

Accident Research Cell Addl. Director General of Police (Traffic) Maharashtra, Mumbai 400020

## Maharashtra Road Crash Report 2021

**Report By** 



**HIGHWAY POLICE, MAHARASHTRA STATE** 

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## DEPUTY CHIEF MINISTER MAHARASHTRA STATE

## **MESSAGE**

In the last few decades India's road network has grown manifold, now ranking as the third largest in the world. Vehicle population has also increased tremendously. With improved highways and advanced automobile engineering, unfortunately road crashes have also increased. Around 1,55,000 lives are lost every year in road crashes in India. Maharashtra is India's third-largest State, and therefore along with the benefits of better road network and connectivity, it also faces a huge burden of road crashes which is a key challenge to overcome. About 13,000 people die each year on the roads in the State.

Roads, together with the road-users and the vehicles, play a key role in the cause of crashes on the roads and highways. The geometric design of new roads and the safe management of traffic on existing roads have been critical in safety considerations in efforts to reduce trauma on roads of the State. Safer roads are critical for everyone as the road crashes have an impact on the country's economy with loss of 3.7% of GDP.

Road crashes an fatalities can be reduced by avoiding dangerous speeding and drunken-driving by the motorists themselves as also by adhering to safety measures, such as by helmet-clasping and seat belt fastening while driving. Better trauma management services along the highways save many precious lives. Better compliance with motor vehicle laws also goes a long way in improving road discipline and preventing crashes.

Road crashes can also be prevented with evidence-based measures such as designing our roadways and cities in ways that prioritise safety. This study before you is undertaken with the intention of ensuring that all the stakeholders together take critically needed steps to reduce road deaths, it is done so with all evidence and data at hand. Only with accurate and updated information on the status of crashes across the State, can we know where and how to present them in the future. As the saying goes: "If you can't measure it, you can't manage it."

I take the opportunity to congratulate the State Highway Traffic Police of Maharashtra for their efforts to develop this important report. I am sure this report will go a long way in planning evidence-based preventive measures for ensuring road safety in the State.

Devendra Fadnavis







## **FOREWORD**

Road crash fatalities and injuries are the most visible causes of concern for all of us in the years ahead. With 13,000+ fatalities and 23,000 injured on various roads all over Maharashtra raises an alarm for everyone to do something concrete to reduce these numbers as early as possible. Road safety reflects an approach of shared responsibility by local governments, law makers, law enforcement agencies, medical infrastructure, active citizens and communities at large.

Road safety involves collective efforts and teamwork by different agencies aiming toward one single goal i.e., save lives on the roads. In this regard, law enforcement agencies like police, transport department and civic bodies play a most visible and crucial role to act toward making our cities safe for pedestrians as well as vehicles. Although the number of road crashes were reduced during the last 2 years mainly due to the covid pandemic, it is the responsibility of all to ensure that road crashes are reduced in spite of rising vehicular and pedestrian population by effective enforcement and road safety awareness.

The notable increase in the fines and provisions provided in the amendments in the Motor Vehicles Act in the year 2019 aims to efectively enforce the law on first time of enders and repeat of enders too. In coming years, Highway Police, Maharashtra will be enhancing speed enforcement on Mumbai–Pune, Mumbai-Nashik and Mumbai-Nagpur expressways as well as all other upcoming highway networks of approximately 17,000 kilometers which will connect 36 districts and townships all over Maharashtra. We have also planned to use proven methods and technology to carry out efcient and efective enforcement for road safety.

I congratulate the Highway Police team for an excellent effort for publishing this booklet. I encourage them to continue the effort for better implementation of road safety strategies.

RAJNISH SETH









## **PREFACE**

Development is an opportunity for every state to achieve socio-economic growth within its society but it is extremely important that this development should also teach us to avoid costly mistakes like road crashes which drastically afect the society and the progress made by the various developments. We need to create roads and transport systems that reduces this burden by following traffic rules and propagating road safety objectives.

Road crash deaths are globally recognized as a serious public hazard and it is of much serious concern in our country. It is indeed an alarming situation for all of us associated with road traffic management and road safety.

Systematic analysis of road crashes data plays a vital role for effective enforcement and taking improved road safety measures.

This report represents a comprehensive analysis of road crash data for the state of Maharashtra which I am sure shall help enforcement and engineering efforts to be better planned in order to prevent road crashes within the state.

Through this report we will now have more evidence-based and target-oriented enforcement efforts which I am sure will help in prevention of road crashes, deaths and injuries in the state of Maharashtra.

I am sure that together with support & efforts like the Bloomberg Philanthropies Initiative for Global Road Safety, in crash data collection, proven data-based enforcement practices and concepts like Safer Roads – Safer Mobility by Save life Foundation and Resilient India would yield good results to reach our goal of reducing road crashes by 50 % by the year 2025.

K. K. Sarangal

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## **Executive Summary**

Each year, a staggering 1.35 million people are killed on roadways around the world and millions are injured or disabled. Road crashes are estimated to be the eighth leading cause of death globally for all age groups and the leading cause of death for children and young people in the 5-29 age group.

India accounts for the highest number of road crashes globally, with 1.5 lakh people being killed and more than 4.5 lakh crippled annually in 4.5 lakh road crashes with losses amounting to 3.14% of the GDP.

Maharashtra has reported 13,528 deaths which is an increase of 14% in numbers since 2020. Two and three wheeler occupants topped in the number of deaths and non-fatal injuries of all road users. Two and three wheelers accounted for 54% of all deaths, followed by pedestrians with 20%. The vulnerable road users including pedestrians, two and three wheeler occupants and cyclists accounted for 75% of total deaths. In addition, two and three wheeler occupants accounted for 51% of non-fatal injuries, followed by pedestrians with 17%. A total of 69% of non-fatal injuries involve vulnerable road users.

Men between 25 to 45 years of age accounted for most deaths and non-fatal injuries. Most two wheeler deaths and injuries were caused by other two wheelers and cars.

Fatal and non-fatal crashes dropped in the month of April 2021. Furthermore, fatal crashes often peak at 18:00 to 21:00 hours. About 45% of all crashes occur on the other roads across Maharashtra.

National highways and State highways account for 54% of deaths but make up for only 16% of the road network length in Maharashtra.

Out of 13,528 fatalities, 41% of deaths (i.e. 5614) occurred in ten units specifically Mumbai City (387), Aurangabad Rural (405), Beed (424), Nagpur Rural (466), Satara (486), Jalgaon (527), Solapur Rural (553), Ahmednagar (706), Pune Rural (798) and Nashik Rural (862).

This report provides the detailed road safety situation in Maharashtra empowering stakeholders to develop evidence-based interventions and programs which ultimately save lives on the road.

## Introduction

## INTERNATIONAL TREND

Roads across the globe see varied users ranging from cars, cabs, buses, trucks, motorcycles, mopeds, bicycles, carts, pedestrians, animals, pets and a lot more. The economic and social development of a country has direct relation to its road infrastructure and the travel and transport supported by it. Ironically, each year, these very factors of development also bring with it several miseries. Road crashes lead to millions of deaths and injuries.

Each year, a staggering 1.3 million people are killed on roadways around the world and millions are injured or disabled. Road crashes are estimated to be the eighth leading cause of death globally for all age groups and the leading cause of death for children and young people in the 5-29 age group. More than half of all road traffic deaths occur among young adults aged 15-44. More than half of all road traffic deaths are among vulnerable road users, i.e., pedestrians, cyclists, and motorcyclists.

Over 90% of all road fatalities occur in low and middle-income countries, which have less than half of the world's vehicles. Road traffic injuries cause considerable economic losses not only to individuals and their families but also to nations as a whole. These losses arise from the cost of treatment as well as lost productivity for those killed or disabled by their injuries, and for family members who need to take time off work or school to care for the injured. Road traffic crashes alone cost most countries an alarming 3% of their gross domestic product.

The 3<sup>rd</sup> Global Ministerial Conference on Road Safety was held in Stockholm on 19<sup>th</sup> and 20<sup>th</sup> February, 2020, to review the achievements during the decade and suggest the way forward for the decade 2021-2030. The Conference noted that while the target of 50% reduction during the decade 2011-2021 was not achieved, the number of fatalities had stabilized against population and number of vehicles; the decade also witnessed a growing awareness among governments for the need to address this issue comprehensively and with a sense of urgency. The conference aimed at a target of 50% reduction in death and injuries by 2030 and 'Vision Zero' by 2050.

## **NATIONAL TREND**

The Indian road network, spanning over 5 million kilometers, carries almost 90% of the country's passenger traffic and about 65% of the goods. According to a recent World Bank report, India accounts for the highest number of road crashes globally, with 1.5 lakh people being killed and more than 4.5 lakh crippled annually in 4.5 lakh road crashes with losses amounting to 3.14% of the GDP.

70% of deaths are in the working age group of 18 to 45 years old. There are 415 deaths per day in road crashes in India and 78% of road crash deaths are of two-wheeler riders, bicyclists and pedestrians.

## **MAHARASHTRA TREND**

The number of road crashes in Maharashtra has come down in the last three years due to the "Intelligent Traffic Management System" initiatives with defined steps taken to curb over-speeding by the Police in the State.`

Maharashtra, one of the most developed States in India, has the largest road network. Over 99.5% of the villages in the State were connected by all-weather roads as of March 2018. Maharashtra has over 17,725 km of National Highways, 29,029 km of State Highways and 63,886 km of other roads.

Road networks are vital to the economic development, trade and social integration for any region. The road infrastructure in the State is managed by various local bodies including the Public Works Department (PWD), Municipal Corporation/Municipal Council/Nagar Panchayats, Cantonment Boards, Maharashtra State Road Development Corporation (MSRDC), Forest Department, Maharashtra Industrial Development Corporation (MIDC), City and Industrial Development Corporation (CIDCO) etc. The infrastructure of National Highways is managed by the National Highway Authority of India (NHAI), but some national highways are managed by PWD and MSRDC.

The apex transport body, MSRTC, brings connectivity across the State by operating more than 18,000 buses for its citizens in towns and remote villages. The transport service, popularly known as ST buses, is the most popular choice for all intra-state travel. Additionally, private buses complement to extend the much required choices and massive demand.

## Major Reasons for road traffic crashes in Maharashtra

Road traffic crashes are a result of a combination of factors including - roads, the environment, road engineering, vehicles and road users and the way they interact. These factors, along with insufficient traffic knowledge regarding speed limits, vehicle handling, road signages, etc., which are primarily human factors, greatly aggravate the exposure to risk of road crashes.

Listed below are the most common mistakes or human errors reported by highway police in Maharashtra, which lead to crashes:

- Over-Speeding
- Drunken Driving
- Red Light Jumping
- Avoiding Safety Gears like Seat belts and Helmets
- Non-adherence to lane driving and overtaking from the right side or without giving an indication
- Wrong-side driving

No Parking, Over Speeding, Driving Without Seat Belts, Signal Jumping and Riding without Helmet are amongst the top five traffic violations for which people are fined.

## Human Factors

Drunken driving, over-speeding, distractions, not following traffic rules, and reckless driving are some of the factors that contribute to road traffic crashes. Driver fatigue, sleepiness, inadequate use of helmets and safety belts, medical conditions (sudden illness, myocardial infarction, impaired vision), psychological factors (risk-taking, impulsiveness or aggressiveness, lack of focus, distress), incorrect judgment, delayed or lack of reflexes and decisions, poor perceptions, and distraction while driving (using mobile phones) also are human factors responsible for road traffic crashes.

## Road design and environmental risk factors

These are road related factors such as defective or narrow roads, defective layout of junctions, insufficient and poor use of road furniture like road markings, cat eyes, signage, etc., poor lighting, poor construction, bad design, use of low quality material in roads. Ditches and potholes also contribute to road traffic crashes.

## ❖ Vehicular factors

Conditions of vehicles plying the roads play a major role in road traffic crashes. Excessive speed, poorly maintained vehicles, worn-out tyres and overloaded vehicles are amongst the leading factors of crashes associated with vehicles.

## **Preventive measures**

Many road traffic crashes and deaths are preventable. Some of the preventive measures are briefly outlined below:

## Vehicles

Well-maintained vehicles with good brakes, lighting, tyres, reflectors, etc. help to reduce crashes. Old, stressed and highly polluting vehicles should be phased out gradually. All vehicles should be mandatorily provided with safety provisions like airbags, seat belts, anti-skid tyres. Enforcing the use of safety devices can help reduce crashes

## \* Road design and environmental factors

Road design and engineering with proper lighting can help reduce road crashes. Roads should be well maintained with frequent re-laying of road surfaces and markings of road safety signs including speed limits. Proper footpaths should be provided for pedestrians and pedestrian crossings at intersections. Separate lanes should be provided for slow and fast-moving vehicles. Roads and junctions should be wide and well-lit so that visibility is good. Road designs should provide drivers with visual cues about appropriate speed.

## Human factors

Drivers have a major role to play in reducing crashes. Issuance of driving licenses should be strictly based on the optimum proficiency acquired by the learners from designated driving schools. Driver training and a valid driving license are essential to curb the occurrence of crashes. Education of the drivers and passengers about traffic rules, periodic medical checkups especially, vision and hearing for the drivers, will help impart discipline and avoid crashes. Stringent penalties/fines (amendment in MVA) for traffic rule violators can be a deterrent to various traffic rule omissions and help in curbing road crashes. Ensuring use of road safety devices (helmets, belts, etc.) will be helpful. Overcrowded passenger vehicles should culminate in cancellation of permits. Setting up of trauma care centers, training of police personnel, teachers, paramedics, etc., will contribute majorly in efficient handling of Crash relief work. Restricting stray animals like cattle, removal of encroachments on footpaths, defining road margins and preventing haphazard parking of vehicles on busy roads and intersections will enable smooth flow of traffic.

## Management of crash injury victims

The importance of the "Golden Hour" in giving adequate and timely treatment to the crash victims for saving the injured should be highlighted to both the vehicle users and the community. There should be a provision of medical care/first-aid facilities on highways and busy roads as well as the provision of well equipped ambulances and trained personnel in shifting and transporting the injured to nearby hospitals for treatment. Awareness creation amongst all sections of the society to treat Crashes victims with sympathy and without fear should be taken up so that mortality can be reduced.

Last 3 years Statistics of road crashes in Maharashtra

	Road Accidents In Maharashtra-2021									
	Fata	al	Greviou	s Injury	Mino	r Injury	Without	Total	Total Deaths	
Year	Crashes	Killed	Crashes	Injured	Crashes	Injured	1	Accidents	& Injuries	
2019	<b>1</b> 1,787	12,788	12,197	19,152	5,473	9,476	3,468	32,925	41,416	
2020	10,773	<b>1</b> 1,569	9,094	13,971	3,432	5,943	1,672	24,971	31,483	
2021	12554	13528	10867	16073	4009	6998	2047	29477	36599	
Difference (2020-21) %	+17	+17	+19	+15	+17	+18	+22	+18	+16	

The above statistics show an increase in fatalities and Grevious injuries in 2021 as compared to 2020. There is an increase of 17% in fatalities, 15% Greviously injured and 18% in total crashes respectively in 2021, as compared to 2020. Out of 13,528 fatalities, 41% of deaths (i.e. 5614) occurred in ten units specifically Mumbai City (387), Aurangabad Rural (405), Beed (424), Nagpur Rural (466), Satara (486), Jalgaon (527), Solapur Rural (553), Ahmednagar (706), Pune Rural (798) and Nashik Rural (862)

As compared to 2020, in 2021, Buldhana district showed the greatest decrease in fatalities by 18% followed by Thane Rural with a 15% reduction in fatalities and Palghar stood third with 11% reduction in fatalities.

The highest number of crashes (2961) and fatalities (1,347) have been reported in the month of January 2021. This could be the result of lesser mobility restrictions.



## Maharashtra State Road Crash Statistics 2021

## **FATAL CRASHES AND FATALITIES 2017-2021**

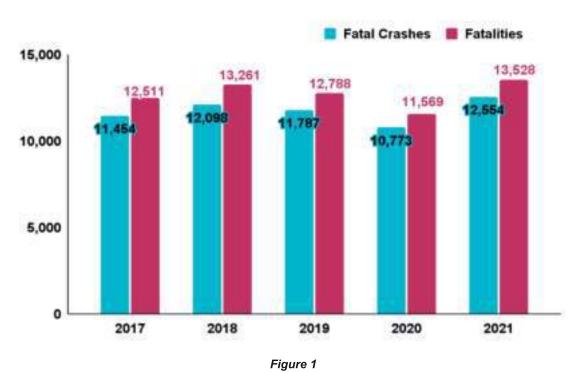


Figure 1 shows a five year trend in the number of crashes and deaths in Maharashtra. Maharashtra has reported 13,528 deaths in 12,554 fatal road crashes in 2021. The number of deaths has increased by 14% since 2020.

## **INJURY CRASHES AND NON-FATAL INJURIES 2017-2021**

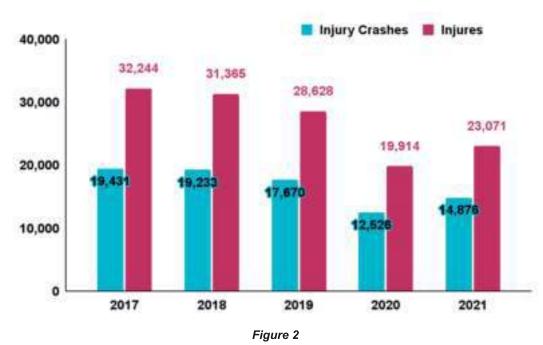


Figure 2 shows Maharashtra reported 23,071 non-fatal injuries in 14,876 injury crashes. Similar to the deaths reported, non-fatal injuries have increased by 14% since 2020.

