

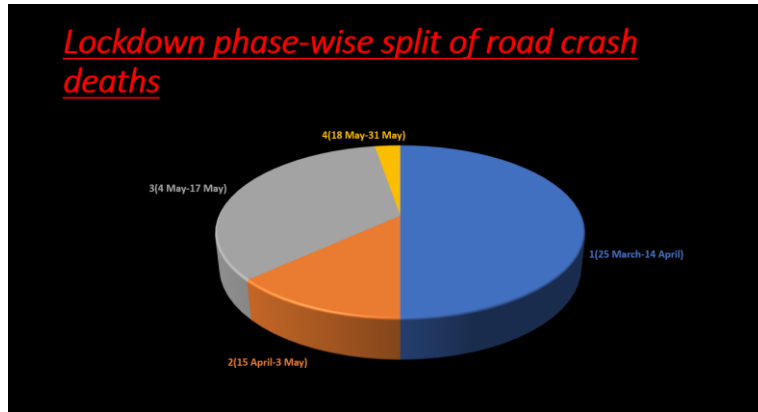
ROAD ACCIDENTS AND LOCKDOWN IN INDIA

Points to be considered for the case summary:-

Lockdown phase period (24th march to 31st may)vs the road accidents stats

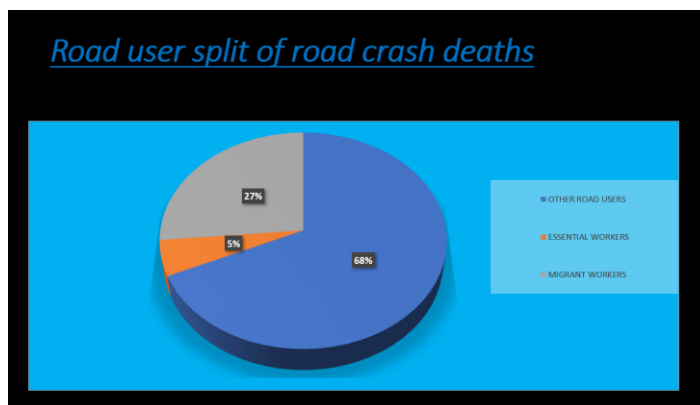
- Overall, 750 road crash deaths in 1,461 crashes have been recorded in the country over a COVID lockdown period of over two months.

PHASE-WISE SPLIT OF ROAD CRASH DEATHS:-



PHASE OF LOCKDOWN	ROAD CRASH DEATHS	MIGRANT DEATHS	GENERAL DEATHS	ESSENTIAL WORKER DEATHS	% OF TOTAL DEATHS
Phase 1: 25 March -14 April	67	25	36	7	9%
Phase 2: 15 April - 3 May	70	17	42	10	9%
Phase 3: 4 May -17 May	291	118	161	12	39%
Phase 4: 18 May - 31 May	322	38	273	11	43%
TOTAL	750	198	512	40	100%

- ROAD USER SPLIT OF ROAD CRASH DEATHS DURING LOCKDOWN :-** Migrant workers killed during their commute back home comprise 26.4% of the overall deaths during the lockdown whereas essential workers comprise 5.3% of the total deaths. 68.3% of the overall deaths involve general/other road users.



TYPE OF ROAD USER	NUMBER OF CRASH DEATHS	PERCENTAGE
MIGRANT WORKER	198	27
OTHER ROAD USERS	512	68
ESSENTIAL WORKER	40	5
Total	750	100%

Table 1: Road User Split of Road Crash Deaths

○ **ROAD CRASH BY REPORTED CAUSE/INCIDENT TYPE**

In terms of a causal analysis, the top causes are collisions and speeding. Vehicle on vehicle collisions constituted the single biggest incident-type responsible for 43% of all road crash deaths. Over-speeding was reported to be involved in 15% of the total deaths. Vehicle collision with roadside objects contributed to 9% of the total deaths. Pedestrian runovers led to 9% of total deaths.

S.NO	REPORTED CAUSES/ INCIDENT TYPE	DEATHS MIGRANTS	DEATHS GENERAL ROAD USERS	DEATHS ESSENTIAL WORKERS	TOTAL DEATHS
1	Vehicle On Vehicle Collision	70	237	17	324
2	Speeding	49	52	8	109
3	Vehicle Collision with Objects	2	60	6	68
4	Vehicle Overturn	32	29	5	66
5	Pedestrian Run Over	21	43	2	66
6	Vehicle Fell off	-	36	-	36
7	Driver Error	10	25	-	35
8	Others	7	17	2	26
9	Cyclist Run Over	7	13	-	20
	TOTAL DEATHS	198	512	40	750

Table 3: Causal Split of Road Crash Deaths

○ **MODAL SPLIT OF ROAD CRASH DEATHS DURING LOCKDOWN**

In terms of the mode of transport, 31% of the road users who were killed in road crashes were two-wheeler or three-wheeler riders followed by 23% of the road users who were commuting in private cars at the time of the crash. 44% of migrant deaths involve an HMV goods road user.

SL.NO	MODE OF TRANSPORT	DEATHS MIGRANTS	DEATHS GENERAL ROAD USERS	DEATHS ESSENTIAL WORKERS	TOTAL DEATHS
1	Two W/3 Wheelers	26	185	20	231
2	4 Wheeler	7	156	8	171
3	HMV (Goods)	87	37	4	128
4	Pedestrians	37	51	1	89
5	LCV	8	30	2	40
6	Others	8	22	4	34
7	Cyclists	8	22	1	31
8	HMV (Passengers)	17	9		26
	TOTAL	198	512	40	750

Table 4: Modal Split of Road Crash Deaths