

## The extent of damage and severity of accidents increases with the increase in size and speed of vehicles.

With improvement in technology the individual/private vehicles are increasingly safer for the passengers occupying the vehicles. But for the heterogeneous and mixed variety of road users, on Indian roads, **there is need to minimize danger to the pedestrians and other small vehicles including non motorized vehicles.**

Vehicles can be improved by making them safe for passengers, with seat belts, air bags, Anti-lock Breaking System(ABS), strong outer body, non-collapsing body, protective internal design and having safe exit passage in case of any miss-happening. The vehicles however need to be improved also for the safety of the victim (non-passengers).

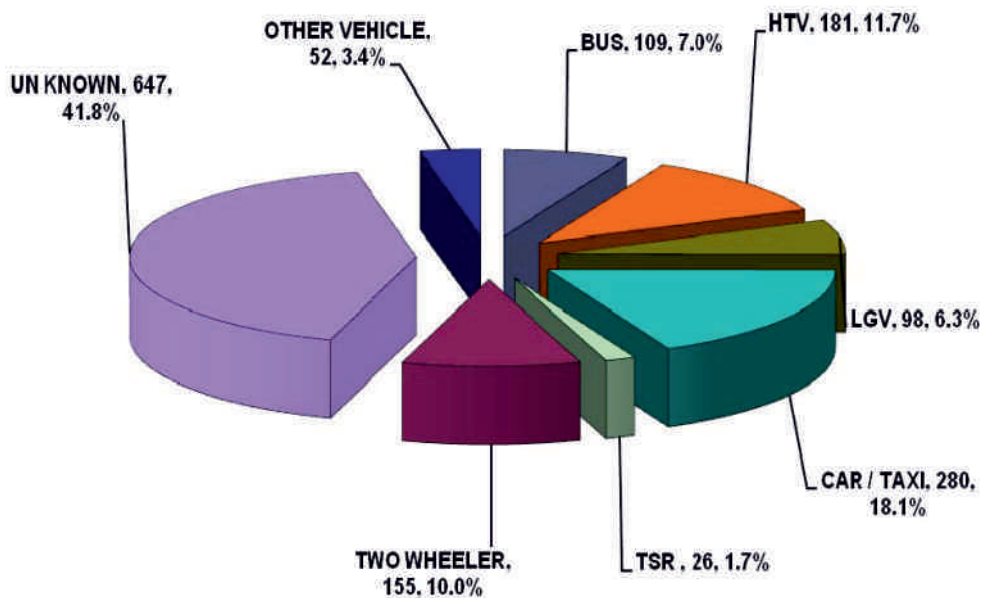
## The vehicle wise analysis of accidents provides a broad overview of the involvement of vehicles at fault in accidents (Table 4.1).

- In the year 2016, car/taxi's caused 280 fatal accidents accounting for 18.08% of total accidents which was the maximum number by a vehicle type. HTV's came next to those with 181 (11.7%). As compared to this in the year 2015, Car/Taxis accounted for the maximum number of fatal accidents (18.5%) closely followed by the HTVs (15.7%) and two wheeler (9.3%).
- Two wheelers accounted for 10.01% of fatal accidents this year which is marginally greater than 9.3% recorded in the year 2015 (Tables 4.1 and 4.2).
- In case of non-fatal accidents, cars/taxis caused 38.23% of all simple accidents in the year 2016 which is higher than share of 38.1% in the year 2015. Two wheeler

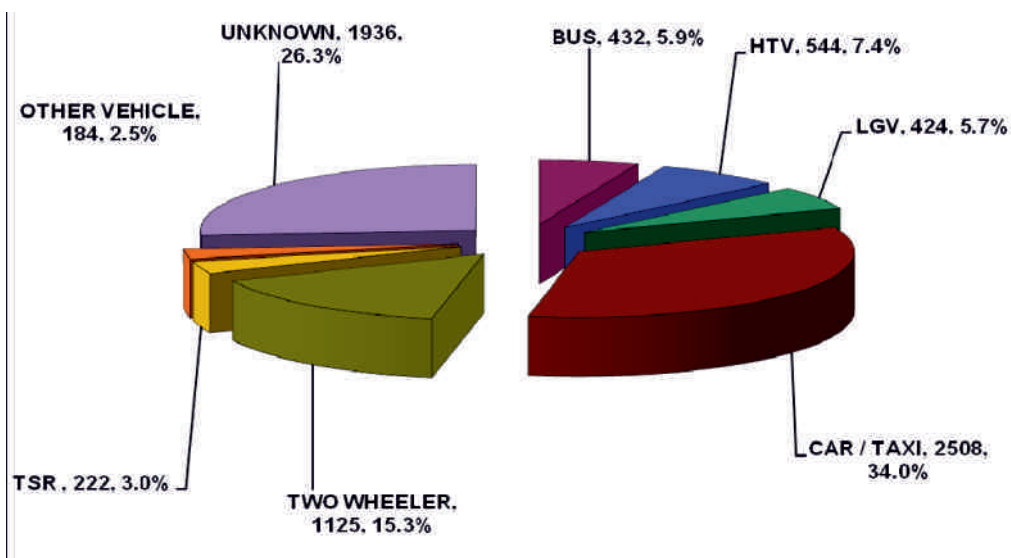
riders (scooter/motorcycles) were next with 16.64% of accidents this year, which is almost at par with the year 2015 viz.16.6% (Tables 4.1 and 4.2).