## TREND IN ROAD CRASH DEATHS BY ROAD USER 2017-2021

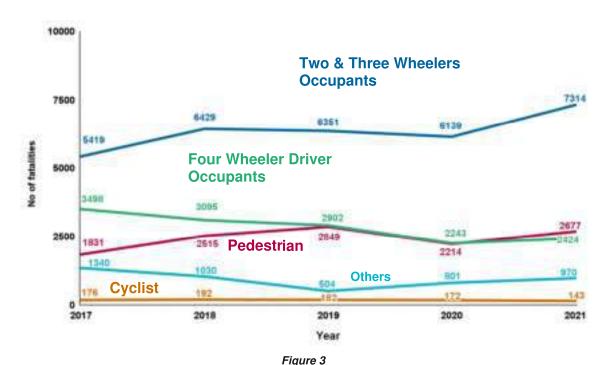


Figure 3 shows the road crash deaths were highest among two & three-wheeler riders in 2021. These 7314 deaths include 6943 two-wheeler riders and 371 three-wheeler (auto rickshaw) occupants.

## TREND IN ROAD CRASH INJURIES BY ROAD USER 2017-2021

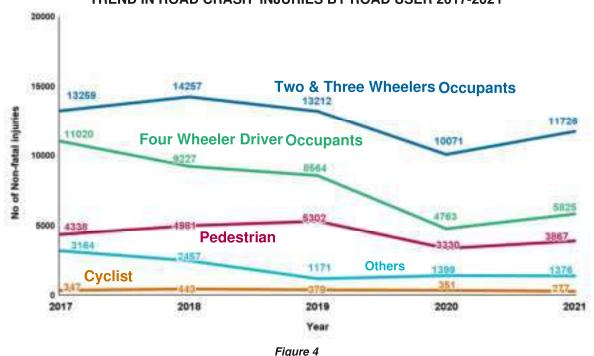


Figure 4 shows similar to deaths, road crash injuries were most frequent among two & three-wheeler riders in 2021. These 11726 injuries include 10629 two-wheeler riders and 1097 three-wheeler (auto rickshaw) occupants.

## **ROAD CRASH DEATHS BY ROAD USER TYPE 2021**

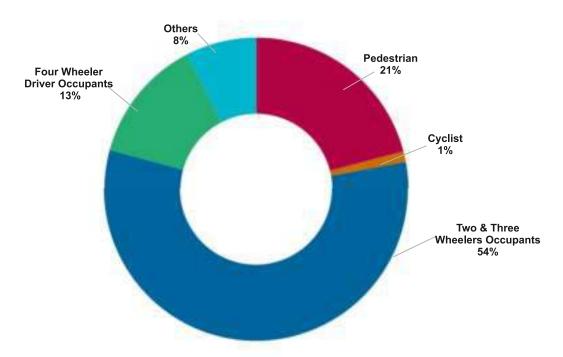


Figure 5

The above figure shows two & three-wheeler occupants accounted for 54% of deaths. A total of 75% of deaths were among vulnerable road users, which includes pedestrians, motorcyclists, three wheeler occupants, and cyclists.

## **NON- FATAL INJURIES BY ROAD USER TYPE 2021**

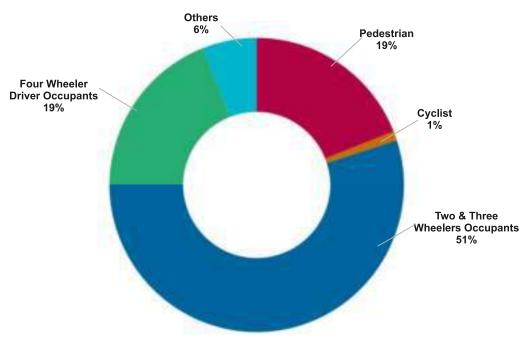


Figure 6

Figure 6 shows the two & three-wheeler occupants accounted for 51% of non-fatal injuries. The vulnerable road user accounted for 69% of non-fatal injuries.

## **ROAD CRASH DEATHS BY AGE GROUP AND GENDER 2021**



Figure 7

Figure 7 shows most road crash deaths occurred among young men between 25 and 45 years of age. Women of similar age groups show a small rise in the number of deaths. The above chart does not include the victims with unknown age and gender, recording 160 numbers of deaths

## **NON-FATAL INJURIES BY AGE GROUP AND GENDER 2021**



Figure 8

Figure 8 shows the non-fatal injuries were concentrated in men and women aged 25 to 45. The above chart does not include the victims with unknown age and gender, recording 313 numbers of non-fatal injuries

## **FATAL CRASHES BY MONTH 2020-2021**

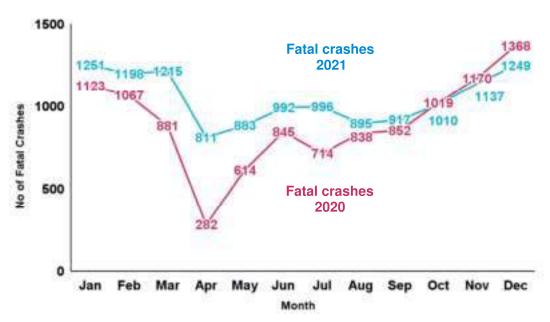


Figure 9

Figure 9 shows the number of fatal crashes by month for 2021. Fatal crashes dropped in the months of April 2020 and 2021. The figures resulted from mobility restrictions in both years across the state.

## **NON-FATAL CRASHES BY MONTH 2020-2021**

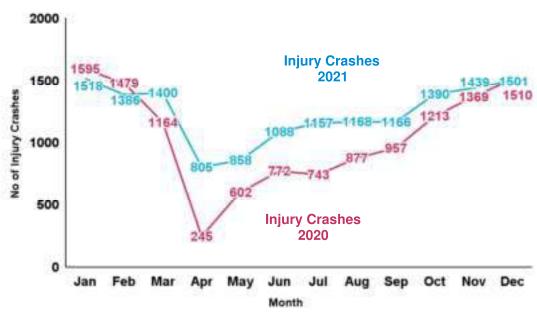


Figure 10

Figure 10 shows similar to the fatal crashes, the non-fatal injury crashes show a drop in the number of injuries in the months of April 2020 and 2021.

## **ROAD TRAFFIC CRASHES BY TIME OF DAY 2021**

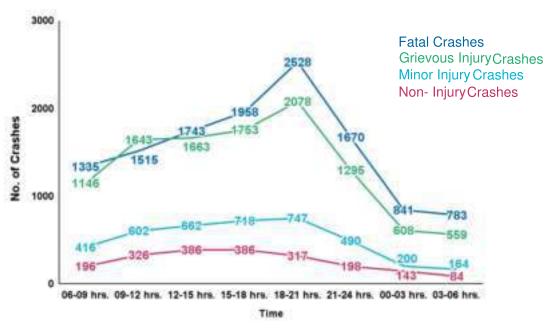


Figure 11

Figure 11 shows fatal crashes and grevious injury crashes were more frequent between 18:00-21.00 hours. Crashes with missing time making up to 324 crashes are not included in the above chart

## **FATAL CRASHES BY CLASSIFICATION OF ROADS**

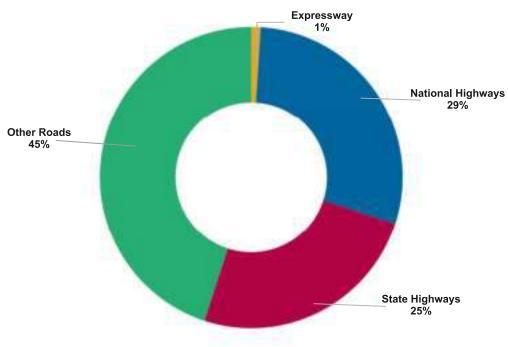


Figure 12

Figure 12 shows national highways made up 29% of fatal crashes but make up only 6% of the road network length in Maharashtra. Likewise, state highways account for 25% of fatal crashes, though they make up only 10% of the Maharashtra road network length.

## ROAD CRASH DEATHS BY CLASSIFICATION OF ROAD

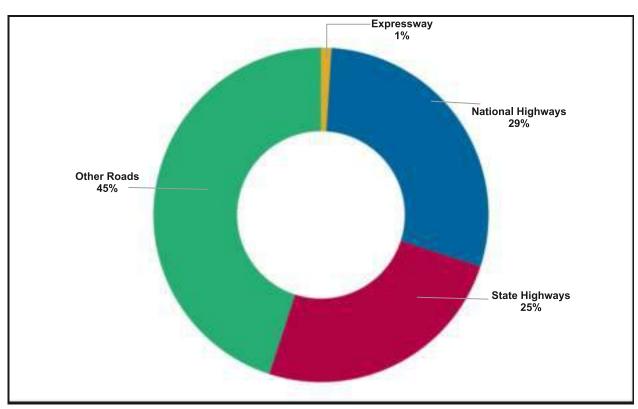


Figure 13

Figure 13 shows similar to fatal crashes, national highways made up 29% and state highways made up 25% of all deaths. These roads together make up only 16% of the road network length in Maharashtra

## AT-FAULT VEHICLES & FATAL CRASH VICTIM ROAD USER TYPES

Victim / Vehicle	Two Wheelers	Auto Rickshaws	Cars, Taxis, Vans & LMV	Trucks/Lorries	Buses	Others	Total
Pedestrian	582	80	774	532	105	604	2677
Bicycles	32	5	49	29	4	24	143
Two Wheelers	2177	228	1653	1317	147	1421	6943
Auto Rickshaws	5	54	141	92	11	68	371
Cars, Taxis, Vans & LMV	3	0	749	616	28	293	1689
Trucks/Lorries	0	0	0	455	34	154	643
Buses	0	0	0	59	23	10	92
Others	65	20	111	189	32	553	970
Total	2864	387	3477	3289	384	3127	13528

Table 1

Table 1 shows which types of vehicles were responsible for which type of road user victim. The highest number of two wheeler deaths occurred in two wheeler crashes; this category includes both single vehicle crashes and those where another two-wheeler was involved followed by light, heavy vehicles, and other vehicles in approximetly equal propertion.

## AT-FAULT VEHICLES & NON-FATAL CRASH VICTIM ROAD USER TYPES

Victim / Vehicle	Two Wheelers	Auto Rickshaws	Cars, Taxis, Vans & LMV	Trucks/Lorries	Buses	Others	Total
Pedestrian	1513	316	1072	383	130	453	3867
Bicycles	137	8	79	21	11	21	277
Two Wheelers	3568	496	3465	1503	247	1350	10629
Auto Rickshaws	43	211	412	222	29	180	1097
Cars, Taxis, Vans & LMV	14	15	1945	1163	128	752	4017
Trucks/Lorries	0	0	26	682	54	345	1107
Buses	0	0	2	337	223	139	701
Others	47	19	247	206	61	796	1376
Total	5322	1065	7248	4517	883	4036	23071

Table 2

Table 2 shows similarly among non-fatal injuries and the vehicles at fault, two wheelers were most frequently injured in two wheeler crashes involving single vehicles and other two wheelers.

## TRAFFIC VIOLATIONS IN FATAL CRASHES

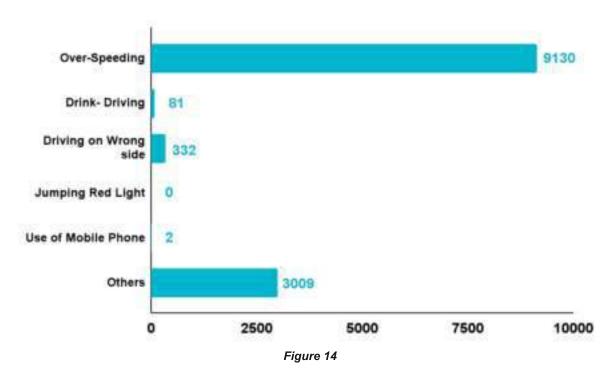


Figure 14 shows the traffic violations citations associated with fatal crashes in 2021

## TRAFFIC VIOLATIONS IN NON FATAL INJURY CRASHES

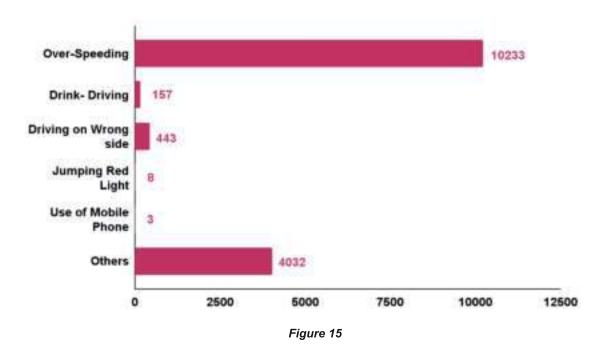


Figure 15 shows the traffic violations citations associated with non-fatal injury crashes in 2021.

## MOTORCYCLISTS DEATHS WITH / WITHOUT HELMET

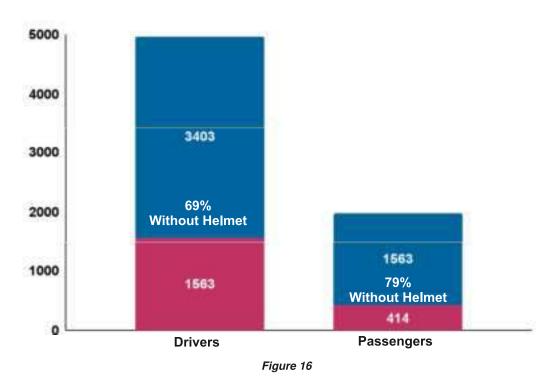


Figure 16 shows that 69% of motorcyclists & 79% of passengers who died in crashes were not wearing clasped helmets.

## FOUR WHEELER OCCUPANTS DEATHS WITH / WITHOUT SEAT BELT

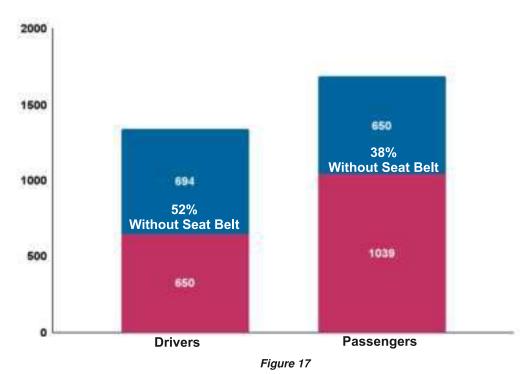


Figure 17 shows that 52% of four wheeler drivers & 38% of passengers who died in crashes were not wearing seat belts.

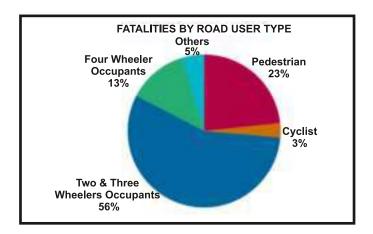
# District Wise Road Crash Report-2021

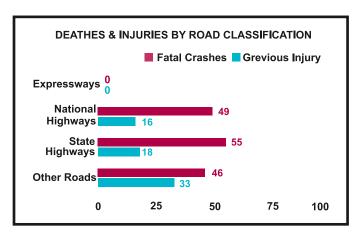
## **AKOLA**

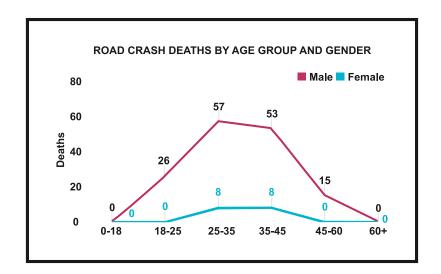
**Total Crashes: 399** 

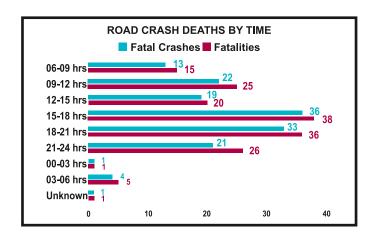
Fatal Crashes: 150

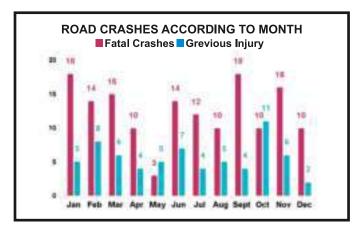
Fatalities: 150











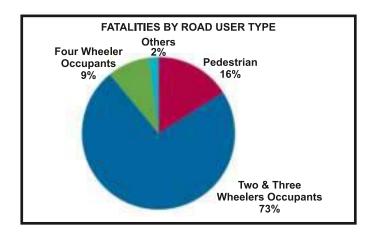
- 82% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 150 fatal crashes 45% were head-on collisions.
- Out of 167 deaths 46% were caused by head-on collision crashes.

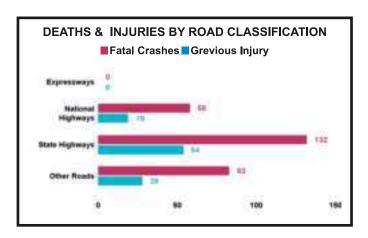
## **AMRAVATI (RURAL) 2021**

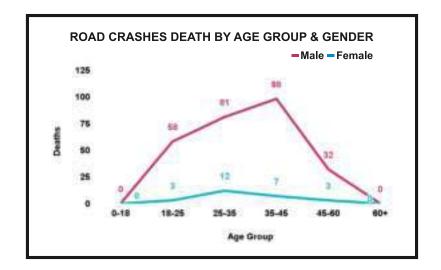
**Total Crashes: 528** 

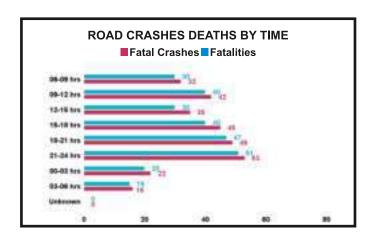
Fatal Crashes: 273

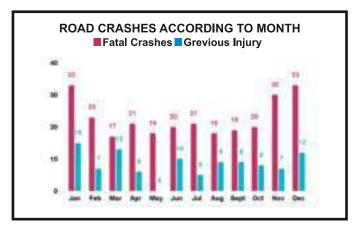
Fatalities: 294









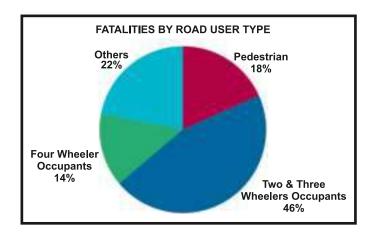


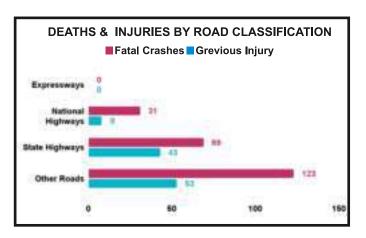
- 89% of fatalities were amongst vulnerable road users, which include, pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 192 fatal crashes 70% were hit & run.
- Out of 201 deaths 68% were caused by hit & run crashes.

