TIRUPPUR	3294	875
5	SALEM	3199	797
6	CUDDALORE	3121	585
7	MADURAI	2660	890
8	THIRUVALLUR	2624	730
9	VILLUPURAM	2591	564
10	TIRUCHIRAPALLI	2426	720
11	ERODE	2396	687
12	THANJAVUR	2327	609
13	DINDIGUL	2296	755
14	KRISHNAGIRI	2142	656
15	NAMAKKAL	2089	584
16	TIRUVANNAMALAI	1913	697
17	PUDUKKOTTAI	1681	447
18	VIRUDHUNAGAR	1650	502
19	TIRUNELVELI	1531	415
20	KANNIYAKUMARI	1471	350
21	THOOTHUKUDI	1440	486
22	DHARMAPURI	1420	343
23	RAMANATHAPURAM	1310	426
24	SIVAGANGAI	1244	392
25	THENI	1177	327
26	KALLAKURICHI	1166	327
27	KARUR	1132	362
28	TENKASI	1117	252
29	KANCHEEPURAM	1039	297
30	VELLORE	992	328
31	RANIPET	911	283
32	THIRUVARUR	893	227
33	MYILADUTHURAI	771	146
34	TIRUPATHUR	622	217
35	ARIYALUR	584	190
36	NAGAPATTINAM	529	134
37	PERAMBALUR	529	188
38	THE NILGIRIS	213	75
TOTAL		67213	18347

Source: SCRB

Chart-1



The above chart, shows the District Wise Total Accidents and Total Deaths during 2023 (F) , in which districts with more number of deaths (Fatalities) during 2023 (F) in decreasing order took place in the following districts Coimbatore (1044), Chengalpattu (936), Madurai (890), Tiruppur (875), Salem (797), Dindigul (755), Thiruvallur (730), Tiruchirapalli (720), Tiruvannamalai (697) and Erode (687) .

In The Nilgiris (75) less than 100 fatalities have occurred during 2023 (F).

The average fatality of the State per day is 50 during 2023 (F). 5.69% of fatalities in the State have occurred in Coimbatore District, 5.10% in Chengalpattu District, followed by 4.85% in Madurai District, 4.77% in Thiruppur, 4.34% in Salem District, 4.12% in Dindigul District, 3.98% in Thiruvallur District and 3.92% in Trichy District.

District wise Total Accidents during 2023 (F) in decreasing order, took place in the following districts Coimbatore (3657), Chennai city (3654), Chengalpattu (3402), Thiruppur (3294), Salem (3199), Cuddalore (3121), Madurai (2660), Thiruvallur (2624), Villupuram (2591), and Tiruchirapalli (2426).

4.The District Wise Minor/ Grievous Injuries Upto December 2023 (F)

Table-2

Sl. No.	District/City	Grievously injured	Minorly injured
1	CUDDALORE	925	2855
2	CHENGALPATTU	1406	2249
3	VILLUPURAM	853	2243
4	TIRUCHIRAPALLI	736	2002
5	THANJAVUR	600	1874
6	TIRUPPUR	1760	1831
7	COIMBATORE	1657	1802
8	MADURAI	877	1597
9	PUDUKKOTTAI	582	1579
10	KRISHNAGIRI	721	1533
11	DINDIGUL	961	1510
12	THIRUVALLUR	916	1495
13	CHENNAI CITY	2470	1490
14	SALEM	1356	1452
15	ERODE	1159	1411
16	TIRUVANNAMALAI	620	1311
17	THOOTHUKUDI	436	1269
18	VIRUDHUNAGAR	612	1254
19	NAMAKKAL	881	1250
20	DHARMAPURI	569	1160
21	THENI	378	1064
22	TENKASI	316	1062
23	KALLAKURICHI	300	1011
24	RAMANATHAPURAM	283	953
25	KANCHEEPURAM	307	937
26	TIRUNELVELI	787	862
27	THIRUVARUR	298	771
28	KANNIYAKUMARI	801	753
29	KARUR	500	744
30	MYILADUTHURAI	215	684
31	VELLORE	331	643
32	ARIYALUR	164	642
33	SIVAGANGAI	415	573
34	TIRUPATHUR	212	557
35	PERAMBALUR	152	496
36	RANIPET	511	392
37	NAGAPATTINAM	204	357
38	THE NILGIRIS	100	253
	TOTAL	26371	45921

Source: SCRB

Above Table-2, shows the District wise Minor/ Grievous injuries during 2023 (F) in which the number of persons minorly injured in decreasing orders are Cuddalore (2855), Chengalpattu (2249), Villupuram (2243), Tiruchirapalli (2002) Thanjavur (1874) and Tiruppur (1831).

The districts with highest number of persons grievously injured during 2023 (F), took place in Chennai City (2470), followed by Tiruppur (1760), Coimbatore (1657), Chengalpattu (1406), Salem (1356), Erode (1159), Dindigul (961), Cuddalore (925), Thiruvallur (916), and Namakkal (881).

5. The District Wise Total Accidents during the year 2023 (F)

Table-3

DISTRICT/CITY	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total (during 2023)
ARIYALUR	59	42	42	42	49	53	49	49	53	48	52	46	584
CHENGALPATTU	289	263	283	259	285	273	305	308	310	295	294	238	3402
CHENNAI CITY	302	313	314	300	315	288	363	333	322	308	254	242	3654
COIMBATORE	289	301	296	338	317	251	298	327	286	357	296	301	3657
CUDDALORE	345	266	250	255	280	240	244	270	257	241	248	225	3121
DHARMAPURI	115	105	105	117	106	112	134	130	146	106	124	120	1420
DINDIGUL	229	184	194	185	225	187	179	192	187	178	190	166	2296
ERODE	206	182	216	211	211	190	185	214	171	218	206	186	2396
KALLAKURICHI	111	105	100	91	89	102	102	93	90	95	94	94	1166
KANCHEEPURAM	82	76	97	105	91	106	81	103	71	77	72	78	1039
KANNIYAKUMARI	131	104	123	114	128	118	121	146	123	127	109	127	1471
KARUR	105	73	87	94	106	87	114	112	87	79	106	82	1132
KRISHNAGIRI	180	168	168	178	177	193	190	180	185	166	184	173	2142
MADURAI	239	224	217	249	201	229	219	228	198	203	248	205	2660
MYILADUTHURAI	66	66	69	62	66	68	66	79	71	61	52	45	771
NAGAPATTINAM	51	39	54	56	41	44	53	31	48	35	37	40	529
NAMAKKAL	170	159	163	174	169	152	181	179	167	170	202	203	2089
PERAMBALUR	59	43	48	48	49	54	35	42	42	41	34	34	529
PUDUKKOTTAI	157	141	155	139	162	158	112	162	121	141	123	110	1681
RAMANATHAPURAM	135	106	103	119	117	124	100	131	89	93	94	99	1310
RANIPET	67	74	63	98	81	60	90	84	72	84	78	60	911
SALEM	315	265	276	228	264	283	272	255	255	265	268	253	3199
SIVAGANGAI	115	112	103	103	113	98	105	119	93	106	83	94	1244
TENKASI	107	85	90	91	95	99	89	108	93	98	92	70	1117
THANJAVUR	202	195	188	188	205	201	222	208	175	196	187	160	2327
THE NILGIRIS	23	18	17	26	13	16	18	15	17	20	13	17	213
THENI	96	67	82	100	106	113	87	99	106	115	106	100	1177
THIRUVALLUR	240	201	222	226	226	230	224	257	250	220	149	179	2624
THIRUVARUR	76	70	80	83	81	85	72	100	63	63	71	49	893
THOOTHUKUDI	134	90	127	125	126	108	132	120	107	137	129	105	1440
TIRUCHIRAPALLI	224	169	192	200	206	215	206	228	192	208	186	200	2426
TIRUNELVELI	101	108	103	121	173	138	119	145	125	152	131	115	1531
TIRUPATHUR	59	45	45	44	50	53	53	54	59	54	49	57	622
TIRUPPUR	285	263	279	257	284	279	285	296	269	281	261	255	3294
TIRUVANNAMALAI	166	143	141	175	159	154	157	178	159	170	159	152	1913
VELLORE	96	91	73	108	78	75	72	90	87	82	60	80	992
VILLUPURAM	246	215	182	224	209	245	232	242	209	225	195	167	2591
VIRUDHUNAGAR	152	130	121	128	158	139	143	163	129	129	133	125	1650
TOTAL	6024	5301	5468	5661	5811	5620	5709	6070	5484	5644	5369	5052	67213

