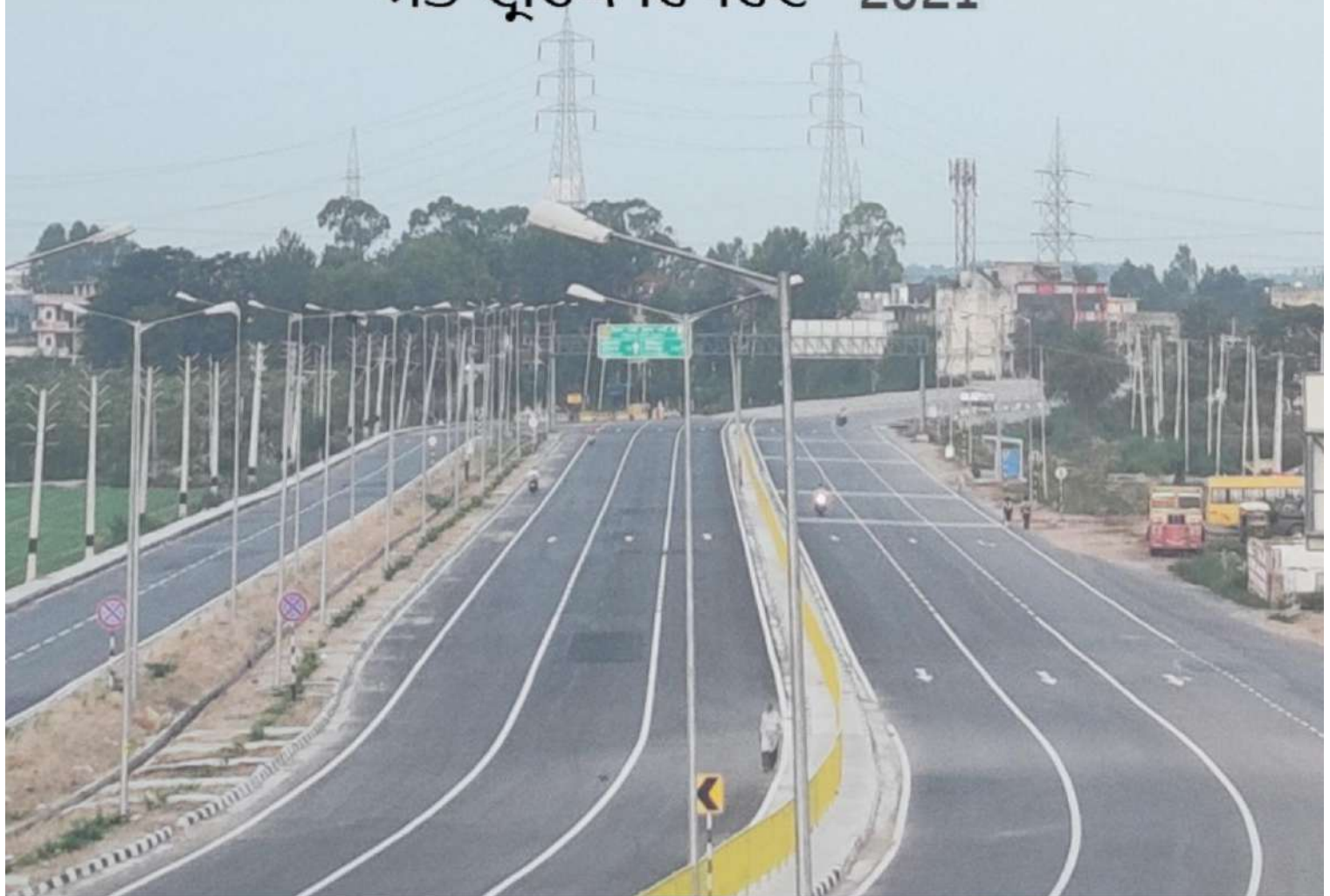


REPORT ON
**PUNJAB ROAD ACCIDENTS
AND TRAFFIC - 2021**

ਪੰਜਾਬ ਸੜਕ ਦੁਰਘਟਨਾਵਾਂ
ਅਤੇ ਟ੍ਰੈਫਿਕ ਰਿਪੋਰਟ - 2021



Office of

The Director General of Police
Punjab Police

Review Details

Version	Date of Release	Remarks
R0		
R1		

Report on Punjab Road Accidents and Traffic-2021

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1. Introduction

1.1. Summary of Road Accident Scenario in Punjab

- i. A total of 4589 people died in different road accidents; on an average 13 people lost their lives daily in various Road Accidents in Punjab in the year 2021.
- ii. In 2021, an Increase of 17.7% in road accident fatalities was observed in Punjab against the declining trend of the previous year (2020).
- iii. Estimated 2.29% of the total country's population lives in Punjab, but its share in the total road accident deaths is varying from 2.8% to 3.5% of road accident deaths of India in the last five years.
- iv. In the year 2021, a total of 5,16,968 Motor vehicles were registered in Punjab account for an annual increasing growth rate of 0.22%. Last year on an average daily, 375 new cars and 982 two-wheelers were registered in Punjab. The total cumulative registered vehicle in Punjab till December 2021 was 1.21 Crore vehicles (1,21,72,176).
- v. 72% of the total road fatalities occurred on National and State Highways, both comprise of 5.93% of the total road length in Punjab. The accidental death rate on National Highway in Punjab is 0.53 per kilometer/year and on State Highway is 1.59 per kilometer/year.
- vi. The number of fatalities per million population of Punjab (Health burden due to traffic) was 144. Three districts of Punjab Rupnagar, S.B.S. Nagar and Fatehgarh Sahib ranked number 1, 2 and 3, respectively where the rate of fatal road accidental deaths is almost 1.7 times the state's average.
- vii. Out of 22, in 10 districts reported a decrease in the road fatalities with district Jalandhar and Ludhiana as a worse hit, where there ranking increased from 18th position to 10th Position and from 13th position to 7th position respectively.
- viii. A decline in the road, fatalities were observed in the months of October and November whilst increase in the road accident fatalities in all the other months of are observed as compared with the previous year 2020.
- ix. Over Speeding and Driving on the Wrong Side is the leading cause of deaths in Punjab. In the year 2021, a total of 3276 people died in road accidents due to over speeding followed by 522 deaths due to driving on wrong side.
- x. A total of 537 people died due to road accidents in three Police Commissionerate jurisdictions, Ludhiana, Jalandhar, and Amritsar account for 11.7% in the total share of road accident fatalities in the state.
- xi. As per the socio-economic cost analysis, In Punjab, Road accidents accounted for a loss of rupees 17,851 crores in the year 2021.
- xii. Age wise, 69% of the people involved in various fatal road accidents were from the age group of 18 to 45. Road accident is one of the leading causes of young people deaths in Punjab.
- xiii. In 2021, the time interval between 6:00 PM and 9:00 PM recorded a maximum number of road accidents, accounting for 20.7% of the total accidents in the state.

- xiv. Majority of the road accident occurred in rural areas of Punjab (59%). The share of fatal road accidents occurred in urban areas was 41% in total accidents, including major and minors.
- xv. Average deployment of Traffic police personnel against per lakh population in Punjab is eight and at present 62 highway patrol vehicles are deployed on various roads of Punjab near accident black spots.

Table 1 Year Wise Summary of Road Accident Deaths and Injuries in Punjab in the current decade

Year	Number of Road Accidents Cases Reported	Number of Road Accidents Deaths	Number of People Seriously Injured	Growth/Decline Rate (+/-) in Road Accidental Deaths
2011	6513	4931	4081	
2012	6341	4820	3997	-2.3%
2013	6323	4588	4383	-4.8%
2014	6391	4621	4127	-0.7%
2015	6702	4893	4414	+5.9%
2016	6952	5077	4351	+3.8%
2017	6273	4463 ¹	4218	-12.1%
2018	6426	4740 ²	3380	+6.2%
2019	6348	4525 ³	2655	-4.5%
2020	5203	3898 ⁴	1737	-13.9%
2021	5871	4589 ⁵	2032	+17.7%

A 17.7% increase in the overall road accident fatalities happened in the year 2021 compared with the previous year decline of 13.9%.

Table 2 in the next section providing the district wise details of various road accidents and case registered under both cognizable and non-cognizable offenses. Further, 9

Table 3, Table 4 and Table 5 provides district wise and month wise details of road accident fatalities for the year 2019, 2020 and 2021 respectively.

¹ 4 road accident fatalities reported by Government Railway Police are added in the total road fatalities in Punjab for the year 2017

² 15 road accident fatalities reported by Government Railway Police are added in the total road fatalities in Punjab for the year 2018

³ 4 road accident fatalities reported by Government Railway Police are added and 94 road accident fatalities which are under reported by district Ludhiana Commissionerate are not added in the total road fatalities in Punjab for the year 2019

⁴ 10 road accident fatalities reported by Government Railway Police are added in the total road fatalities in Punjab for the year 2020

⁵ 16 road accident fatalities reported by Government Railway Police are added in the total road fatalities in Punjab for the year 2021

Table 2: District Wise Details of Various Types of Road Accidents in Punjab for the Year 2021

Road Accident Data Reporting Format for the Month January 2020 to December 2021													
Sr. No.	Name of CP/ District	Road Accident Registered in FIR/IPC				Road Accident Registered in CrPC 174				Grand Total			
		Total Cases Reg.	Killed	Grievous Injured	Minor Injured	Total Cases Reg.	Killed	Grievous Injured	Minor Injured	Total Cases Reg.	Killed	Grievous Injured	Minor Injured
1	Gurdaspur	164	134	89	0	36	38	1	0	200	172	90	0
2	Shri Amritsar Sahib	216	165	88	21	63	63	7	3	279	228	95	24
3	Kapurthala	113	81	24	14	21	21	0	0	134	102	24	14
4	Jalandhar	279	235	129	11	120	125	0	0	399	360	129	11
5	S.B.S. Nagar	115	87	38	20	73	77	0	0	188	164	38	20
6	Hoshiarpur	229	193	92	50	8	8	0	0	237	201	92	50
7	Rupnagar	234	162	151	5	31	31	0	0	265	193	151	5
8	Ludhiana	603	437	240	56	210	212	0	0	813	649	240	56
9	Ferozpur	124	97	59	9	55	55	0	0	179	152	59	9
10	Faridkot	68	39	21	20	48	50	6	5	116	89	27	25
11	Shri Muktsar Sahib	93	59	46	16	67	71	11	5	160	130	57	21
12	Moga	81	69	94	1	112	116	0	0	193	185	94	1
13	Bathinda	195	116	124	28	92	97	6	3	287	213	130	31
14	Mansa	103	71	35	42	60	62	5	0	163	133	40	42
15	Sangrur	326	205	102	135	77	81	6	1	403	286	108	136
16	Patiala	575	355	239	237	69	79	2	1	644	434	241	238
17	Fatehgarh Sahib	191	128	73	37	38	38	0	2	229	166	73	39
18	S.A.S Nagar	428	248	108	209	19	21	0	0	447	269	108	209
19	Tarn Taran	85	85	20	13	39	41	3	0	124	126	23	13
20	Barnala	96	51	22	71	42	45	1	4	138	96	23	75
21	Pathankot	88	70	38	21	22	23	0	0	110	93	38	21
22	Fazilka	92	74	117	0	56	58	29	0	148	132	146	0
*	GRP	11	12	6	0	4	4	0	0	15	16	6	0
	Total	4509	3173	1955	1016	1362	1416	77	24	5871	4589	2032	1040

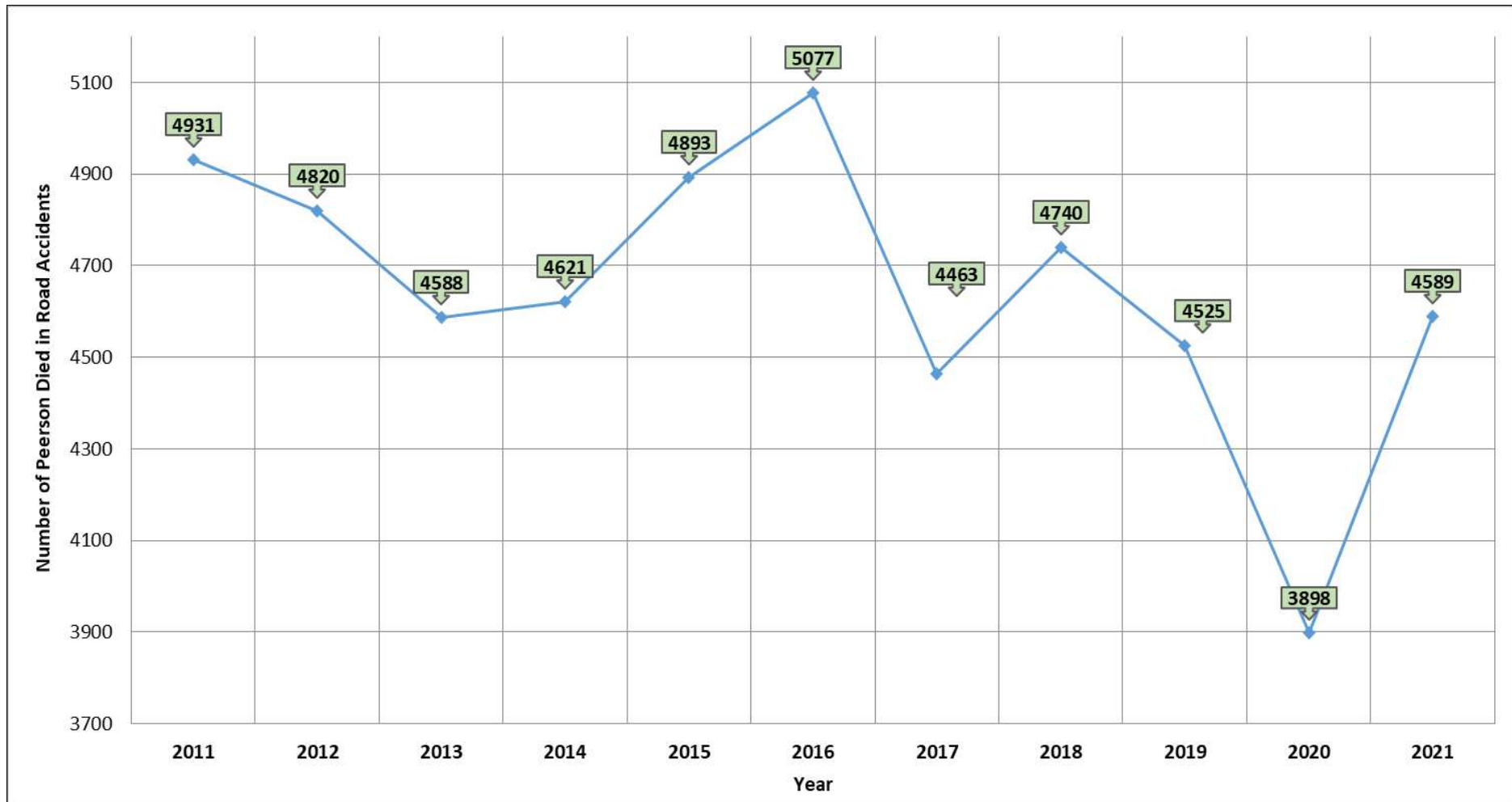


Figure 1: Year Wise Road Accidents Deaths in Punjab (2011-2021)

1.2. Month Wise and District Wise Road Accidents Deaths for the Year 2019

Table 3: Month Wise and District Wise Road Accidents Deaths for the Year 2019

Sr. No.	District/Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
1	Gurdaspur	13	18	12	11	7	14	10	8	18	16	20	16	163
2	Shri Amritsar Sahib	30	22	17	13	20	22	18	28	24	16	24	29	263
3	Kapurthala	12	14	15	9	10	19	19	9	17	13	16	14	167
4	Jalandhar	31	18	27	23	27	24	31	21	35	25	33	36	331
5	S.B.S. Nagar	17	8	7	11	13	16	6	9	4	8	19	10	128
6	Hoshiarpur	23	17	23	23	24	21	23	14	18	29	21	16	252
7	Rupnagar	11	17	19	20	13	9	10	20	18	17	14	12	180
8	Ludhiana	37	49	38	47	23	35	41	52	39	44	46	57	508
9	Firozpur	11	15	7	17	10	9	5	6	14	16	14	12	136
10	Faridkot	13	6	8	6	10	10	7	6	11	12	7	10	106
11	Shri Muktsar Sahib	18	15	9	11	16	7	11	15	14	16	20	13	165
12	Moga	21	13	12	10	12	9	12	16	6	18	6	9	144
13	Bathinda	16	9	20	24	26	27	19	14	24	26	24	32	261
14	Mansa	4	9	6	9	8	12	8	17	18	9	14	5	119
15	Sangrur	21	11	20	19	21	28	9	15	19	24	30	21	238
16	Patiala	34	36	37	35	39	39	40	36	30	48	45	35	454
17	Fatehgarh Sahib	11	10	20	14	17	13	11	8	24	18	11	10	167
18	S.A.S Nagar	29	29	27	23	16	30	16	15	21	29	29	19	283
19	Tarn Taran	12	7	8	17	10	7	8	7	11	8	15	5	115
20	Barnala	15	5	10	6	9	9	7	14	13	7	26	11	132
21	Pathankot	8	4	15	5	11	7	6	4	11	10	7	4	92
22	Fazilka	8	11	8	10	10	6	9	4	17	16	13	5	117
*	GRP ³	2	0	0	1	0	0	0	0	0	0	0	1	4
2019	Total	397	343	365	364	352	373	326	338	406	425	454	382	4521+4

1.3. Month Wise and District Wise Road Accidents Deaths for the Year 2020

Table 4: Month Wise and District Wise Road Accidents Deaths for the Year 2020

Sr. No.	District/Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
1	Gurdaspur	15	9	13	3	16	16	11	11	14	19	17	14	158
2	Shri Amritsar Sahib	11	13	13	6	15	16	22	11	13	31	24	14	189
3	Kapurthala	14	13	5	5	8	8	7	10	6	17	17	11	121
4	Jalandhar	17	26	19	7	14	14	14	24	21	18	30	20	224
5	S.B.S. Nagar	16	18	13	2	1	8	7	5	12	21	17	17	137
6	Hoshiarpur	14	24	12	4	16	11	15	12	16	19	26	21	190
7	Rupnagar	5	8	11	0	5	7	15	6	11	31	12	16	127
8	Ludhiana	51	36	37	8	31	30	49	47	46	59	57	48	499
9	Firozpur	8	10	4	2	6	18	11	11	9	13	18	9	119
10	Faridkot	12	7	4	4	7	12	14	8	11	12	6	10	107
11	Shri Muktsar Sahib	9	8	8	7	7	6	7	15	6	14	13	12	112
12	Moga	17	17	5	2	16	8	18	7	25	19	26	13	173
13	Bathinda	15	20	14	10	12	12	31	15	18	37	24	21	229
14	Mansa	13	14	6	3	10	5	6	10	6	15	9	17	114
15	Sangrur	23	18	20	8	14	11	19	10	25	27	41	25	241
16	Patiala	23	30	24	14	27	27	33	35	26	32	34	34	339
17	Fatehgarh Sahib	20	12	12	3	11	15	14	12	10	13	24	13	159
18	S.A.S Nagar	32	23	24	8	11	17	24	17	24	22	29	23	254
19	Tarn Taran	5	11	9	3	10	12	4	7	6	15	8	9	99
20	Barnala	7	11	11	7	5	12	9	8	11	11	14	11	117
21	Pathankot	5	9	4	3	3	3	3	7	2	6	10	8	63
22	Fazilka	4	13	6	0	12	7	8	6	13	12	16	20	117
*	GRP	0	2	1	0	1	0	1	1	1	1	1	1	10
2020	Total	336	352	275	109	258	275	342	295	332	464	473	387	3898