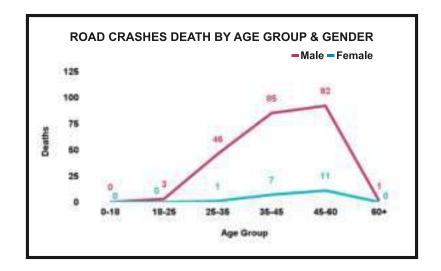
#### **BULDHANA - 2021**

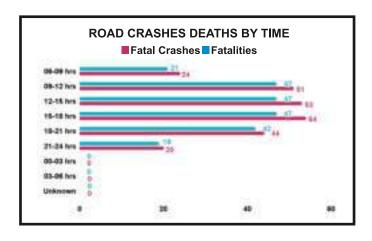
**Total Crashes: 481** 

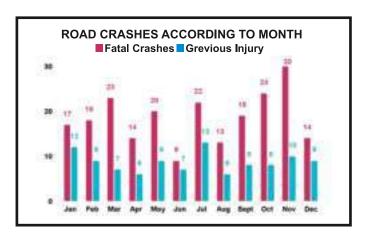
Fatal Crashes: 223









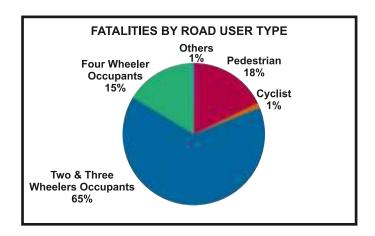


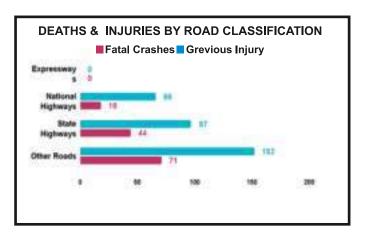
- 64% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 35-60 years old.
- Out of 223 fatal crashes 82% from run-off road collisions.
- Out of 246 deaths 83% were caused by run-off road crashes.

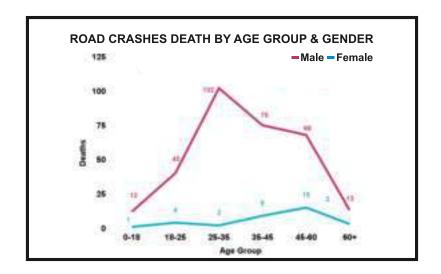
### YAVATMAL 2021

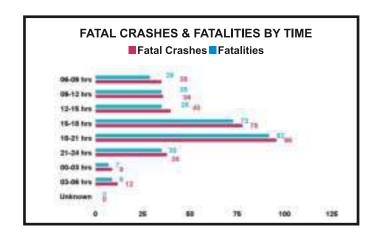
**Total Crashes: 755** 

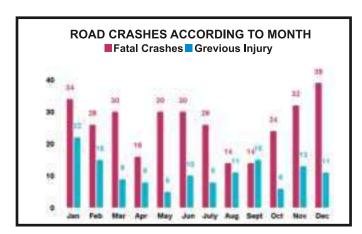
Fatal Crashes: 315









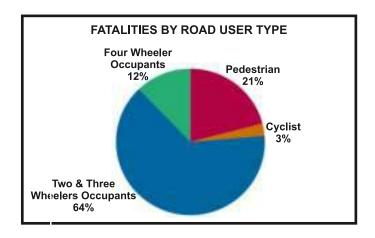


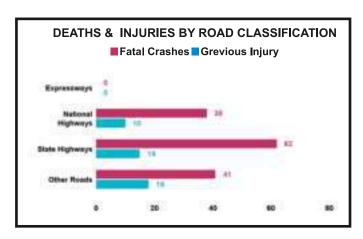
- 84% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 315 fatal crashes 27% were head-on collisions.
- Out of 344 deaths 25% were caused by head-on collision crashes.

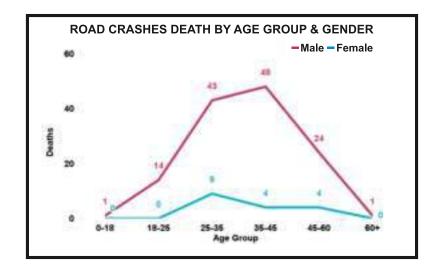
### **WASHIM 2021**

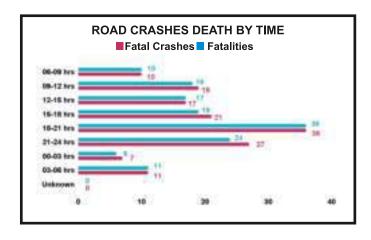
**Total Crashes: 285** 

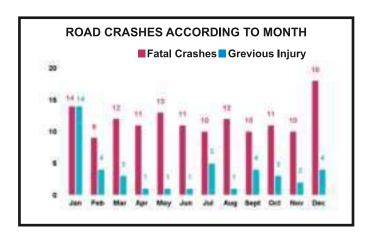
Fatal Crashes: 141









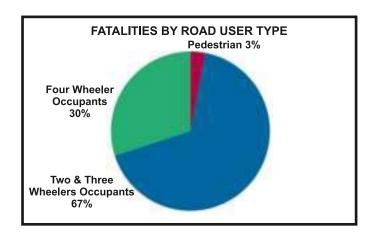


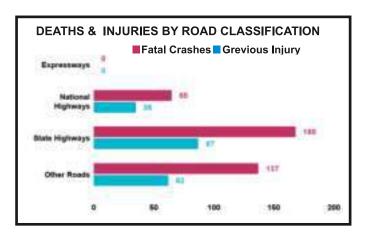
- 88% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 141 fatal crashes 58% were head-on collisions.
- Out of 148 deaths 59% were caused by head-on collision crashes.

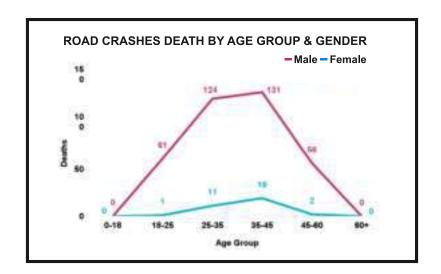
## **AURANGABAD (RURAL) 2021**

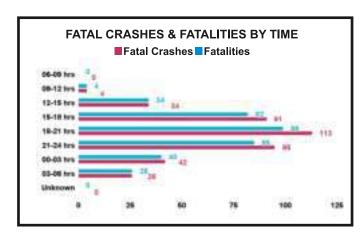
**Total Crashes: 601** 

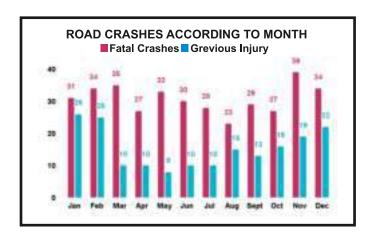
Fatal Crashes: 370









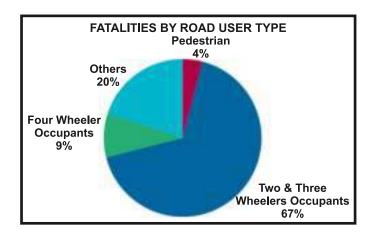


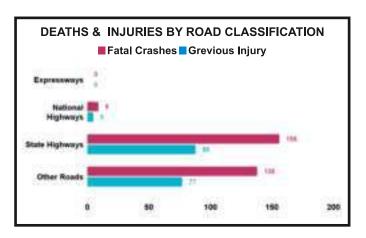
- 70% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 370 fatal crashes 12% were hit from the side.
- Out of 405 deaths, 46% were caused by hit from side crashes.

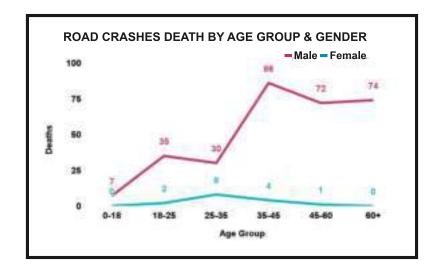
### **JALANA 2021**

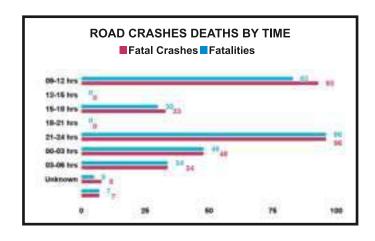
**Total Crashes: 528** 

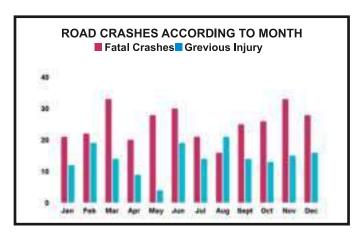
Fatal Crashes: 303









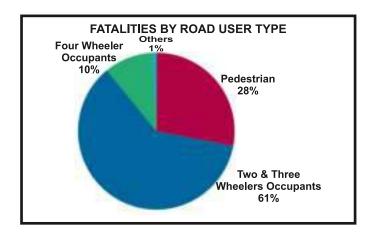


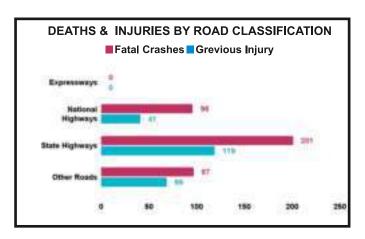
- 71% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 35-45 years old.
- Out of 303 fatal crashes 32% were head-on collisions.
- Out of 319 deaths 32% were caused by head-on collision crashes.

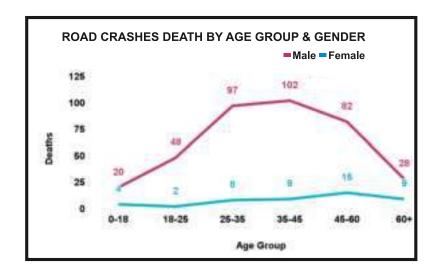
### **BEED 2021**

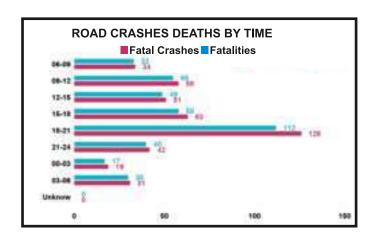
**Total Crashes: 686** 

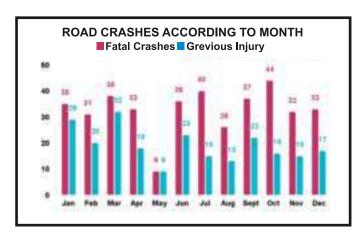
Fatal Crashes: 394









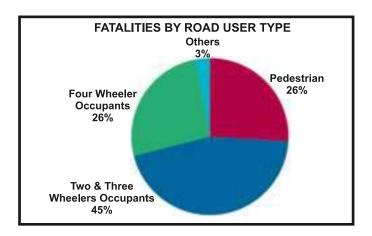


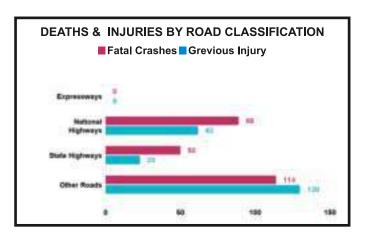
- 89% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 394 fatal crashes 38% were hit from back.
- Out of 424 deaths, 37% were caused by hit from back crashes.

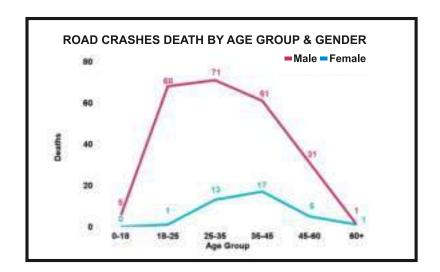
### **OSMANABAD 2021**

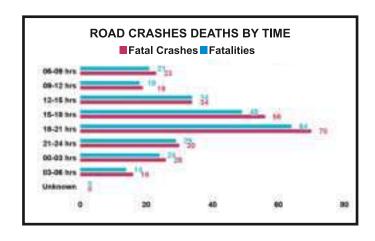
**Total Crashes: 624** 

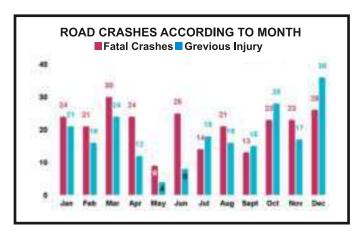
Fatal Crashes: 253









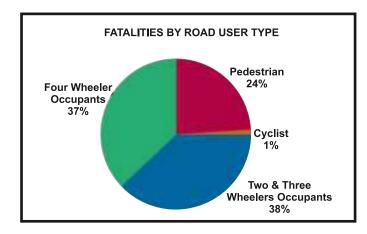


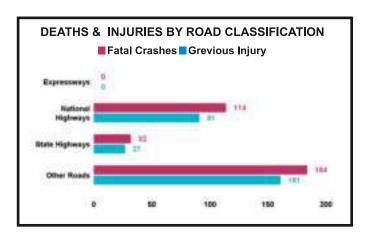
- 71% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 253 fatal crashes 34% were hit & run.
- Out of 274 deaths 35% were caused by hit & run crashes.

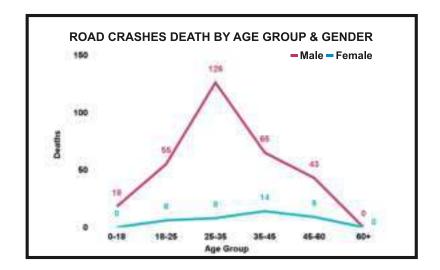
### **NANDED 2021**

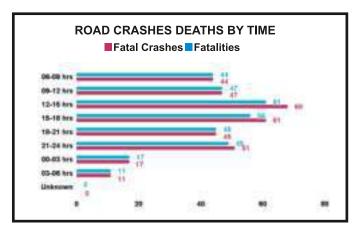
**Total Crashes: 750** 

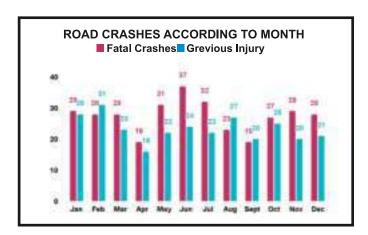
Fatal Crashes: 330









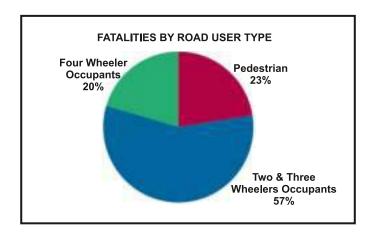


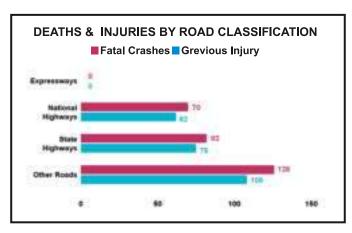
- 63% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 330 fatal crashes 55% were hit & run.
- Out of 344 deaths 56% were caused by hit & run crashes.

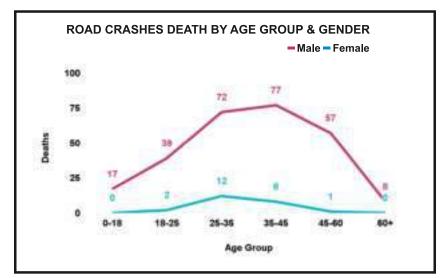
### **LATUR 2021**

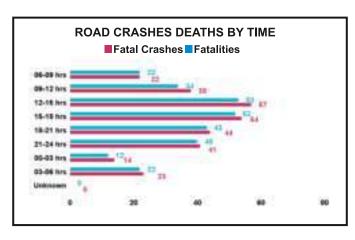
**Total Crashes: 618** 

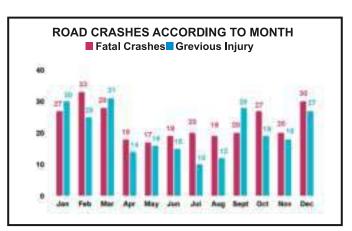
Fatal Crashes: 278









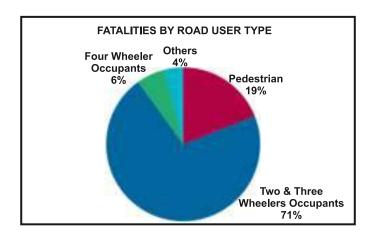


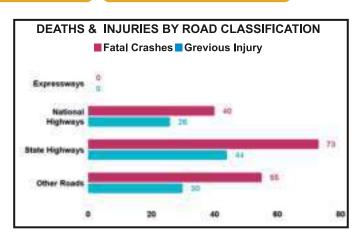
- 80% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 35-45 years old.
- Out of 278 fatal crashes 26% were head-on collisions.
- Out of 293 deaths 26% were caused by head-on collision crashes.

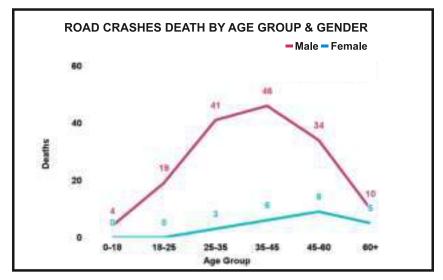
### **PARBHANI 2021**

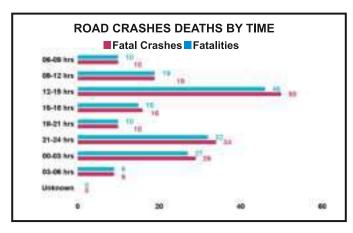
**Total Crashes: 331** 

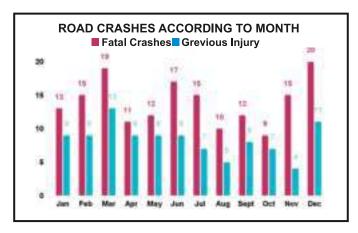
Fatal Crashes: 168









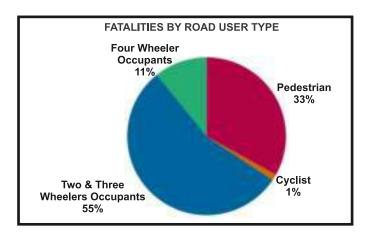


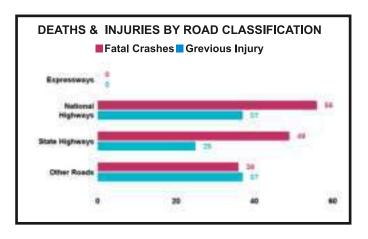
- 90% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 168 fatal crashes 36% were hit & run.
- Out of 177 deaths 36% were caused by hit & run crashes.