Source: SCRB

6. The District Wise Total Deaths during the year 2023 (F)
Table-4

DISTRICT/CITY	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total (during 2023)
ARIYALUR	23	11	13	23	15	20	15	17	13	8	18	14	190
CHENGALPATTU	91	68	82	81	74	87	73	83	85	88	70	54	936
CHENNAI CITY	43	43	36	35	44	43	42	45	46	52	43	32	504
COIMBATORE	92	83	79	111	94	71	85	82	85	89	85	88	1044
CUDDALORE	84	53	36	45	55	48	63	52	47	35	30	37	585
DHARMAPURI	28	35	20	28	28	31	34	24	34	19	26	36	343
DINDIGUL	88	66	63	64	84	61	63	68	52	53	65	28	755
ERODE	67	55	63	69	56	51	55	60	45	63	54	49	687
KALLAKURICHI	40	25	31	32	20	29	25	30	18	25	28	24	327
KANCHEEPURAM	23	20	25	27	30	31	25	23	23	26	20	24	297
KANNIYAKUMARI	30	22	28	35	36	33	27	33	31	20	27	28	350
KARUR	37	25	30	26	34	36	34	41	24	24	32	19	362
KRISHNAGIRI	75	63	55	57	57	73	50	50	36	32	58	50	656
MADURAI	78	80	75	82	63	72	87	63	58	85	81	66	890
MYYLADUTHURAI	14	10	16	10	13	13	12	10	19	9	11	9	146
NAGAPATTINAM	12	10	7	13	12	12	15	6	16	13	10	8	134
NAMAKKAL	45	52	49	58	44	36	50	47	49	47	51	56	584
PERAMBALUR	18	9	19	16	16	17	13	16	17	17	14	16	188
PUDUKKOTTAI	49	30	43	38	51	41	36	34	38	31	33	23	447
RAMANATHAPURAM	51	37	43	26	38	39	34	51	27	28	34	18	426
RANIPET	22	25	11	25	42	19	28	27	24	20	24	16	283
SALEM	71	73	65	60	59	84	62	68	71	58	67	59	797
SIVAGANGAI	35	33	25	40	37	27	35	37	32	38	27	26	392
TENKASI	21	27	20	21	23	21	19	30	21	14	23	12	252
THANJAVUR	58	48	55	56	61	44	57	55	51	46	45	33	609
THE NILGIRIS	5	5	7	9	4	5	6	4	17	6	4	3	75
THENI	28	16	27	29	30	31	26	31	22	38	22	27	327
THIRUVALLUR	78	58	61	67	76	64	58	70	65	53	37	43	730
THIRUVARUR	23	20	18	19	25	24	21	15	17	19	16	10	227
THOOTHUKUDI	37	36	37	36	47	39	44	39	34	51	36	50	486
TIRUCHIRAPALLI	76	49	78	57	54	59	58	71	50	64	53	51	720
TIRUNELVELI	42	19	28	26	58	39	39	33	33	41	32	25	415
TIRUPATHUR	21	17	19	17	19	19	13	13	26	18	20	15	217
TIRUPPUR	85	71	77	70	78	69	88	74	59	84	73	47	875
TIRUVANNAMALAI	52	46	53	67	70	52	50	62	68	65	58	54	697
VELLORE	33	25	28	34	23	25	20	34	22	26	29	29	328
VILLUPURAM	67	50	34	51	47	52	62	54	42	42	29	34	564
VIRUDHUNAGAR	51	37	25	45	46	34	37	65	37	38	47	40	502
TOTAL	1793	1452	1481	1605	1663	1551	1561	1617	1454	1485	1432	1253	18347

SOURCE: SCRB

7. Comparison of Accidents/Fatalities between the years 2021, 2022 and 2023 (F)

Table-5

Sl. No	DISTRICT/CITY	TOTAL ACCIDENTS					TOTAL DEATHS				
		During 2021 (F)	During 2022 (F)	During 2023 (F)	% of (+) or (-) wrt 2021	% of (+) or (-) wrt 2022	During 2021 (F)	During 2022 (F)	During 2023 (F)	% of (+) or (-) wrt 2021	% of (+) or (-) wrt 2022
1	ARIYALUR	545	562	584	7.16	3.91	174	184	190	9.20	3.26
2	CHENGALPATTU	1614	3044	3402	110.78	11.76	472	937	936	98.31	-0.11
3	CHENNAI CITY	5035	3453	3654	-27.43	5.82	999	507	504	-49.55	-0.59
4	COIMBATORE	2792	3544	3657	30.98	3.19	841	1057	1044	24.14	-1.23
5	CUDDALORE	2927	3426	3121	6.63	-8.90	550	478	585	6.36	22.38
6	DHARMAPURI	1240	1357	1420	14.52	4.64	317	389	343	8.20	-11.83
7	DINDIGUL	1747	2002	2296	31.43	14.69	539	680	755	40.07	11.03
8	ERODE	1852	2155	2396	29.37	11.18	525	661	687	30.86	3.93
9	KALLAKURICHI	1070	1147	1166	8.97	1.66	275	284	327	18.91	15.14
10	KANCHEEPURAM	910	1011	1039	14.18	2.77	240	303	297	23.75	-1.98
11	KANNIYAKUMARI	1225	1381	1471	20.08	6.52	321	306	350	9.03	14.38
12	KARUR	1111	1101	1132	1.89	2.82	413	382	362	-12.35	-5.24
13	KRISHNAGIRI	1734	2029	2142	23.53	5.57	589	646	656	11.38	1.55
14	MADURAI	2283	2489	2660	16.51	6.87	711	810	890	25.18	9.88
15	MYILADUTHURAI	NA	660	771	NA	16.82	NA	153	146	NA	-4.58
16	NAGAPATTINAM	1024	592	529	-48.34	-10.64	225	134	134	-40.44	0.00
17	NAMAKKAL	1734	2021	2089	20.47	3.36	422	529	584	38.39	10.40
18	PERAMBALUR	511	550	529	3.52	-3.82	173	228	188	8.67	-17.54
19	PUDUKKOTTAI	1369	1731	1681	22.79	-2.89	380	497	447	17.63	-10.06
20	RAMANATHAPURAM	1107	1211	1310	18.34	8.18	335	374	426	27.16	13.90
21	RANIPET	833	858	911	9.36	6.18	242	271	283	16.94	4.43
22	SALEM	2606	3360	3199	22.76	-4.79	721	868	797	10.54	-8.18
23	SIVAGANGAI	961	1143	1244	29.45	8.84	337	395	392	16.32	-0.76
24	TENKASI	979	1103	1117	14.10	1.27	237	283	252	6.33	-10.95
25	THANJAVUR	1849	2224	2327	25.85	4.63	431	551	609	41.30	10.53
26	THE NILGIRIS	210	236	213	1.43	-9.75	33	44	75	127.27	70.45
27	THENI	960	1121	1177	22.60	5.00	239	338	327	36.82	-3.25
28	THIRUVALLUR	1274	2595	2624	105.97	1.12	331	727	730	120.54	0.41
29	THIRUVARUR	621	727	893	43.80	22.83	168	216	227	35.12	5.09
30	THOOTHUKUDI	1253	1246	1440	14.92	15.57	394	457	486	23.35	6.35
31	TIRUCHIRAPALLI	1953	2222	2426	24.22	9.18	643	714	720	11.98	0.84
32	TIRUNELVELI	1280	1294	1531	19.61	18.32	359	408	415	15.60	1.72
33	TIRUPATHUR	709	766	622	-12.27	-18.80	226	217	217	-3.98	0.00
34	TIRUPPUR	2703	3145	3294	21.86	4.74	798	899	875	9.65	-2.67
35	TIRUVANNAMALAI	1435	1762	1913	33.31	8.57	522	565	697	33.52	23.36
36	VELLORE	819	976	992	21.12	1.64	246	294	328	33.33	11.56
37	VILLUPURAM	2131	2403	2591	21.59	7.82	520	583	564	8.46	-3.26
38	VIRUDHUNAGAR	1276	1458	1650	29.31	13.17	436	515	502	15.14	-2.52
TOTAL		55682	64105	67213	20.71	4.85	15384	17884	18347	19.26	2.59

Source: SCRB

The above Table-5 shows the comparison of Total Accidents and Total Deaths between the years 2021(F), 2022(F) and 2023(F).

In which, Nagapattinam and Tirupathur districts shows reduction in Total Accidents for both the years when compared with 2022 and 2021. Cuddalore, Perambalur, Pudukkottai, Salem, The Nilgiris districts shows a reduction in Total accidents when compared with previous year 2022.

Also, Chennai city and Karur district shows a decline in Total Deaths (Fatalities) when compared with both the years 2022 and 2023. Chengalpattu, Coimbatore, Dharmapuri, Kancheepuram, Myladuthurai, Perambalur, Pudukkottai, Salem, Sivagangai, Tenkasi, Theni, Tiruppur, Villupuram and Virudhunagar districts shows a decrease in fatalities when compared with previous year 2022.

Ariyalur, Dindigul, Erode, Kallakurichi, Kanniyakumari, Krishnagiri, Madurai, Namakkal, Ramanathapuram, Ranipet, Thanjavur, Thiruvallur, Thiruvarur, Thoothukudi, Tiruchirapalli, Tirunelveli, Tiruvannamalai and Vellore districts shows a hike in both Total Accidents and Total deaths when compared with both the previous years 2022 and 2021.