- Hit and run cases have shown an increase in the year 2016 as compared to last year i.e. 2015 (**623 in the year 2015 to 647 in 2016**). The 41.79% almost 2/5th of all of the fatal cases. Opposite trend is seen in case of simple accidents i.e. the figure has reduced from 1418 to 1289 which, is 22.12% of all the simple accidents. Lack of proper identification of vehicle viz. faulty/smeared number plate is mainly responsible for these fleeing criminals. Passers-by witnessing the accident also refrain from reporting the matter to police. Lack of surveillance cameras at the accident spot is another reason.
- There is a steady increase in simple accidents caused by taxis during last 3 year.
- Light Goods Vehicles (LGVs) have been showing a decrease in their share of simple as well as fatal accidents (Table 4.2). Private cars/taxis have shown minor increase in % share of simple accidents this year (38.10% in 2015 to 38.23% in 2016).
- **City buses (DTC Buses) have caused less number of fatal accidents** this year over 2015, but (private buses) have caused more fatal accidents this year over 2015.
- **The percent share of buses has decreased in fatal accidents but it has increased in simple accidents** (Table 4.2). Similarly, accidents by tractors have also increased during 2016 over the year 2015. Gramin sewa caused less number of fatal accidents in 2016 than in the year 2015.

**FIGURE-4.1 FATAL ACCIDENTS ACCORDING TO MAJOR GROUP OF IMPACTING VEHICLE-YEAR-2016 (1548)**



**FIGURE-4.2 IMPACTING VEHICLES (TOTAL ACCIDENTS)-2016 (7375)**



**TABLE – 4.1**  
**PROFILE OF VEHICLES AT FAULT**

TYPES OF VEHICLE	FATAL ACCIDENTS					SIMPLE ACCIDENTS					TOTAL ACCIDENTS				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
DELIVERY VAN	28	22	22	19	22	99	107	122	98	92	127	129	144	117	114
TEMPO	134	113	103	82	76	318	331	350	279	234	452	444	453	361	310
PRIVATE CAR	277	265	277	277	261	1644	2073	2435	2377	2089	1921	2338	2712	2654	2350
TAXI	13	10	5	15	19	90	75	90	101	139	103	85	95	116	158
MINI BUS	21	15	7	14	16	66	56	64	62	67	87	71	71	76	83
PRIVATE BUS	34	42	39	35	45	70	111	112	112	105	104	112	150	147	150
CLUSTER BUS	6	7	13	24	11	8	12	41	35	41	14	19	54	59	52
SCHOOL BUS	4	2	4	5	3	9	10	10	3	3	13	12	14	8	6
DTC BUS	67	66	40	32	31	179	187	165	114	99	246	253	205	146	130
BLUE LINE BUS	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0
OTHER STATE BUS	14	15	9	7	3	19	11	27	17	8	33	26	36	24	11
MATADOOR	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0
TRACTOR	27	24	12	13	26	29	38	27	32	34	56	62	39	45	60
ROAD ROLLER	0	3	1	1	0	1	0	0	0	0	1	3	1	1	0
BYCYCLE	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1
CYCLE	0	0	2	1	0	1	3	1	0	3	1	3	3	1	3
RICKSHAW															
BULLOCK CART	0	0	0	0	1	1	0	0	0	0	1	0	0	0	1
AMBULANCE	0	1	0	0	1	4	7	6	3	5	4	8	6	3	6
CRANE	5	11	10	8	6	12	18	16	24	10	17	29	26	32	16
POLICE VEHICLE	0	0	1	0	0	3	1	0	1	2	3	1	1	1	2
GOODS CARRIER *	244	268	218	232	171	392	445	461	401	339	636	713	679	633	510
TONGA/REHRA	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0
MILITARY VEH.	4	1	2	1	5	2	4	2	2	0	6	5	4	3	5
TSR	27	17	27	20	26	128	165	201	211	196	155	182	228	231	222
TANKER	18	14	19	17	10	18	29	39	50	24	36	43	58	67	34
GRAMIN SEWA	22	16	17	9	11	134	103	91	67	48	156	119	108	76	59
SCOOTER / M. CYCLE	179	159	137	147	155	779	940	1167	1078	970	958	1099	1304	1225	1125
CALL CENTER CAB	0	1	0	0	0	3	2	5	7	2	3	3	5	7	2
E_RICKSHAW	0	0	2	0	2	0	0	18	9	26	0	0	20	9	28
UNKNOWN VEHICLE	698	706	662	623	647	1103	1100	1543	1418	1289	1801	1806	2205	2041	1936