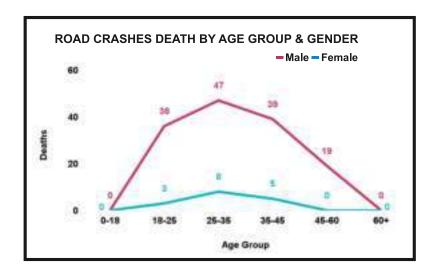
### **HINGOLI 2021**

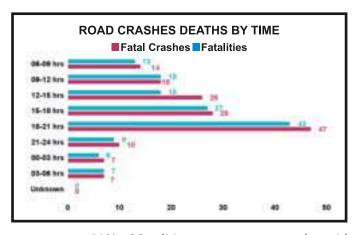
**Total Crashes: 276** 

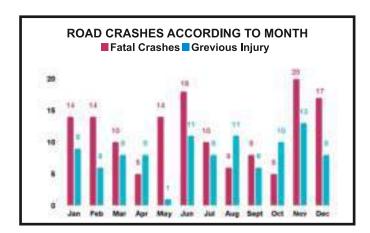
Fatal Crashes: 141









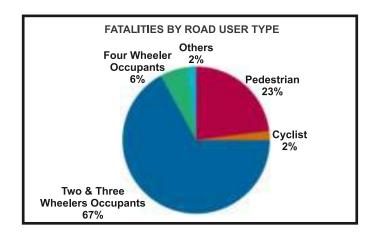


- 89% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 141 fatal crashes 51% were hit from back.
- Out of 157 deaths, 49% were caused by hit from back crashes.

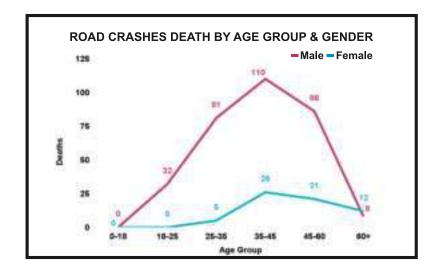
### **KOLHAPUR 2021**

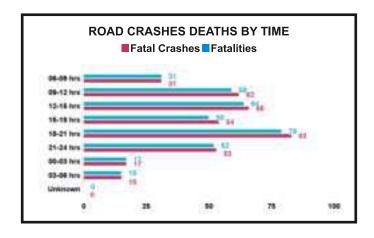
**Total Crashes: 1031** 

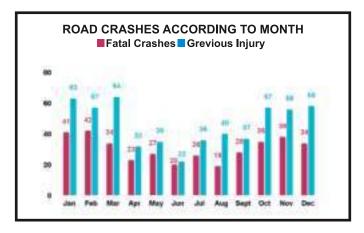
Fatal Crashes: 367









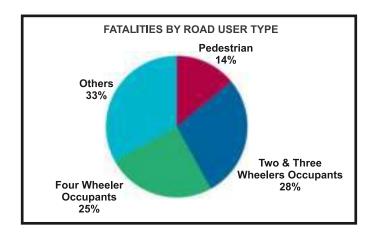


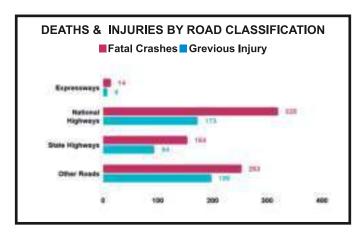
- 92% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 35-45 years old.
- Out of 367 fatal crashes 27% were hit from back.
- Out of 381 deaths 28% were caused by hit from back crashes.

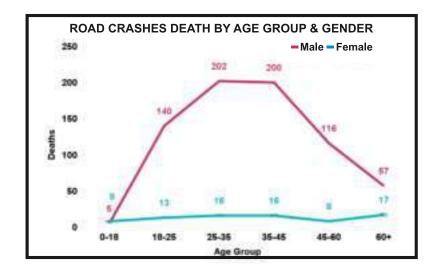
# **PUNE (RURAL) 2021**

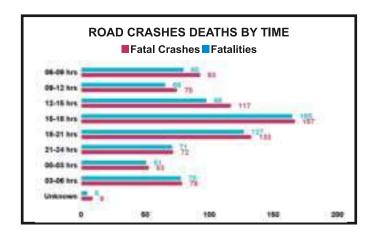
**Total Crashes: 1363** 

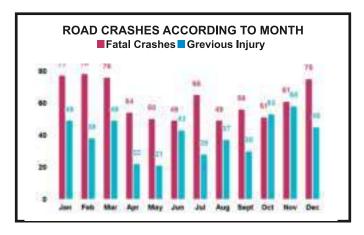
Fatal Crashes: 741









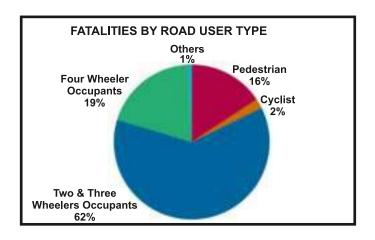


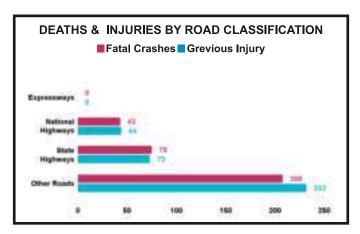
- 42% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 741 fatal crashes 52% were hit from back.
- Out of 798 deaths, 50% were caused by hits from back crashes.

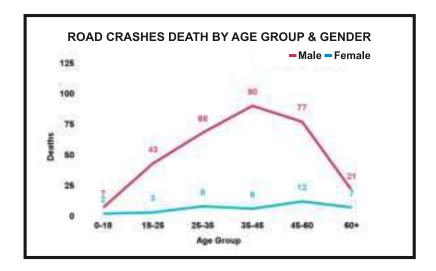
### **SANGALI 2021**

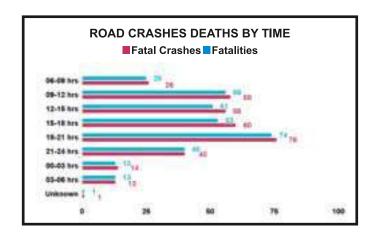
**Total Crashes: 718** 

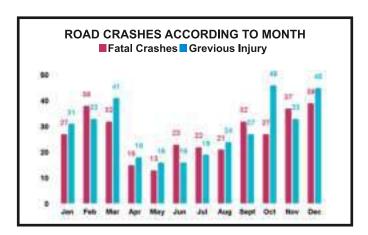
Fatal Crashes: 326









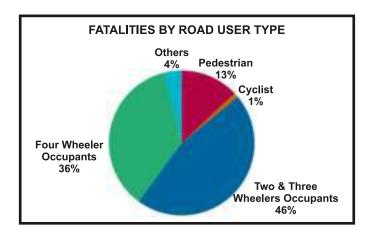


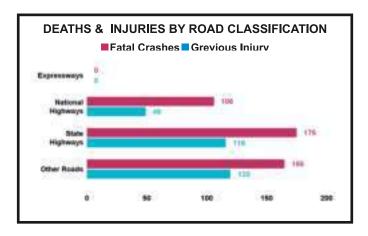
- 80% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 326 fatal crashes 43% were hit & run.
- Out of 344 deaths 43% were caused by hit & run crashes.

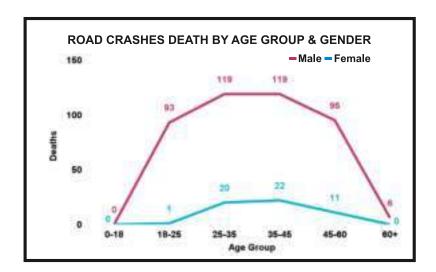
### **SATARA 2021**

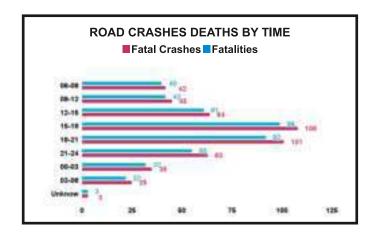
**Total Crashes: 812** 

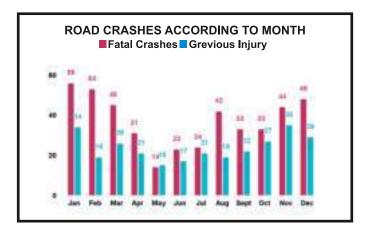
Fatal Crashes: 446









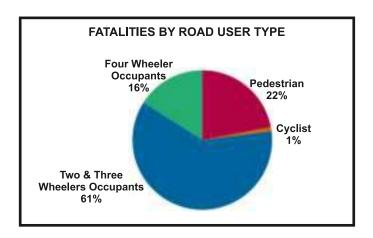


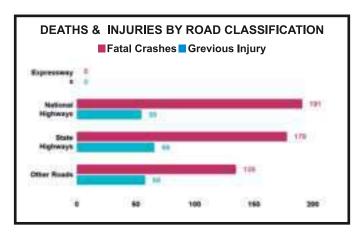
- 60% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 446 fatal crashes 37% were hit & run.
- Out of 486 deaths 36% were caused by hit & run crashes.

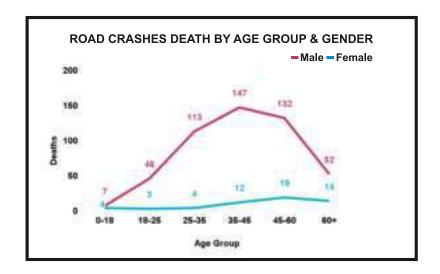
## **SOLAPUR (RURAL) 2021**

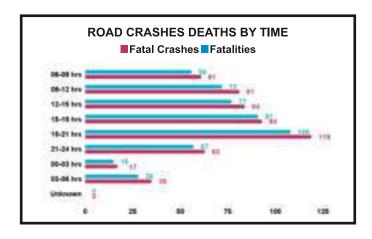
**Total Crashes: 945** 

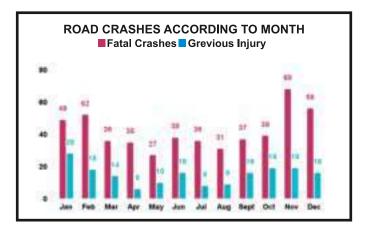
Fatal Crashes: 504









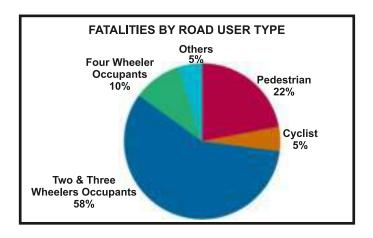


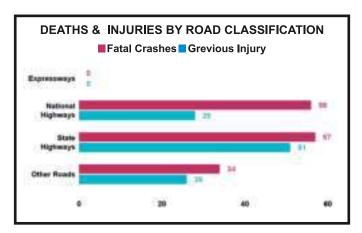
- 84% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 35-60 years old.
- Out of 504 fatal crashes 69% were hit from the side.
- Out of 553 deaths, 72% were caused by hit from side crashes.

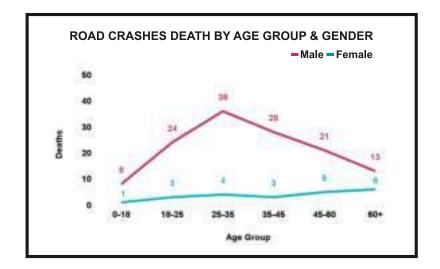
#### **BHANDARA 2021**

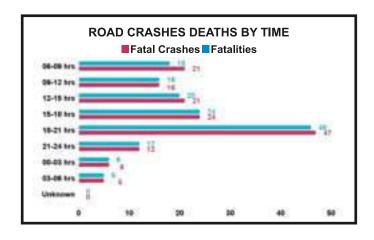
**Total Crashes: 382** 

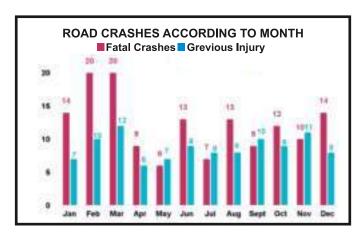
Fatal Crashes: 147









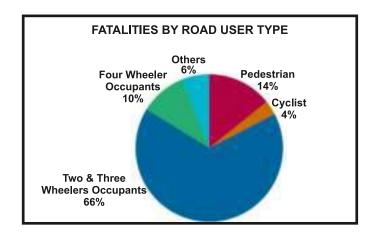


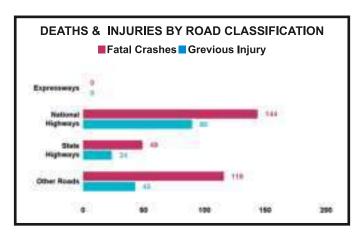
- 85% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 147 fatal crashes 30% were hit from back.
- Out of 152 deaths, 30% were caused by hit from back crashes.

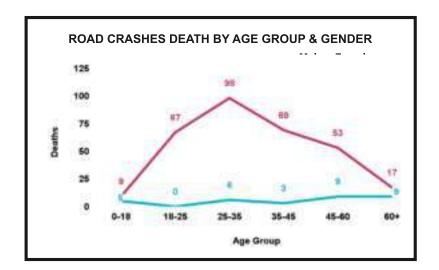
### **CHANDRAPUR 2021**

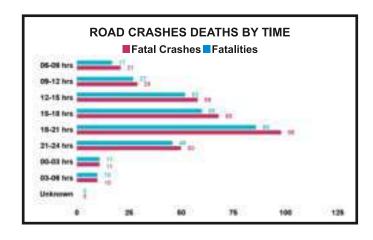
**Total Crashes: 718** 

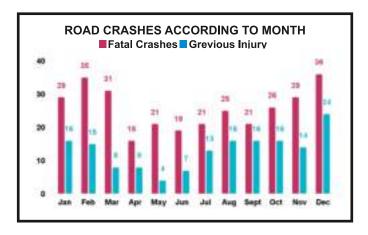
Fatal Crashes: 309









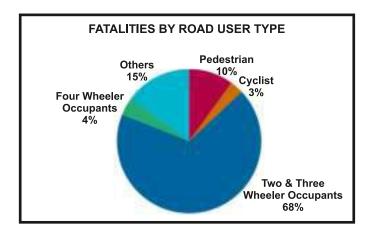


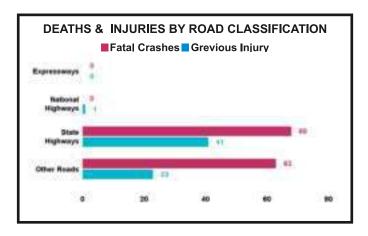
- 84% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 309 fatal crashes 26% were head-on collisions.
- Out of 345 deaths 28% were caused by head-on collisions crashes

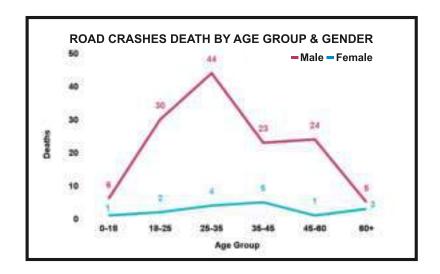
### **GADCHIROLI 2021**

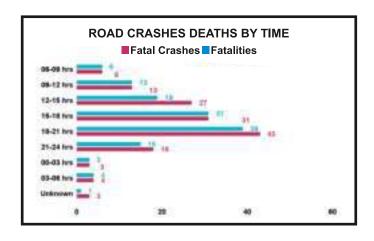
**Total Crashes: 247** 

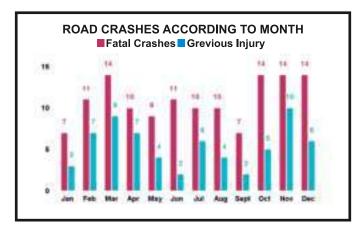
Fatal Crashes: 131









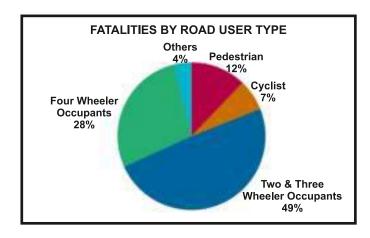


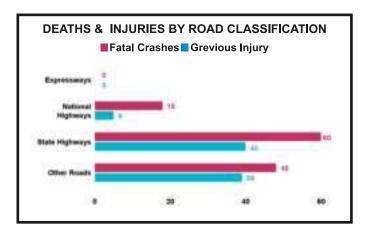
- 81% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 131 fatal crashes 27% were hit & run.
- Out of 148 deaths 27% were caused by hit & run crashes.

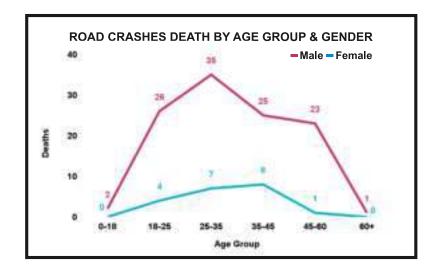
### **GONDIA 2021**

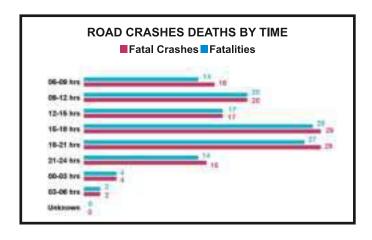
**Total Crashes: 252** 

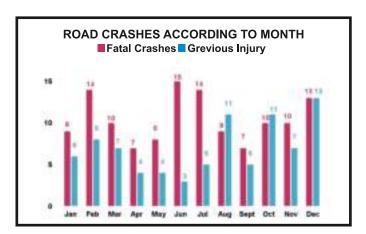
Fatal Crashes: 126









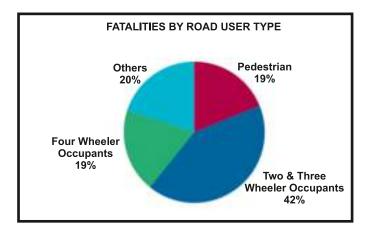


- 68% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 126 fatal crashes, 65% from run off road collisions.
- Out of 132 deaths, 64% were caused by run off road crashes.