Table-6

Comparison of total deaths according to target fixed in R.No.33609/C1/2014 dated 10/5/2023

District/CITY	No. of deaths in 2019	Minimum no. of deaths to be reduced in 2023	No. of deaths probable target 2023	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
ARIYALUR	220	33	187	23	11	13	23	15	20	15	17	13	8	18	14	190
CHENGPATTU	608	91	517	91	68	82	81	74	87	73	83	85	88	70	54	936
CHENNAI CITY	1324	199	1125	43	43	36	35	44	43	42	45	46	52	43	32	504
COIMBATORE	1163	174	989	92	83	79	111	94	71	85	82	85	89	85	88	1044
CUDDALORE	585	88	497	84	53	36	45	55	48	63	52	47	35	30	37	585
DHARMAPURI	421	63	358	28	35	20	28	28	31	34	24	34	19	26	36	343
DINDIGUL	578	87	491	88	66	63	64	84	61	63	68	52	53	65	28	755
ERODE	701	105	596	67	55	63	69	56	51	55	60	45	63	54	49	687
KALLAKURICHI	346	52	294	40	25	31	32	20	29	25	30	18	25	28	24	327
KANCHEEPURAM	405	61	344	23	20	25	27	30	31	25	23	23	26	20	24	297
KANNIYAKUMARI	321	48	273	30	22	28	35	36	33	27	33	31	20	27	28	350
KARUR	406	61	345	37	25	30	26	34	36	34	41	24	24	32	19	362
KRISHNAGIRI	695	104	591	75	63	55	57	57	73	50	50	36	32	58	50	656
MADURAI	777	117	660	78	80	75	82	63	72	87	63	58	85	81	66	890
MYYLADUTHURAI	0	23	-23	14	10	16	10	13	13	12	10	19	9	11	9	146
NAGAPATTINAM	285	20	265	12	10	7	13	12	12	15	6	16	13	10	8	134
NAMAKKAL	515	77	438	45	52	49	58	44	36	50	47	49	47	51	56	584
PERAMBALUR	174	26	148	18	9	19	16	16	17	13	16	17	17	14	16	188
PUDUKKOTTAI	434	65	369	49	30	43	38	51	41	36	34	38	31	33	23	447
RAMANATHAPURAM	305	46	259	51	37	43	26	38	39	34	51	27	28	34	18	426
RANIPET	312	47	265	22	25	11	25	42	19	28	27	24	20	24	16	283
SALEM	838	126	712	71	73	65	60	59	84	62	68	71	58	67	59	797
SIVAGANGAI	366	55	311	35	33	25	40	37	27	35	37	32	38	27	26	392
TENKASI	255	38	217	21	27	20	21	23	21	19	30	21	14	23	12	252
THANJAVUR	527	79	448	58	48	55	56	61	44	57	55	51	46	45	33	609
THE NILGIRIS	47	7	40	5	5	7	9	4	5	6	4	17	6	4	3	75
THENI	270	41	229	28	16	27	29	30	31	26	31	22	38	22	27	327
THIRUVALLUR	444	67	377	78	58	61	67	76	64	58	70	65	53	37	43	730
THIRUVARUR	203	30	173	23	20	18	19	25	24	21	15	17	19	16	10	227
THOOTHUKUDI	440	66	374	37	36	37	36	47	39	44	39	34	51	36	50	486
TIRUCHIRAPALLI	741	111	630	76	49	78	57	54	59	58	71	50	64	53	51	720
TIRUNELVELI	369	55	314	42	19	28	26	58	39	39	33	33	41	32	25	415
TIRUPATHUR	273	41	232	21	17	19	17	19	19	13	13	26	18	20	15	217
TIRUPPUR	928	139	789	85	71	77	70	78	69	88	74	59	84	73	47	875
TIRUVANNAMALAI	556	83	473	52	46	53	67	70	52	50	62	68	65	58	54	697
VELLORE	329	49	280	33	25	28	34	23	25	20	34	22	26	29	29	328
VILLUPURAM	589	88	501	67	50	34	51	47	52	62	54	42	42	29	34	564
VIRUDHUNAGAR	379	57	322	51	37	25	45	46	34	37	65	37	38	47	40	502
TOTAL	18129	2719	15410	1793	1452	1481	1605	1663	1551	1561	1617	1454	1485	1432	1253	18347

The target fixed for the year 2023 that the minimum number of deaths to be reduced in 2023 with reference to 2019 is 2719 in R.No.33609/C1/2014 dated 10/5/2023. The total number of deaths upto December 2023 is 18347. The increased in fatalities is 2937 when compared to Number of Deaths probable Target for the year 2023 (Target 15410).

TABLE - 6A

DISTRICTWISE HOTSPOT AND ROAD ACCIDENTS REPORT FROM JANUARY 2023 TO DECEMBER 2023

Name of the District	No of Hotspots identified	Number of Hotspots funded by RSF	Total Number of Accident	Total Number of Road Fatalities	Grievously Injured	Minorly Injured	Total Injured Persons	Accident per day	Accidental deaths per day
ARIYALUR	45	28	584	190	164	642	806	2	1
CHENGALPATTU	31	44	3402	936	1406	2249	3655	9	3
CHENNAI CITY	199	0	3654	504	2470	1490	3960	10	1
COIMBATORE	235	94	3657	1044	1657	1802	3459	10	3
CUDDALORE	129	53	3121	585	925	2855	3780	9	2
DHARMAPURI	120	48	1420	343	569	1160	1729	4	1
DINDIGUL	125	127	2296	755	961	1510	2471	6	2
ERODE	110	72	2396	687	1159	1411	2570	7	2
KALLAKURICHI	22	29	1166	327	300	1011	1311	3	1
KANCHEEPURAM	37	22	1039	297	307	937	1244	3	1
KANNIYAKUMARI	50	35	1471	350	801	753	1554	4	1
KARUR	112	67	1132	362	500	744	1244	3	1
KRISHNAGIRI	59	6	2142	656	721	1533	2254	6	2
MADURAI	266	158	2660	890	877	1597	2474	7	2
MYILADUTHURAI	65	42	771	146	215	684	899	2	0
NAGAPATTINAM	51	42	529	134	204	357	561	1	0
NAMAKKAL	115	90	2089	584	881	1250	2131	6	2
PERAMBALUR	18	3	529	188	152	496	648	1	1
PUDUKKOTTAI	125	71	1681	447	582	1579	2161	5	1
RAMANATHAPURAM	65	41	1310	426	283	953	1236	4	1
RANIPET	36	31	911	283	511	392	903	2	1
SALEM	207	101	3199	797	1356	1452	2808	9	2
SIVAGANGAI	92	22	1244	392	415	573	988	3	1
TENKASI	70	36	1117	252	316	1062	1378	3	1
THANJAVUR	70	42	2327	609	600	1874	2474	6	2
THE NILGIRIS	27	21	213	75	100	253	353	1	0
THENI	98	82	1177	327	378	1064	1442	3	1
THIRUVALLUR	33	88	2624	730	916	1495	2411	7	2
THIRUVARUR	86	32	893	227	298	771	1069	2	1
THOOTHUKUDI	42	61	1440	486	436	1269	1705	4	1
TIRUCHIRAPALLI	39	5	2426	720	736	2002	2738	7	2
TIRUNELVELI	61	27	1531	415	787	862	1649	4	1
TIRUPATHUR	56	17	622	217	212	557	769	2	1
TIRUPPUR	476	236	3294	875	1760	1831	3591	9	2
TIRUVANNAMALAI	188	17	1913	697	620	1311	1931	5	2
VELLORE	53	28	992	328	331	643	974	3	1
VILLUPURAM	207	80	2591	564	853	2243	3096	7	2
VIRUDHUNAGAR	160	95	1650	502	612	1254	1866	5	1
TOTAL	3980	2093	67213	18347	26371	45921	72292	184	50

8. Accidents in Major cities

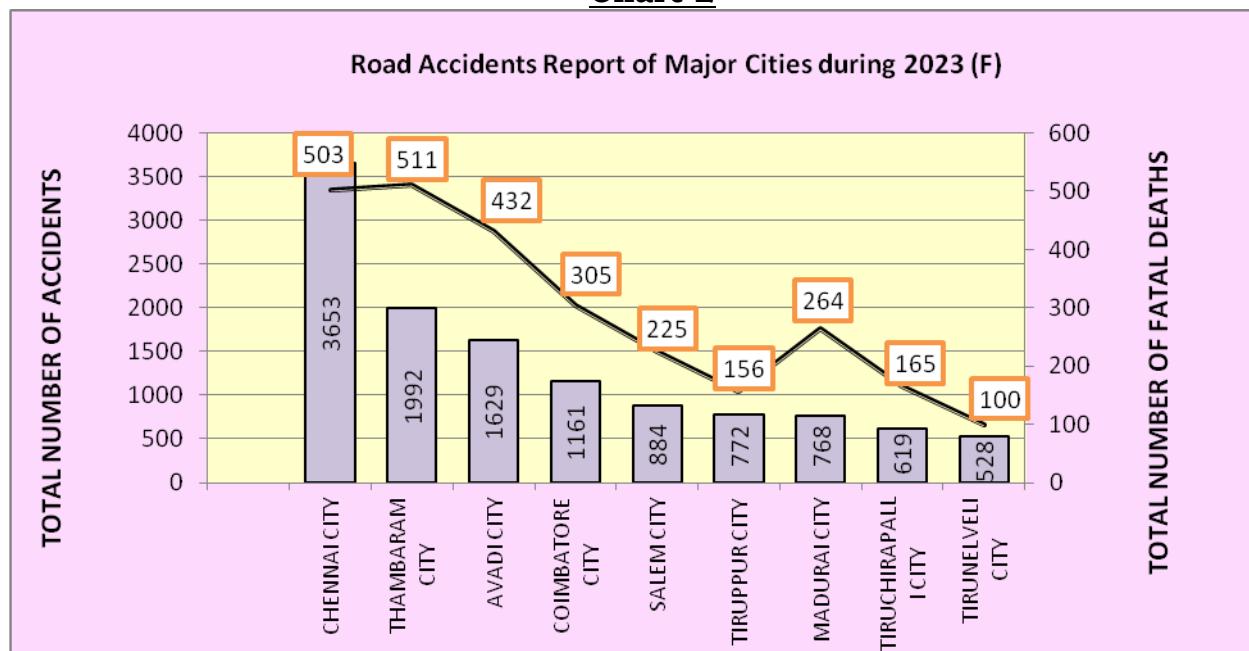
The road accident report for the following major cities during 2023 (F) is furnished below:-