1.4. Month Wise and District Wise Road Accidents Deaths for the Year 2021

Table 5: Month Wise and District Wise Road Accidents Deaths for the Year 2021

Sr. No.	District/Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
1	Gurdaspur	9	14	11	16	12	9	11	8	20	28	25	9	172
2	Shri Amritsar Sahib	16	13	19	22	17	22	24	18	11	19	26	21	228
3	Kapurthala	8	9	5	13	10	8	5	7	18	4	9	6	102
4	Jalandhar	26	33	24	32	25	33	30	14	35	34	34	40	360
5	S.B.S. Nagar	5	14	11	14	12	13	9	17	10	17	19	23	164
6	Hoshiarpur	21	10	16	13	16	8	28	17	16	23	19	14	201
7	Rupnagar	18	14	15	17	8	10	15	26	11	20	16	23	193
8	Ludhiana	51	62	53	33	41	47	57	60	62	59	60	64	649
9	Ferozpur	7	12	11	19	11	13	12	12	16	10	13	16	152
10	Faridkot	5	12	7	12	4	4	5	11	4	8	10	7	89
11	Shri Muktsar Sahib	8	18	10	10	10	11	9	15	15	8	9	7	130
12	Moga	8	12	21	12	9	15	24	19	12	13	24	16	185
13	Bathinda	18	18	18	14	14	17	11	18	13	27	19	26	213
14	Mansa	7	8	16	17	11	8	15	2	6	15	15	13	133
15	Sangrur	26	23	21	32	13	14	29	26	20	24	33	25	286
16	Patiala	38	32	36	24	32	37	32	45	21	56	35	46	434
17	Fatehgarh Sahib	11	14	8	15	9	10	16	24	9	18	21	11	166
18	S.A.S Nagar	30	27	18	15	24	19	25	20	26	24	18	23	269
19	Tarn Taran	11	6	9	9	7	12	16	8	10	11	15	12	126
20	Barnala	3	1	12	6	13	8	9	9	9	7	13	6	96
21	Pathankot	9	6	7	7	5	11	4	8	4	11	17	4	93
22	Fazilka	17	15	10	9	5	11	9	18	17	8	7	6	132
*	GRP	3	2	0	2	1	1	0	0	0	3	2	2	16
2021	Total	355	375	358	363	309	341	395	402	365	447	459	420	4589

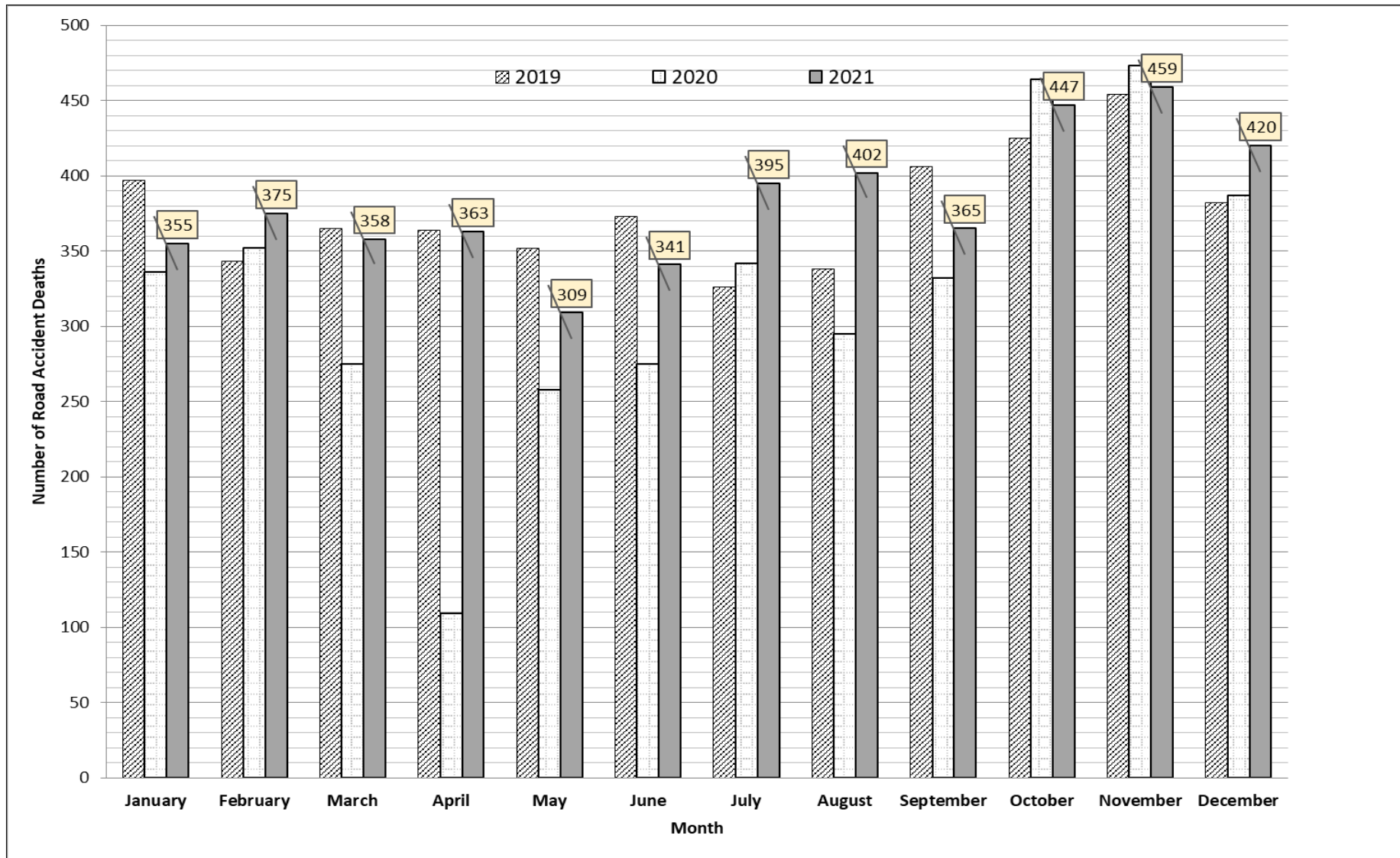


Figure 2 : Month Wise details of Road Accident Deaths for the Years 2019-2021

1.5. Health Burden due to Traffic Accidents – Health Index due to Traffic

To describe the health burden due to traffic accidents in Punjab using a decentralized ranking approach, a district-wise analysis performed on the road traffic fatalities. Health burden due to road traffic is defined as a number of road accident fatalities against per million populations. It is found that the Road accident death rate against per million population of Punjab was 144 for the year 2021. Districts like Rupnagar, S.B.S. Nagar and Fatehgarh Sahib were recorded with 1.7 to 1.8 times more than the state average with ranking 1, 2 and 3 respectively. Out of 22 districts of Punjab, 10 districts have shown a decline in overall road fatalities ranking (health index due to traffic) in the year 2021 as compared to year 2020, whereas Districts like Jalandhar and Ludhiana have shown significant rise followed by Pathankot. Table 6 provides the complete district wise calculations for the health index due to traffic fatalities along with ranking.

Table 6: Health Burden Due to Traffic Accidents in Punjab of the Year 2019-2021

District Name	Estimated Population in 2019**	Estimated Population in 2020**	Estimated Population in 2021**	Accident Fatalities in 2019	Accident Fatalities in 2020	Accident Fatalities in 2021	Health Index due to Traffic 2019	Health Index due to Traffic 2020	Health Index due to Traffic 2021	District Rank in 2021
PUNJAB	3,09,73,363	3,14,11,917	3,18,57,528	4521	3898	4589	146	124	144	
Gurdaspur	17,47,140	17,63,388	17,79,788	163	158	172	93	90	97	20
Kapurthala	8,74,050	8,81,366	8,88,743	167	121	102	191	137	115	18
Jalandhar	23,84,320	24,10,930	24,37,835	331	224	360	139	93	148	10
Hoshiarpur	16,71,638	16,83,089	16,94,618	252	190	201	151	113	119	17
Shahid Bhagat Singh Nagar	6,37,236	6,40,155	6,43,087	128	137	164	201	214	255	2
Fatehgarh Sahib	6,56,698	6,64,178	6,71,743	167	159	166	254	239	247	3
Ludhiana	39,29,073	39,88,009	40,47,829	508	499	649	129	125	160	7
Moga	10,82,191	10,93,986	11,05,911	144	173	185	133	158	167	6
Firozpur	11,36,834	11,55,115	11,73,689	136	119	152	120	103	130	12
Shri Muktsar Sahib	10,25,737	10,42,251	10,59,032	165	112	130	161	107	123	16

District Name	Estimated Population in 2019**	Estimated Population in 2020**	Estimated Population in 2021**	Accident Fatalities in 2019	Accident Fatalities in 2020	Accident Fatalities in 2021	Health Index due to Traffic 2019	Health Index due to Traffic 2020	Health Index due to Traffic 2021	District Rank in 2021
Faridkot	6,80,857	6,89,150	6,97,544	106	107	89	156	155	128	14
Bathinda	15,94,005	16,21,692	16,49,861	261	229	213	164	141	129	13
Mansa	8,43,252	8,53,050	8,62,963	119	114	133	141	134	154	8
Patiala	22,06,698	22,49,508	22,93,148	454	339	434	206	151	189	5
Shri Amritsar Sahib	28,16,604	28,60,205	29,04,481	263	189	228	93	66	78	22
Tarn Taran	13,04,948	13,30,107	13,55,752	115	99	126	88	74	93	21
Rupnagar	7,32,210	7,38,558	7,44,961	180	127	193	246	172	259	1
Sahibzada Ajit Singh Nagar	12,68,956	13,09,588	13,51,521	283	254	269	223	194	199	4
Sangrur	18,24,385	18,46,825	18,69,541	238	241	286	130	130	153	9
Barnala	6,62,041	6,70,753	6,79,580	132	117	96	199	174	141	11
Pathankot	7,28,606	7,35,382	7,42,221	92	63	93	126	86	125	15
Fazilka	11,65,884	11,84,631	12,03,680	117	117	132	100	99	110	19
*GRP	-	-	-	-	10	16	-	-	-	-

**These Population estimates are made by taking 2011 Census of India as a base value with previous district wise population growth trends

***Rank 1 is denoted as the most critical district as well as Rank 22 denotes least critical district.

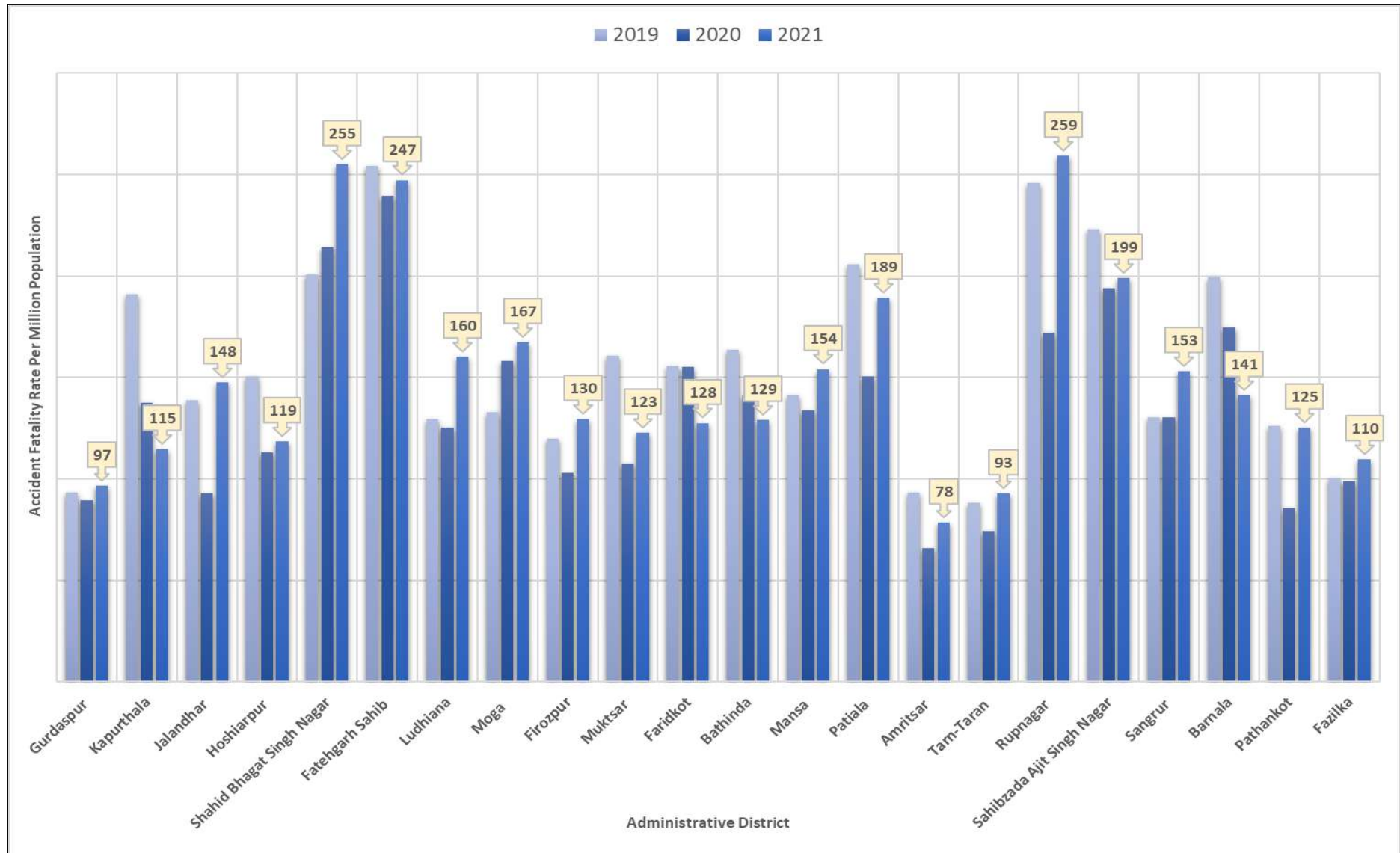


Figure 3: District Wise Comparison of Fatality Rate per Million Populations for the year 2019-2021