\*Goods Carrier includes HTV Trucks, Trailers and Containers

**TABLE - 4.2**  
**PERCENT SHARE OF IMPACTING VEHICLE (FATAL ACCIDENTS)**

TYPES OF VEHICLE	FATAL ACCIDENTS					SIMPLE ACCIDENTS					TOTAL ACCIDENTS				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
BUSES	8.01	8.26	6.87	7.39	7.04	6.92	5.97	5.97	5.27	5.54	7.20	5.57	6.14	5.68	5.85
HTV	14.37	15.86	14.54	15.73	11.69	8.01	8.18	7.14	6.93	6.22	9.68	10	8.54	8.65	7.37
LGV	8.89	7.59	7.67	6.38	6.33	8.15	7.56	6.74	5.79	5.59	8.35	7.57	6.92	5.91	5.74
CAR / TAXI	15.91	15.46	17.31	18.45	18.08	33.95	37.11	36.10	38.10	38.23	29.22	32.02	32.55	34.26	34.00
TSR	1.48	0.95	1.65	1.26	1.67	2.50	2.85	2.87	3.24	3.36	2.23	2.24	2.64	2.85	3.01
SCOOTER/ M. CYCLE	9.82	8.94	8.41	9.29	10.01	15.22	16.24	16.68	16.57	16.64	13.81	14.52	15.12	15.15	15.25
UN- KNOWN	38.30	39.70	40.63	39.38	41.79	21.56	19	22.06	21.80	22.12	25.96	23.86	25.57	25.24	26.25
OTHER VEHICLE	3.22	3.24	2.88	2.08	3.39	3.69	3.09	2.40	2.26	2.30	3.55	4.22	2.49	2.22	2.53

Table 4.3 provides details of victims versus impacting vehicles for fatal accidents.

TABLE - 4.3  
VICTIM V/S IMPACTING VEHICLE (FATAL ACCIDENTS)

VICTIMS	IMPACTING VEHICLE AT FAULT																							
	HTV		LGV		* OTHER HEAVY VEHICLES		BUS		M.BUS		ROADWAYS		CAR/JEEP/ TAXI		TSR		SC / MC		UN-KNOWN		OTHERS		TOTAL	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
CAR	13	11	5	3	6	2	4	5	0	0	0	1	19	12	0	0	2	0	23	21	0	0	72	55
BUS	1	0	0	2	0	0	3	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	7	4
CYCLE	15	9	6	4	2	1	3	1	0	1	1	0	18	19	0	2	4	3	19	11	1	1	69	52
C.RIKSHAW	3	1	1	1	1	0	1	2	1	0	0	0	6	7	0	0	6	6	2	5	0	0	21	22
HTV	4	2	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	1	0	0	10	3
TSR	4	1	2	1	1	1	0	2	0	0	1	0	12	7	0	1	1	1	16	12	0	0	37	26
PASSENGER	0	0	0	0	0	0	6	4	1	1	4	0	0	0	0	0	0	0	0	0	0	0	11	5
PEDESTRIAN	54	44	39	29	19	10	39	34	5	8	1	0	120	117	10	12	57	52	331	362	4	10	679	678
SELF	4	2	7	7	1	7	0	0	0	2	0	0	28	22	6	4	46	66	0	0	2	4	94	114
LGV	4	5	5	1	3	0	3	1	0	0	0	0	4	6	0	0	0	0	3	4	0	0	22	17
SC/MC	115	85	34	45	19	28	37	40	7	4	0	2	75	88	4	5	29	25	228	227	4	5	553	555
OTHER	1	4	1	4	0	0	0	1	0	0	0	0	5	2	0	2	0	1	0	3	0	0	7	17
TOTAL	219	164	101	98	52	49	96	90	14	16	7	3	292	280	20	26	147	155	623	647	11	20	1582	1548

\* Other Heavy Vehicles include Trailer/ Container, Tanker, Crane, Steam Roller and Tractor

TABLE - 4.3 (A)  
VICTIM V/S IMPACTING VEHICLE (TOTAL ACCIDENTS)

VICTIMS	IMPACTING VEHICLE AT FAULT																							
	HTV		LGV		* OTHER HEAVY VEHICLES		BUS		M.BUS		ROADWAYS		CAR/JEEP/ TAXI		TSR		SC / MC		UN-KNOWN		OTHERS		TOTAL	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
CAR	99	65	32	31	23	11	27	26	3	1	4	3	258	205	9	8	18	11	59	57	1	2	533	420
BUS	8	6	4	4	0	1	5	7	1	1	0	0	8	3	2	3	5	2	4	1	0	1	37	29
CYCLE	39	20	18	18	10	6	16	11	5	5	1	1	117	85	9	7	72	51	42	32	5	7	334	243
C.RIKSHAW	12	4	16	4	3	1	6	7	3	0	0	0	74	43	9	5	31	16	13	12	2	2	169	94
HTV	14	9	3	0	2	1	2	0	1	0	0	0	7	3	2	0	1	1	3	2	1	0	36	16
TSR	16	15	17	8	1	3	14	16	1	2	1	0	119	103	3	11	7	5	42	35	2	1	223	199
E_RIKSHAW	0	3	3	6	0	3	1	4	0	1	0	0	15	29	1	4	4	1	2	4	1	1	27	56
PASSENGER	0	0	0	0	0	0	52	48	6	7	5	0	0	0	0	0	0	0	0	0	0	0	63	55
PEDESTRIAN	118	105	140	121	66	27	109	96	27	23	6	1	878	820	75	78	728	674	1063	1041	32	40	3242	3026
SELF	18	10	15	20	2	8	5	0	2	8	0	1	66	53	46	39	88	113	0	0	15	17	257	269
LGV	27	15	15	5	4	3	9	4	0	1	0	0	18	24	2	2	2	3	12	9	1	0	90	66
SC/MC	239	219	205	196	68	76	107	117	25	34	7	5	1184	1116	70	63	260	239	795	741	42	34	3002	2840
OTHER	9	8	10	11	0	1	7	2	2	0	0	0	26	24	3	2	9	9	6	2	0	3	72	62
TOTAL	599	479	478	424	179	141	360	338	76	83	24	11	2770	2508	231	222	1225	1125	2041	1936	102	108	8085	7375