Table-7

District/city	Road Accidents Report of Major Cities upto December 2023 (F)							
	Fatal		Grievous injury		Minor injury		Non injury	Total
	NA	NPK	NA	NPI	NA	NPI	NA	NA
CHENNAI CITY	498	503	1933	2470	1015	1488	207	3653
THAMBARAM CITY	491	511	865	1125	567	823	69	1992
AVADI CITY	421	432	770	798	380	682	58	1629
COIMBATORE CITY	298	305	630	677	179	316	54	1161
SALEM CITY	218	225	312	364	340	428	14	884
TIRUPPUR CITY	155	156	299	301	300	398	18	772
MADURAI CITY	254	264	331	333	168	250	15	768
TIRUCHIRAPALLI CITY	158	165	121	124	319	528	21	619
TIRUNELVELI CITY	96	100	226	254	154	286	52	528

NA=No. Of Accidents NPK=No. of Persons Killed NPI=No. Of Persons Injured

Chart-2



In respect of Major Cities highest number of road accidents during the year 2023 (F) took place in Chennai city (3653) followed by Tambaram city (1992), Avadi City (1629), Coimbatore City (1161), Salem city (884), Thiruppur city (772), Madurai city (768), Tiruchirapalli (619) and Tirunelveli city (528).

9. Accidents in Tamil Nadu—Overview

The Accident details in Tamil Nadu for the past 10 years are furnished as follows:-

Table-8

Year	Total Number of Vehicles	Total Accidents	Fatal Accidents	No. of fatalities	% increase in fatalities over the previous year
2012	16625653	67757	15072	16175	4.88
2013	18286774	66238	14504	15563	-3.78
2014	19995382	67250	14165	15190	-2.40
2015	21558272	69059	14524	15642	2.98
2016	23354026	71431	16092	17218	10.08
2017	25147056	66763	16899	17918	4.07
2018	27141431	67279	17387	18392	2.65
2019	29012556	62685	17196	18129	-1.43
2020	30450289	49844	13868	14527	-19.87
2021	31910687	55682	14747	15384	5.90
2022	33505611	64105	17080	17884	16.25
2023	35271882	67213	17526	18347	2.59

Source: SCRB

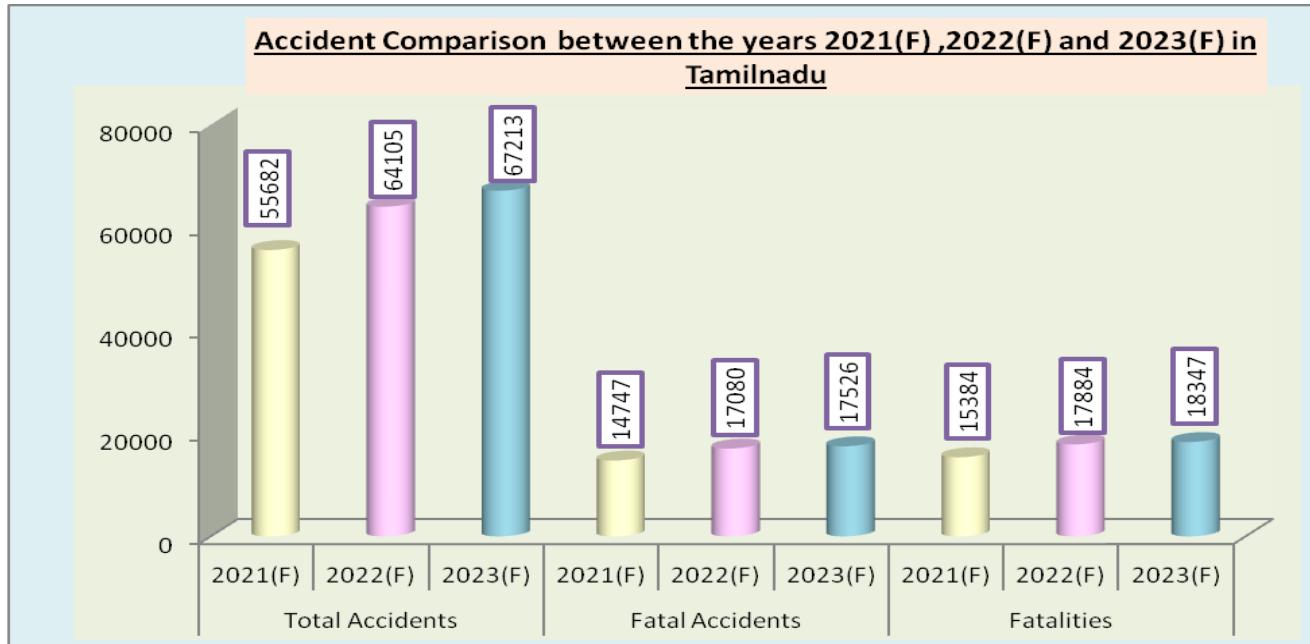
Accident Comparison between 2021(F), 2022(F) and 2023 (F) in Tamilnadu

Table-9

MONTH	Total Accidents			% of (+) or (-) wrt 2021	Fatal Accidents			% of (+) or (-) wrt 2021	Fatalities			% of (+) or (-) wrt 2021	% of (+) or (-) wrt 2022		
	2021	2022	2023		2021	2022	2023		2021	2022	2023				
January	5322	4972	6024	13.19	21.16	1422	1439	1706	19.97	18.55	1483	1489	1793	20.90	20.42
February	5300	5115	5301	0.02	3.64	1434	1468	1385	-3.42	-5.65	1502	1541	1452	-3.33	-5.78
March	5543	5771	5468	-1.35	-5.25	1557	1582	1423	-8.61	-10.05	1624	1643	1481	-8.81	-9.86
April	4628	5305	5661	22.32	6.71	1272	1450	1545	21.46	6.55	1329	1538	1605	20.77	4.36
May	2384	5546	5811	143.75	4.78	706	1548	1565	121.67	1.10	746	1615	1663	122.92	2.97
June	3291	5704	5620	70.77	-1.47	964	1529	1480	53.53	-3.20	1017	1608	1551	52.51	-3.54
July	4592	5518	5709	24.32	3.46	1249	1469	1485	18.90	1.09	1281	1535	1561	21.86	1.69
August	4977	5560	6070	21.96	9.17	1310	1453	1554	18.63	6.95	1365	1531	1617	18.46	5.62
September	4941	5321	5484	10.99	3.06	1254	1378	1381	10.13	0.22	1313	1444	1454	10.74	0.69
October	4899	5628	5644	15.21	0.28	1180	1507	1413	19.75	-6.24	1221	1582	1485	21.62	-6.13
November	4741	4515	5369	13.25	18.91	1181	1058	1371	16.09	29.58	1237	1085	1432	15.76	31.98
December	5064	5150	5052	-0.24	-1.90	1218	1199	1218	0.00	1.58	1266	1273	1253	-1.03	-1.57
Total	55682	64105	67213	20.71	4.85	14747	17080	17526	18.84	2.61	15384	17884	18347	19.26	2.59
DIFF		8423	3108				2333	446				2500	463		

Source: SCRB

Chart-3



During the year 2023, Total accidents and Fatalities shows a hike of 3108 and 463 respectively when compared with previous year 2022 .