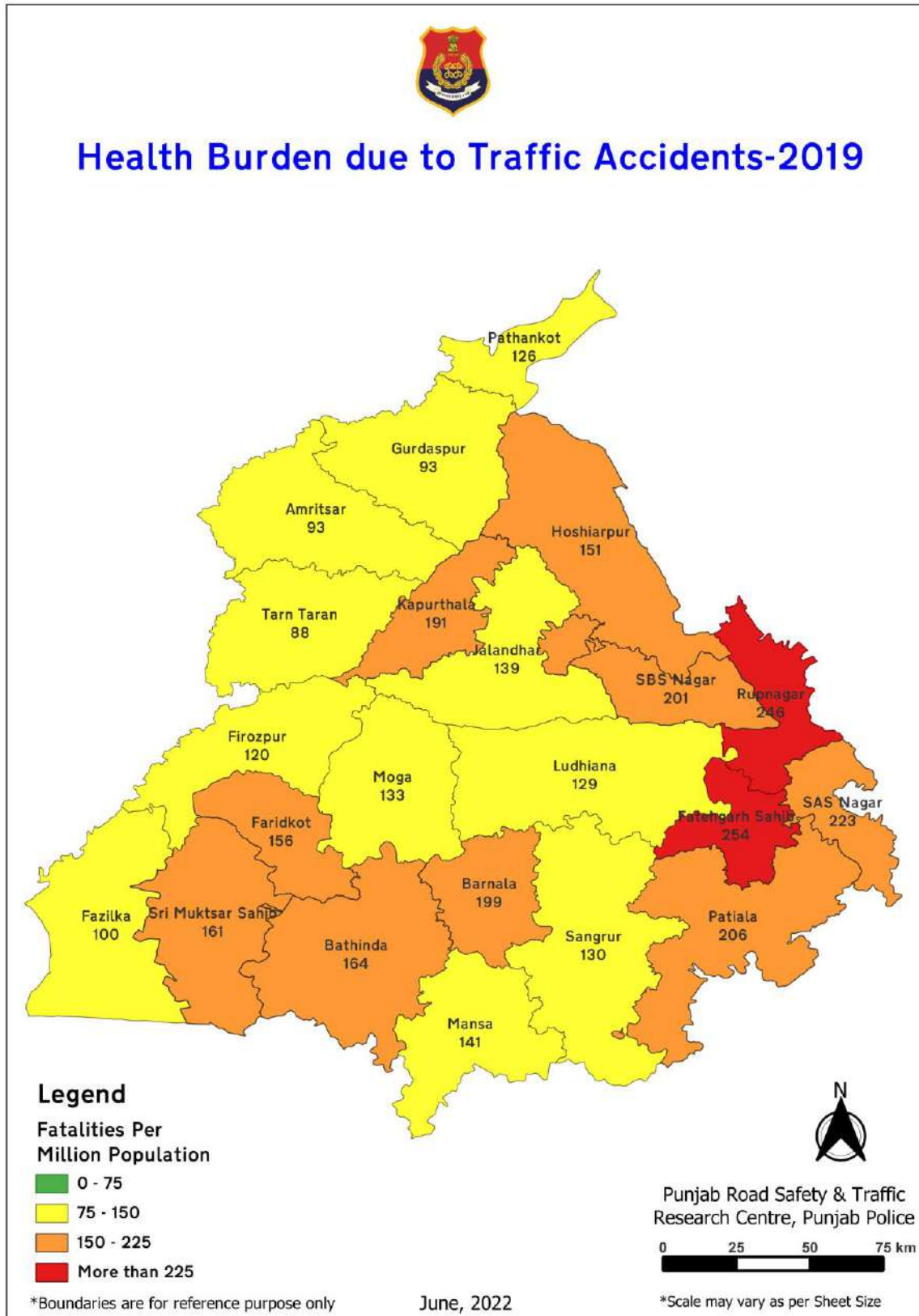


Figure 4: Health Burden Due to Traffic Accident Fatalities 2019

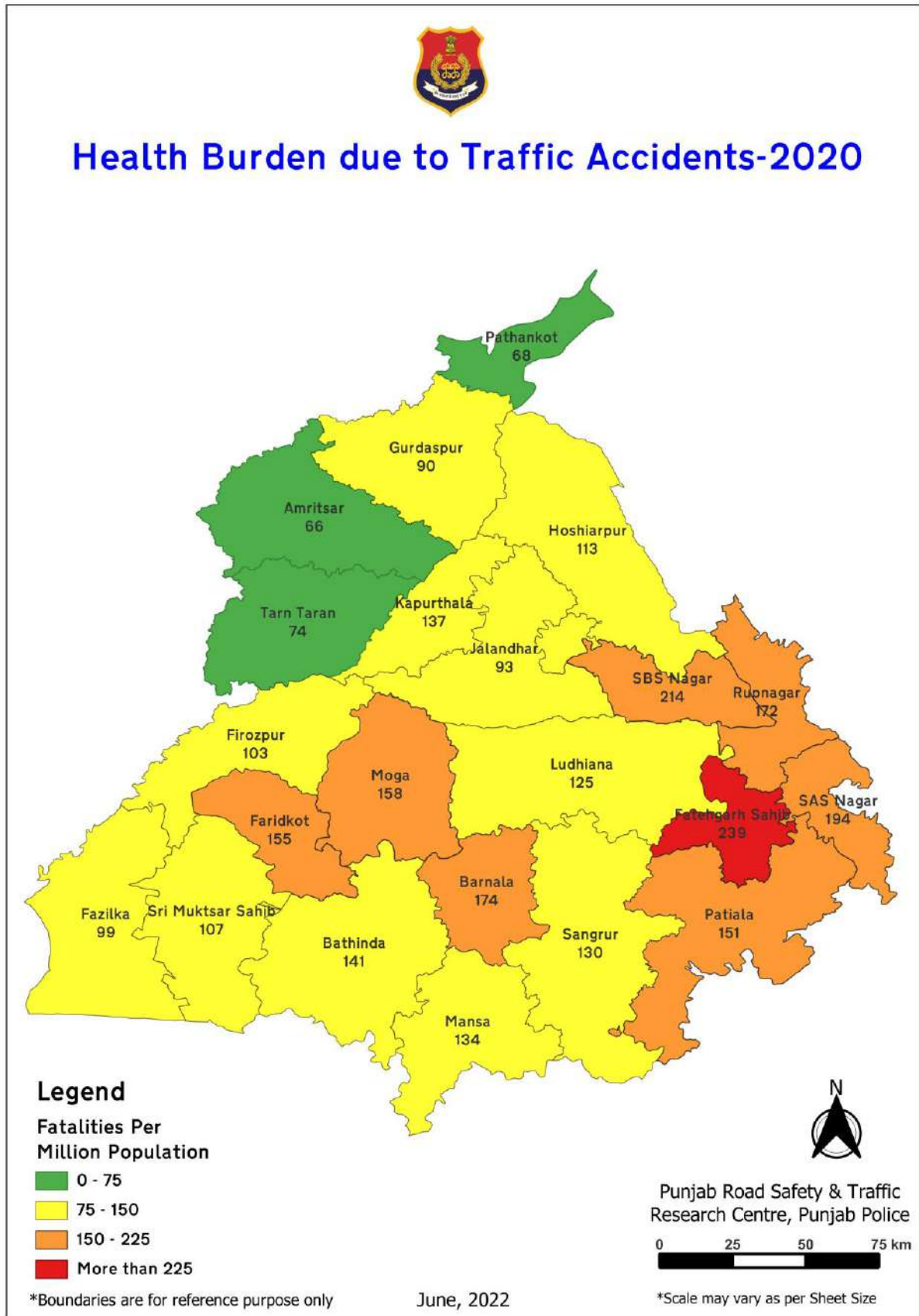


Figure 5: Health Burden Due to Traffic Accident Fatalities 2020

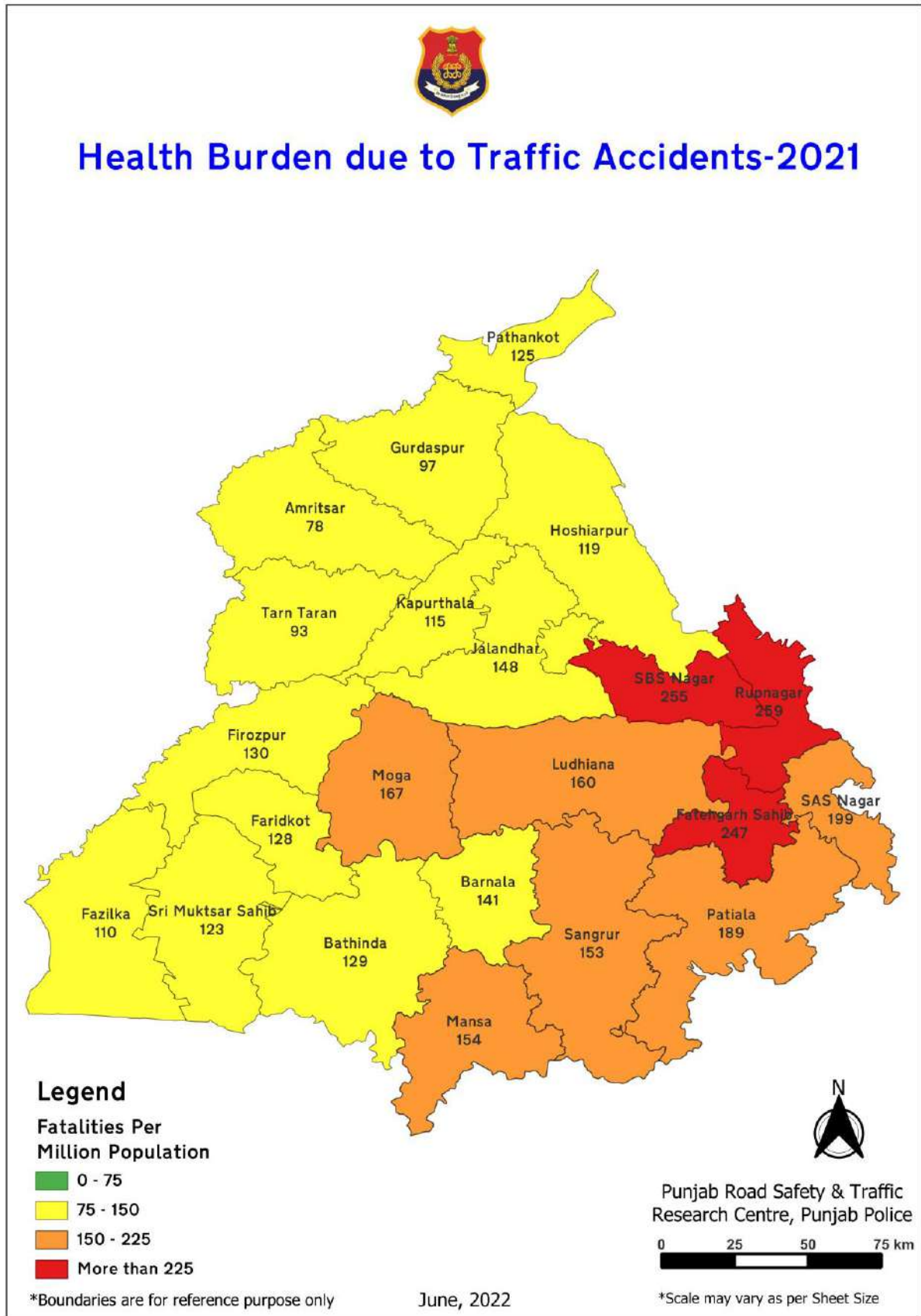


Figure 6 : Health Burden Due to Traffic Accident Fatalities 2021

1.6. District Ranking System

Following a decentralized approach, district-based ranking system using road accident fatalities against per million populations rate (Table 6), as an indicator, all 22 districts of Punjab are ranked from 1 to 22. Two out of three districts falling in Rupnagar Police range, namely Rupnagar and Fatehgarh Sahib are ranked at number 1 and 3 respectively whereas S.B.S. Nagar is ranked at number 2. Tarn-Taran and Amritsar amongst the safest in Punjab.

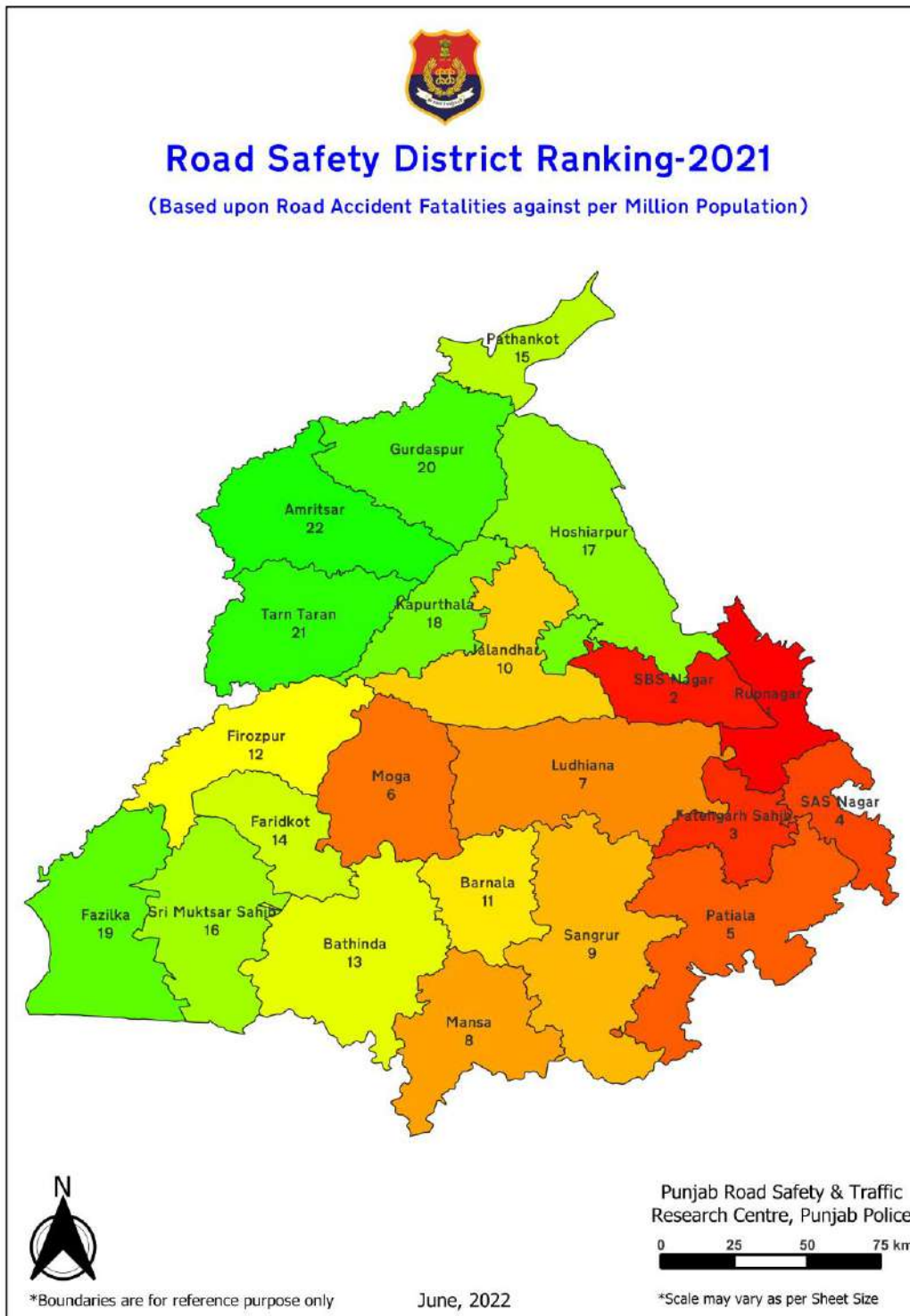


Figure 7 : District ranking map of Punjab based upon road accident fatalities against per million population rates

1.7. Indicators wise Comparison of Road Safety India with Punjab -2021

Table 7: Comparison of Road Safety Indicators India vs. Punjab

Head	India	Punjab
Total Road Network (km)	6,371,847 (As per NHA record)	75,889.41 (1.2% of country's total road network length)
The total length of National Highways(km)	1,40,995 (2.2% of total road network length)	3639.7 Kms (4.79% of the total road length within the state)
Road Accident Fatalities on National Highways	34.5%	42.3%
Total Motor Vehicles Registered	2,18,01,789 (2019) 1,66,56,567 (2020) 1,70,76,953 (2021) (+2.52%)	7,56,507 (2019) 5,13,816 (2020) 5,16,968(2021) (+0.22%)
Total Cumulative Registered Motor Vehicle till Dec 2021	26,43,99,580	1,21,72,176 (4.6% of India)
Total Area (sq.km)	32,87,240	50,362
Road length available per sq.km area	1.94	1.51
Total Estimated Population	1,312,241,000 (Year 2019) 1,326,155,000 (Year 2020) 1,393,409,038 (Year 2021)	3,09,73,363 (Year 2019) 3,14,11,917 (Year 2020) 3,18,57,528 (Year 2021)
Total road accident fatalities	1,51,113 (2019) 1,31,714 (2020) 1,55,622 (2021) (+18.15%)	4525 (Year 2019) 3898 (Year 2020) 4589 (Year 2021) (+17.7%)
Fatalities per million population (Health Burden due to traffic)	111 (2018)	146 (2019) 124 (2020) 144 (2021)
Gender Ratio (Involvement in Road Accidents)	-	-
Urban and Rural Locality Accidents	-	-

2. Detailed Analysis of Road Accidents in Punjab for the Year 2021

2.1. Month Wise Distribution of Total Road Accidents and Number of Persons Involved in Punjab 2021

Table 8: Month wise distribution of total road accident and number of persons Involved

Month	Type of Accidents				Number of persons involved				
	Fatal	Grievous Injury	Minor Injury	Non-Injury	Total Accidents	Killed	Grievous Injured	Minor Injured	Total
January	325	78	40	5	448	355	142	76	573
February	351	68	40	6	465	375	153	102	630
March	337	94	49	5	485	358	171	93	622
April	347	78	42	4	471	363	149	82	592
May	297	67	33	4	401	309	125	56	490
June	313	82	30	10	435	341	149	59	548
July	356	80	43	4	483	395	204	81	679
August	356	76	46	6	484	402	175	100	677
September	342	97	49	4	492	365	181	84	630
October	410	124	48	8	590	447	231	76	753
November	429	96	56	5	586	459	179	123	760
December	387	94	46	4	531	420	173	108	700
TOTAL	4250	1034	522	65	5871	4589	2032	1040	7654

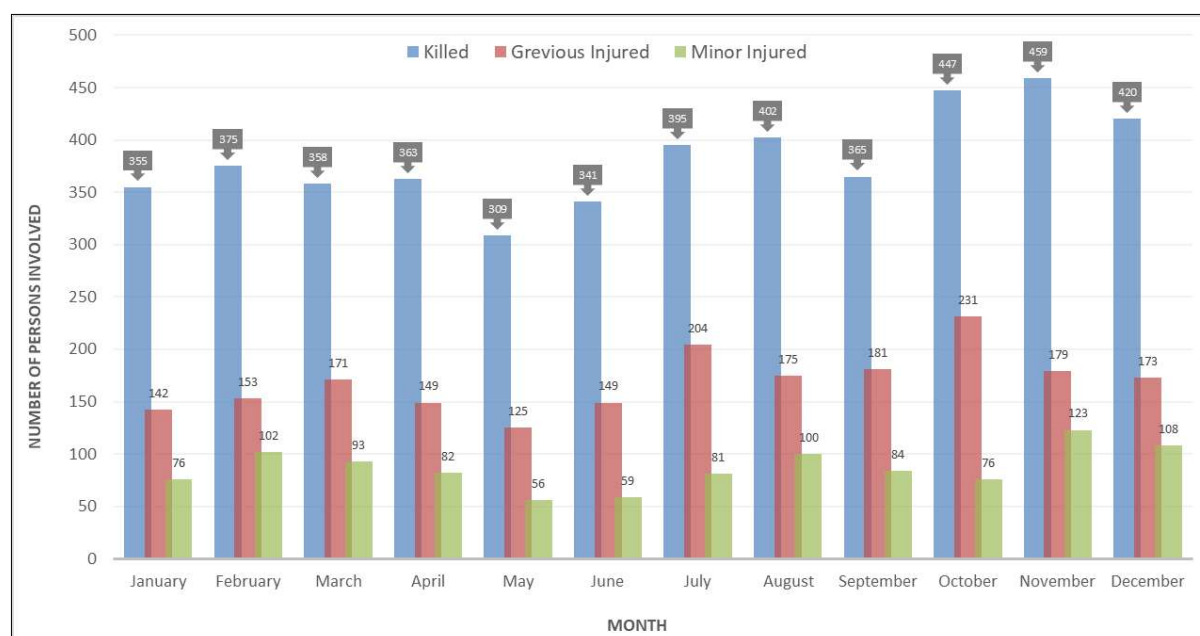


Figure 8: Month wise distribution of total road accidents and number of persons Involved

2.2. Road Accidents in Rural and Urban areas of Punjab-2021

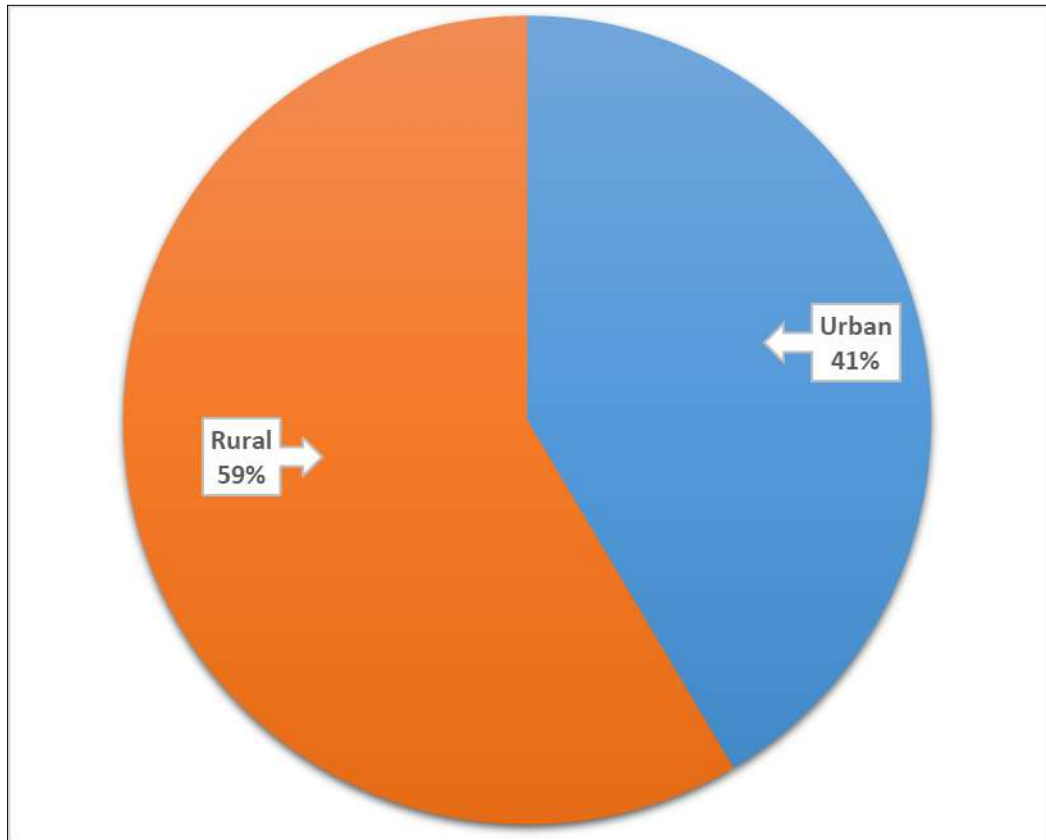


Figure 9: Area wise Distribution of Road Accidents in Punjab 2021

Location wise, out of 5871 road accidents reported, 2435 (41%) occurred in urban areas of Punjab and 3436 (59%) in rural areas of Punjab. Rural areas of Punjab have a higher concentration of road accidents compared with the urban area available versus the percentage of road accidents. Last year (2020) the percentage of road crashes in Urban areas share in road accident fatalities was 43%.