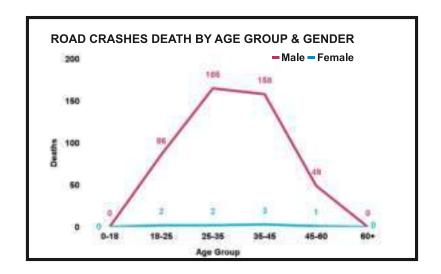
# **NAGPUR (RURAL) 2021**

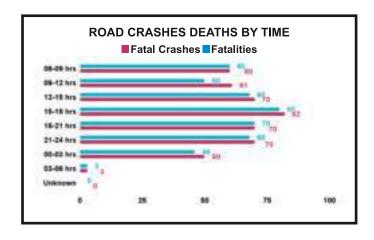
**Total Crashes: 969** 

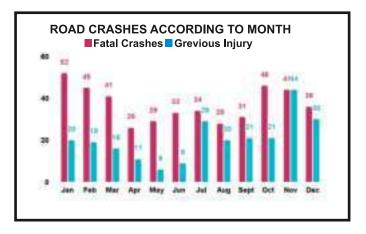
Fatal Crashes: 445









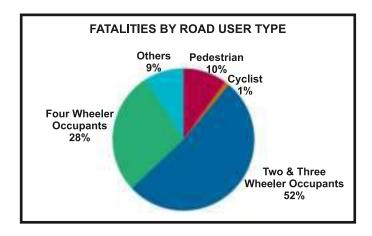


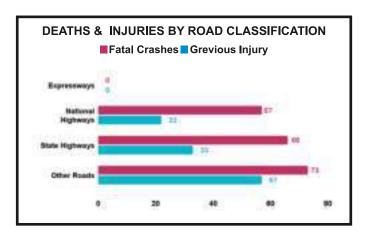
- 61% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 445 fatal crashes 76% were hit from the back.
- Out of 466 deaths 76% were caused by hit from back crashes.

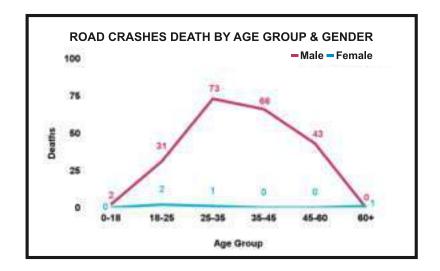
#### **WARDHA 2021**

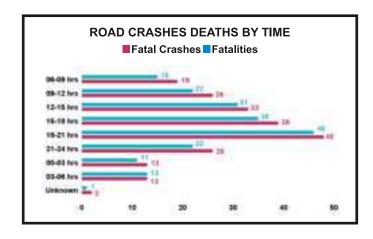
**Total Crashes: 484** 

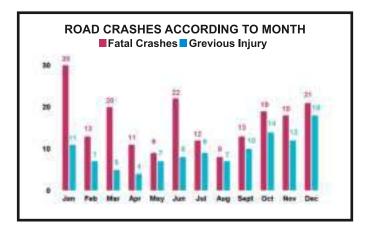
Fatal Crashes: 196









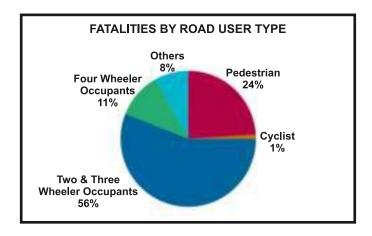


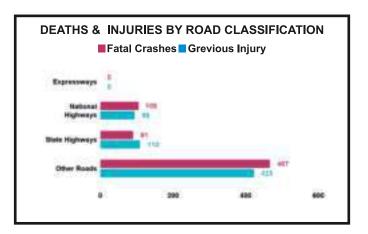
- 63% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 196 fatal crashes, 51% were hit & run.
- Out of 219 deaths 48% were caused by hit & run crashes.

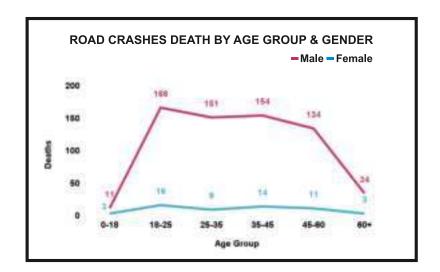
### **AHMEDNAGAR 2021**

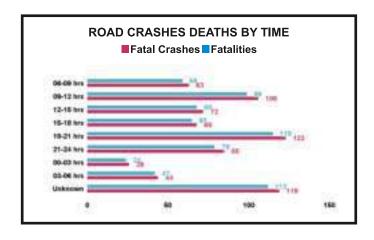
**Total Crashes: 1360** 

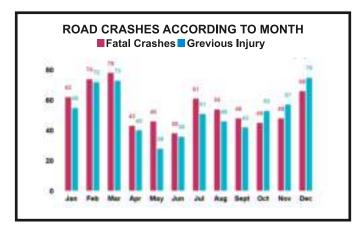
Fatal Crashes: 663









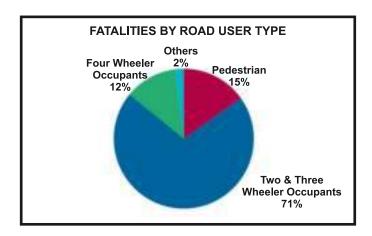


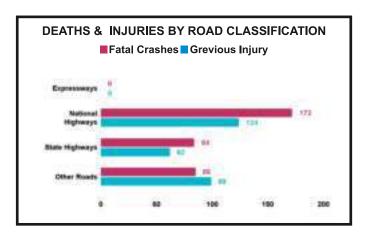
- 81% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 18-25 years old.
- Out of 663 fatal crashes 60% were head-on collisions.
- Out of 706 deaths 59% were caused by head-on collision crashes.

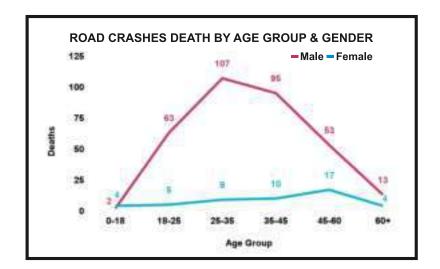
### **DHULE 2021**

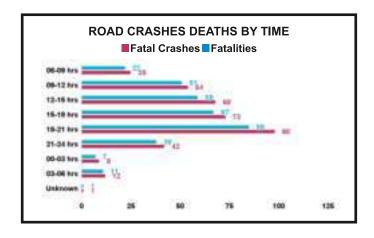
**Total Crashes: 675** 

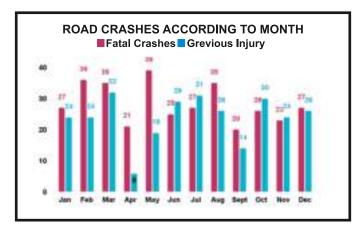
Fatal Crashes: 341









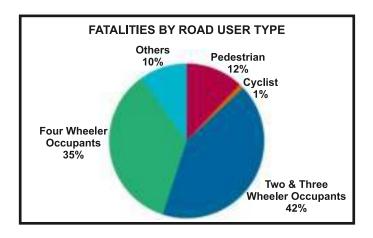


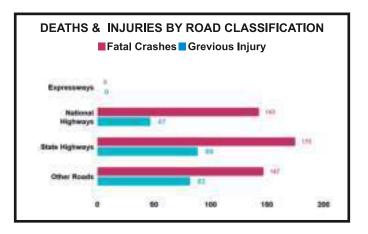
- 86% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 341 fatal crashes 45% were hit from the back.
- Out of 382 deaths 46% were caused by hit from back crashes.

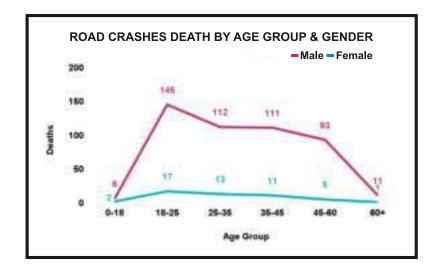
### **JALGAON 2021**

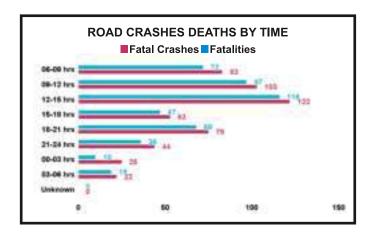
**Total Crashes: 794** 

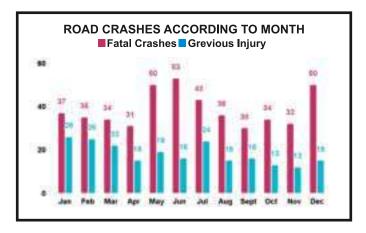
Fatal Crashes: 465









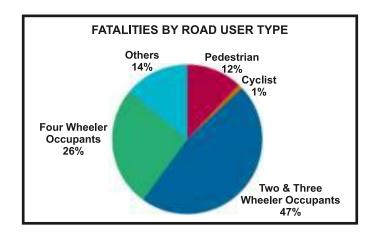


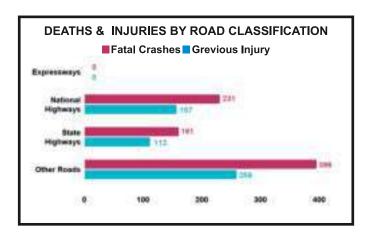
- 55% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 18-25 years old.
- Out of 465 fatal crashes 42% were head-on collisions.
- Out of 527 deaths 43% were caused by head-on collision crashes.

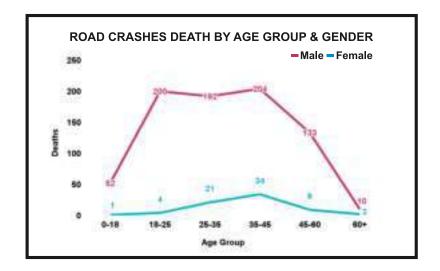
# NASHIK (RURAL)2021

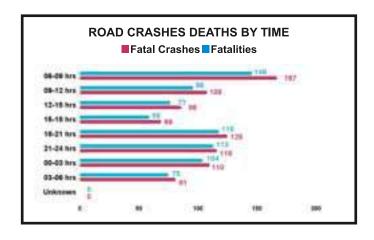
**Total Crashes: 1429** 

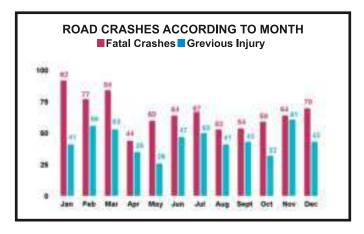
Fatal Crashes: 788









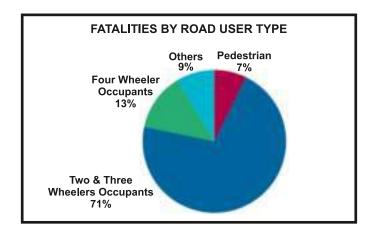


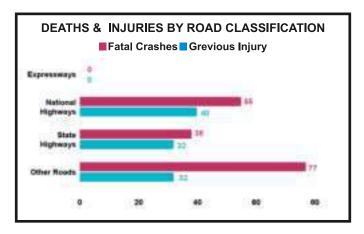
- 60% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 18-45 years old.
- Out of 788 fatal crashes 40% were hit from back.
- Out of 862 deaths, 40% were caused by hit from back crashes.

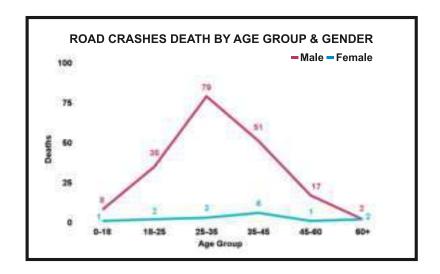
### **NANDURBAR 2021**

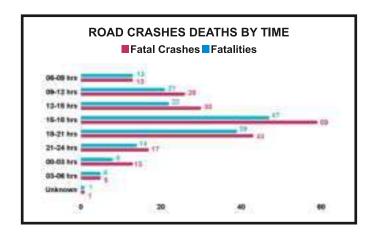
**Total Crashes: 275** 

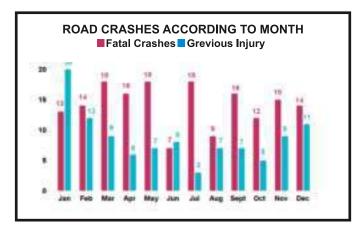
Fatal Crashes: 170









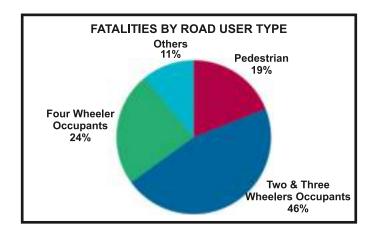


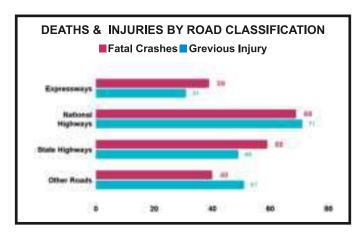
- 78% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 170 fatal crashes 23% were hit & run.
- Out of 207 deaths 21% were caused by hit & run crashes.

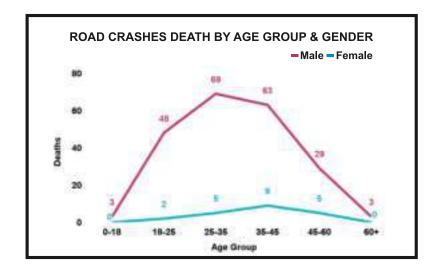
### **RAIGAD 2021**

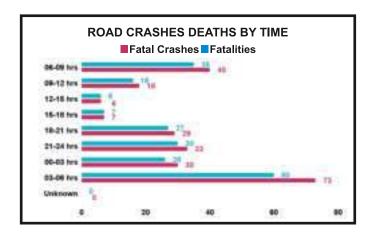
**Total Crashes: 688** 

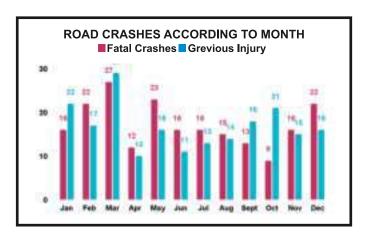
Fatal Crashes: 207









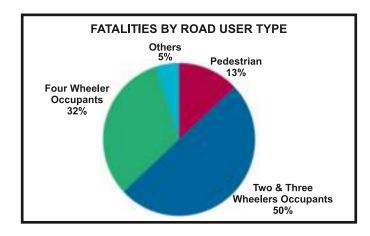


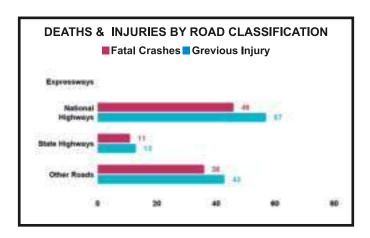
- 65% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 207 fatal crashes, 35% were hit from back.
- Out of 236 deaths, 36% were caused by hits from back crashes.

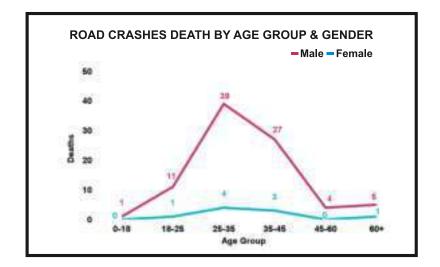
### **RATNAGIRI 2021**

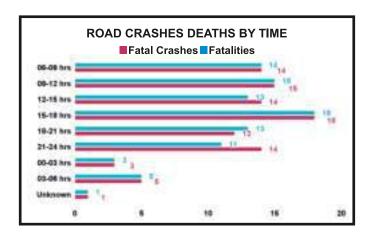
**Total Crashes: 325** 

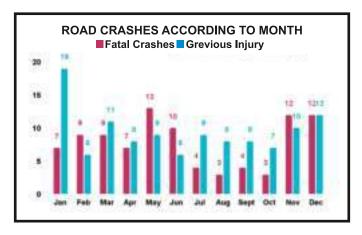
Fatal Crashes: 93









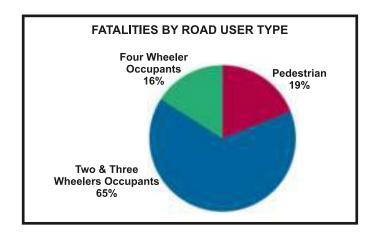


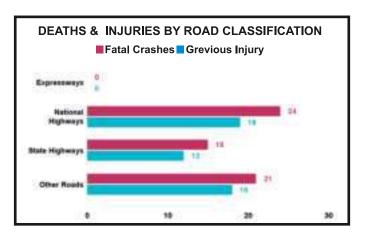
- 63% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 93 fatal crashes 23% were hit from the side.
- Out of 96 deaths, 22% were caused by hit from side crashes.