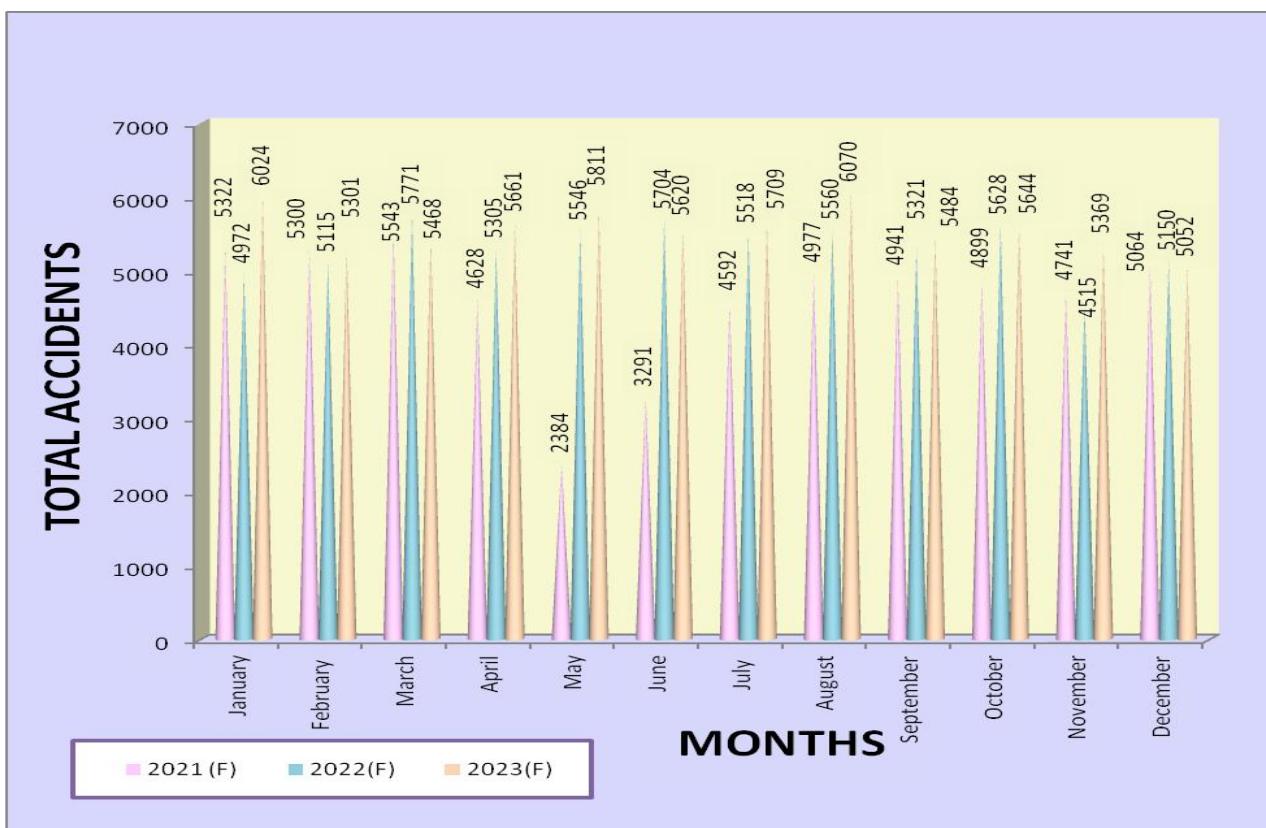
Comparison of Total Accidents for the years 2021, 2022 and 2023 in Tamil Nadu
Table-10

Month	Total Accidents		
	2021 (F)	2022(F)	2023(F)
January	5322	4972	6024
February	5300	5115	5301
March	5543	5771	5468
April	4628	5305	5661
May	2384	5546	5811
June	3291	5704	5620
July	4592	5518	5709
August	4977	5560	6070
September	4941	5321	5484
October	4899	5628	5644
November	4741	4515	5369
December	5064	5150	5052
Total	55682	64105	67213

Source: SCRB

Chart-4

Comparison of Total Accidents for the year 2021, 2022 and 2023 in Tamilnadu



Comparison of Fatal Deaths for the years 2021, 2022 and 2023 in Tamilnadu

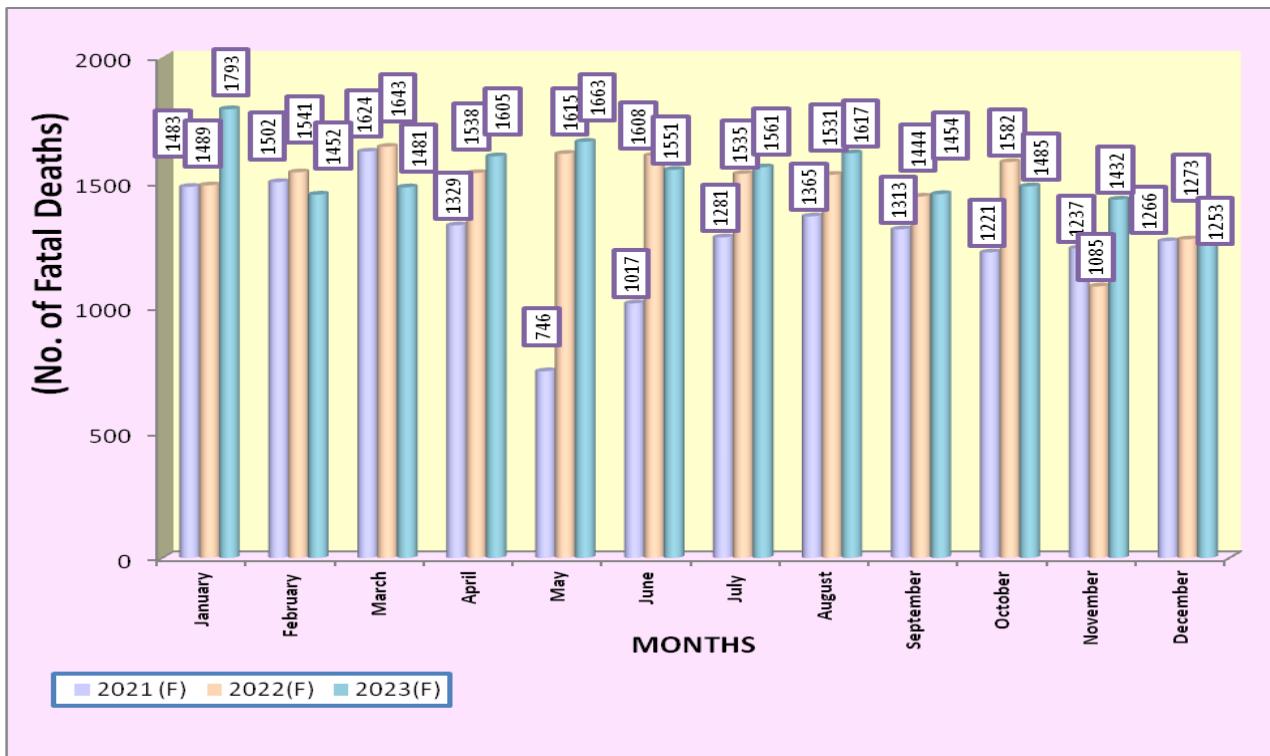
Table-11

Month	Fatal Deaths		
	2021(F)	2022(F)	2023(F)
January	1483	1489	1793
February	1502	1541	1452
March	1624	1643	1481
April	1329	1538	1605
May	746	1615	1663
June	1017	1608	1551
July	1281	1535	1561
August	1365	1531	1617
September	1313	1444	1454
October	1221	1582	1485
November	1237	1085	1432
December	1266	1273	1253
TOTAL	15384	17884	18347

Source: SCRB

Chart-5

Comparison of Fatal Deaths for the year 2021, 2022 and 2023 in Tamilnadu



10(a). Comparison of Total Accidents and Total Deaths according to Type of vehicles during the year 2022 & 2023 (F)

Table-12

Types of Vehicles	Total accidents			Total deaths		
	During 2022	During 2023	% of (+) or (-) with 2022	During 2022	During 2023	% of (+) or (-) with 2022
Bus : GOVT	2172	2024	-6.81	869	833	-4.14
: PRIVATE	1987	2353	18.42	558	659	18.10
Truck / Lorry	6270	7556	20.51	2255	2703	19.87
Car / Jeep / Taxi /Van, Tempo, LMV	18482	18882	2.16	4438	4199	-5.39
Two wheelers	29033	30504	5.07	7626	8113	6.39
Auto Rickshaw/ Three wheelers	2172	2358	8.56	411	380	-7.54
Others	3989	3536	-11.36	1727	1460	-15.46
TOTAL	64105	67213	4.85	17884	18347	2.59