2.3. Time Wise Distribution of Total Road Accidents and Number of Persons Involved in Urban and Rural Areas of Punjab

Table 9: Time wise distribution of total road accidents and number of persons involved in urban areas

Time Slot	Urban Areas							
	Type of Accidents				Number of persons			
	Fatal	Grievous Injury	Minor Injury	Non Injury	Total Accidents	Killed	Grievously Injured	Minor Injured
06.00 to 9.00 hrs (Day)	166	54	29	5	254	174	78	48
09.00 to 12.00 hrs (Day)	164	68	38	7	277	175	101	60
12.00 to 15.00 hrs (Day)	165	61	23	6	255	176	106	40
15.00 to 18.00 hrs (Day)	261	63	34	9	367	282	111	74
18.00 to 21.00 hrs (Night)	362	82	61	9	514	388	134	106
21.00 to 24.00 hrs (Night)	221	63	38	6	328	241	130	81
00.00 to 3.00 hrs (Night)	101	31	25	2	159	111	63	43
03.00 to 6.00 hrs (Night)	103	39	24	3	169	110	62	39
Unknown Time	93	14	4	1	112	100	19	7
TOTAL	1636	475	276	48	2435	1757	804	498

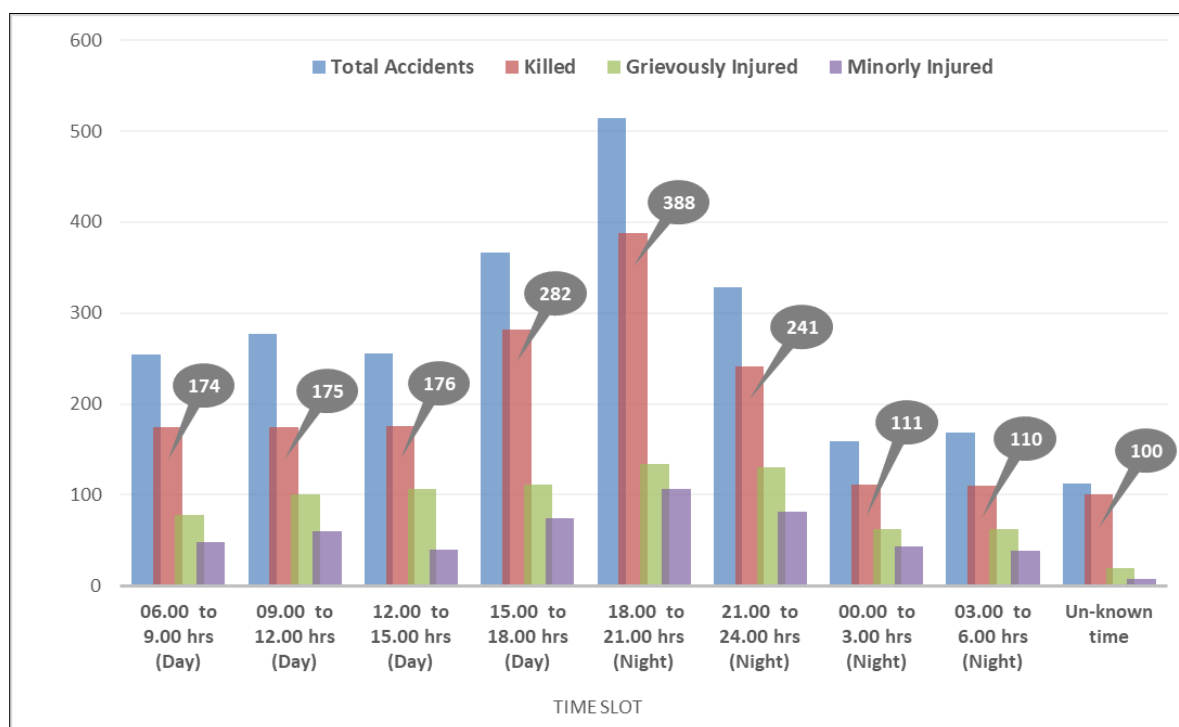


Figure 10: Time wise distribution of total road accidents and number of persons involved in urban areas

Table 10: Time wise distribution of total road accidents and number of persons involved in rural areas

Time Slot	Rural Areas							
	Type of Accidents				Number of persons			
	Fatal	Grievous Injury	Minor Injury	Non Injury	Total Accidents	Killed	Grievously Injured	Minor Injured
06.00 to 9.00 hrs (Day)	275	69	24	1	369	297	128	43
09.00 to 12.00 hrs (Day)	294	74	29	5	402	318	166	62
12.00 to 15.00 hrs (Day)	350	59	31	3	443	368	142	69
15.00 to 18.00 hrs (Day)	376	96	37	3	512	413	229	92
18.00 to 21.00 hrs (Night)	512	116	41	2	671	564	262	88
21.00 to 24.00 hrs (Night)	370	66	34	2	472	397	151	84
00.00 to 3.00 hrs (Night)	185	45	25	0	255	200	86	61
03.00 to 6.00 hrs (Night)	192	27	22	1	242	206	55	38
Unknown Time	60	7	3	0	70	69	9	5
TOTAL	2614	559	246	17	3436	2832	1228	542

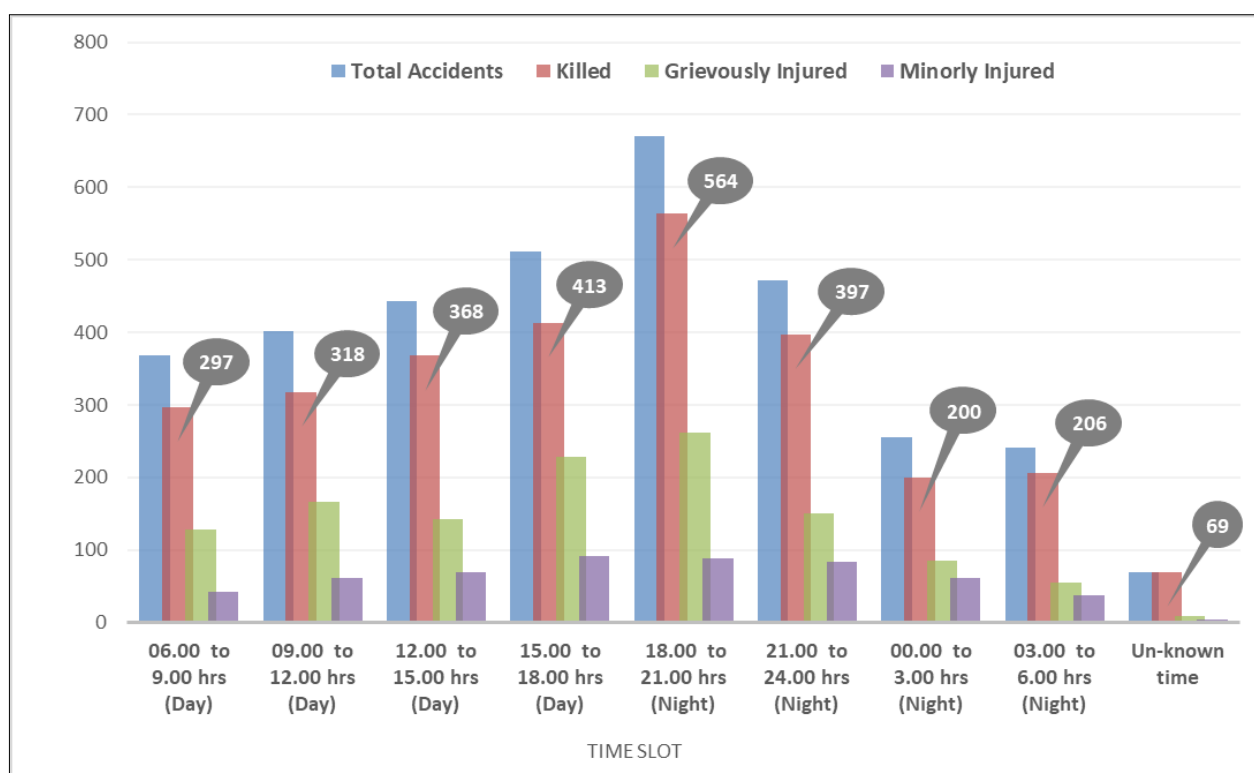


Figure 11: Time wise distribution of total road accidents and number of persons involved in rural areas

2.4. Time interval-wise distribution of Road Accident Fatalities

Table 11: Time interval-wise distribution of road accident fatalities in Punjab – 2021

Time Slot	6 AM to 9 AM	9 AM to 12 PM	12 PM to 3 PM	3 PM to 6 PM	6 PM to 9 PM	9 PM to 12AM	12AM to 3 AM	3 AM to 6 AM	Unkn own	Total
Number of Persons Killed	471	493	544	695	952	638	311	316	169	4589
Percentage (%)	10.3%	10.7%	11.9%	15.1%	20.7%	13.9%	6.8%	6.9%	3.7%	100.0%

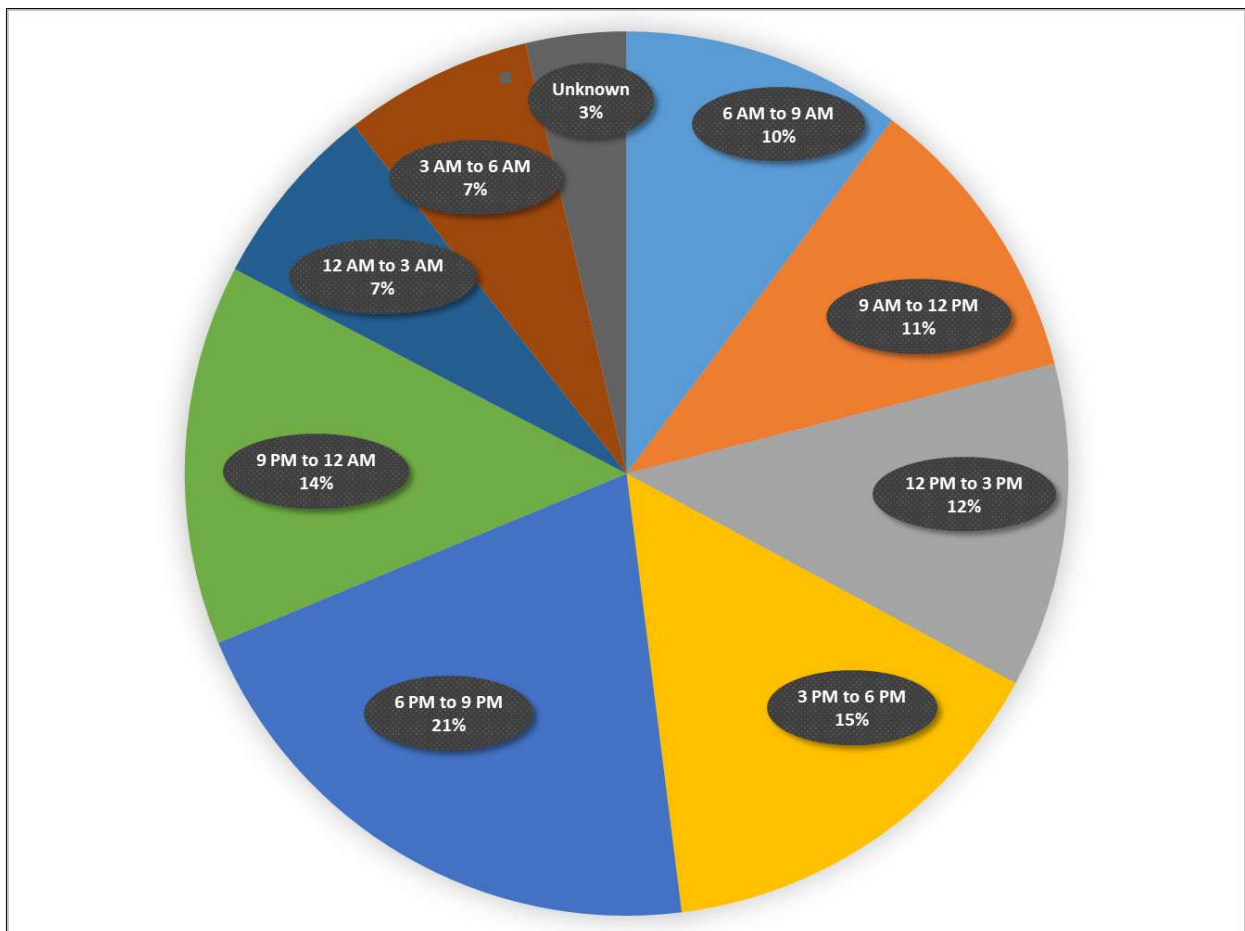


Figure 12: Time slot wise Road Accident Fatalities Distribution Pattern in Punjab – 2021

As per the time slot, wise distribution of total road accident fatalities in Punjab, the critical time slot for Punjab is between 6 PM to 9 PM in the evening. From midnight 12 AM to 9 AM, are relatively safer hours to travel. Special Zero tolerance enforcement drive is very essential in the evening time slot between 6 PM to 9 PM. It is required to do such analysis at each Police station level to plan enforcement strategy, as these time slots vary from Urban to Rural localities, Police station covering National and State Highways versus Police station covering rural road network, etc.

2.5. Gender and Age Wise Distribution of Road Accident Fatalities in Punjab-2021

Table 12: Gender and Age wise distribution of road accident fatalities

Gender	Less than 18	18 to 25 Years	25 to 35 Years	35 to 45 Years	45 to 60 Years	60 and above	Age not Known	Total	Percentage (%)
Male	147	964	893	794	632	327	74	3831	83%
Female	19	195	215	142	122	55	10	758	17%
Total	166	1159	1108	936	754	382	84	4589	100%
	4%	25%	24%	20%	16%	8%	2%	100%	

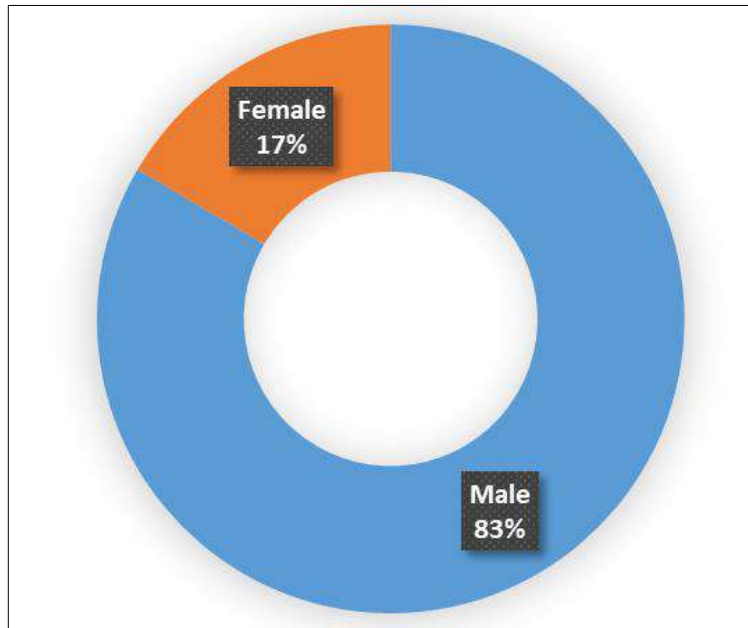


Figure 13: Gender wise distribution of road accident fatalities

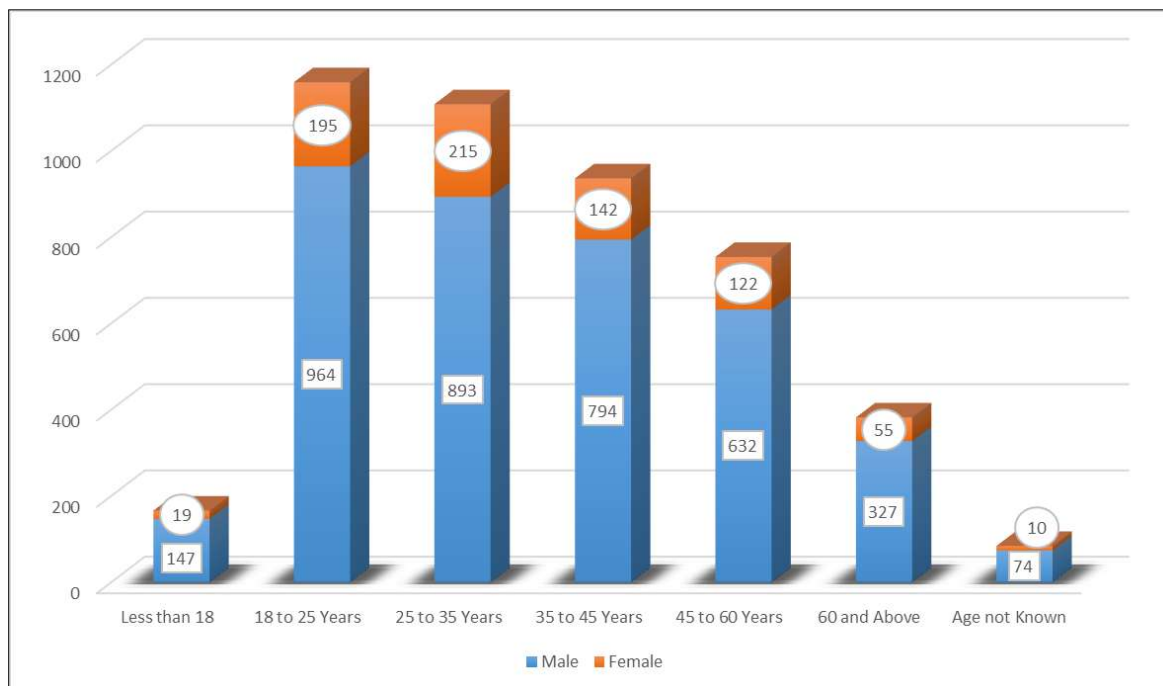


Figure 14: Age and gender distribution of road accident fatalities

3. Roads, Motor Vehicles and Road Accidents in Punjab

3.1. Road Infrastructure in Punjab

Punjab has about **75,889.41** km of road network comprising 3639.7 km of National Highways and 858.71 km of State Highways. The details of different classification wise length of Punjab State Road Network are given in Table 13 below. In the last five years, about 65-75% of the total road fatalities in Punjab occurred on the 5.6% of the core road network of Punjab comprising National and State Highways.

