

A STUDY REPORT ON "AWARENESS OF TRAFFIC POLICE, COMMUTERS & OTHERS ON TRAFFIC RULES & SIGNS" IN PATNA-2017  
 [An Initiative of SANKALP JYOTI & SAFETY ALLIANCE]



**BE CAREFUL..., WE CARE...!**

**STOP, LOOK & GO**



**BE AWARE, BE SAFE, EVERY MOMENT...**

<b>Walk</b>	Use footpath or right side of road	Don't run or play on road	Wear bright clothes at night	Don't walk under loads
<b>Cross</b>	Stop, think, listen, cross	Don't cross in mid-road	Cross on Zebra crossing & use stairs/sub ways	Don't attempt to stop vehicles yourselves
<b>Cycle</b>	Check your shoe & laces before you ride	Don't cycle in the dark without reflectors	Obey traffic rules	No shouting and mobiles while riding
<b>Ride</b>	Wear your seat belts in car	No foot board	Hold onto motorbike when at rear	No disturbance to driver

**BE SAFE..., WE SAFE...!**



## INTRODUCTION

Road accident is one of the most common disasters worldwide. The degree of accidents varies from place to place and time to time. India has about 1 % of the world's vehicles but accounts for about 10 % of the World's Road Crash fatalities. Every 3.5 minutes one accident takes the life of one person in India. Bihar is on 10<sup>th</sup> position of road accidents in India, while Patna has jumped from 5<sup>th</sup> to 4<sup>th</sup> position in Road accident in India. This is an alarming condition of Patna. The statistics of Road Accidents & deaths in India & Bihar during the year 2016 was as below. (sources: www.missionroadsafety.com)

Accidents	India	Bihar
Total Accidents	480652	8222
Total Injured	494624	5651
Total Deaths	150785	4901

Deaths	India	Bihar
<18 years	10622	769
18-35 years	69851	2452
35-60 years	55732	1244
>60 years	8814	171
Unknown Age	5766	265

The World report on road traffic injury prevention calls for governments to make road safety a political priority, and highlights recommendations with regard to policy, legislation and enforcement, and development of institutional capacity to improve road safety [Peden et al., 2004].

According to our previous study on "Causes of Road Accidents in Patna" in 2016 the conclusion was the fact that drunken driving lead to accidents highest & tired driving is in lowest risk in leading highest road accident. Traffic safety rules, signs & awareness of road safety are mandatory to minimize the risk of road accidents not only in Patna but also in Bihar, whereas it was recommended that awareness on road safety rules, signs & proper training of traffic staff is required in Bihar. We also recommended that the better trainings of the learner drivers and testing techniques for issuing the licence will also reduce number of accidents. Awareness program on road safety from the student level will also assist in reducing the accidents at all levels. We should conduct road safety awareness campaign across the year.

## PRESENT STUDY

In continuation of the Road Safety Campaign with tag line "YES! I FOLLOW ROAD SAFETY RULES" Sankalp Jyoti & Safety Alliance again conducted another study on Road Safety in association with "Indian Road Safety Campaign & iSAFE" in Patna district of Bihar. The title of the study was "**AWARENESS OF TRAFFIC POLICE, COMMUTERS & OTHERS ON TRAFFIC RULES & SIGNS**". The study was conducted at ten high traffic points of Patna district of Bihar. These points are Dakbunglow chowk, Boring Road chowk, Kargil chowk, Patna City chowk, Dinkar Golambar chowk, Kankarbagh Auto Stand, Mithapur Bus Stand, Zero Mile, Anishabad Chowk, & Danapur Bus Stand from 28th August'2017 to 06th September'2017 & interacted with 25 persons (Bikers-05, Car Drivers-05, Auto Drivers-04, Heavy Vehicle Drivers-03 Rickshaw pullers-03, Cycling-02 & Pedestrian-03) at each point. The targeted respondents were Traffic Police, Administrative Police, Commuters & others.

Apart from the study we found that following causes are also responsible for road accidents:

- Uses of water bottles at driving seat
- Over age of commercial drivers result of low vision/inattentiveness
- Migration of drivers from rural traffic to urban traffic
- Use of laser light with high beam
- Irregular stoppage of vehicles
- Mix Traffic



# YES! I FOLLOW ROAD SAFETY RULES



## Age Wise Sample Distribution

Maximum numbers of respondents were young and teenagers as the largest group i.e. 64% respondents were belonging to the age group 15-35 years followed by 36-45 years age group 34%. The older respondents i.e., between the age group 46-60 years were only 2% of the total sample population.

## Profile of the Respondents:

In this survey 179(68%) male & 82(32%) female were participated. The age group of respondent was above 15-18 years (19%), 19-30 years (62%), 31-40 years (14%) 41-50 Years (3%) and 51 Above (2%) out of 261 were actively participated. 83 respondents were Two wheeler, 54 respondents were LMV, 33 respondents were HMV, 59 respondents were pedestrian, 32 respondents were Three wheeler driver out of 261 respondents. In this survey, we also targeted 37 traffic police to find out their awareness level on traffic rules & signs. We found a remarkable sign of awareness level among the interacted deputed traffic police i.e. only 12% have sufficient knowledge on traffic rules & signs out of 37 traffic police.