Source: SCRB

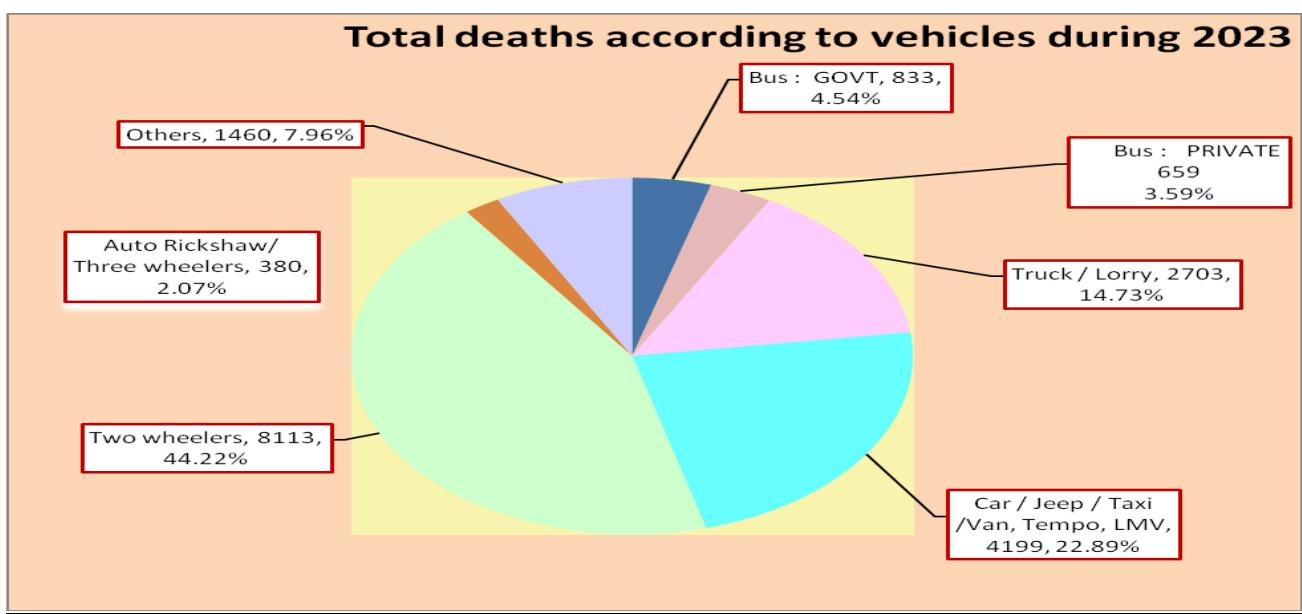
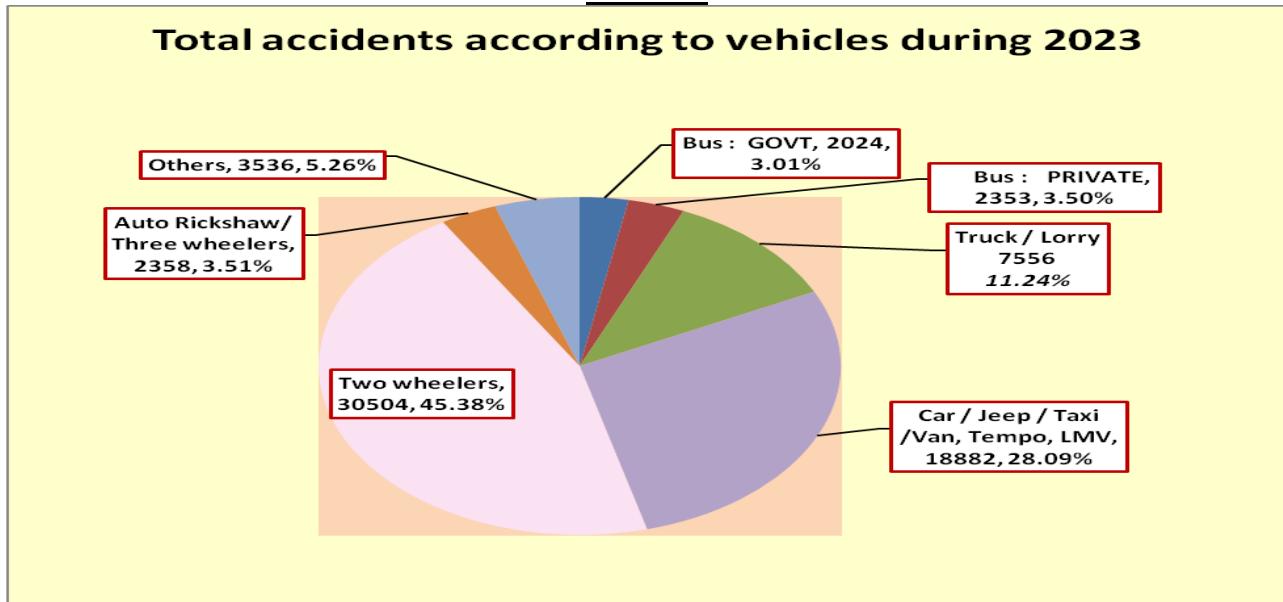
The above Table-12 shows the Total accidents and Total Deaths according to Type of the vehicles during the year 2023 (F), in which total accidents by the Truck/Lorry shows a hike of 20.51% when compared with previous year 2022.

Similarly total deaths by the Truck/Lorry and two wheelers have increased by 19.87% and 6.39% respectively when compared with previous year 2022.

Fatalities by Auto Rickshaw /Three Wheelers and Cars/Jeep/Taxi/Van, Tempo, LMV have declined by 7.54% and 5.39% respectively.

10(b). Total Accidents and Total Deaths according to type of vehicles during 2023 (F)

Chart -6



Source: SCRB

During the year 2023 (F), the highest number of accidents are caused by the two wheelers (45.38% of total accidents) and the four wheelers like Car / Jeep / Taxi /Van, Tempo, HMV (28.09% of total accidents) stands second.

The maximum Fatalities are by two wheelers (44.22%) followed by four wheelers like Car / Jeep / Taxi /Van, Tempo, LMV (22.89%) and third by Goods carriages (Truck/Lorry/HMV) (14.73%). The maximum Fatalities are caused by two wheelers are due to non wearing of helmets.

10(c) Deaths caused due to Non Wearing of Helmets in Two Wheelers**Table-13**

Month	Deaths by Two Wheelers	Deaths due to Non Wearing of Helmets
Jan-23	866	196
Feb-23	624	182
Mar-23	684	195
Apr-23	692	212
May-23	704	207
June-23	683	199
July-23	695	201
August-23	733	232
September-23	622	218
October-23	627	206
November-23	648	191
December-23	535	187
Total	8113	2426

Source: Health Systems Project and SCRB

During the year 2023(F), 29.90% of the deaths in Two Wheelers has occurred due to Non Wearing of Helmets. During the year 2022 death caused due to non wearing of helmet was 2477 which has been decreased to 2426 during 2023.

10(d) District Wise/Month Wise Deaths due to Non Wearing of Helmets
Table-14
(in numbers)

District	Jan'23	Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23	Aug'23	Sep'23	Oct '23	Nov '23	Dec '23	Total
ARIYALUR	3	2	4	4	3	5	4	5	6	0	0	1	37
CHENGALPATTU	12	8	14	13	9	12	12	11	14	14	11	12	142
CHENNAI	3	1	3	3	1	4	6	4	3	9	6	2	45
COIMBATORE	11	12	4	13	16	5	11	19	14	13	11	26	155
CUDDALORE	10	6	8	3	12	9	5	7	5	9	7	3	84
DHARMAPURI	4	5	2	5	7	7	3	2	4	5	6	7	57
DINDIGUL	7	10	12	7	10	10	7	7	8	3	9	4	94
ERODE	8	10	5	14	3	6	9	9	3	2	3	5	77
KALLAKURICHI	3	4	1	4	4	5	3	5	6	4	5	5	49
KANCHEEPURAM	4	7	9	8	8	6	6	13	6	8	10	8	93
KANYAKUMARI	4	2	4	3	5	2	2	9	3	3	3	4	44
KARUR	0	1	3	3	0	1	1	3	1	3	7	5	28
KRISHNAGIRI	5	5	12	9	11	12	6	8	12	12	10	5	107
MADURAI	9	12	10	13	7	11	8	9	9	11	9	8	116
MAYILADUTHURAI	1	4	3	0	5	1	0	2	4	2	2	0	24
NAGAPATTINAM	2	2	3	0	2	0	0	0	0	0	2	0	11
NAMAKKAL	5	2	5	11	2	1	5	5	4	0	5	5	50
PERAMBALUR	0	0	3	3	2	3	1	3	3	2	3	3	26
PUDUKOTTAI	8	6	8	7	5	7	5	5	3	6	5	1	66
RAMANATHAPURAM	7	4	4	4	4	3	5	9	1	4	4	2	51
RANIPET	3	2	4	4	3	2	3	2	5	5	4	7	44
SALEM	7	7	5	9	5	16	12	8	9	5	5	8	96
SIVAGANGAI	6	7	3	2	3	3	5	4	5	4	5	6	53
TENKASI	2	3	3	3	1	2	2	4	5	2	3	1	31
THANJAVUR	4	5	4	5	7	9	11	6	5	6	3	1	66
THE NILGIRIS	1	0	0	1	1	0	2	0	2	1	0	0	8
THENI	3	0	4	4	3	1	2	1	1	4	4	4	31
THIRUVALLUR	16	12	9	14	13	11	12	20	19	13	4	14	157
THIRUVANNAMALAI	8	5	4	7	9	8	7	10	12	2	6	3	81
THIRUVARUR	1	3	4	5	2	2	2	1	1	1	3	1	26
THOOTHUKUDI	4	3	4	1	4	4	4	7	3	9	4	12	59
TIRUCHIRAPPALLI	5	5	12	6	9	8	11	4	6	10	4	4	84
TIRUNELVELI	6	0	0	1	3	5	5	5	4	5	4	4	42
TIRUPATTUR	2	6	6	1	8	2	2	3	7	5	2	2	46
TIRUPUR	6	8	6	7	10	4	6	4	9	6	7	0	73
VELLORE	2	2	4	3	3	0	4	5	3	6	4	3	39
VILLUPURAM	10	6	4	6	3	11	9	8	7	5	7	6	82
VIRUDHUNAGAR	4	5	2	6	4	1	3	5	6	7	4	5	52
Grand Total	196	182	195	212	207	199	201	232	218	206	191	187	2426

Source: Health Systems Project

The highest number of deaths due to non wearing of helmet (upto December 2023) has happened at Thiruvallur (157), Coimbatore (155), Chengalpattu (142), Madurai (116) and Krishnagiri (107) districts.