Table 13: Classification Wise Length of Road Network in Punjab⁶

Sr. No.	Road Classification	Road Length in Kilometre (Km)	Percentage (%) in Total Road Network of the State
1	National Highways (NHAI+PWD)	3639.7	4.80%
2	State Highways (SH)	858.71	1.13%
3	Major District Road (MDR)	1697	2.24%
4	Other District Roads (ODR)	4816	6.35%
5	Village Road/Link Roads	64878	85.49%
	Total Length (in Km)	75889.41	100.00%

Table 14: Share of Road Fatalities on National Highways and State Highways

Year	Total Road Accident Deaths	Accidental Deaths on National Highways (NH)	% Road Accident Deaths on NH of the Total	Accidental Deaths on State Highways (SH)	% Road Accident Deaths on SH of the Total	% Of Total Road Accident Deaths on NH+SH
2011	4931	1799	36.5%	1474	29.9%	66.4%
2012	4820	1552	32.2%	1559	32.3%	64.5%
2013	4588	1360	29.6%	1601	34.9%	64.5%
2014	4621	1482	32.1%	1194	25.8%	57.9%
2015	4893	1538	31.4%	1484	30.3%	61.8%
2016	5077	1495	29.4%	1584	31.2%	60.6%
2017	4463	1891	42.4%	1087	24.4%	66.7%
2018	4740	2085	44.0%	1418	30.0%	74.0%
2019	4525	1693	37.4%	1302	28.8%	66.2%
2020	3898	1438	36.9%	1112	28.5%	65.4%
2021	4589	1940	42.3%	1363	29.7%	72.0%

⁶ Source: [Public Works Department, Punjab \(pwdpunjab.gov.in\)](http://Public Works Department, Punjab (pwdpunjab.gov.in)) accessed on 09-09-2022

Table 15: Length (in Kilometres) of Various Types of Roads in Different Districts of Punjab

Sr. No.	District Name	National Highway (NH)	State Highway (SH)	Major District Roads (MDR)	Other District Roads (ODR)	Link Roads under PWD (Km)	Link Roads under Mandi Board (Km)	Total Road Length in District (Km)
1	Gurdaspur	0.00	0	218.28	387.77	3025.07	1694.66	5325.78
2	Pathankot	51.185	4.23	50.74	111.21	409.38	967.70	1594.45
3	Amritsar	0.00	0	155.48	191.89	1214.30	2788.04	4349.71
4	Tarn Taran	110.696	0	117.41	245.78	1537.07	1564.73	3575.69
5	Kapurthala	66.800	0	102.93	206.66	1211.06	708.31	2295.76
6	Jalandhar	53.430	0	123.94	227.05	1851.55	2063.73	4319.70
7	S.B.S. Nagar	2.100	14.05	44.18	116.75	-	2227.69	2404.77
8	Hoshiarpur	53.765	88	69.09	275.9	4498.71	-	4985.47
9	Rupnagar	39.720	0	67.26	165.81	1880.46	-	2153.25
10	S.A.S. Nagar	0.00	22.28	23.74	102.87	884.62	777.54	1811.05
11	Ludhiana		56.27	189.19	517.6	2181.02	3407.44	6351.52
12	Firozpur	101.231	95.03	38.85	125.8	1505.77	1324.42	3191.10
13	Fazilka	90.568	77.52	58.10	107.88	771.92	2169.29	3275.28
14	Faridkot	17.500	34.19	42.72	66.78	-	1533.50	1694.69
15	Shri Muktsar Sahib	121.920	32.87	44.31	413.66	278.80	3156.17	4047.73
16	Moga	72.300	32.32	0	155.5	1060.07	1537.44	2857.63
17	Bathinda	125.110	79.24	51.35	349.91	2931.06	-	3536.67
18	Mansa	109.980	15.34	30.45	68.12	-	2220.33	2444.22
19	Sangrur	79.480	109.87	174.02	475.79	2909.66	1488.82	5237.64
20	Barnala	14.950	26.16	28.51	91.57	880.07	605.91	1647.17
21	Patiala	0.00	132.94	73.38	342.49	1963.52	1752.23	4264.56
22	Fatehgarh Sahib		40.69	35.80	123.91	1885.82	-	2086.22

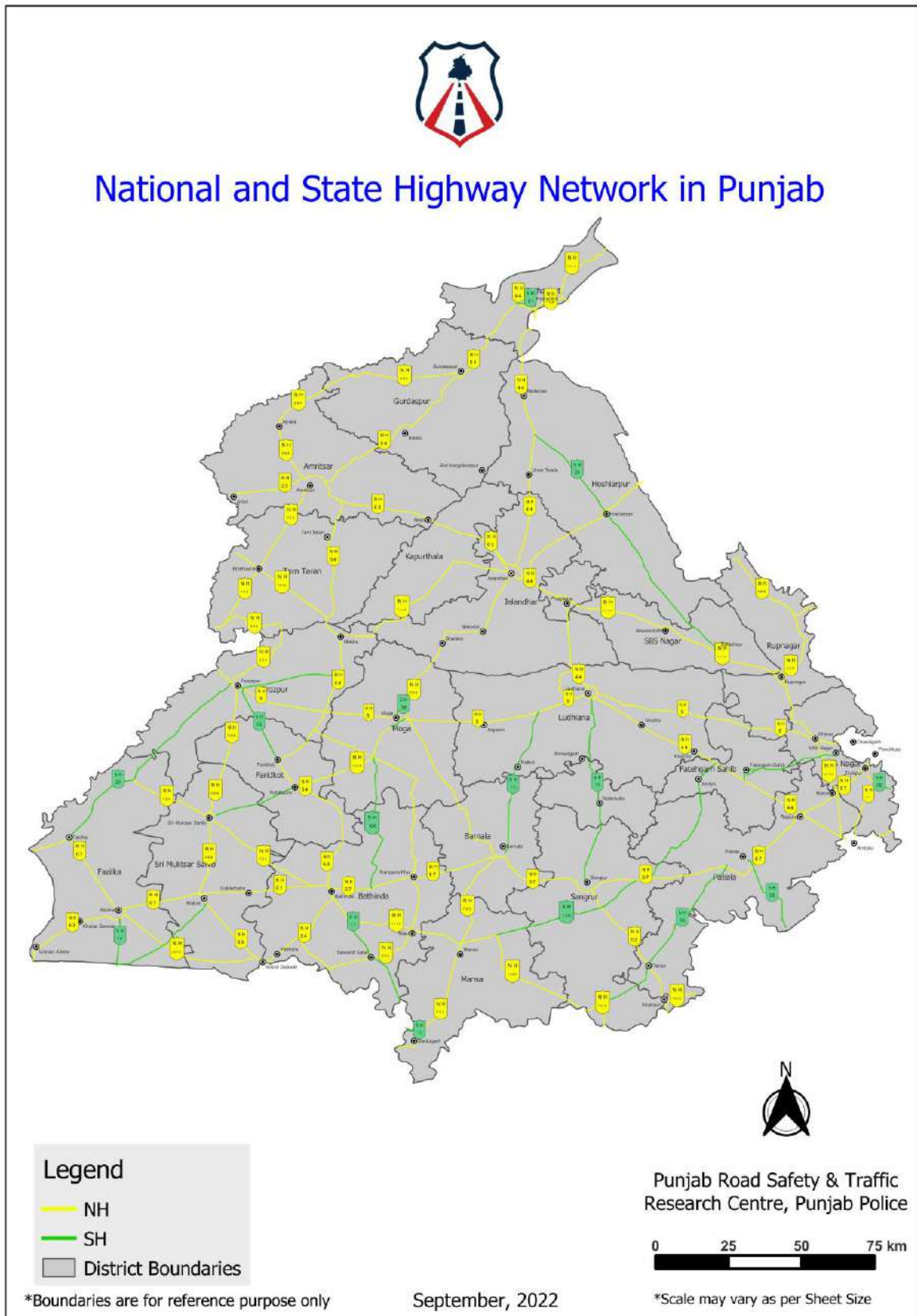


Figure 15 : Map of National and State Highways in Punjab

Note: Alignment and boundaries are for depiction purpose only, actual may vary

3.2. List of National Highways (NH) in Punjab

Table 16 : List of National Highways (NH) in Punjab

Sr. No.	NH No.	Route	Length (KM)
1	NH-3	Attari (starting point)-Amritsar-Jalandhar-Hoshiarpur- Kullu-Manali (upto Himachal Border) (Jalandhar-Hoshiarpur upto HP Km 118.465 to 177.00 with PWD)	177
2	NH-5	Ferozepur (starting Point) - Moga - Jagraon - Ludhiana - Kharar - Chandigarh - Kalka - Shimla upto HP Border (RD. 221.570 to 236.845= 15.275 Km in UT) (Hussiniwal to Ferozepur Km 0.00 to 17.97 with PWD)	223.25
3	NH-7	Sulemanka Border-Fazilka (starting point) - Abohar - Malout - Bathinda - Barnala - Sangrur - Patiala - Zirakpur - Panchkula - Paonta Sahib - Rishikesh - Ruderpurag-Manna upto Haryana (Sulemanka Border-Fazilka-Abohar Km 0.00 to 48.713 with PWD)	344.17
4	NH-9	Malout (starting point) - Dabwali -upto Haryana border	33.05
5	NH-44	Sri Nagar - Jammu - Pathankot - Mukerian - Jalandhar - Ludhiana - Rajpura - Delhi upto Shambu border	274.39
6	NH-52	Sangrur (Starting point) -Patran - Khanouri - Hissar upto Haryana border	56.84
7	NH-54	Pathankot (Starting point) - Amritsar - Zira - Faridkot - Bathinda - Dabwali upto junction with NH-9 (Amritsar-Bathinda-Jodhpur Rupana Km 112.575 to 299.065 with PWD)	327.65
8	NH-62	Abohar bypass (Starting point) - Saduwali- Sri Ganga Nagar upto Rajasthan border	32.37
9	NH-105-B	The highway starting from its junction with NH-5 near Dhillon Nagar (Moga), connecting Bagha Purana (NH-254) and terminating at its junction with NH-54 near Bajakhana in the State of Punjab.	49
10	NH-148-B	The highway starting from its junction with new NH-48 at Kotputli in the State of Rajasthan connecting Narnaul, Mahendergarh, Charkhi Dadri, Bhiwani, Hansi, Barwala, Tohana in the State of Haryana, Moonak-Jakhal-Budhlada-Bhikhi-Mansa and terminating at its junction with NH-54 near Bathinda	122.14
11	NH-148-BB	The highway starting from its junction with NH-148B near Moonak connecting Lehra Gaga and terminating at Sunam in the State of Punjab.	61.1
12	NH-152	Ambala-Zirakpur-Kalka Road upto Haryana border	30.99
13	NH-152-A	The highway starting from its junction with new NH-54 near Khanauri, Shergarh, Amo in the State of Punjab.	12
14	NH-154	Pathankot - Nurpur - Mandi (upto HP border)	11.97
15	NH-154-	The highway starting from its junction with NH-154 near Chakki, Dhar in the State of Punjab connecting Banikhet, Chamba and terminating at	39.36

Sr. No.	NH No.	Route	Length (KM)
	A	Bharmour in the State of Himachal Pradesh. (Km 0.00 to 39.360)	
16	NH-205	Kharar (Starting point) - Ropar - Kiratpur Sahib- Swarghat - Nauni- Shimla (upto HP border)	65.6
17	NH-205-A	The highway starting from its junction with NH-5 at Kharar connecting Banur and terminating at its junction with NH-44 at Tepla in the State of Punjab.	39.53
18	NH-254	The highway starting from its junction with NH-54 at Mudki connecting Baghapurana, Salabatpura, Rampura, Maur, Takth Sri Damdama Sahib in the State of Punjab and terminating at its junction with NH-54 near Dabwali in the State of Haryana.	155.17
19	NH-344	Ambala-Naraingarh-Paunta Sahib road Km. 9.230 to 13.750	4.52
20	NH-344-A	Phagwara bypass, Banga, Nawanshahr, Balachaur- Ropar (Ropar city portion Km 81.900 to 88.00 with PWD)	88
21	NH-344-B	The highway starting from its junction with NH-44 at Phagwara and terminating at its junction with NH-3 at Hoshiarpur in the State of Punjab.	35
22	NH-354	The highway starting from its junction with NH-54 near Gurdaspur connecting Derababa Nanak, Ramdas, Ajnala, Amritsar (NH-3), Chabal Kalan, Bhikhiwind, Amarkot, Khem Karan (Indo-Pak Border) Arifke, Ferozepur (NH-5), Sadiq, Sri Muktsar Sahib (NH-754), Rupana and terminating at its junction with NH-7	305.39
23	NH-354-B	The highway starting from its junction with NH-354 near Dera Baba Nanak and termination at Indo-Pak Border in the State of Punjab.	6
24	NH-354-E	The highway starting from its junction with NH-09 near Dabwali connecting Sito Gunno and terminating near Abohar on NH-07	50.88
25	NH-503-A	Amritsar-Mehta-Sri Hargobindpur-Tanda- Hoshiarpur in the State of Punjab (RD. 8.27 to 135.040)	126.77
26	NH-503 Extn.	The highway starting from its junction with NH-3 near Mubarakpur connecting Amb, Una, Dehlan in the State of Himachal Pradesh, Anandpur Sahib, Kiratpur Sahib and terminating at its junction with NH-205.	35.72
27	NH-703	Jalandhar (Starting point) - Nakodar - Moga - Barnala , Handiaya, Mansa, Jhunir in the State of Punjab, Sardulgarh and terminating at its junction with new NH-9 near Sirsa in the State of Haryana. (Km 0.00 to 12.00 & Km 149.00 to 234.720 with PWD)	234.72
28	NH-703-A	The highway starting from its junction with new NH-3 near Jalandhar connecting Kapurthala, Sultanpur Lodhi, Pindi, Makhu, Mallanwala and terminating at its junction with New NH-354 near Arifke	101.18
29	NH-703-B	The highway starting from its junction with NH-703 near Moga connecting Harike and terminating at Khalra in the State of Punjab. {RD 0.00 to 86.236 (RD 33.611 to 44.680 is overlap)}	75.16

Sr. No.	NH No.	Route	Length (KM)
30	NH-754	The highway starting from its junction with new NH-54 near Bathinda connecting Muktsar and terminating at Jalalabad in the State of Punjab	74.49
31	NH-703-AA	The highway starting from its junction with NH-703A near Kapurthala connecting Gonidwal Sahib and terminating at its junction with NH-54 near Tarantarn in the State of Punjab.	50.25
32	503D	The highways starting from its junction with NH-03 near Beas connecting Baba Bakala, Mehta (on NH-503A), Batala (on NH-54) and terminating at its junction with NH-354 near Dera Baba Nanak in the State of Punjab.	66
33	754A	"The highway starting from its junction with new NH-54 near Sangat Kalan (Bathinda), connecting Kot Shamir, Lehra Mohabat, Dyalpura, Dharamkot and terminating at its junction with NE-5A near village Tiba (Sultanpur Lodhi) in the State of Punjab."	155
34	754A D	The highway starting from its junction with new NH-754A near Rampura Phul (Bathinda), connecting Raikot, Halwara and terminating at its junction with NE-5 near village Ballowal (Ludhiana) in the State of Punjab.	45
35	205K	"The highway starting from its junction with NH-205 near Bheora village (Rupnagar) connecting, Chamkaur Sahib, Samrala, Machhiwara, Bankar, Dhanansu, Mattewara and terminating at its junction with NE-5 near village Manewal (Ludhiana) including spur starting near village Pippal Majra (Chamkaur Sahib)	130
		Total length of National Highway in the state of Punjab (NHAI + PWD)	3639.7 Kms

3.3. List of State Highways (SH) in Punjab

Table 17 : List of State Highways (SH) in the State

SH Number	Road Name of the State Highways	Length (in Kms)
SH-08	Patiala Pehowa Road	32.11
SH-09	Derabassi Barwala Road	7.93
SH-1	Old Pathankot Kullu Road Sec Malikpur Chowk to Dalhousie Bypass Excluding Mc Portion	4.24
SH-10	Rajpura Patiala Road (Sec Gagan Chowk to Liberty Chowk)	4.68
SH-10	Patran Moonak Tohana Road	22.57
SH-10	Patiala Samana Patran Road	48.53
SH-11	Ludhiana To Malerkotla	43.76
SH-11	Malerkotla Dhuri Sangrur Road	31.68
SH-12A	Chunni Landran Mohali Road	37.25
SH-12A	Bhawanigarh-Nabha - Gobindgarh Road	55.21
SH-12A	Bhawanigarh Sunam Bhikhi Road	53.31
SH-12B	Jesus Saviour School to Village Bhaironpur Sirhind Chunni Road	4.4
SH-13	Dakha Halwara Raikot Barnala Mansa Sangrur Sirsa Road (Sec. Dakha to Ludhiana Distt. Boundary)	57.86
SH-14	Abohar Hanumangarh Road	21.28
SH-15	Faridkot Ferozepur Road	30.26
SH-16	Moga Kotkapura Road City Portion	3.81
SH-16	Kotkapura Shri Muktsar Sahib Road	32
SH-16	Moga Kotkapura Road	4.69
SH-16	Malout Sri Ganga Nagar Road.	40.61
SH-16A	Baghapurana Bhagta Nathana Bhucho Road	38.1
SH-16A	Baghapurana Nithana Road	17.78
SH-17	Roro Sardulewala Road	3.09
SH-17	Bathinda Talwandi Sabo Rori Sardulgarh Road	37.21
SH-19	Moga Harike Road	4.75
SH-20	Zira Ferozepur Jalalabad Fazilka	119.52
SH-24	Balachaur Garhshankar Hoshiarpur Dasuya Road	102.08
Total	Total Length of State Highways in Punjab	858.71 Kms

3.4. List of Major District Roads (MDR) in Punjab

Table 18 : List of Major District Roads (MDR) in the State

MDR Number	Road Name of the Major District Roads	Length (in Kms)
MDR-18	Ratiya Sardulgarh Road	9.18
MDR-20	Bhikhi Budhlada Ratiya Road	21.28
MDR-21	Sangrur To Sunam Via Sibian Tung Road	11.5
MDR-25	Patiala Ghula Cheeka Road	26.23
MDR-31	Patial Sirhind Road	81.36
MDR-31	Sirhind Morinda Road	2.96
MDR-32	Circular Road Nabha	55.92
MDR-32	Circular Road Nabha (Sec- Grid Chowk to Hathimatha Chowk)	1.65
MDR-32	Nabha To District Boundary Patiala Near Galwatti	11.68
MDR-32	Patiala Nabha Road	6.08
MDR-33	Malerkotla Jarg Khana Road	42.08
MDR-40	Malout Fazilka Road	49.19
MDR-42	Salabatpura-Rampura-Maur Road	2.13
MDR-43	Pakhoke Bhadour Bajakhana	55.88
MDR-43	Baja Khana Jaitu Road	9.38
MDR-46	Faridkot Sadiq Deep Singh Wala Gurharsahai Golu Ka Mour	49.04
MDR-46	Faridkot Sadiq Deepsingh Wala	29.26
MDR-47	Kapurthala To Subhanpur Road	52.18
MDR-48	Kartarpur To Kapurthala Road	76.11
MDR-49	Fattudhinga To Sultanpur	17.13
MDR-50	Jagraon To District Boundary Near Raipur Gujran	35.24
MDR-51	Malerkotla Kalsian Road	58.52
MDR-53	Khanna Samrala Machhiwara Rahon Road	60.88
MDR-54	Ludhiana Rahon Road	25.47
MDR-55	Ropar Nurpur Bedi Road	63.12
MDR-59	Anandpur Sahib To Nurpur Bedi Road Upto Jhaji Chowk	11.7
MDR-61	Attari Chabaal Tarn Taran Goindwal Kapurthala	87.45
MDR-62	Taran Taran Patti Khem Karan	49
MDR-63	Attari Fatehgarh Churian Road Via Ajnala Chogawan	117.58
MDR-64	Majitha Fatehgarh Churian Road	26.7
MDR-64	Amritsar Majitha Section Fatehgarh Churian Dera Baba Nanak Road	47.04
MDR-65	Amritsar Chogawan Ranian Road	35.3
MDR-67A	Shri Hargobindpur Khanuwan Gurdaspur Trimmu Road (Sec Gurdaspur Shri Hargobindpur)	37.38
MDR-67B	Gurdaspur Trimmu Road	14.27
MDR-68A	Dera Baba Nanak Gurdaspur Mukerian Road (Sec. Gurdaspur Naushera)	17.18
MDR-68B	Dera Baba Nanak Gurdaspur Mukerian	6.85
MDR-69	Mukerian Talwara Mubarikpur Road	23.84
MDR-72	Sangrur Bypass Road	5.32
MDR-73	Bathinda Ghudda Badal Kheowali Road	26.67
MDR-74	Dunera Saliali Lahroon Gall Road	11.95

MDR Number	Road Name of the Major District Roads	Length (in Kms)
MDR-75B	Makhu Wakha Road	28.15
MDR-76	Nh 64 To Sh 11 Via Bhindran Deh Kalan Bahadur Singh Wala.	15.78
MDR-77	Nh 64 (Jheomajra) To Nh 71 (Sullar Gharat Via Balwar Kalan Gharachon Sangheri Akbarpur Bijalpur Gujjaran)	28.68
MDR-78	Jhourepul To Babanpur Bridge Along Canal	26.37
MDR-79	Malsian Lohian Road	11.52
MDR-80	Cheema Kot Budha Road	19.88
MDR-82	Jalandhar Jandiala Nurmahal Talwan Road	30.73
MDR-83	Periodical Renewal of Bharatgarh Kakrala to Nawa Groan (Sec Old Nh-21 Near Bara Pind)	3.57
MDR-84	Rajia Phander Kot Duna	9.97
MDR-85	Nh 71 To Rogla Via Sullar Dhandoli Kalan Chhahar	15.68
MDR-86	Patti Sirhali Road	11.65
MDR-87	Reru To Dhogri to Alawalpur	9.51
MDR-88	Sunam Lehra Road To Kaurian Via Dialpura Bhaike Pishour	12.14
MDR-89	Beas To Dera Baba Jaimal Singh Sathiala Butala Kartarpur Road	31.68
MDR-90	Machhiwara Rahon Road to Kohara Sahnewal Dehlon Pakhowal to Dhaka Halwara Raikot Road	70.01
Total	Total Length of Major District Roads in Punjab	1697 Kms

3.5. Toll Roads Network in Punjab

Out of a total 6195.41 Km length of National Highways (NH), State Highways (SH) and Major District Roads (MDR) in the state, **2302.82** km falls under toll roads, out of which 1586.018 km are National Highways and 716.802 km are comprising of National Highways, State Highways, Major District Roads and Other District Roads are also covered under Toll Roads falling in the jurisdiction PWD Punjab. The state has total 46 operational toll plazas, out of which 32 are on National Highways and 12 are on State Highways, 4 are on Major District Roads, 2 are on Other District Roads and 4 are on National Highway falling under the jurisdiction of PWD Punjab. Details of Toll Roads Network and location of Toll Plazas are given in Table 19 and Table 20 next.