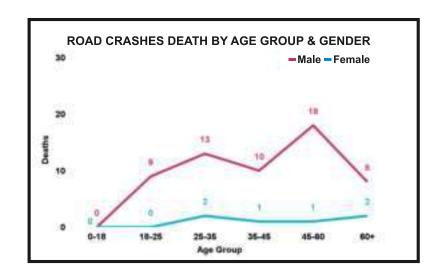
### **SINDHUDURG 2021**

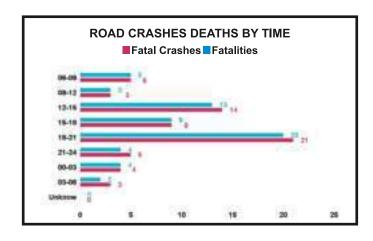
**Total Crashes: 159** 

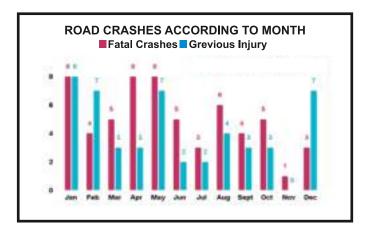
Fatal Crashes: 60









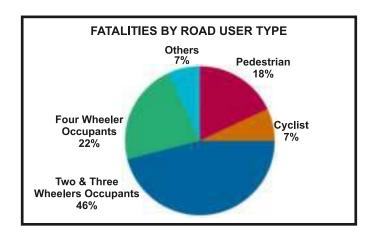


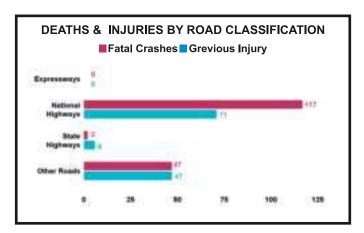
- 84% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 45-60 years old.
- Out of 60 fatal crashes 22% were head-on collisions.
- Out of 64 deaths 23% were caused by head-on collision crashes.

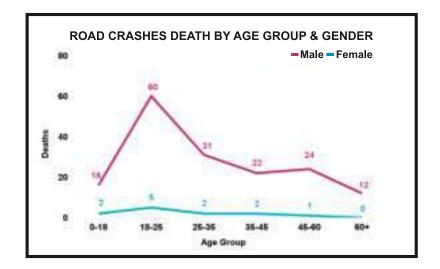
## **THANE (RURAL) 2021**

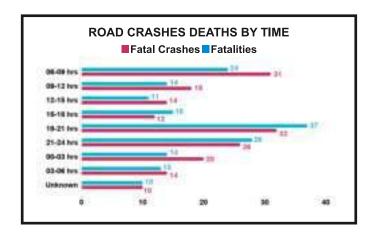
**Total Crashes: 323** 

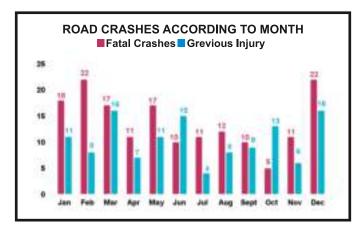
Fatal Crashes: 166









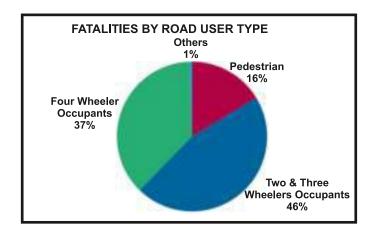


- 71% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 18-25 years old.
- Out of 166 fatal crashes 32% were hit & run.
- Out of 177 deaths 31% were caused by hit & run crashes.

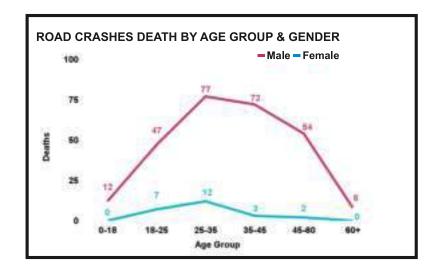
#### PALGHAR 2021

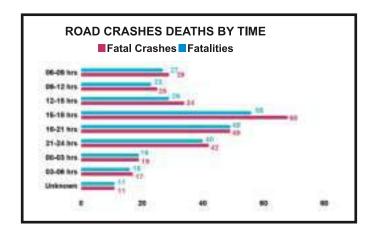
**Total Crashes: 499** 

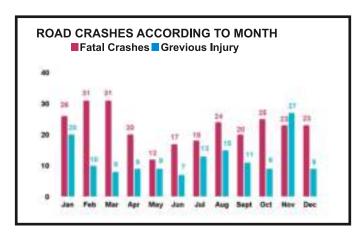
Fatal Crashes: 270









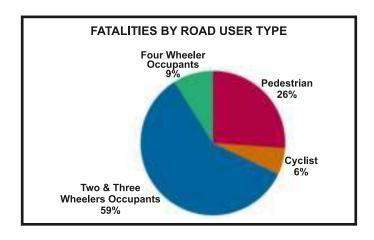


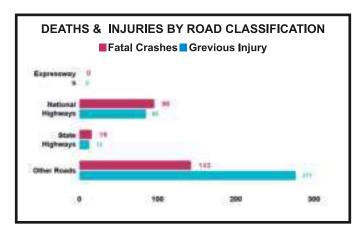
- 62% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 270 fatal crashes 54% were hit & run.
- Out of 294 deaths 54% were caused by hit & run crashes.

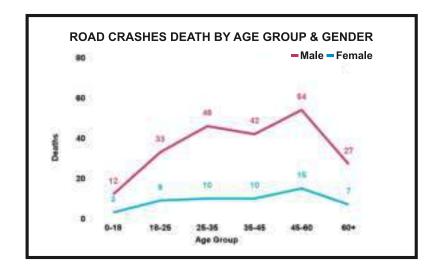
# NAGPUR (CITY)2021

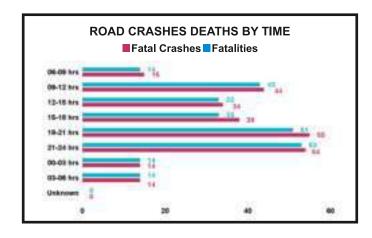
**Total Crashes: 958** 

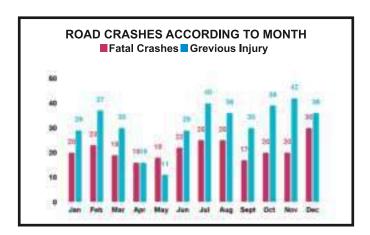
Fatal Crashes: 255









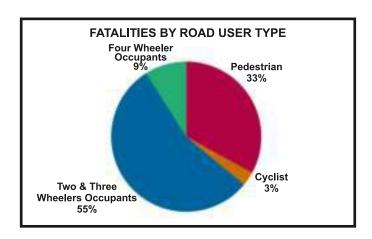


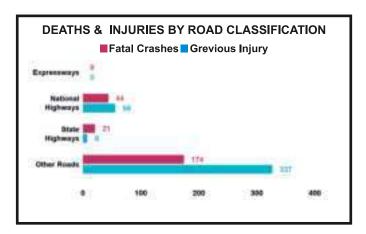
- 91% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 45-60 years old.
- Out of 255 fatal crashes 42% were hit from back.
- Out of 268 deaths 43% were caused by hits from back crashes.

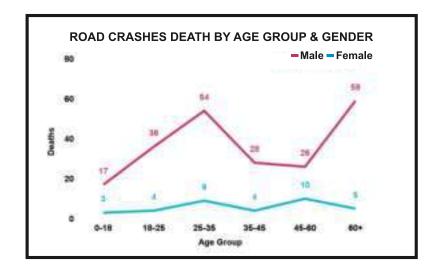
# **PUNE (CITY) 2021**

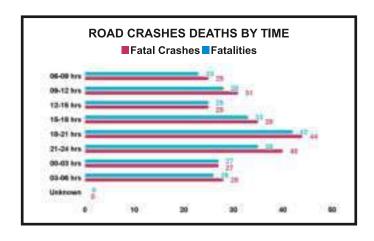
**Total Crashes: 741** 

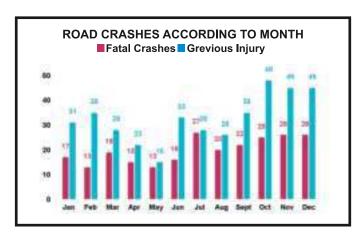
Fatal Crashes: 239









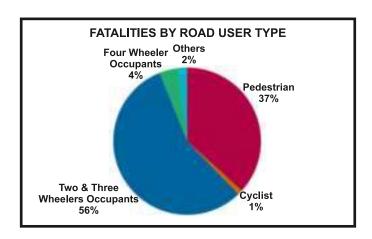


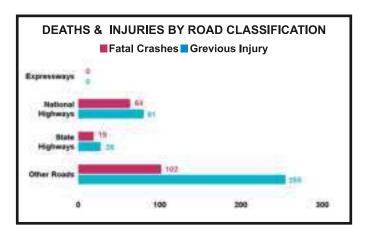
- 91% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 60+ years old.
- Out of 239 fatal crashes 44% were hit & run.
- Out of 255 deaths 44% were caused by hit & run crashes

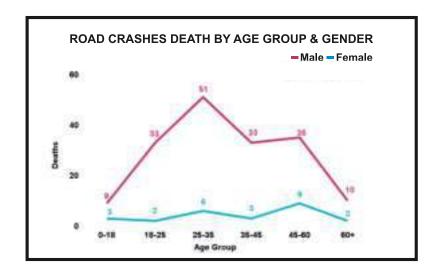
## **THANE (CITY) 2021**

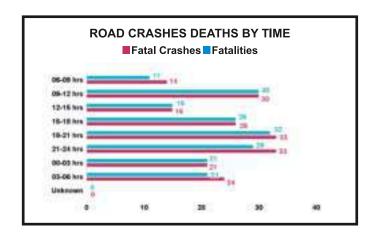
**Total Crashes: 786** 

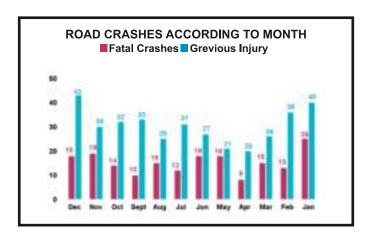
Fatal Crashes: 185









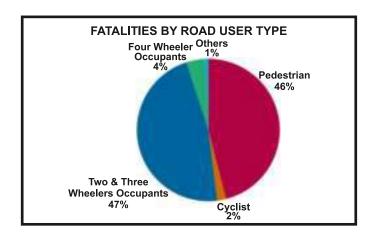


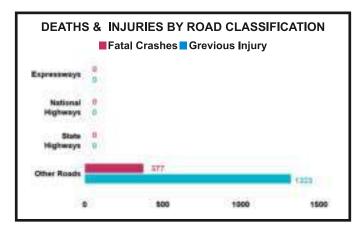
- 94% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 185 fatal crashes 74% were hit & run.
- Out of 196 deaths 71% were caused by hit & run crashes.

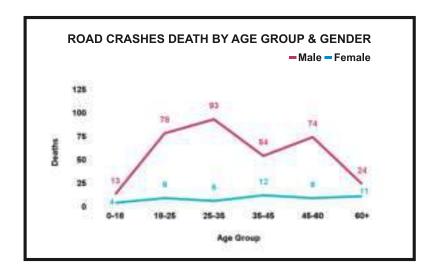
## **MUMBAI (CITY) 2021**

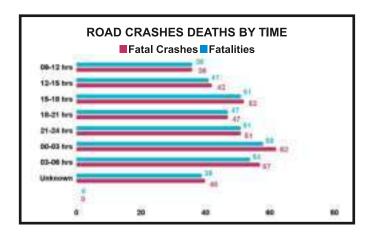
**Total Crashes: 2214** 

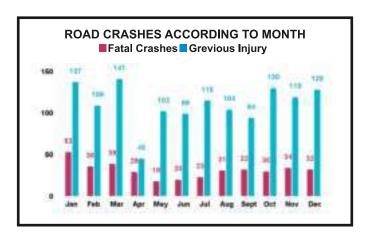
**Fatal Crashes: 377** 









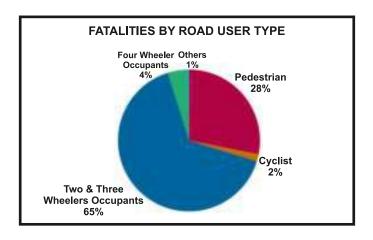


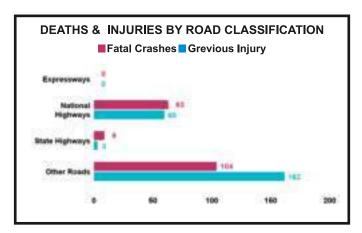
- 95% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 377 fatal crashes 69% were hit & run.
- Out of 387 deaths 68% were caused by hit & run crashes.

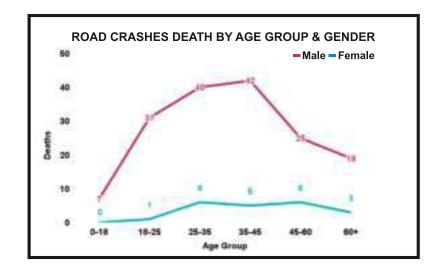
#### NASHIK (CITY) 2021

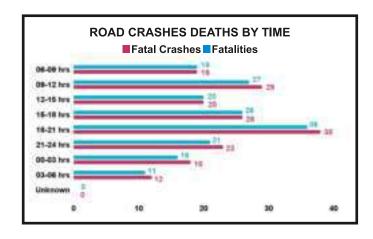
**Total Crashes: 470** 

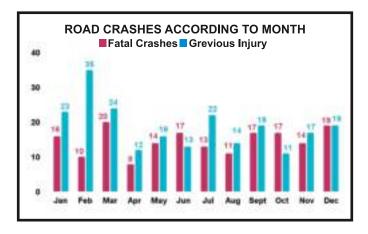
Fatal Crashes: 176









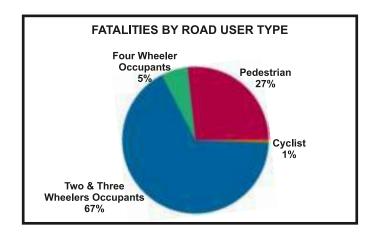


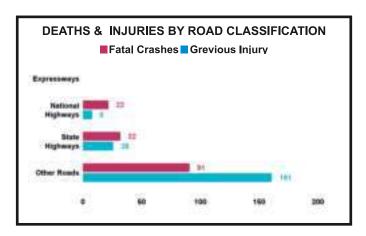
- 95% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 80 fatal crashes 45% were hit & run.
- Out of 86 deaths 46% were caused by hit & run crashes.

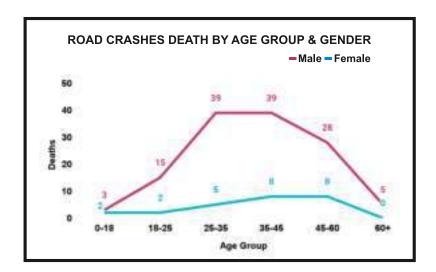
#### **AURANGABAD (CITY) 2021**

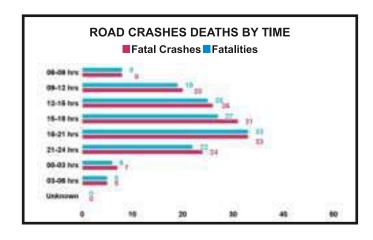
**Total Crashes: 471** 

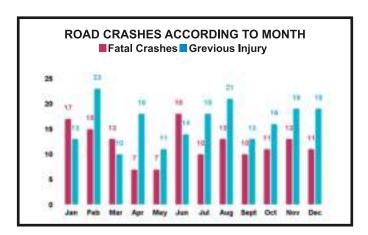
**Fatal Crashes: 145** 









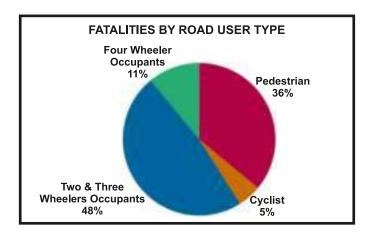


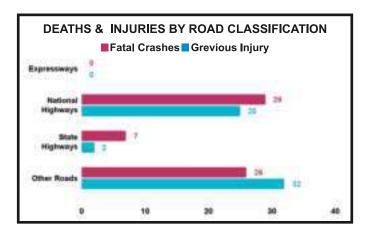
- 94% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-45 years old.
- Out of 145 fatal crashes 43% were hit from back.
- Out of 154 deaths, 45% were caused by hit from back crashes.

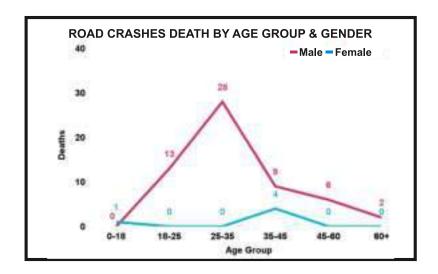
#### SOLAPUR (CITY) 2021

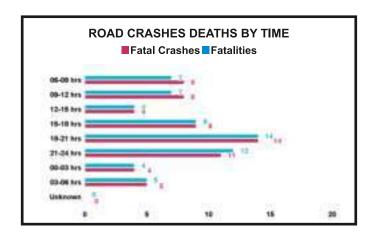
**Total Crashes: 156** 

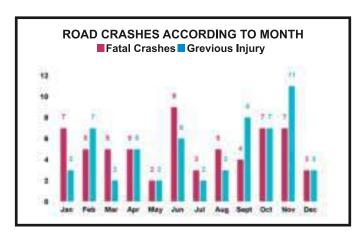
Fatal Crashes: 62









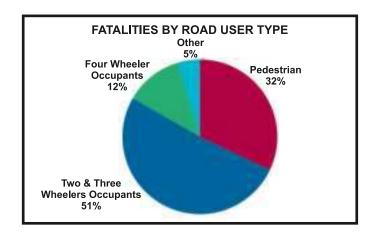


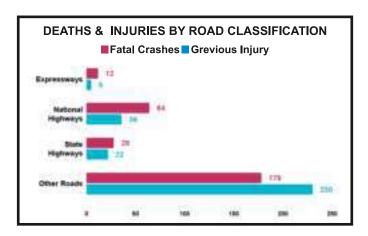
- 88% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 62 fatal crashes 44% were hit & run.
- Out of 63 deaths 43% were caused by hit & run crashes.