**11(a).Comparison of Total Accidents and Deaths according to Type of Roads
(during the years 2022 and 2023 (F))**

Table-15

Types of Road	Total accidents			Total deaths		
	During 2022	During 2023(F)	% of (+) or (-)	During 2022	During 2023(F)	% of (+) or (-)
NH under NHAI	15686	17064	8.78	4980	5316	6.75
NH under State PWD	3286	3518	7.06	998	942	-5.61
State Highway	22633	23166	2.35	6362	6325	-0.58
District Road	11086	12582	13.49	2571	2824	9.84
Village Road	8476	7491	-11.62	2279	2039	-10.53
Others	2938	3392	15.45	694	901	29.83
Total	64105	67213	4.85	17884	18347	2.59

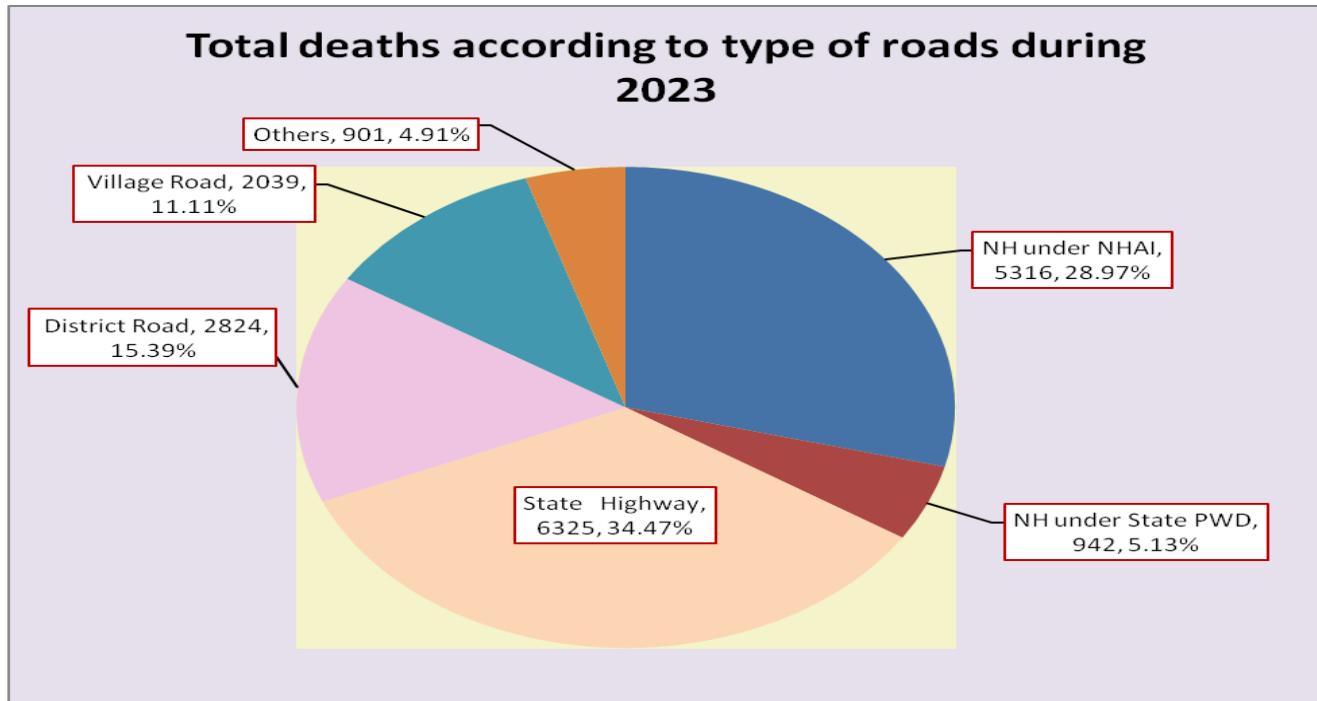
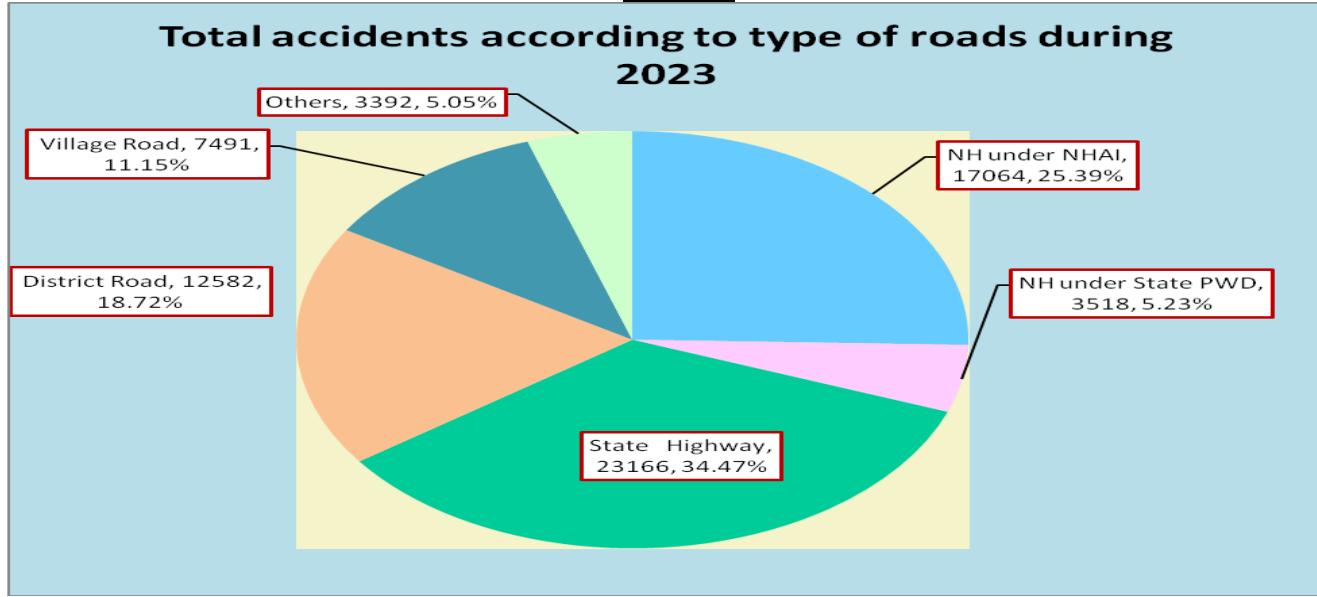
Source: SCRB

During the year 2023, Total deaths has been reduced by 5.61 % under National Highways State PWD when compared with previous year 2022.

In State Highway, total fatalities shows a decline even though , total accidents shows a hike when compared with previous year 2022.

The total accidents and total deaths according to type of roads shows decreasing trend in Village Roads by 11.62 and 10.53% respectively when compared with previous year 2022.

11(b). Total Accidents and Total Deaths according to Type of Roads during 2023(F)
Chart-7



Source: SCRB

From the above chart it reveals that during 2023 , the most number of accidents have occurred in State Highways (34.47%) followed by National Highways under NHAI (25.39%), District roads (18.72%) and Village roads (11.15%).

Also, more number of Deaths happened in State Highways (34.47%) followed by National Highways under NHAI (28.97%) during 2023 in Tamil Nadu.