- In 2016, 682 pedestrians have died in 678 accidents caused by all types of vehicles as compared to 679 in 2015. These pedestrians' casualties were due to car/jeep/taxis viz.117 this year in comparison to 120 in 2015. Two-wheelers caused 52 pedestrians deaths in 2016 against 57 in 2015. HTVs, LGVs and buses caused 346 pedestrian deaths as compared to 400 in 2015. 362 pedestrians were killed by unknown vehicles in 2016 against 331 in 2015.
- Two wheeler riders have emerged as second most accident prone victims i.e. 555 in the year 2016 in comparison to 553 in 2015. These riders were worst hit by Car/Jeep/Taxi's (88) followed by HTV's (85) in 2016. A total of 227 riders had been killed by unknown vehicles this year almost equal to the number (228) recorded in 2015.
- Fatal accidents by own vehicles accounted for 144 deaths in 2016 as

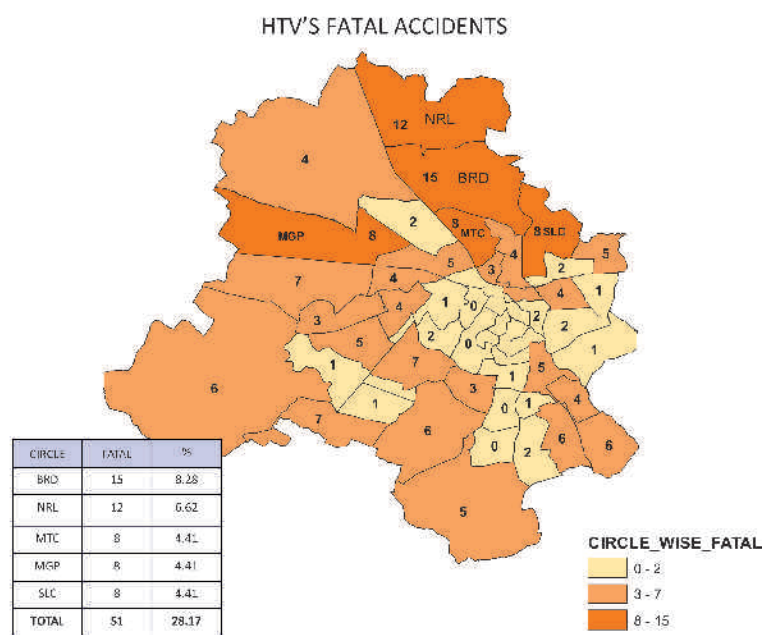
against 94 deaths in 2015. Further **two-wheeler riders top this category, 66 in 2016 as against 40 in 2015.** Cars/jeeps/taxis occupants are the next higher number of victims of fatal accidents due to own vehicle.

- There has been decrease in '**Cyclist**' fatal accident during the year 2016 (52) over 2015 (69). These accidents have been caused by Cars followed by HTV's and LGV (Table 4.3).

**Map 4.1 (HTV's), Map 4.2 (Buses), Map 4.3 (Cars) shows the traffic circle wise regions with respect to concentration of offending vehicle wise fatal accidents.**

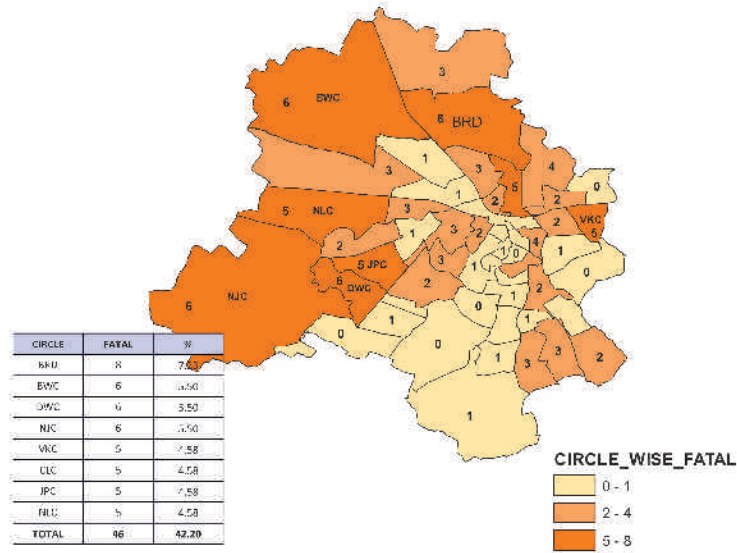
- There are more fatal accidents by trucks in Burari, Narela, Model Town, Mangol Puri and Khazoori Circles (Map 4.1).
- Similarly, more fatality occurred due to Buses near Burari, Bawana, Dwarka, Najafgarh, ISBT Kashmiri Gate, Anand Vihar, Janakpuri, Civil Lines and Nangloi Circles (Map 4.2).