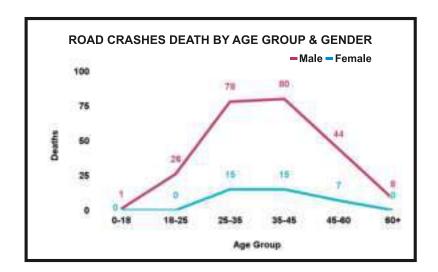
#### **NAVI MUMBAI 2021**

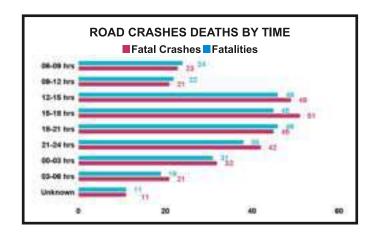
**Total Crashes: 695** 

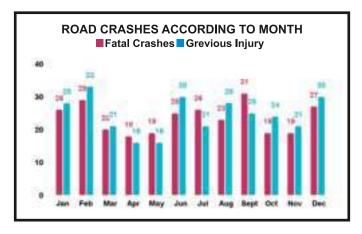
Fatal Crashes: 282









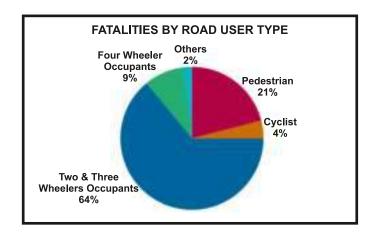


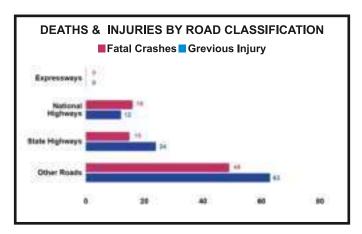
- 83% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 282 fatal crashes, 1% were hit & run.
- Out of 295 deaths 1% were caused by hit & run crashes.

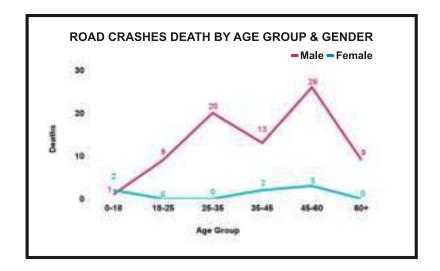
#### **AMRAVATI (CITY) 2021**

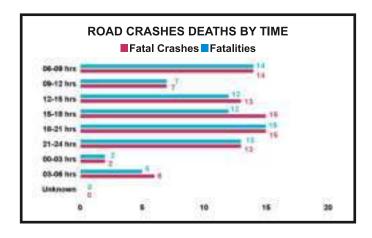
**Total Crashes: 411** 

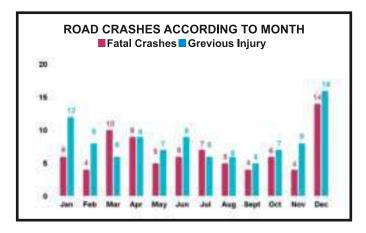
Fatal Crashes: 273









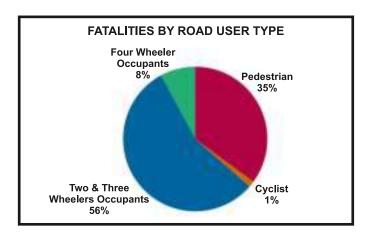


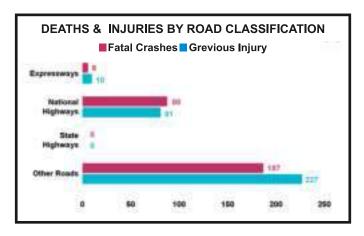
- 89% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 45-60 years old.
- Out of 80 fatal crashes 53% were head-on collisions.
- Out of 85 deaths 56% were caused by head-on collision crashes

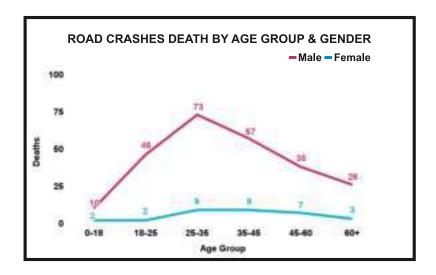
#### **PIMPRI CHINCHWAD 2021**

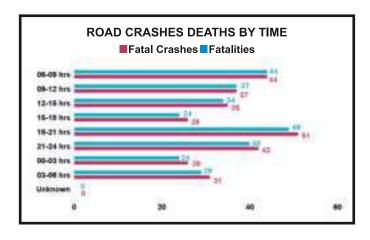
**Total Crashes: 695** 

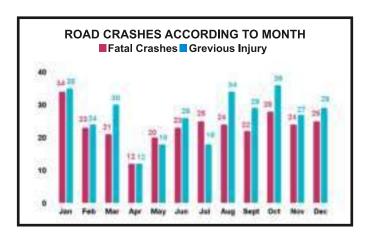
Fatal Crashes: 281









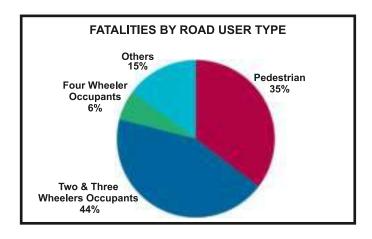


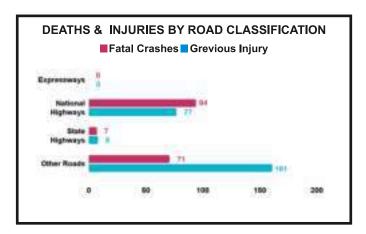
- 92% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 281 fatal crashes, 35% were hit from the side.
- Out of 292 deaths, 35% were caused by hit from side crashes.

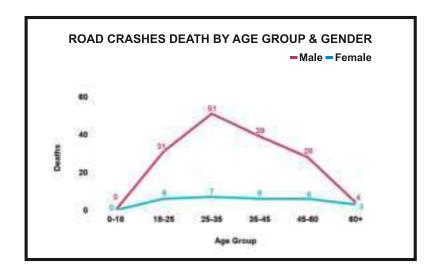
#### **MIRA- BHAYANDER, VASAI-VIRAR 2021**

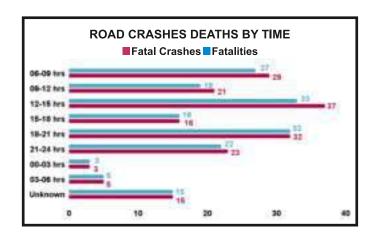
**Total Crashes: 570** 

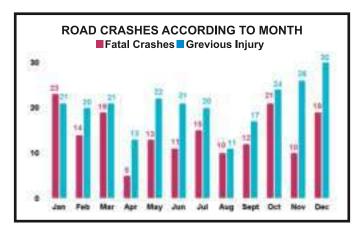
Fatal Crashes: 172



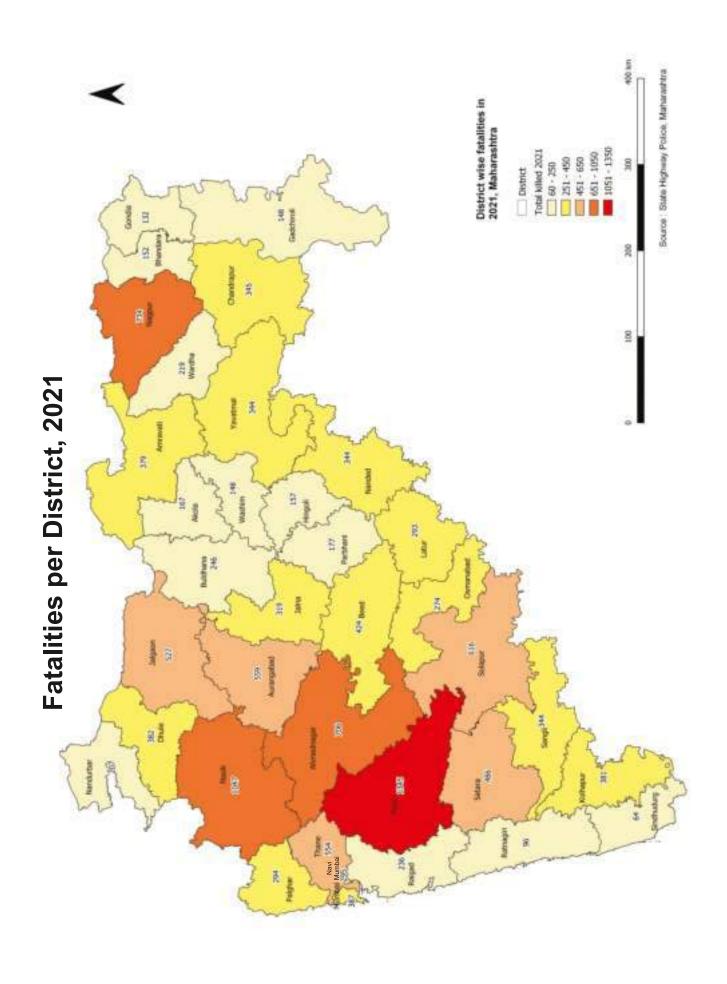


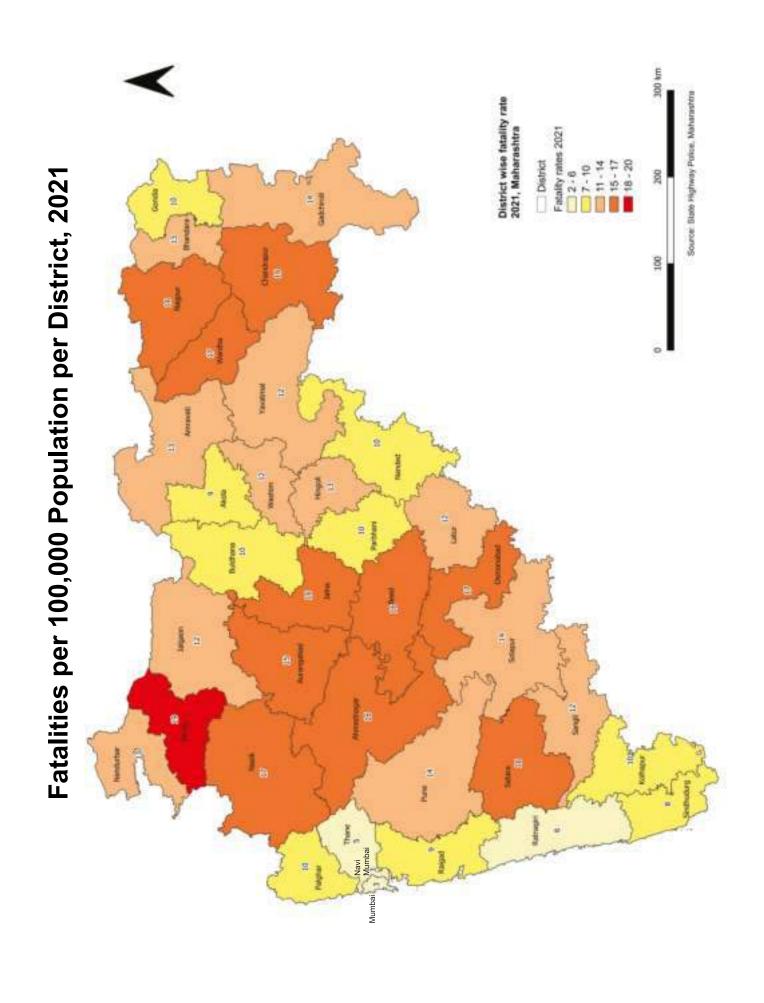


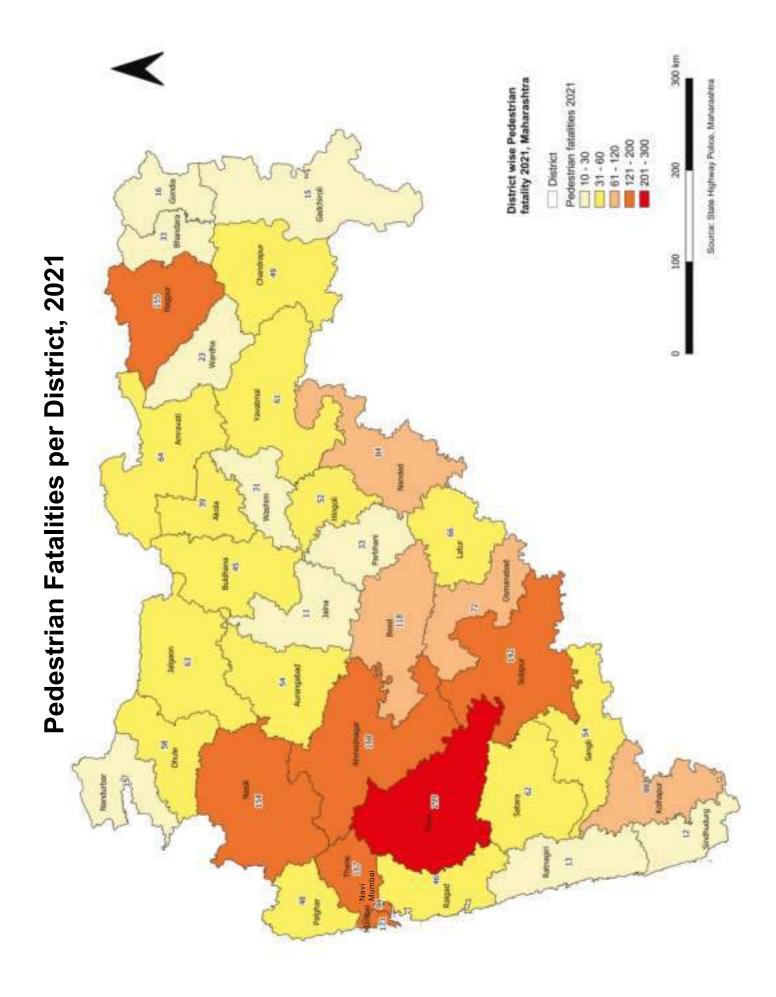


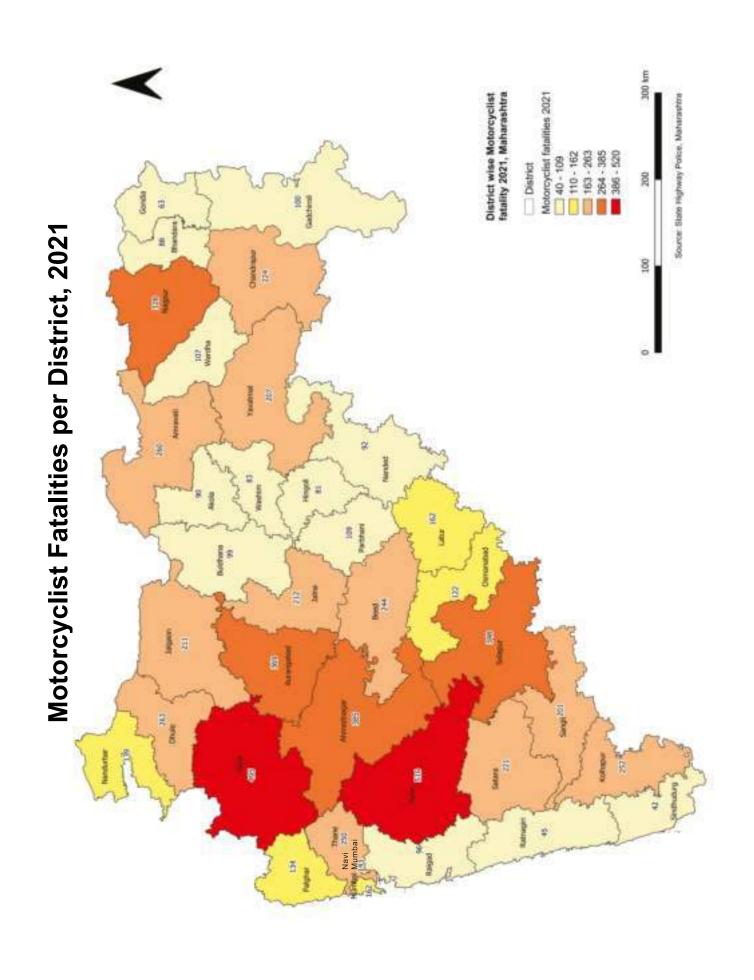


- 79% of fatalities were amongst vulnerable road users, which include pedestrians, two-three wheeler & cyclists.
- Most deaths were among men's age between 25-35 years old.
- Out of 172 fatal crashes 58% were hit & run.
- Out of 181 deaths 57% were caused by hit & run crashes.









#### **WAY FORWARD**

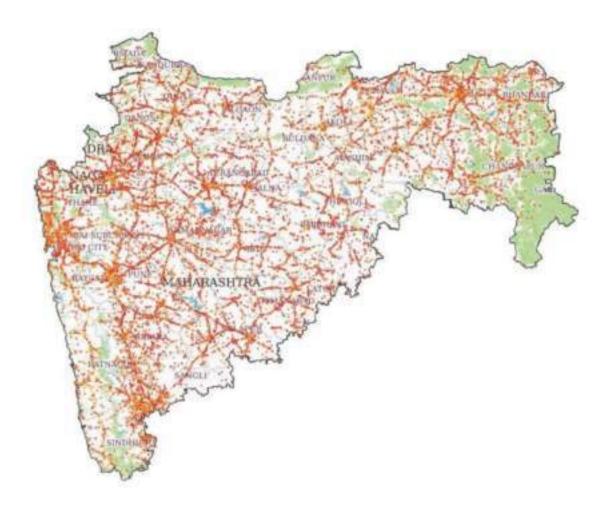
The Integrated Road Accident Database (iRAD), a project of the Government of India to support the reduction of road crash fatalities by 50%, is currently being rolled-out in Maharashtra. iRAD is an online digital platform for Police, Transport, Highways and Health Departments to consolidate real-time data on road crashes. The system was developed by NIC Chennai, implemented by NICSI/NIC and IIT Chennai.

Maharashtra is one of the six pilot states for implementation in Phase I. Entering of live crash records has started on 1st January 2021. To date, Maharashtra is the best performing state in terms of data collection in iRAD, using various tools to effectively scale-up the system.

Enhancements are also underway such as integration of IRAD with other applications and roll-out to other states. iRAD is currently being integrated with CCTS through FIRs registered in the police station.