12. Accidents according to causes during the year 2023 (F)

Table-16

Types of Causes	NUMBER OF ROAD ACCIDENTS ACCORDING TO CAUSES							
	Fatal		Grevious Injury		Minor injury		Non-injury	Total Accidents
	N.A	N.P.K	N.A	N.P.I	N.A	N.P.I	N.A	
Pedestrian	211	215	231	239	272	304	1	715
Cyclist	13	13	17	17	20	24	0	50
Driver	16800	17603	22969	25580	23801	44606	1401	64971
Passenger	35	36	35	35	47	49	1	118
Animal	204	205	114	133	165	329	16	499
Bad Road	54	54	74	81	40	68	3	171
Mechanical Defect	35	45	41	50	35	265	5	116
Bad Weather	24	24	38	53	15	52	4	81
Others	150	152	167	183	160	224	15	492
Total	17526	18347	23686	26371	24555	45921	1446	67213

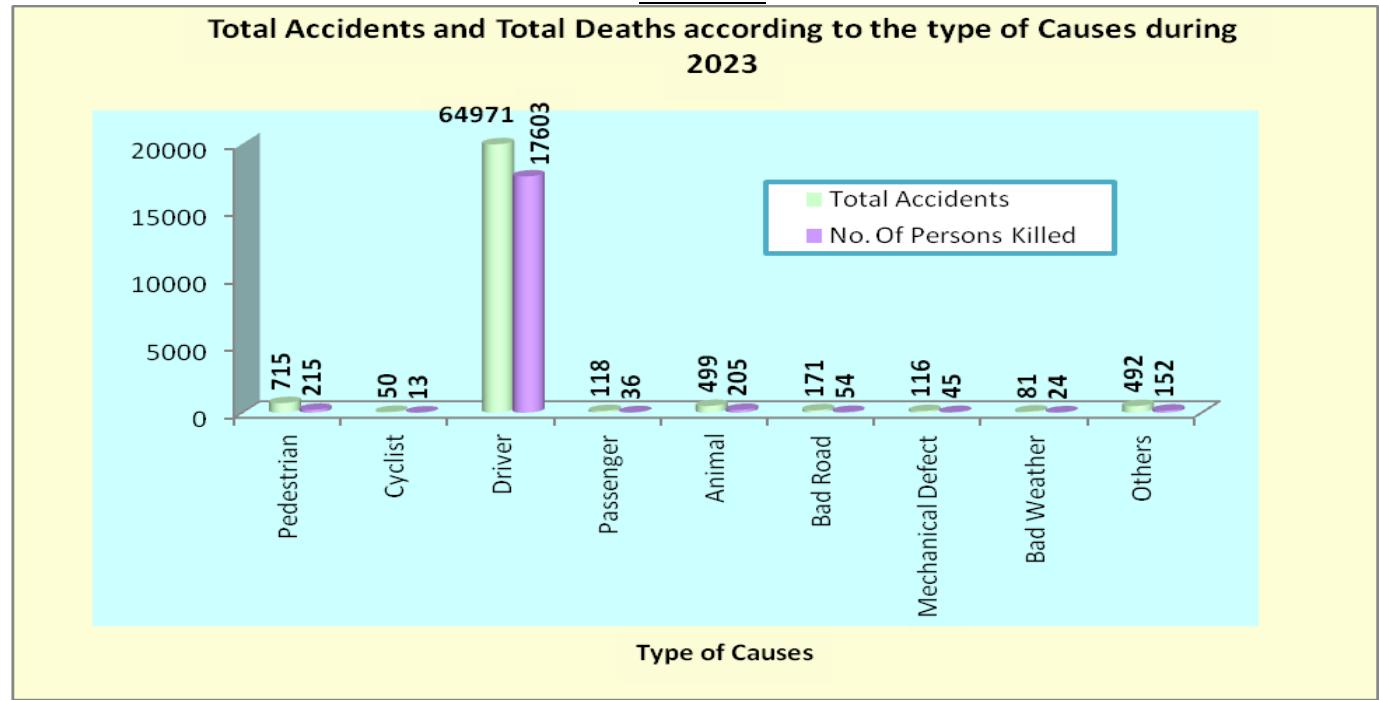
NA=No. Of Accidents

NPK=No. of Persons Killed

NPI=No. Of Persons Injured

source: SCRB

Chart-8



Out of 67213 Total Accidents, 64971 accidents were taken place due to the fault of the driver which is 96.66%. The major causes of the accidents are over speed, aggressive driving, use of Cell phones while driving, drunken driving etc.,

13. (a) Action taken on Supreme Court Committee on Road Safety

The Supreme Court Committee on Road Safety has given directions to suspend the driving licences of the drivers who commit the following traffic violations:-

- a) Over Speeding.
- b) Over Loading of goods
- c) Over loading of persons in goods carriages.
- d) Drunken Driving.
- e) Red Light Jumping.
- f) Using Mobile Phone While driving.

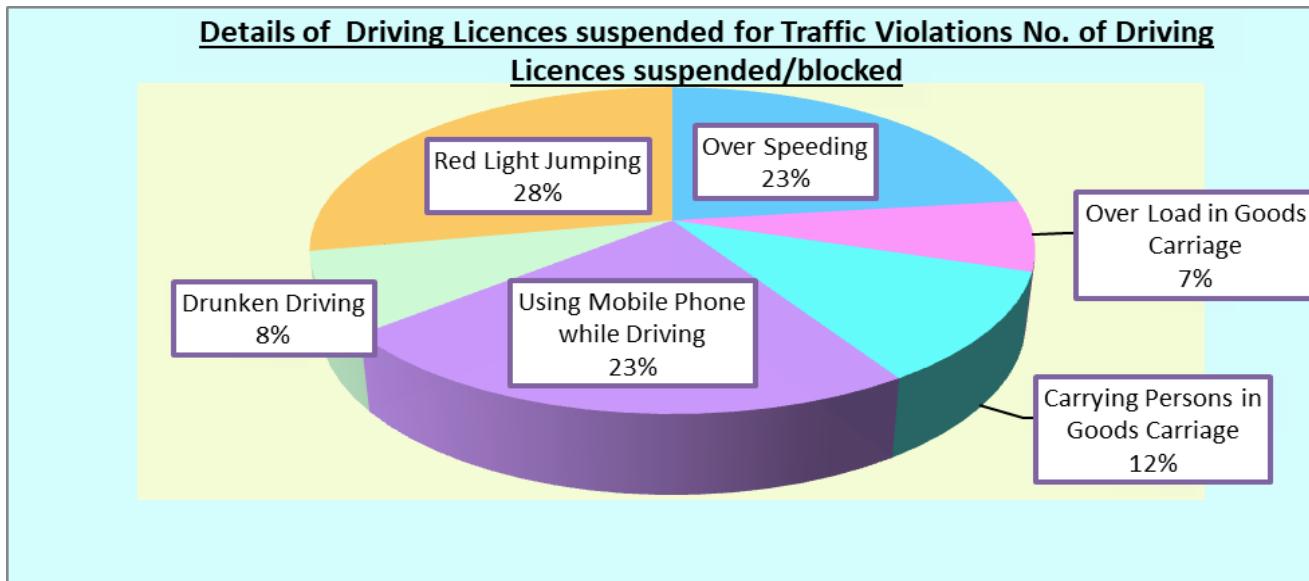
13(b) .Details of Driving Licences suspended for Traffic Violations No. of Driving Licences suspended/blocked

Table-17

Offences	Over Speeding	Over Load in Goods Carriage	Carrying Persons in Goods Carriage	Using Mobile Phone while Driving	Drunken Driving	Red Light Jumping	Total
Jan-23	882	272	569	1000	380	1117	4220
Feb-23	1279	428	759	1189	293	1367	5315
Mar-23	1290	390	781	1142	458	1613	5674
Apr-23	1303	318	594	1207	450	1587	5459
May-23	1146	316	606	1119	299	1386	4872
Jun-23	1157	338	599	1091	392	1266	4843
Jul-23	1080	467	604	1324	333	1613	5421
Aug-23	1181	448	616	1322	452	1417	5436
Sep-23	1608	391	629	1836	539	2080	7083
Oct-23	1452	546	571	1305	420	1386	5680
Nov-23	1627	355	495	1358	521	1697	6053
Dec-23	1239	296	426	1546	557	1357	5421
TOTAL	15244	4565	7249	15439	5094	17886	65477

Source: ZONAL JTCS/DTCS

Chart-9



Around 65477, driving licences were suspended upto the month of December 2023 for Traffic violation of six offences identified by Supreme Court Committee on Road Safety. The driving licences suspended for traffic violation, Red Light Jumping (28%) followed by Over Speeding and using mobile phone while driving (23%).

14. Conclusion

In a bid to inculcate road safety and to spread awareness about traffic rules, the city police organized an awareness programme . Motorists travelling without seat belts were fined. At various junctions across the city, traffic police conducted awareness drives about wearing seat belts. People to read newspapers as there are many stories about road accidents that could have been avoided if people were wearing seat belts and following traffic rules.

“Government aim to make people realize the value of wearing seat belts and when they realize it, it becomes a habit. Then there won’t be a need to constantly remind them about road safety and traffic regulations.”

The Tamil Nadu Government of Action for Road Safety initiative encourages governments to develop programs to improve road user behavior through campaigns that increase awareness of road safety risks and the need for seatbelts and helmets and reduce drunk driving, speeding and other risky behaviors.

Road Safety Tips

- ❖ **Stay Alert** - Actively pay attention to your actions and those of the drivers around you when you are driving.
- ❖ **Avoid Assumptions** - Don't make the mistake of assuming that other drivers are going to do or what you think they should do.

- ❖ **Use Turn Signals** - While you can't depend on others always signaling their intentions when driving, you can certainly control whether or not they have realistic expectations for your actions. Always use your turn signals in advance of making a lane change or turning.
- ❖ **Buckle Up** - Wearing your seat belt is an essential safety tip for drivers. Not only are you more likely to get injured in an accident if you aren't wearing a seat belt, you can also be fined for failing to do so.
- ❖ **Follow Traffic Signals** - Pay close attention to and obey stop signs and traffic lights.

ADS

AS I

DTC II

JTC(RS)

ATC

TC

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