## TOP CIRCLES IN FATAL ACCIDENTS



Map 4.1 (for area refer to Map 1.3)

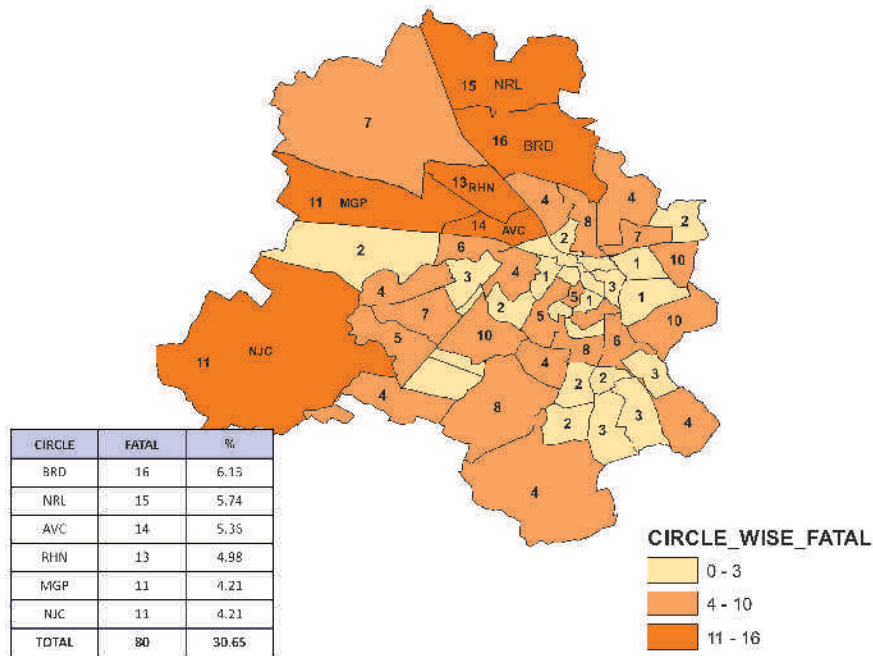
### BUSES FATAL ACCIDENTS



Map 4.2(for area refer to Map 1.3)

- In **Burari, Narela, Ashok Vihar, Rohini, Mangol Puri and Najafgarh** circles where cars are major offending vehicles (Map 4.3).

### CARS FATAL ACCIDENTS



Map 4.3(for area refer to Map 1.3)

About 51.22 % of total accidents remain unknown in fatal accidents, while this figure was around 35.25 % in case of non-fatal accidents.

- Vehicles registered in **Delhi were most involved in fatal accidents (68.2% of the vehicles with full registration details) followed by Haryana registered vehicles (22.11% of the vehicles with full registration details)** (Table 4.4). This scenario is similar to that of year 2015.
- In case of **simple accidents, Delhi number plate vehicles constituted 77.7% of all known state vehicles while Haryana number plate vehicles constituted 14.4%. U P number vehicles caused around 4.1%** fatal and 5.1% simple accidents of known state vehicles. The numbers of accidents caused by other state vehicles is insignificant from analysis point of view.
- Among the vehicles of other state involved in accidents in **Delhi, cars/jeeps were involved in maximum number of fatal accidents followed by two wheelers, Buses, and LGV's** (Table 4.5). The Delhi numbered cars accounted for 175 (75.75%) of all fatal accidents by state cars/jeeps.

**Table – 4.4**  
**ACCIDENTS CAUSED BY STATE-WISE REGISTERED VEHICLES - 2016**

STATE	NON-INJURY ACCIDENTS	SIMPLE ACCIDENTS	FATAL ACCIDENTS	TOTAL ACCIDENTS	PERSONS INJURED	PERSONS KILLED
ANDHRA PRADESH	0	4	1	5	5	1
BIHAR	0	1	0	1	1	0
CHANDIGARH	1	5	1	7	10	1
DELHI	72	2867	515	3454	3688	524
GOA	0	1	0	1	1	0
GUJARAT	1	4	1	6	9	1
HARYANA	29	530	167	726	739	180
HIMACHAL PRADESH	1	4	3	8	9	4
JAMMU AND KASHMIR	0	3	1	4	3	1
KARNATAKA	0	2	0	2	3	0
MADHYA PRADESH	0	4	2	6	8	3
MAHARASHTRA	0	6	0	6	10	0
MEGHALYA	1	0	0	1	0	0
NAGALAND	0	1	1	2	1	1
PUNJAB	0	36	12	48	41	14
RAJASTHAN	2	31	15	48	46	16
TAMIL NADU	0	0	1	1	0	1
UTTAR PRADESH	14	183	31	228	247	31
UTTARAKHAND	0	6	3	9	10	3
WEST BENGAL	0	1	1	2	2	1
UNKNOWN STATE	8	2009	793	2810	2321	809
<b>TOTAL</b>	<b>129</b>	<b>5698</b>	<b>1548</b>	<b>7375</b>	<b>7154</b>	<b>1591</b>

- Among HTVs, Haryana registered vehicles were involved in 89 (57.8%) fatal accidents of all known state vehicles.
- In the bus category, 82 (88.17% of the vehicles with full registration details) Delhi registered buses were involved in causing fatal accidents in 2016 (Table 4.5). Surprisingly the state identification of 8 tractors out of 26 total tractors which caused fatal accidents, was not known. 31% tractors of all tractors related fatal accidents in Delhi belonged to Haryana state (Table 4.5).