Table 19 : Toll Plaza on National Highways in Punjab

S. No	PIU	State	Section	Kms. of Tollable Reach	Length as per Tollable Reach	NH Number	Length in Kms	Toll Plaza Location
1	Patiala	Punjab	4 Lane Patiala Bypass from Km 50.00 to Km 64.57 4 Lane from Patiala Bypass to start of Sangrur bypass Km 64.57 to Km 106.17	Km 50.000 - Km 106.170	56.170	07	60.720	Kalajhar at Km 85+950
2	Patiala	Punjab	4 Lane Sangrur bypass from Km 106.170 to Km 116.950 4 Lane Sangrur bypass to Tapa Section NH-7 Km 116.950 to 138.030 & Km 142.950 to 168.00	Km 106.170 to Km 116.950 & Km 116.950 to Km 138.030 & Km 142.950 to Km 168.00	56.910	07	64.00	Badbar at Km 139+720
3	Bathinda	Punjab	Tapa-Bathinda	Km 175.00 to Km 216.350)-Ph-IV	41.350	07	46.910	Lehrabega at Km 199+929

S. No	PIU	State	Section	Kms. of Tollable Reach	Length as per Tollable Reach	NH Number	Length in Kms	Toll Plaza Location
4	Patiala	Punjab	4 Lane Sangrur to Dogal Kalan section & 4 Lane Dogal Kalan to Pb/Hr border	Km. 181.805 to Km 211.450 & Km 211.450 to Km 238.819	57.014	52	57.014	Pained at Km 227+138
5	Bathinda	Punjab	Faridkot-Kot Kapura-Bathinda	Km 221.380 to Km 287.615	66.235	54	66.235	Zidda at Km 267+488
6	Amritsar	Punjab	Amritsar-Wagah Border	Km 456.100 - Km 492.030	35.930	03	35.930	Chhidan at Km 479+868
7	Bathinda	Punjab	Amritsar-Tarn Taran-Harike	Km 112.575- Km 166.925	54.350	54	54.350	Usma at Km 138+140
8	Bathinda	Punjab	Harike-Zira-Faridkot	Km 166.925 to Km 221.380	54.455	54	54.455	Kot karor kalan at Km 205+000
9	Jalandhar	Punjab	Jalandhar-Punjab/J&K border	Km 4.230 to Km 117.750 &	65.770	44	65.770	Chollang at km 34+500
10	Jalandhar	Punjab		Km 4.000 to Km 16.350	60.098	44	60.098	Harsamansar at Km 84+500
11	Amritsar	Punjab	Jalandhar - Amritsar	Km 407.100 - Km 456.100	49.000	03	49.000	Dhilwa at Km 410.140
12	Amritsar	Punjab						Nizzarpura at Km 446+960
13	Amritsar	Punjab	Amritsar-Pathankot	Km 6.082 - Km 108.502	102.420	54	102.420	Ladpalwan at Km 16+000

S. No	PIU	State	Section	Kms. of Tollable Reach	Length as per Tollable Reach	NH Number	Length in Kms	Toll Plaza Location
14	Amritsar	Punjab						Waryamnangal at Km 88+500
15	Jalandhar	Punjab	Lambra-Shahkot-Moga-barnala	Km 12.000 to 77.200	65.200	703	65.200	Chak Bamniya at Km 50+835
16	Jalandhar	Punjab	Phagwara-Rupnagar	Km.0.00 to 40.410	40.410	344A	40.410	Behram at Km 15+300
17	Jalandhar	Punjab	Phagwara-Rupnagar	Km.40.410 to 80.820	40.410	344A	40.410	Bachuan at Km 70+240
18	Ambala	Punjab	Khanna-Jalandhar	Km 272 - km 372	100.000	44	115.100	Lodowal at Km 328+050
19	Ambala	Punjab	Shambhu - Khanna	Km. 211.700 to Km. 272.000	60.300	44	60.300	
20	Chandigarh	Punjab	Ambala-Zirakpur	Km 5.735 to Km 39.960 Km	34.225	152	34.225	Dappar at Km 23+100
21	Chandigarh	Punjab	Kurali-Kiratpur	Km 28.600 to Km 73.200	44.600	205	44.600	Behrampur at Km 35+000
22	Patiala	Punjab	Zirakpur-Patiala	Km. 0.000 to Km 28.110	50.000	07	28.110	Azizpur at km 9+120
23	Patiala	Punjab	Zirakpur-Patiala	Km. 28.110 to Km 50.000		07	21.890	Dhareri Jattan at km 42+600
24	Chandigarh	Punjab	Kharar-Ludhiana	Km. 10.185 to Km. 86.199	76.014	05	76.014	Bhago Majra at Km 12+070

S. No	PIU	State	Section	Kms. of Tollable Reach	Length as per Tollable Reach	NH Number	Length in Kms	Toll Plaza Location
25	Chandigarh	Punjab	Kharar-Ludhiana	Km. 10.185 to Km. 86.199		05		Ghulal at Km 60+000
26	Ludhiana	Punjab	Ludhiana-Talwandi	Km.92.000 to Km.170.00	78.000	05	78.000	Gurhe at Km 104+850
27	Ludhiana	Punjab	Ladowal Bypass	Km 0.000 to Km 17.041	17.041	NA	17.041	Chahar at Km 12+200
28	Amritsar	Punjab	Amritsar-Khemkaran	Km 22.673 to Km 71.496	48.823	354	48.823	Manan at Km 70+800
29	Bathinda	Punjab	Maur-Romana Mandi	Km 82.400 to Km 132.300	49.900	254	49.900	Shekhpura at Km 117.22
30	Bathinda	Punjab	Abohar to Sito gunno	Km 0 to Km 50.885	50.885	354E	50.885	Kala Tibba at Km 45.660
31	Bathinda	Punjab	Bathinda-Malout	Km 0 to Km 38.664	38.664	07	38.664	Baluana at Km 11.950
32	Ludhiana	Punjab	Moga-Tallewal-Barnala	Km 77.220 to Km 149.000	68.290	703	68.290	Jagjitpura at Km 137.450
33	Ludhiana	Punjab	Talwandi Bhai to Ferozpur	Km 170.380 to Km 194.040	23.554	05	23.554	Ferozshah at Km 183.730
Total Length of Toll Road in the state of Punjab					1586.018 Km			32

Table 20 : Toll Plaza on National Highways, State Highways, Major District Roads and Other District Roads under PWD Punjab

Sr. No.	Name of Road	Toll able Road Length	Road Classification	Nearby Toll Plaza Village/Town	PWD Kilometer Chainage of Toll Plaza	Administrative District
1	Kiratpur Sahib - Anandpur Sahib – Una (NH-503 Extension)	35.72	National Highway Extension	Kotla Nakkian	32.50	Rupnagar (Ropar)
2	Balachor-Hoshiarpur-Dasuha (SH-24)	104.96	State Highway	Majri Tull	36.88	SBS Nagar
				Chabewal	87.85	Hoshiarpur
				Mangarh	135.00	Hoshiarpur
3	Hoshiarpur Tanda (NH-503A)	29.90	National Highway	Lachowal	102.00	Hoshiarpur
4	Morinda Kurali Siswan (MDR-31)	29.66	Major District Road	Baraudi	14.50	SAS Nagar
5	Bhiwanigarh Nabha Gobindgarh (SH-12A)	55.42	State Highway	Majhi	3.30	Sangrur
				Gobindgarh Nabha	40.98	Fatehgarh Sahib
6	Dakha Raikot Barnala (SH-13)	57.94	State Highway	Raqba	5.04	Ludhiana
				Mehal Kalan	35.40	Barnala
7	Patiala Samana Patran (SH-10)	48.60	State Highway	Asarpur Chupki	90.25	Patiala
8	Jagraon Nakodar Road (MDR-50)	39.90	Major District Road	Bitlan	19.36	Jalandhar
9	Fazilka-Ferozpur (SH-20)	84.43	State Highway	The kalandar	77.00	Fazilka
				Mahmu Joyia	44.00	Ferozpur
10	Moga Kotkapura Road (NH-105B)	47.70	National Highway	Chandpurana	11.57	Moga
11	Patiala-Malerkotla Road (MDR-32)	55.77	Major District Road	Kalyan	9.73	Patiala
				Mahorana	45.20	Sangrur
12	High Level Bridge on Satluj at Makhu (NH-54)	0.70	National Highway	Gidderpindi	at Site	Jalandhar/Ferozpur

Sr. No.	Name of Road	Toll able Road Length	Road Classification	Nearby Toll Plaza Village/Town	PWD Kilometer Chainage of Toll Plaza	Administrative District
13	Ludhiana Malerkotla Sangrur Road (SH-11)	71.352	State Highway	Ladda	-	Sangrur
				Lehra	-	Ludhiana
14	Ropar Chamkaur Sahib Neelon Doraha Along Sirhand Canal (ODR-18,22,25)	54.75	Other District Road	Machiwara	8.20	Ludhiana
				Neelon	46.50	Ludhiana
Total Length of Tollable NH, SH, MDR and ODR under PWD Punjab (Km)		716.802	Total Number of Toll Plaza Operational on NH, SH, MDR and ODR under PWD Punjab		22 Nos.	

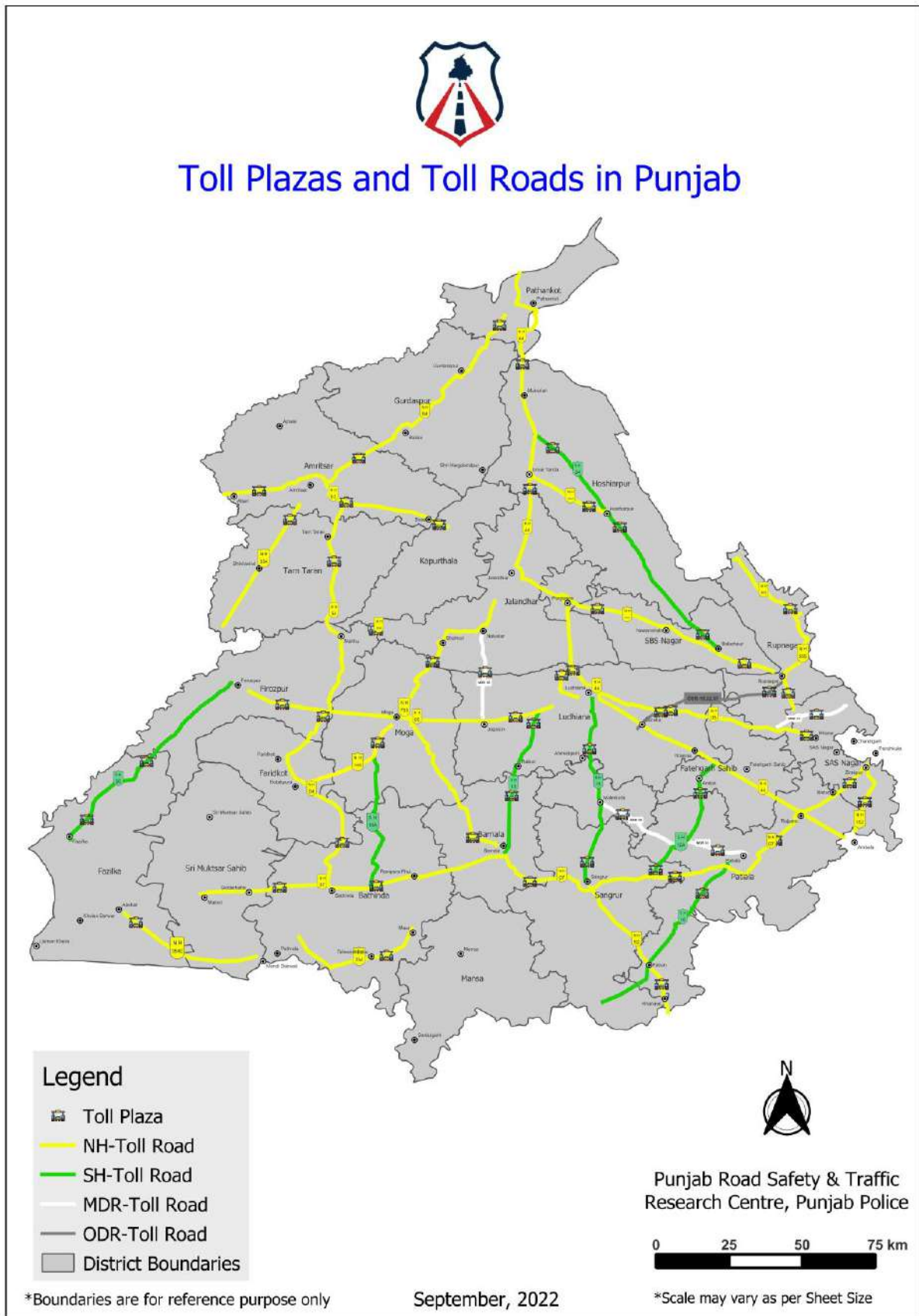


Figure 16: Locations of Various Operational Toll Roads and Toll Plazas in Punjab

4. Motor Vehicles in Punjab

4.1. Number of Registered Motor Vehicles in Punjab

As per available data with Transportation Department Punjab and Ministry of Road Transport and Highways, Government of India, the total cumulative numbers of a registered motor vehicle in Punjab were 1,21,72,176 till December 2021, with an annual growth rate of +0.22%. In the year 2021, a total 5,16,968 motor vehicle registered in Punjab out of which 69% (3,58,353) were two wheelers and 26% (1,36,719) were Car/Jeep/Van/Taxi. At the same time a total 1,69,89,356 motor vehicles were registered in India against 5,16,968 of Punjab i.e., 3.04% of the total country's motor vehicles registered in Punjab in the year 2021.

Table 21 : Year-wise total registered vehicles in Punjab

Years	Total Registered Vehicle	Cumulative Number of Registered Motor Vehicles in Punjab	Growth Rate
2021	5,16,968	1,21,72,176	+0.22%
2020	5,13,816	1,16,53,188	-32.08%
2019 ⁷	7,56,481	1,11,39,372	-9.52%
2018	8,36,082	103,82,891	0.47%
2017	8,32,190	95,46,809	8.14%
2016	7,69,520	87,14,619	-
Previous Total	79,45,099		

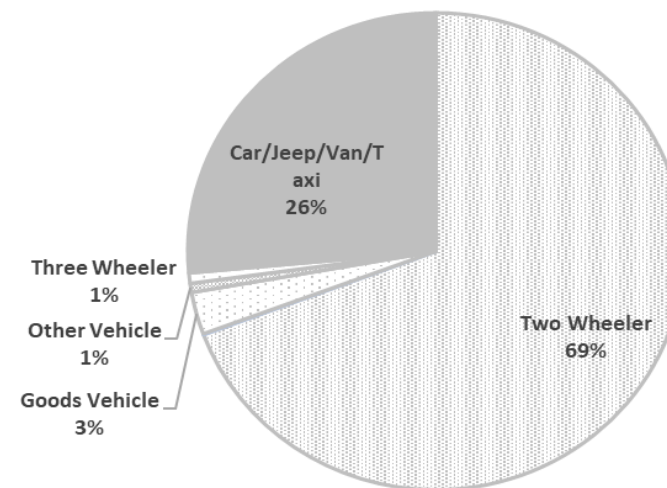


Figure 17 : Percentage Share of Registered Motor Vehicles in Punjab (2021)

⁷ <https://vahan.parivahan.gov.in/vahan4dashboard/> accessed on 22nd August 2022

5. Punjab Traffic Police Strength: Manpower and Highway Patrol

5.1. Punjab Traffic Police Strength: Manpower Deployment Commissioner of Police/Police District Wise

Table 22 : Police District Wise Traffic Wing Manpower Deployment Details

Sr. No.	Name of CPs / Police Districts.	S.P.	D.S.P.	Inspector	Sub-Inspector	Assistant Sub-Inspector	Head Constables	Constables	TOTAL
		Actual Posted	Actual Posted	Actual Posted	Actual Posted	Actual Posted	Actual Posted	Actual Posted	Actual Posted
1	CP/ Amritsar	-	1	3	2	154	20	10	190
2	CP/ Jalandhar	-	0	05	3	2	18	102	130
3	CP/ Ludhiana	1	2	0	6	96	24	46	175
4	SSP/ Ferozpur	-	0	1	0	0	6	31	38
5	SSP/ Muktsar Sahib	-	0	0	2	0	4	49	55
6	SSP/ Moga	-	0	02	0	0	3	29	34
7	SSP/ Faridkot	-	0	1	1	16	02	01	21
8	SSP/ Mansa	-	0	0	0	0	10	37	47
9	SSP/ Bathinda	-	1	0	1	02	13	43	60
10	SSP/ Patiala	-	0	1	6	74	25	07	113
11	SSP/ Sangrur	-	0	1	3	37	0	16	57
12	SSP/ Barnala	-	0	0	0	0	12	28	40
13	SSP/ Fatehgarh Sahib	-	0	0	2	0	1	18	21
14	SSP/ Ludhiana Rural	-	01	1	0	9	1	8	20
15	SSP/ Khanna	-	0	1	0	2	3	10	16
16	SSP/ Jalandhar Rural	-	1	1	1	0	4	17	24
17	SSP/ Kapurthala	-	0	1	1	44	2	00	48
18	SSP/ Hoshiarpur	-	1	1	0	45	03	00	50
19	SSP/ Amritsar Rural	-	0	0	1	2	12	70	85
20	SSP/ Gurdaspur	-	0	0	1	3	3	15	22

21	SSP/ Tarn Taran	01	0	1	0	37	0	05	44
22	SSP/ Batala	-	0	0	0	1	04	25	30
23	SSP/ SBS Nagar	-	0	0	01	0	03	24	28
24	SSP/ Rupnagar	01	0	0	0	01	04	24	30
25	SSP/ SAS Nagar	01	1	02	0	03	15	142	164
26	SSP/ Fazilka	-	0	0	0	21	0	02	23
27	SSP/ Pathankot	-	01	0	1	22	02	0	26
	Total	4	09	22	32	571	194	759	1591

5.2. Highway Patrol

There are 62 Highway Patrol Vehicles are deployed on the various Highways of Punjab. The details are as under:

Table 23 : Police Commissioner/Police District wise Highway Patrol Vehicle Deployment Details