## Recommendations:

From this study we recommended that awareness & training on road safety rules & signs is needed not only for vehicle drivers but also for commuters & traffic police. Infrastructure development for road safety is missing and hence develops sub-way & foot over bridge on the roads. We would have to careful on awareness to use right way of seat belt, road safety signs, use of horn in vehicles, parking of vehicles and required documents to make driving license.

## Conclusion:

From this study it is concluded that the maximum number of commuters violated the traffic rules & signs despite they have much knowledge & don't follow other than the commuters with lack of awareness. They are more hazardous than others. It has been also observed that the deputed traffic police have not much knowledge on road safety rules & signs. The administration of Patna will have to take immediate action on it & prepare action to manage the violation of traffic rules by capacity building & awareness of themselves on it.

Compile Response Data Sheet												Total Number of Respondent: 261	
S.No.	Awareness about the Traffic Rules & Signs	Low	%	Average	%	High	%	Very High	%	Total	Know, But Don't Follow	%	
1	Awareness about the required documents for the registration of Vehicles	93	35	58	22.2	62	23.75	48	18.39	261	28	10.7	
2	Awareness about the required documents for the registration of Driving License	24	9.1	56	21.5	73	27.96	108	41.37	261	76	29.1	
3	Awareness about the Type of Driving License	34	13	62	23.8	74	28.35	91	34.86	261	0	0	
4	Awareness about to keep distance between two moving vehicles	196	75.1	27	10.3	22	8.42	16	6.13	261	24	9.19	
5	Awareness about parking of Vehicles	53	20.3	43	16.5	68	26.05	97	37.16	261	133	51	
6	Awarenes about the White, Yellow & Dotted Traffic Lines	211	80.9	19	7.27	16	6.13	15	5.74	261	12	4.59	
7	Awareness about to move on Left lane on Road	42	16.1	34	13	62	23.75	123	47.12	261	83	31.8	
8	Awareness to drive the vehicles on road during pick hour of Traffic	23	8.81	63	24.1	77	29.5	98	37.54	261	57	21.8	
9	Awareness about the safety of Pedestrian during rainy season	154	59	53	20.3	32	12.26	22	8.42	261	15	5.74	
10	Awareness about to use the Horn in vehicles	18	6.89	17	6.51	20	7.66	206	78.92	261	156	59.8	
11	Awareness about to Stop the vehicles during emergency	167	64	46	17.6	24	9.19	24	9.19	261	67	25.7	
12	Awareness to use Emergency Light during driving	178	68.2	29	11.1	32	12.26	22	8.42	261	12	4.59	



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13	Awareness to control the speed of Fast Moving Vehicles	57	21.8	54	20.7	59	22.6	91	34.86	261	18	6.89
14	Awareness about All Road Safety Signs	206	78.9	14	5.36	19	7.27	22	8.42	261	146	55.9
15	Awareness about to give way of Following Moving vehicles	43	16.5	67	25.7	54	20.68	97	37.16	261	47	18
16	Awareness about No Crossing Road Signs	42	16.1	57	21.8	68	26.05	94	36.01	261	53	20.3
17	Awareness about Emergency breathing to the victims of Road Accident	102	39.1	42	16.1	52	19.92	65	24.9	261	0	0
18	Awareness about First-Aid to the victims of Road Accident	108	41.4	62	23.8	59	22.6	32	12.26	261	48	18.4
19	Awareness to refer the Victims to nearest Hospitals	56	21.5	58	22.2	69	26.43	78	29.88	261	87	33.3
20	Awareness to use the right way of Seat Belt	23	8.81	26	9.96	76	29.11	136	52.1	261	132	50.6
21	Awareness to use right way of Helmet	15	5.74	15	5.74	34	13.02	197	75.47	261	88	33.7
22	Awareness to move Safely on Road by foot	42	16.1	55	21.1	67	25.67	97	37.16	261	96	36.8
23	Awareness about right use of Traffic Light	17	6.51	23	8.81	29	11.11	192	73.56	261	58	22.2
24	Awareness about Driving of Two-Wheelers	12	4.59	18	6.89	56	21.45	175	67.04	261	0	0
25	Awareness about Driving of Three-Wheelers	134	51	52	19.9	36	13.79	39	14.94	261	0	0
26	Awareness about Driving of Four-Wheelers	63	24.1	87	33.3	54	20.68	57	21.83	261	0	0
27	Awareness about Driving of Heavy Vehicles	196	75.1	34	13	17	6.51	14	5.36	261	0	0
28	Do you learn to Drive the vehicles yourself?	56	21.5	62	23.8	58	22.22	85	32.56	261	0	0
29	Do you learn to Drive the vehicles by training school?	34	13	42	16.1	58	22.22	127	48.65	261	0	0

सहयोग आपकी, सुरक्षा सबकी

YOUR'S CO-OPERATION, SAFETY FOR ALL

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