Table – 4.5  
STATE WISE VEHICLE AT FAULT (FATAL ACCIDENTS) – 2016

STATE	VEHICLE AT FAULT									TOTAL
	HTV'S	LGV'S	BUSES	GRAMIN SEWA	CAR/TAXI	TSR	SC/MC	UNKNOWN VEHICLE	OTHERS VEHICLE	
ANDHRA PRADESH	1	0	0	0	0	0	0	0	0	1
CHANDIGARH	0	0	0	0	0	0	1	0	0	1
DELHI	31	67	82	10	175	18	124	0	8	515
GUJARAT	1	0	0	0	0	0	0	0	0	1
HARYANA	89	15	3	0	45	0	5	0	10	167
HIMACHAL PRADESH	2	0	1	0	0	0	0	0	0	3
JAMMU AND KASHMIR	1	0	0	0	0	0	0	0	0	1
MADHYA PRADESH	0	1	0	0	1	0	0	0	0	2
NAGALAND	1	0	0	0	0	0	0	0	0	1
PUNJAB	7	0	1	0	2	0	1	0	1	12
RAJASTHAN	12	1	1	0	0	0	0	0	1	15
TAMIL NADU	0	0	0	0	1	0	0	0	0	1
UTTAR PRADESH	7	5	5	0	5	1	3	0	5	31
UTTERAKHAND	1	0	0	0	2	0	0	0	0	3
WEST BENGAL	1	0	0	0	0	0	0	0	0	1
UNKNOWN STATE	27	9	16	0	49	7	21	647	17	793
TOTAL	181	98	109	10	280	26	155	647	42	1548

**419 pedestrians were killed by unknown vehicles which accounted for 61.79% of all pedestrians killed in the year 2016.**

- About 27.6% pedestrians were killed by vehicles with Delhi registration number followed by 7.7% by Haryana numbered vehicles (Table 4.7).
- In the category of two wheeler victims, 50.6% two wheeler rider victims were killed by unknown state vehicles, 30.45% killed by Delhi registered vehicles and 12.8% were killed by Haryana registered vehicles. These trends for pedestrians as well as two wheeler victims were similar in the year 2015 with a deviation of few percent.
- Similar trends as described above were observed in case of total accidents caused by vehicles of different states in Delhi (Table 4.8).

**Analysis of fatal accidents caused by vehicles with Haryana registration showed that 53.3% of all offending Haryana vehicles were HTVs followed by 27% cars/jeeps and 9% LGVs.**

- **42.5% victims in fatal accidents by vehicle with Haryana registration plate were two wheelers while 31.1% were pedestrian (Table 4.7).**
- Victims killed by HTVs registered in Haryana were 57.3% two-wheelers and 20.2% pedestrians (Table 4.9).
- A further analysis of total accidents caused by Haryana number vehicles showed that cars of them were (45.67%) followed by 36.36% HTVs and LGVs (5.8%). Most of the victims of these Haryana registered vehicles were two wheeler riders (44.5%) and pedestrians (27.27%) (Table 4.10).



Haryana number vehicles were responsible for killing and injuring more two wheelers than pedestrians. This is opposite for other state vehicles.

On analyzing the fatal accident category of the offending vehicles belonging to Delhi state, it is found that private cars were responsible for most number of fatal accidents (175 i.e. 34.1%) followed by scooter/motor cycles (124 i.e. 24%) and Buses (82 i.e. 15.9%). (Table 4.11)

- Most victims of vehicles registered with Delhi state were pedestrians (187 i.e.

36.3%) followed by scooter/motor cyclists (169 i.e. 32.8%). In 'Self' accident category of i.e. total 81 fatal accidents, 65.4% were scooter/motor cycles while 19.75% were cars. (Table 4.11)

- In all accidents category of Delhi registered vehicles, maximum accidents were committed by private cars (1608 viz. 46.55%) followed by scooters/ motor cycles (840 viz. 23.7%). **A total of 194 'Self' accidents were caused by Delhi registered vehicles out of which, 91 were two wheelers and 38 were cars. (Table 4.12)**