Sr. No.	Name of Police Commissioner/ Police District	Name of the NH and SH Stretch	Halting Point for Highway Patrol Vehicles.
1	Barnala	Kunnran to Bathinda Bypass (T-Point, Barnala)	Cannel Bridge, Harigarh
2	Barnala	Bathinda Bypass (T-Intersection on Barnala to JethuKe Road)	Highway Picket, Handiaya
3	Mansa	Mansa Intersection To village Aklia Road (Mansa Barnala Road) (25Km)	Mansa X- Junction
4	Fazilka	Village Paki to Village Ghallu 30 Kms.	1.Abohar Bypass 2.Near Ganga Nagar
5	Jalandhar Rural	Sutlej Bridge to Chachrari (21 Km)	1) DAV Road Opening, Phillaur 2) Bus Stand Phillaur 3) Bus Stand Goraya
6	Jalandhar Rural	Nurpur To Chalang (32 Km)	1) Bhullath Turn at Bhogpur 2) Pachranga 3) Kishangarh Intersection
7	Jalandhar Rural	Billy Chaharam To Kawawala Pattan (24 Km)	1) T Point Malsian 2) Truck Union Shahkot 3) Bajwa Kalan
8	Jalandhar Rural	Ferozepur to Darapur (Moga Road)	Talwandi Bhai
9	Jalandhar Rural	HariKe to Zira to Talwandi Bhai to Baja Khana (ASR to BTA Road)	Makhu City
10	Jalandhar Rural	Ferozepur to Amir Khas (Jalalabad Road)	Near Gurdwara Pargat Sahib
11	Patiala	Shambu to Basantpura	Shambu Village
12	Patiala	Bahadurgarh to Rajpura	Bahadurgarh
13	Patiala	Banur to GaganIntersectionRajpura	Banur
14	Patiala	Passiana to GajuMajra (Patiala)	Passiana
15	Bathinda	ITI Intersection, Bathinda Village Bhai Desa to Mansa Road	Highways Patrolling Station at Vill. Kotshamir
16		Octroi Pragpur to Lidhran Gate, Amritsar Road	Pathankot Intersection
17	Ludhiana	Toll Plaza Jalandhar Road to	Sherpur Intersection

Sr. No.	Name of Police Commissioner/ Police District	Name of the NH and SH Stretch	Halting Point for Highway Patrol Vehicles.
		Gurdwara Attar Sar Sahib Road	
18	Ludhiana	Samrala Intersection to Neelo Bridge	Jamalpur Intersection
19	Ludhiana	Village Allour to Gurdwara Shri Attarsar Sahib Road	S.D.M. Office G.T.Road Khanna (Near Police Station Sadar, Khanna)
20	Ludhiana	Village Heddon to Neelon Canal Bridge	Court Complex Near Police Station, Samrala
21	Shri Mukutsar Sahib	Mandi Killeanwali to Ratta Tibba 56Kms.	Check Post, Aadhnia
22	Shri Mukutsar Sahib	Dera Lang to Pakki Tibbi. 48 Kms.	Check Post, Thehri
23	S.B.S Nagar	Ropar to Balachour at 30 Kms.	Kathgarh Turning near Kangna Bridge
24	S.B.S Nagar	Balachour to NawanShahr 23 Kms.	Garhi Bypass, Birowal, T-point Jadla, Barnala Gate
24	S.B.S Nagar	NawanShahr to Mehli Intersection Road 37 Kms.	MalpurArhkan, Kahma Bus Stand, Thandian Turn
26	Taran Taran	Tarn Taran to Harike Road	Gohalwar
27	Taran Taran	Tarn Taran to Harike Road	Thatian Mahantan
28	Taran Taran	Amritsar to Khemkaran Road	Jhabal Intersection (Jhabal)
29	Faridkot	RomanaAjit Singh to Kotkapura Road	1.Dholwan Kalan Petrol Pump 2 LambhWali Bus Stop 3 Romana Ajit Singh Bus Stand
30	S.A.S. Nagar	UT Barrier to Banur Barrier 25 Kms.	Rampur T-Point Peer Baba Morh Chhat
31	S.A.S. Nagar	Zirakpur Barrier to Jharmari Barrier 38 Kms.	Bhankharpur. Barbala Morh, Lehli
32	S.A.S. Nagar	Mohali to Kurali-Khanpur Intersection to Mankheri 25 Kms.	Mohali, Kharar, Sahouran, Kurali, Khanpur Intersection to Gharauan Mankheri
33	RupNagar	Kurali to Ropar 18Kms.	ChatouliMorh, Singh, Behrampur, Rangilpur
34	RupNagar	Ropar to Shri Anandpur Sahib 45 Kms.	Ghanauli, Kiratpur Sahib, AgampurMorh

Sr. No.	Name of Police Commissioner/ Police District	Name of the NH and SH Stretch	Halting Point for Highway Patrol Vehicles.
35	RupNagar	Mankheri to Kajoli Bridgel 13 Kms.	Mankheri, Sarhind Bypass Traffic Signal Kajoli
36	Sangrur	Phagguwala Intersection to Mehalan Intersection	Mehalan Intersection
37	Sangrur	Sangrur-Dhuri to Malerkotala	Kakarwal Choowk Dhuri
38	Sangrur	AkabrPur Chhana to Ahmedgarh	Akbar Pur Chhna
39	Ludhiana Rural	Mullanpur to Canal bridge Dadahur. 35 Kms.	1.Baranala Intersection (Raikot) 2.Canal Bridge Sudhar
40	Kapurthala	Jamalpur to Khajurala to Mehali bypass Phagwara.	1. Mehtan Bypass, Lovely Cheheru Bridge
41	Kapurthala	Dyalpura to Beas bridge Dhillwan	1. Dyalpur, Hameera, Subanpur, Khanbowal. 2.Toll Plaza, Dhillwan
42	FathehGarh Sahib	Mugal Mazra to Juenpura Intersection Sirhind	1.Madhupur Intersection 2 Traffic Light Intersection Gobindgarh.
43	FathehGarh Sahib	Madhopur Intersection to Fagan Majra Road	Kharora Bus Stand Jakhwali T Intersection
44	FathehGarh Sahib	UchhanJatana to Khant Manpur Road	Main Intersection, Khamano
45	Hoshiarpur	Garn Sahib to Paper Mill Mukerian	Opposite Bus Stand, Dasuya
46	Hoshiarpur	Papermil-Mukerian to Mansar Barrier Mukerian	Naushehra Intersection, Mukerian
47	Hoshiarpur	Mandiala to Manguwal Barrier Hoshiarpur	Singrwal Bypass, Hoshiarpur.
48	Hoshiarpur	Chalaang to Garna Sahib Tanda	Darapur Bypass, Tanda
49	Gurdaspur	Uddowal Police Barrier to Babri bypass	1. Bus Stand Sohal 2. Tariza Nagar Intersection. 3. Bidhipur Intersection Bypass.
50	Gurdaspur	Babri bypass to Bhaniar Sugar Mill	1. Near Bus Stand Barrier on Bypass Intersection with Sugar Mill. 2. Bus Stand Bhania and T- point Intersection Jandey
51	Batala	Ajibwali Mour to Udhowal Naka	1. Bidhipur Railway Crossing 2. Bus Stand, Jaintipur
52	Pathankot	New Chakki Bridge Pathankot to	Baggar Intersection

Sr. No.	Name of Police Commissioner/ Police District	Name of the NH and SH Stretch	Halting Point for Highway Patrol Vehicles.
		Katori Bangla Dunera	
53	Pathankot	Madhopur to Mirthal	Madhopur
54	Pathankot	Bhaniar Sugar Mill to Intersection Sharna	Jakholahari
55	Moga	Moga to ChurChack (Ludhiana Road)	Bughipura Intersection
56	Moga	Moga to Panjgrain (KotKapura Road)	Octroi Post No.3, Moga Bypass
57	Moga	Moga to Darapur (Ferozepur Road)	Duneke Canal
58	Moga	Moga to Kamalke Jalandhar Road	Lohara Intersection
59	Amritsar Rural	Jandiala to Beas	1. X- Intersection 2. Beas Bridge
60	Amritsar Rural	Walha to Jandiala	1. Toll Plaza, Manawala 2. Daburji
61	Amritsar Rural	Verka Intersection to Ajaibwali Mour	Jathuwal
62	Amritsar Police Commissioner	Nil	Nil

6. Details of Road Accident Black Spots Identified within State of Punjab

Table 24 : Road Category wise Black Spots Identified in Punjab State

Road Category	1 st Phase Black Spots	2 nd Phase Black Spots	Punjab Total Black Spots
National Highways	253	292	545
State Highways	61	67	128
MC Roads/Urban	54	10	64
Major District Roads (MDR)	0	21	21
Other District Roads (ODR)	3	9	12
Village Roads	6	8	14
Grand Total	377	407	784

Table 25: District Wise List of Black Spots Identified in Punjab

S. No.	Name of Police District	1 st Phase Black Spots	2 nd Phase Black Spots	Total Black Spots
1	Amritsar CP	23	0	23
2	Amritsar Rural	6	0	6
3	Batala	9	0	9
4	Gurdaspur	12	0	12
5	Jalandhar CP	21	0	21
6	Ludhiana CP	91	0	91
7	Moga	9	0	9
8	Patiala	55	0	55
9	Rupnagar	30	0	30
10	SAS Nagar	92	0	92
11	SBS Nagar	21	0	21
12	Fatehgarh Sahib	0	48	48
13	Fazilka	0	11	11
14	Kapurthala	0	21	21
15	Khanna	0	27	27
16	Ludhiana Rural	0	13	13
17	Pathankot	0	23	23
18	Shri Muktsar Sahib	0	10	10
19	Tarn Taran	0	20	20
20	Faridkot	0	17	17

S. No.	Name of Police District	1 st Phase Black Spots	2 nd Phase Black Spots	Total Black Spots
21	Ferozepur	0	14	14
22	Sangrur	0	17	17
23	Mansa	0	29	29
24	Barnala	0	28	28
25	Bathinda	8	47	55
26	Jalandhar Rural	0	38	38
27	Hoshiarpur	0	44	44
	Grand Total	377	407	784

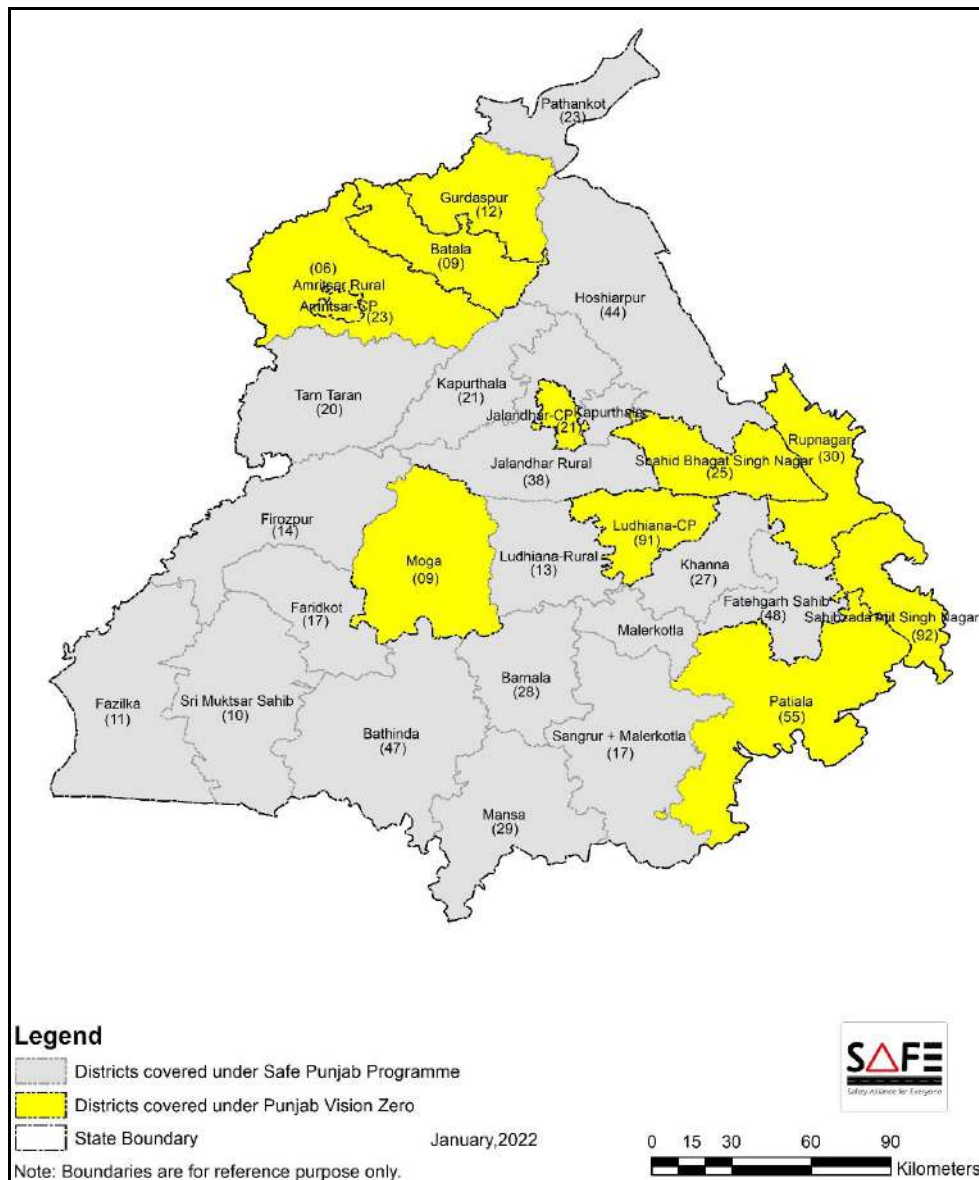


Figure 18: Map showing district wise number of Black Spots Identified

7. Road Accident Analysis in Police Commissionerate Districts-2021

7.1. Detailed Summary of Road Accidents in Police Commissionerate's of Punjab

There are three Police Commissionerate districts in Punjab namely Amritsar, Jalandhar and Ludhiana. A total of 537 people died due to road accidents in three Police Commissionerate jurisdictions which account for 11.7% in the total share of road accident fatalities in the state.

Table 26 : Month wise distribution of road accident fatalities in Police Commissionerate districts

Month	Total Persons died in Road Accidents		
	Amritsar Commissionerate	Jalandhar Commissionerate	Ludhiana Commissionerate
January	5	10	30
February	3	8	43
March	8	7	34
April	5	7	12
May	5	9	27
June	4	5	27
July	4	8	41
August	5	3	28
September	6	7	36
October	6	12	35
November	5	5	28
December	9	11	39
Grand Total	65	92	380

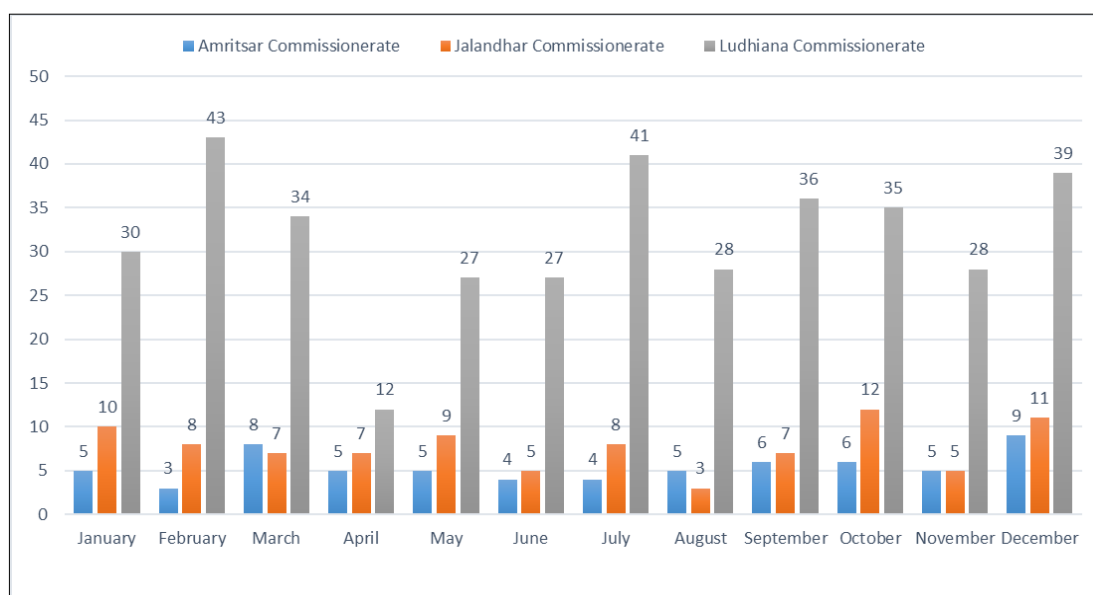


Figure 19: Month wise distribution of Fatalities in Police Commissionerate district

AMRITSAR POLICE COMMISSIONERATE - 2021

Number of Crashes: 98*

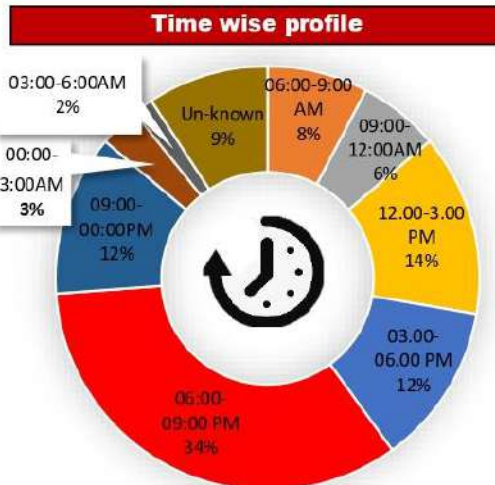
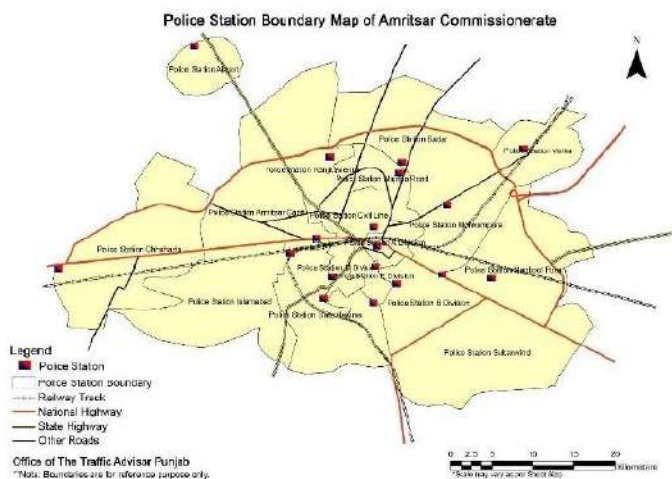
Fatalities: 65

Seriously Injured: 27

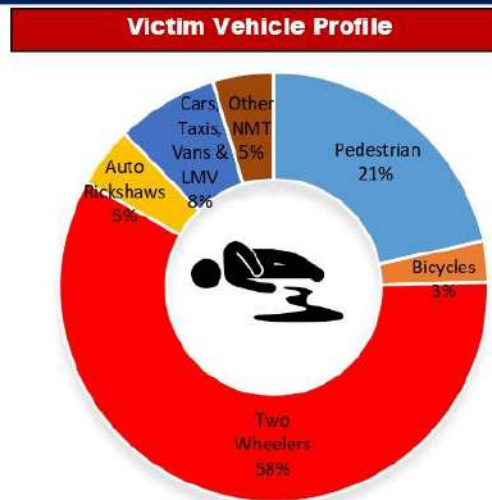
Minor Injured: 21

*Including CrPC Cases

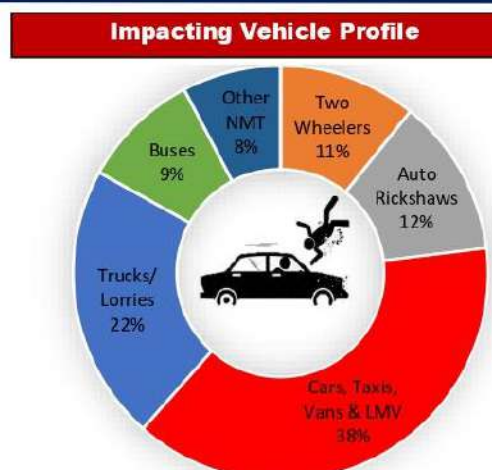
- Overall, 1.52% of Fall in Road Accident Fatalities observed, compared with 2020.
- Month of March September and December were the most critical months.
- Most Fatalities have occurred between 06:00 PM to 09:00 PM.
- Cars, Taxis, Vans & LMV accounted for 38% in Total Fatalities as Impacting Vehicles.
- According to Victim Profile 58% were Two Wheelers and 21% were Pedestrians.