Table – 4.6  
STATE V/S VEHICLE AT FAULT (ALL ACCIDENTS) – 2016

STATE NAME	VEHICLE AT FAULT									TOTAL
	HTV'S	LGV'S	BUSES	GRAMIN SEWA	CAR/ TAXI	TSR	SC/MC	UNKNOWN VEHICLE	OTHERS VEHICLE	
ANDHRA PRADESH	1	0	0	0	3	0	1	0	0	5
BIHAR	0	0	0	0	1	0	0	0	0	1
CHANDIGARH	0	0	0	0	6	0	1	0	0	7
DELHI	122	321	332	54	1607	167	819	3	29	3454
GOA	0	0	0	0	0	0	1	0	0	1
GUJARAT	3	0	0	0	2	0	1	0	0	6
HARYANA	264	42	14	0	338	2	37	3	26	726
HIMACHAL PRADESH	5	1	1	0	1	0	0	0	0	8
JAMMU AND KASHMIR	1	0	0	0	3	0	0	0	0	4
KARNATAKA	1	0	0	0	1	0	0	0	0	2
MADHYA PRADESH	1	1	1	0	3	0	0	0	0	6
MAHARASHTRA	0	1	0	0	2	0	3	0	0	6
MEGHALAYA	0	0	0	0	1	0	0	0	0	1
NAGALAND	1	0	0	0	0	0	0	0	1	2
PUNJAB	15	1	5	0	22	0	4	0	1	48
RAJASTHAN	29	2	4	0	7	0	4	0	2	48
TAMIL NADU	0	0	0	0	1	0	0	0	0	1
UTTAR PRADESH	25	15	24	0	118	10	29	0	7	228
UTTARAKHAND	1	0	1	0	6	0	1	0	0	9
WEST BENGAL	1	0	0	0	1	0	0	0	0	2
UNKNOWN STATE	74	40	50	5	385	43	224	930	59	2810
TOTAL	544	424	432	59	2508	222	1125	936	125	7375

Table – 4.7  
STATE V/S VICTIM (FATAL ACCIDENTS) – 2016

STATE NAME	HTV'S	LGV'S	BUSES	CAR/TAXI	TSR	SC/MC	VICTIMS							TOTAL
							E_RICKSHAW	CYCLE RICKSHAW	CYCLIST	PEDESTRIAN	PASSENGERS	SELF	OTHERS	
ANDHRA PRADESH	0	0	0	0	0	1	0	0	0	0	0	0	0	1
CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	1	0	1
DELHI	0	6	3	14	11	169	3	13	22	187	1	81	5	515
GUJARAT	0	0	0	1	0	0	0	0	0	0	0	0	0	1
HARYANA	1	2	0	13	1	71	1	0	9	52	1	12	4	167
HIMACHAL PRADESH	0	0	0	1	0	2	0	0	0	0	0	0	0	3
JAMMU AND KASHMIR	0	0	0	0	0	1	0	0	0	0	0	0	0	1
MADHYA PRADESH	0	0	0	0	0	0	0	0	1	0	0	1	0	2
NAGALAND	0	0	0	0	0	1	0	0	0	0	0	0	0	1
PUNJAB	1	0	0	1	0	4	0	0	1	4	0	1	0	12
RAJASTHAN	0	0	0	0	1	10	0	0	0	4	0	0	0	15
TAMIL NADU	0	0	0	0	0	1	0	0	0	0	0	0	0	1
UTTAR PRADESH	0	0	0	1	0	14	0	0	2	12	0	2	0	31
UTTRAKHAND	0	1	0	0	0	0	0	0	1	0	0	1	0	3
WEST BENGAL	0	0	0	0	0	0	0	0	0	0	0	1	0	1
UNKNOWN VEHICLE	0	0	0	24	13	281	2	9	16	419	3	14	12	793
TOTAL	2	9	3	55	26	555	6	22	52	678	5	114	21	1548

Table – 4.8  
STATE V/S VICTIM (TOTAL ACCIDENTS) – 2016

STATE NAME	HTV'S	LGV'S	BUSES	CAR/TAXI	TSR	SC/MC	VICTIMS							TOTAL
							E_RICKSHAW	CYCLE RICKSHAW	CYCLIST	PEDESTRIAN	PASSENGERS	SELF	OTHERS	
ANDHRA PRADESH	0	0	0	0	0	2	0	0	0	3	0	0	0	5
BIHAR	0	0	0	0	0	1	0	0	0	0	0	0	0	1
CHANDIGARH	0	0	0	2	1	1	1	0	0	1	0	1	0	7
DELHI	4	33	18	219	103	1292	33	57	146	1275	43	194	37	3454
GOA	0	0	0	0	0	0	0	0	0	1	0	0	0	1
GUJARAT	0	0	0	4	0	2	0	0	0	0	0	0	0	6
HARYANA	7	12	7	77	21	323	6	6	30	198	1	26	12	726
HIMACHAL PRADESH	0	0	0	2	0	5	0	0	0	1	0	0	0	8
JAMMU AND KASHMIR	0	0	0	0	0	2	0	0	1	1	0	0	0	4
KARNATAKA	0	0	0	1	0	0	0	0	0	1	0	0	0	2
MADHYA PRADESH	0	0	0	0	0	4	0	0	1	0	0	1	0	6
MAHARASHTRA	0	0	0	1	0	2	0	0	0	2	0	1	0	6
MEGHALAYA	0	0	0	1	0	0	0	0	0	0	0	0	0	1
NAGALAND	0	0	0	0	0	1	0	0	0	1	0	0	0	2
PUNJAB	1	0	0	4	1	21	1	0	2	17	0	1	0	48
RAJASTHAN	1	1	0	6	1	17	1	0	2	16	0	2	1	48
TAMIL NADU	0	0	0	0	0	1	0	0	0	0	0	0	0	1
UTTAR PRADESH	0	3	0	25	12	101	1	1	6	72	0	6	1	228
UTTRAKHAND	0	2	0	1	0	2	0	0	1	1	0	1	1	9
WEST BENGAL	0	0	0	0	0	1	0	0	0	0	0	1	0	2
UNKNOWN STATE	3	15	4	77	60	1062	13	30	54	1436	11	35	10	2810
TOTAL	16	66	29	420	199	2840	56	94	243	3026	55	269	62	7375

Table – 4.9  
VICTIM V/S VEHICLE AT FAULT (FATAL ACCIDENTS)  
HARYANA STATE – 2016

VICTIMS	VEHICLE AT FAULT							TOTAL
	HTV'S	LGV'S	BUSES	CAR/TAXI	TRACTOR	SC/MC	OTHERS VEHICLE	
CAR	7	0	0	5	1	0	0	13
CYCLE	5	1	0	2	0	0	1	9
LGV'S	2	0	0	0	0	0	0	2
HTV'S	1	0	0	0	0	0	0	1
PASSENGER	0	0	1	0	0	0	0	1
PEDESTRIAN	18	6	1	22	3	2	0	52
SCOOTERIST/MC	51	6	1	11	1	0	1	71
SELF	1	0	0	5	3	3	0	12
TRACTOR	1	2	0	0	0	0	0	3
TSR	1	0	0	0	0	0	0	1
OTHER	2	0	0	0	0	0	0	2
TOTAL	89	15	3	45	8	5	2	167

Table – 4.10  
VICTIM V/S VEHICLE AT FAULT (TOTAL ACCIDENTS)  
HARYANA STATE – 2016

VICTIMS	VEHICLE AT FAULT								TOTAL
	HTV'S	LGV'S	BUSES	CAR/TAXI	TSR	SC/MC	UNKNOWN VEHICLE	OTHERS VEHICLE	
BUSES	6	1	0	0	0	0	0	0	7
CAR/TAXI	31	5	1	28	0	0	0	12	77
CYCLIST	12	3	1	10	0	1	1	2	30
CYCLE RICKSHAW	3	0	0	3	0	0	0	0	6
E_RICKSHAW	1	0	0	4	0	0	0	1	6
HTV'S	6	0	0	1	0	0	0	0	7
LGV'S	9	0	1	1	0	0	0	1	12
PASSENGERS	0	0	1	0	0	0	0	0	1
PEDESTRIAN	51	13	2	101	0	25	1	5	198
SELF	6	2	0	10	0	3	0	5	26
TSR	8	1	0	11	1	0	0	0	21
SCOOTERIST/MC	127	15	8	154	1	7	1	10	323
OTHERS	4	2	0	5	0	1	0	0	12
TOTAL	264	42	14	328	2	37	3	36	726

Table – 4.11  
VICTIM V/S VEHICLE AT FAULT (FATAL ACCIDENTS)  
DELHI – 2016

VICTIMS	VEHICLE AT FAULT									TOTAL
	HTV'S	LGV'S	BUSES	CAR/TAXI	GRAMIN SEWA	TSR	SC/MC	UNKNOWN VEHICLE	OTHERS VEHICLE	
BUSES	0	2	0	0	0	0	1	0	0	3
CAR/TAXI	1	3	5	5	0	0	0	0	0	14
CYCLIST	2	3	1	10	0	2	3	0	1	22
CYCLE RICKSHAW	1	1	1	5	0	0	5	0	0	13
E_RICKSHAW	0	1	1	0	0	1	0	0	0	3
HTV'S	0	0	0	0	0	0	0	0	0	0
LGV'S	1	1	1	3	0	0	0	0	0	6
PASSENGERS	0	0	1	0	0	0	0	0	0	1
PEDESTRIANS	10	19	34	68	5	7	41	0	3	187
SELF	0	4	2	16	2	3	53	0	1	81
TSR	0	0	2	7	0	1	0	0	1	11
SCOOTERIS/MC	16	32	34	59	3	3	20	0	2	169
OTHERS	0	1	0	2	0	1	1	0	0	5
TOTAL	31	67	82	175	10	18	124	0	8	515

Table -4.12  
VICTIM V/S VEHICLE AT FAULT (TOTAL ACCIDENTS)  
DELHI-2016

VICTIMS	VEHICLE AT FAULT									TOTAL
	HTV'S	LGV'S	BUSES	CAR/TAXI	GRAMIN SEWA	TSR	SC/MC	UNKNOWN VEHICLE	OTHERS VEHICLE	
BUSES	1	2	7	3	0	3	2	0	0	18
CAR/TAXI	18	20	20	144	0	7	9	0	1	219
CYCLIST	5	14	12	58	3	7	45	0	2	146
CYCLE RICKSHAW	1	2	5	29	1	5	14	0	0	57
E_RICKSHAW	2	5	4	17	0	3	1	0	1	33
HTV'S	1	0	0	2	0	0	1	0	0	4
LGV'S	3	4	4	17	0	2	3	0	0	33
PASSENGERS	0	0	43	0	0	0	0	0	0	43
PEDESTRIAN	28	92	98	510	21	54	462	2	8	1275
SELF	2	13	8	38	8	32	91	0	2	194
TSR	3	5	15	68	1	7	3	0	1	103
SCOOTERIST/MC	58	155	114	707	17	45	182	1	13	1292
OTHERS	0	9	2	15	3	2	6	0	0	37
TOTAL	122	321	332	1608	54	167	819	3	28	3454

\*\*\*\*\*