Month	Total Cases	Fatalities	Serious Injuries	Minor Injuries
January	7	5	5	1
February	4	3	2	0
March	14	8	4	6
April	7	5	1	1
May	8	5	2	1
June	6	4	1	4
July	6	4	3	2
August	5	5	0	0
September	13	6	3	2
October	8	6	0	2
November	7	5	2	0
December	13	9	4	2
Grand Total	98	65	27	21



Collision Type	Fatalities	Serious Injuries	Minor Injuries
Hit & Run	13	5	9
Hit With Parked Vehicle	0	0	0
Hit from Back	19	7	2
Hit from Side	15	8	8
Run Off Road	5	1	0
Hit with Fixed Object	9	0	0
Vehicle Overturn	1	0	0
Head on Collision	3	6	2
Others (Specify)	0	0	0
Grand Total	65	27	21



JALANDHAR POLICE COMMISSIONERATE -2021

Number of Crashes: *135
Fatalities: *92
Serious Injuries: 48
Minor Injuries: 11

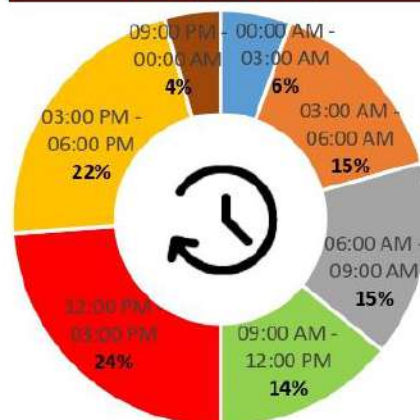
*(NOTE: Including CrPC)

- Overall, 12% of Rise in Road Accident Fatalities Observed, Compared with 2020
- Month of October, January, July and December were the most critical months.
- Most fatalities have occurred between 12:00 PM to 03:00 PM.
- Car/Jeep/Van/Taxi's accounted for 63 % of fatalities as impacting vehicles.
- According to Victim Profile 66% were Two Wheelers and 19 % were Pedestrians.

Police Station Boundaries in Jalandhar Police Commissionerate

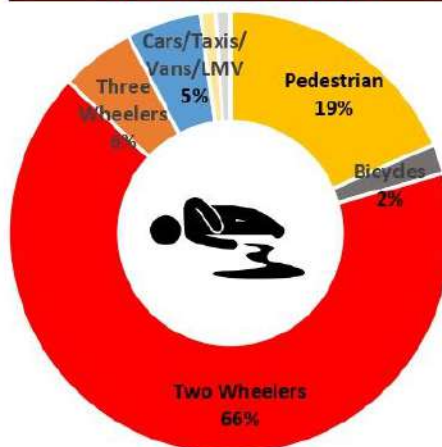


Time wise Profile



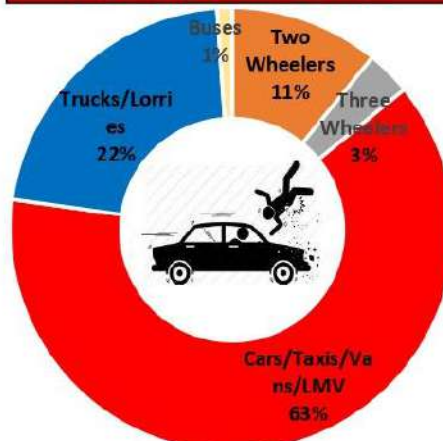
Month	Total Cases	Fatalities	Serious Injuries	Minor Injuries
January	15	10	2	3
February	11	8	2	0
March	10	7	1	2
April	10	7	8	0
May	11	9	5	0
June	9	5	5	1
July	15	8	7	2
August	4	3	1	0
September	12	7	6	0
October	18	12	9	2
November	5	5	1	0
December	15	11	1	1
Grand Total	135	92	48	11

Victim Vehicle Profile



Collision Type	Fatalities	Serious Injuries	Minor Injuries
Hit & Run	31	17	2
Hit With Parked Vehicle	8	5	2
Hit from Back	17	12	3
Hit from side	9	5	2
Run Off Road	0	0	0
Hit with Fixed Object	0	0	0
Vehicle Overturn	3	0	0
Head on Collision	24	9	2
Others (Specify)	0	0	0
Grand Total	92	48	11

Impacting Vehicle Profile



LUDHIANA POLICE COMMISSIONERATE - 2021

Number of Crashes: 478*

Fatalities: 380

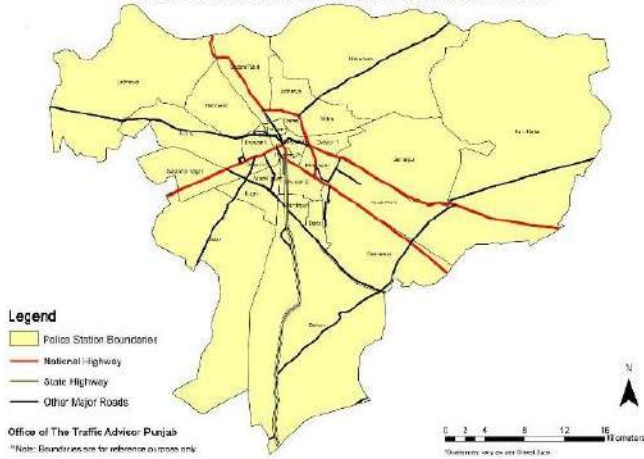
Seriously Injured: 135

Minor Injured: 34

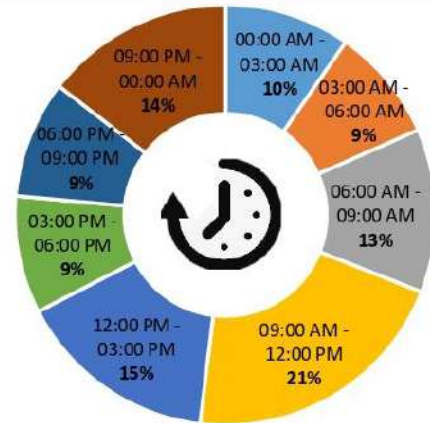
*Including CrPCC cases

- Overall, 34% of Rise in Road Accident Fatalities observed, compared with 2020.
- Month of February and July were the most critical months.
- Most Fatalities have occurred between 09:00 AM to 03:00 PM.
- Trucks/Lorries accounted for 39% in Total Fatalities as Impacting Vehicles.
- According to Victim Profile 37% were Two Wheelers and 13% were Pedestrians.

Police Station Boundaries in Ludhiana Police Commissionerate

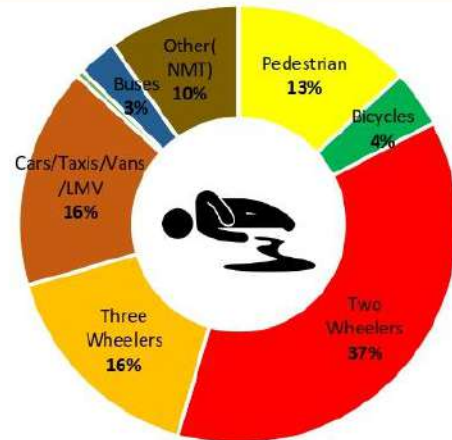


Time wise profile



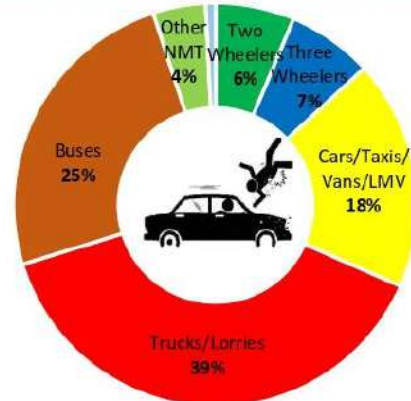
Month	Total Cases	Fatalities	Serious Injuries	Minor Injuries
January	36	30	15	0
February	48	43	7	5
March	35	34	8	4
April	25	12	9	5
May	33	27	5	4
June	38	27	11	1
July	47	41	11	3
August	31	28	4	3
September	47	36	15	0
October	50	35	14	1
November	39	28	15	4
December	49	39	21	4
Grand Total	478	380	135	34

Victim Vehicle Profile



Collision Type	Fatalities	Serious Injuries	Minor Injuries
Hit & Run	37	8	4
Hit With Parked Vehicle	23	19	3
Hit from Back	59	25	5
Hit from Side	28	15	4
Run Off Road	1	1	1
Hit with Fixed Object	2	2	1
Vehicle Overturn	15	9	2
Head on Collision	96	27	6
Others (Specify)	119	29	8
Grand Total	380	135	34

Impacting Vehicle Profile



8. Traffic & Road Safety Measures by Punjab Police

8.1. Punjab and UN Decade of Action for Road Safety 2021-2030

In September 2020, the UN General Assembly adopted resolution A/RES/74/299 "Improving global road safety", proclaiming the Decade of Action for Road Safety 2021-2030, with the ambitious target of preventing at least 50% of road traffic deaths and injuries by 2030. WHO and the UN regional commissions, in cooperation with other partners in the UN Road Safety Collaboration, have developed a Global Plan for the Decade of Action, which was released in October 2021.



The Global Plan aligns with the Stockholm Declaration, by emphasizing the importance of a holistic approach to road safety, and calling on continued improvements in the design of roads and vehicles; enhancement of laws and law enforcement; and provision of timely, life-saving emergency care for the injured. The Global Plan also reflects the Stockholm Declaration's promotion of policies to promote walking, cycling and using public transport as inherently healthy and environmentally sound modes of transport.



Progress made during the previous Decade of Action for Road Safety 2011-2020 has laid the foundation for accelerated action in the years ahead. Among achievements are inclusion of road safety on the global health and development agenda, broad dissemination of scientific guidance on what works, strengthening of partnerships and networks, and mobilization of resources. This new Decade of Action provides an opportunity for harnessing the successes and lessons of previous years and building upon them to save more lives.



Punjab has adopted the UN Decade of Action for Road Safety 2021-2030 recommendations to reduce at least 50% of road traffic fatalities and injuries by 2030. Punjab Traffic Police have advanced several road safeties programs, trainings, and seminars to cope with traffic while also expanding road safety across the province. Extraordinary efforts against over speeding, smashed driving, and improper stopping were also conducted to enhance road safety in the state. Exceptional missions were also underway to maximize the usage of available services for road users in order to make Punjab a model state for road safety. Punjab Police launched road safety campaigns encouraging road users to wear appropriate gear. Essentially, road safety campaigns in the state were divided into three categories: traffic management, road safety awareness campaigns, and social media campaigns. With unwavering effort, Punjab became a state that decreased road traffic deaths by 18% during the UN Decade of Action for Street Wellbeing 2011-2020.

8.2. Road Safety Awareness Drives

Road Safety camps were organised on daily basis by Traffic staff in all the districts of Punjab in which various major stakeholders were given training and road safety materials to make them aware regarding the road safety initiatives taken by Punjab Police for the welfare of the society. The motive behind organizing these camps was to sensitize future drivers and rod users about road safety.

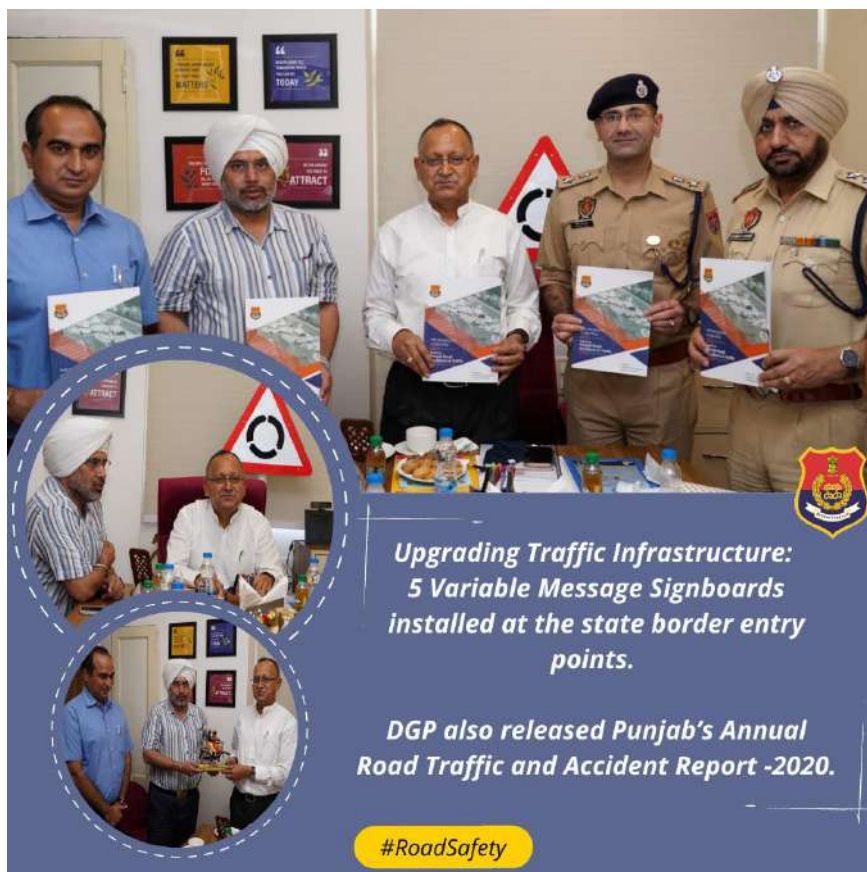
Special workshop on road safety awareness training were regularly organized for various institutes where they were educated through various interactive media at school, factories, union offices etc. Districts like Bathinda, Mohali, Patiala, Pathankot, Tarn Taran, Shri Muktsar Sahib, Amritsar, Ludhiana and others took firm initiatives in promoting drives that benefits the masses in their districts.

Some of the work done under awareness programmes and Punjab Police initiatives to curb down road accidents are given below:





8.3. Road Safety Capacity Building





ANNEXURE



Punjab Government Gazette

Published by Authority

No. 10] CHANDIGARH, FRIDAY, MARCH 5, 2021 (PHALGUNA 14, 1942 SAKA)

PART I

Punjab Government Notifications and Orders

GOVERNMENT OF PUNJAB

DEPARTMENT OF TRANSPORT

(TRANSPORT-2 BRANCH)

NOTIFICATION

The 4th February, 2021

No. 4/119/2010-2T2/152.-In supersession of Punjab Government Notification No. 4/119/2010-2T2/841850/1 dated 16.09.2016 issued under section 215 of Motor Vehicle Act, 1988 the Governor of Punjab is pleased to reconstitute the **Punjab State Road Safety Council (PSRSC)** consisting of the Chairman and following members namely.

- | | | |
|-----|---|------------------|
| 1. | Transport Minister. | Chairman |
| 2. | Principal Secretary, Transport/ Secretary Transport. | Member |
| 3. | Principal Secretary, Finance. | Member |
| 4. | Principal Secretary Education. | Member |
| 5. | State Transport Commissioner, Punjab. | Member |
| 6. | Director General (Lead Agency, Road Safety). | Member Secretary |
| 7. | Additional Director General of Police (Traffic), Punjab. | Member |
| 8. | Chief Engineer, PRBDB- Nodal officer , PWD B&R, Punjab. | Member |
| 9. | Director Health Services, Punjab. | Member |
| 10. | Sh. Navdeep Asija, Traffic Advisor, Punjab.
(appointed by Punjab & Haryana High Court) | Expert |
| 11. | Sh. Harman Singh Sidhu, Arrive Safe, 268, Sector-21 A, Chandigarh. | Expert |
| 12. | Sh. Rahul Verma, Sambav Foundation (A Road Safety NGO) Ludhiana. | Expert |

K. SIVA PRASAD,

Chandigarh

The 2nd February, 2021

Principal Secretary to Government of Punjab,

Department of Transport.



Punjab Government Gazette

Published by Authority

No. 34]

CHANDIGARH, FRIDAY, AUGUST 26, 2022 (BHADRA 4, 1944 SAKA)

PART I

Punjab Government Notifications and Orders

GOVERNMENT OF PUNJAB

DEPARTMENT OF TRANSPORT

(TRANSPORT-II BRANCH)

NOTIFICATION

The 1st April, 2022

No. 10/52/2006-2T2/229.—Where the Governor of Punjab is satisfied that it is necessary to restrict the maximum speed of motor vehicles on four lane and above divided carriage way [*Road with median strips/dividers*], Road within Municipal limit and other roads, in the interest of public safety and convenience.

Now therefore in supersession of notification no. 10/52/2006-2T2/1277338 dated 20.07.2018 and in partial supersession of notification No.10/52/2006-2T2/489, dated 01.05.2020 issued in this behalf by the Department of Transport in the State of Punjab and in exercise of the powers conferred by sub section (2) of section 112 of the Motor Vehicles Act, 1988 (Central Act No 59 of 1988) and all other powers enabling him in this behalf, the Governor of Punjab is pleased to fix the maximum speed limit on the, fourlane and above divided carriage way [*Road with median strips/dividers*], Road within Municipal limits and other roads in all the cities in the State of Punjab for the classes of Motor Vehicles as specified in the schedule given below namely:-

Schedule

Speed limit per hour in kilometers					
Sr. No.	Class of Motor Vehicles	4 lane and above divided carriage way (road with Median Strip/ Dividers)	Road within Municipal Limits	In front of Schools	Other Roads
1	Motor Vehicles used for carriage of passengers comprising not more than eight seats in addition to the driver's seat (M1 category vehicles)	100	50	25	55
2	Motor vehicles used for carriage of passengers comprising nine or more seats in addition to the driver's seat (M2 and M3 category Vehicles)	75	45	25	45

3	More vehicles used for carriage of goods (All N category Vehicles)	70	45	25	45
4	Two wheelers	60	40	25	40
5	Three wheeled vehicles	50	40	25	40
6	Quadricycle	50	40	25	40

Chandigarh
The 30th March, 2022

K. SIVA PRASAD
Principal Secretary to Govt. of Punjab
Department of Transport.

ROAD SAFETY TIPS FOR DRIVERS IN FOGGY CONDITIONS



1. Turn on the headlights and fog lights to ensure the best visibility.
2. Reduce speed and maintain a safe distance from the vehicle in front.
3. Avoid sudden stops and sharp turns.
4. Ensure that windshield wipers are working properly.
5. Be extra cautious while driving in foggy weather.
6. Avoid driving if visibility is very low.
7. Pay extra attention to the road signs and markings.
8. Avoid passing other vehicles if visibility is poor.
9. Use the side of the road as a guide to stay in the correct lane.
10. Look out for other vehicles, cyclists, and pedestrians.
11. Do not follow fast moving vehicles like bus or truck during fog.
12. If you want to go on a road trip, pay attention to any warnings from the Weather Department about fog.

Punjab Road Safety and Traffic Research Centre