There are a total of 2,325 trainings conducted and about 18,081 people trained. IRAD implementation and progress can be tracked at <a href="https://sites.google.com/view/irad-maharashtra/mh-statistic.">https://sites.google.com/view/irad-maharashtra/mh-statistic.</a>

The image below shows the recorded crash incidents in iRAD in Maharashtra state. The image also shows crash and high-risk locations. The full implementation of IRAD enables the government to better understand and visualize the road safety situation. This allows for evidence-based decisions, interventions, and programs in road safety and ultimately should result in lives saved on the road.



#### **HIGHWAY INITIATIVES**

#### HIGHWAY MRITYUNJAY DOOT

1st March 2021 marked the inception of the Highway Police, Maharashtra State initiative, "Highway Mrityunjay Doot". Every year, nearly 1.5 Lakh people die from road crashes in India. After conducting a detailed and rigorous analysis into the causes of deaths in cases of road crashes, it was noticed that unavailability of immediate medical aid was the major cause of concern. In many cases, the injured weren't evacuated and transported appropriately, which aggravated their injury and medical condition.

While many good Samaritans do come forward for the help and rescue of such victims, some onlookers and passersby refrain from extending help to victims in such situations to avoid police investigations and follow-up court procedures.

The Highway Police, Maharashtra State, has launched the "Highway Mrityunjay Doot" Project to avoid all such scenarios and to enable quick and efficient transfer of victims injured in crashes, within the "Golden Hour", which is crucial.

As a part of this initiative, employees of nearby Malls, Petrol Pumps, Local Dhabas and Hotels, of adjoining villages form groups of up to 4-5 people. These groups are called "Mrityunjay Devdoot" (Angels of God) and are provided with training in First Aid (including conducting CPRs, precautionary methods for lifting and transporting injured victims, etc.) with the help of Government/Semi-Government or Social Organizations.

With an exhaustive plan, inclusive of rescue, they transport crash victims from the scene to the nearest hospital. Each group is equipped with a first-aid kit, a stretcher and detailed information about the nearest Hospitals/PHCs, on the entire stretch of National and State Highways in Maharashtra for quick reference. Victims of road crashes and their families/relatives are also made aware of the benefits of the existing "Late Balasaheb Thackeray Road Crashes Insurance Scheme" of the Government of Maharashtra, which could ease their financial burdens.

#### **OPERATION HIGHWAY SAFETY**

#### Mumbai-Pune Expressway & NH 48 (Navi Mumbai-Pune-Kolhapur)

It is observed that heavy vehicles ply on the fast lane of the carriageway which is the rightmost lane. As a part of this initiative, the pilot scheme "Operation Safety on Highways" is being conducted on Mumbai-Pune Expressway and Mumbai-Pune-Kolhapur Highway (NH-48) to prevent crashes and actions are being taken against such heavy vehicles.

#### THE GOLDEN HOUR INITIATIVE

The concept of 'Golden Hour' was introduced from 21st November, 2016 on weekends. As a part of this initiative, multi-axle vehicles, ODCs (Over Dimensional Cargo) and other heavy vehicles are kept on hold at stretches, for nearly 4 hours, to ease traffic for small vehicles and other vehicles carrying essential commodities. This has resulted in smooth traffic movement for weekend commuters on Mumbai-Pune Expressway.

#### Holiday Trafic Management Scheme on Mumbai Pune Expressway

- This scheme has been introduced on Mumbai-Pune Expressway since 21/09/2016.
- ♦ It is conducted on 2<sup>---</sup> & 4<sup>--</sup> Saturday, Sunday & other weekend connected holidays to avoid the trafic jam situation due to heavy flow of vehicles on Expressway due to which traffic jam situations have reduced on Mumbai Pune Expressway
- Three Axle, Multi Axle, ODC vehicles are stopped from taking entry on the Expressway at Khalapur & Urse Toll plaza for approximately 4 hrs during which only light vehicles and vehicles carrying essential commodities are allowed to move on the Expressway.

#### Golden hours schedule

- ❖ Mumbai Pune Lane: No entry for Heavy Vehicles.
- Friday evening is connected to the 2nd & 4° Saturday or any previous day connected with more than 2 continuous holidays – Time 17:00 To 20:00.
- On Saturday morning which is connected with more than 2 continuous holidays Time 08:00 To 12:00 hrs.
- Pune Mumbai Lane: No entry for Heavy Vehicles.
- On Sunday evening or last day of the connected holiday Time 18:00 To 20:00 hrs.
- On Monday morning or the first working day after the connected holidays -Time 06:00 To 09:00 hrs.

# **Annexure**

## **Comparative Crashes Report 2020-2021**

	DISTRICT CREED		YEAR 2020			YEAR 2021		(	COMPARATIVE	%
SR. NO	DISTRICT -CP/ SP JURISDICTION AREA	TOTAL CRASHES	TOTAL KILLED	TOTAL INJURED	TOTAL CRASHES	TOTAL KILLED	TOTAL INJURED	TOTAL CRASHES	TOTAL KILLED	TOTAL INJURED
1	AKOLA	376	127	391	399	167	355	6	31	-9
2	AMARAVATI (R)	522	292	343	528	294	391	1	1	14
3	BULDHANA	529	299	338	481	246	316	-9	-18	-7
4	YAVATMAL	670	334	398	755	344	467	13	3	17
5	WASHIM	244	125	173	285	148	156	17	18	-10
6	AURANGABAD (R)	461	266	308	601	405	286	30	52	-7
7	JALNA	436	213	375	528	319	364	21	50	-3
8	BEED	555	329	365	686	424	405	24	29	11
9	OSMANABAD	549	272	448	624	274	424	14	1	-5
10	NANDED	629	268	443	750	344	418	19	28	-6
11	LATUR	515	251	292	618	293	347	20	17	19
12	PARBHANI	264	119	173	331	177	262	25	49	51
13	HINGOLI	233	125	225	276	157	269	18	26	20
14	KOLHAPUR	753	320	669	1031	381	994	37	19	49
15	PUNE (R)	1230	696	684	1363	798	962	11	15	41
16	SANGLI	588	279	486	718	344	546	22	23	12
17	SATARA	656	359	431	812	486	478	24	35	11
18	SOLAPUR (R)	813	425	609	945	553	872	16	30	43
19	BHANDARA	308	145	295	382	152	494	24	5	67
20	CHANDRAPUR	565	249	428	718	345	523	27	39	22
21	GADCHIROLI	231	142	242	247	148	273	7	4	13
22	GONDIA	218	140	239	252	132	233	16	-6	-3
23	NAGPUR (R)	774	382	711	969	466	901	25	22	27
24	WARDHA	431	183	373	484	219	414	12	20	11
25	AHMEDNAGAR	1225	642	701	1360	706	861	11	10	23
26	DHULE	626	385	840	675	382	732	8	-1	-13
27	JALGAON	755	472	551	794	527	531	5	12	-4
28	NASIK (R)	1239	801	820	1429	862	789	15	8	-4
29	NANDURBAR	216	146	278	275	207	360	27	42	29
30	RAIGAD	596	206	588	688	236	644	15	15	10
31	RATNAGIRI	303	103	372	325	96	498	7	-7	34
32	SINDHUDURG	147	51	176	159	64	178	8	25	1
33	THANE (R)	417	209	352	323	177	253	-23	-15	-28
34	PALGHAR	555	331	371	499	294	309	-10	-11	-17
35	NAGPUR (C)	773	210	752	958	268	964	24	28	28
36	PUNE (C)	482	143	388	741	255	556	54	78	43
37	THANE (C)	668	192	612	786	196	704	18	2	15
38	MUMBAI (C)	1812	349	1740	2214	387	1944	22	11	12
39	NASIK (C)	416	171	365	470	185	403	13	8	10
40	AURANGABAD (C)	406	136	293	471	154	388	16	13	32
41	SOLAPUR (C)	151	68	112	156	63	92	3	-7	-18
42	NAVI MUMBAI	553	213	446	695	295	533	26	38	20
43	AMRAVATI (C)	385	81	274	411	85	333	7	5	22
44	PIMPARI CHINCHWAD	525	253	335	695	292	501	32	15	50
45	MIRA BHAYANDER-V.VIRAR	171	67	109	570	181	348	233	170	219
	TOTAL	24971	11569	19914	29477	13528	23071	18	17	16

## **Crashes Report -2021**

SR. NO	DISTRICT –CP & SP JURIDUCTION AREA	TOTAL CRASHES	TOTAL DEATHS	TOTAL GRIEVOUS INJURED	TOTAL MINOR INJURED
1	AKOLA	399	167	94	261
2	AMARAVATI (R)	528	294	195	196
3	BULDHANA	481	246	147	169
4	YAVATMAL	755	344	205	262
5	WASHIM	285	148	49	107
6	AURANGABAD (R)	601	405	226	60
7	JALNA	528	319	328	36
8	BEED	686	424	362	43
9	OSMANABAD	624	274	391	33
10	NANDED	750	344	331	87
11	LATUR	618	293	283	64
12	PARBHANI	331	177	174	88
13	HINGOLI	276	157	208	61
14	KOLHAPUR	1031	381	645	349
15	PUNE (R)	1363	798	813	149
16	SANGLI	718	344	512	34
17	SATARA	812	486	423	55
18	SOLAPUR (R)	945	553	335	537
19	BHANDARA	382	152	240	254
20	CHANDRAPUR	718	345	245	278
21	GADCHIROLI	247	148	206	67
22	GONDIA	252	132	153	80
23	NAGPUR (R)	969	466	436	465
24	WARDHA	484	219	211	203
25	AHMEDNAGAR	1360	706	824	37
26	DHULE	675	382	546	186
27	JALGAON	794	527	389	142
28	NASIK (R)	1429	862	721	68
29	NANDURBAR	275	207	288	72
30	RAIGAD	688	236	379	265
31	RATNAGIRI	325	96	276	222
32	SINDHUDURG	159	64	85	93
33	THANE (R)	323	177	214	39
34	PALGHAR	499	294	262	47
35	NAGPUR CITY	958	268	552	412
36	PUNE CITY	741	255	457	99
37	THANE CITY	786	196	421	283
38	MUMBAI CITY	2214	387	1500	444
39	NASIK CITY	470	185	340	63
40	AURANGABAD CITY	471	154	281	107
41	SOLAPUR CITY	156	63	71	21
42	NAVI MUMBAI	695	295	411	122
43	AMARAVATI CITY	411	85	147	186
44	PIMPRI CHINCHWAD CITY	695	292	427	74
45	MIRA BHAYANDER-V. VIRAR	570	181	270	78
	TOTAL	29477	13528	16073	6998

## Range - Wise Crashes Report -2021

CDEVIOUS IN HIDED CDASHES								
GREVIOUS INJURED CRASHES		HES	FATAL CRAS					
		FEMALE DEATHS	MALE DEATHS	NO. OF CRASHES	DISTRICT/ COMMISSIONER	SR. NO.		
1199 448 581 109 690	1199	111	1088	1102	AMRAVATI RANGE			
167 67 72 22 94	167	16	151	150	AKOLA	1		
294 101 161 34 195	294	25	269	273	AMARAVATI (R)	2		
246 104 127 20 147	246	19	227	223	BULDHANA	3		
344 133 177 28 205	344	34	310	315	YAVATMAL	4		
148 43 44 5 49	148	17	131	141	WASHIM	5		
1422 798 1158 149 1307	1422	132	1290	1320	AURANGABAD RANGE			
405 184 206 20 226	405	33	372	370	AURANGABAD (R)	6		
319 170 326 2 328	319	15	304	303	JALNA	7		
424 229 319 43 362	424	47	377	394	BEED	8		
274 215 307 84 391	274	37	237	253	OSMANABAD	9		
971 723 897 99 996	971	99	872	917	NANDED RANGE			
344 279 304 27 331		37	307	330	NANDED	10		
293 245 255 28 283	293	23	270	278	LATUR	11		
177 100 158 16 174		23	154	168	PARBHANI	12		
157 99 180 28 208		16	141	141	HINGOLI	13		
2562 1843 2316 412 2728		290	2272	2384	KOLHAPUR RANGE			
381 557 556 89 645		64	317	367	KOLHAPUR	14		
798 473 671 142 813		78	720	741	PUNE (R)	15		
344 349 426 86 512		38	306	326	SANGLI	16		
486 285 367 56 423		54	432	446	SATARA	17		
553 179 296 39 335		56	497	504	SOLAPUR (R)	18		
1462 769 1284 207 1491		102	1360	1354	NAGPUR RANGE	10		
152 105 186 54 240		22	130	147	BHANDARA	19		
345 157 200 45 245		32	313	309	CHANDRAPUR	20		
148 65 165 41 206		16	132	131	GADCHIROLI	21		
132 84 134 19 153		20	112	126	GONDIA	22		
466         246         415         21         436           219         112         184         27         211		8	458	445	NAGPUR (R)	23		
		4	215	196	WARDHA	24		
2684 1763 2369 399 2768		240	2444	2427	NASHIK RANGE	25		
706 628 709 115 824		56	650	663	AHMEDNAGAR	25		
382 285 459 87 546		49	333	341	DHULE	26		
527 218 324 65 389		49	478	465	JALGAON NACUK (P)	27		
862 528 641 80 721		71	791	788	NASIK (R)	28		
207 104 236 52 288		15	192	170	NANDURBAR	29		
867 635 986 230 1216		72	795	796	KOKAN RANGE	00		
236 202 314 65 379		21	215	207	RAIGAD	30		
96 113 214 62 276		9	87	93	RATNAGIRI	31		
64 49 71 14 85		6	58	60	SINDHUDURG	32		
177 124 183 31 214		12	165	166	THANE (R)	33		
294 147 204 58 262		24	270	270	PALGHAR	34		
2361 3888 3932 945 4887	i	322	2039	2254	L COMMISSIONERATE RANGE			
268 375 427 125 552		54	214	255	NAGPUR (C)	35		
255 391 348 109 457		35	220	239	PUNE (C)	36		
196 364 351 70 421		25	171	185	THANE (C)	37		
387 1323 1226 274 1500		51	336	377	MUMBAI (C)	38		
185 225 267 73 340		21	164	176	NASIK (C)	39		
154 195 214 67 281		25	129	145	AURANGABAD (C)	40		
63 59 61 10 71	-	5	58	62	SOLAPUR (C)	41		
295 293 337 74 411		38	257	282	NAVI MUMBAI	42		
85 99 119 28 147		7	78	80	AMARAVATI (C)	43		
292 318 356 71 427	292	33	259	281	PIMPRI CHINCHWAD (C)	44		
181 246 226 44 270	181	28	153	172	MIRA BHAYANDER-V.VIRAR	45		
13528 10867 13523 2550		1368	12160	12554	GRAND TOTAL			

## Range - Wise Crashes Report -2021

			MINOR INJUI	RY CRASHES				
SR. NO.	DISTRICT/ COMMISSIONER	NO. OF CRASHES	MALE MINOR INJURED	FEMALE MINOR INJURED	TOTAL MINOR INJURED	WITHOUT INJURY CRASHES	TOTAL CRASHES	PERSONS DEATHS & INJURED
	AMRAVATI RANGE	636	831	164	995	262	2448	2884
1	AKOLA	131	216	45	261	51	399	522
2	AMARAVATI (R)	132	156	40	196	22	528	685
3	BULDHANA	133	148	21	169	21	481	562
4	YAVATMAL	159	218	44	262	148	755	811
5	WASHIM	81	93	14	107	20	285	304
	AURANGABAD RANGE	134	151	21	172	187	2439	2901
6	AURANGABAD (R)	44	52	8	60	3	601	691
7	JALNA	31	36	0	36	24	528	683
8	BEED	33	37	6	43	30	686	829
9	OSMANABAD	26	26	7	33	130	624	698
	NANDED RANGE	205	253	47	300	130	1975	2267
10	NANDED	83	79	8	87	58	750	762
11	LATUR	60	57	7	64	35	618	640
12	PARBHANI	41	72	16	88	22	331	439
13	HINGOLI	21	45	16	61	15	276	426
44	KOLHARUR	439	956	168	1124	203	4869	6414
14 15	KOLHAPUR	65 121	280 126	69 23	349 149	42 28	1031 1363	1375 1760
16	PUNE (R) SANGLI	19	29	5	34	24	718	890
17	SATARA	39	49	6	55	42	812	964
18	SOLAPUR (R)	195	472	65	537	67	945	1425
10	NAGPUR RANGE	742	1137	210	1347	187	3052	4300
19	BHANDARA	109	179	75	254	21	382	646
20	CHANDRAPUR	182	227	51	278	70	718	868
21	GADCHIROLI	37	53	14	67	14	247	421
22	GONDIA	30	62	18	80	12	252	365
23	NAGPUR (R)	239	453	12	465	39	969	1367
24	WARDHA	145	163	40	203	31	484	633
	NASHIK RANGE	194	396	109	505	149	4533	5957
25	AHMEDNAGAR	29	29	8	37	40	1360	1567
26	DHULE	35	139	47	186	14	675	1114
27	JALGAON	83	118	24	142	28	794	1058
28	NASIK (R)	47	58	10	68	66	1429	1651
29	NANDURBAR	0	52	20	72	1	275	567
	KOKAN RANGE	267	536	130	666	296	1994	2749
30	RAIGAD	117	225	40	265	162	688	880
31	RATNAGIRI	69	166	56	222	50	325	594
32	SINDHUDURG	31	66	27	93	19	159	242
33	THANE (R)	17	34	5	39	16	323	430
34	PALGHAR	33	45	2	47	49	499	603
TOTAL	COMMISSIONERATE RANGE	1392	1424	465	1889	633	8167	9137
35	NAGPUR (C)	281	304	108	412	47	958	1232
36	PUNE (C)	72	63	36	99	39	741	811
37	THANE (C)	185	206	77	283	52	786	900
38	MUMBAI (C)	345	358	86	444	169	2214	2331
39	NASIK (C)	44	52	11	63	25	470	588
40	AURANGABAD (C)	72	81	26	107	59	471	542
41	SOLAPUR (C)	19	19	2	21	16	156	155
42	NAVI MUMBAI	92	95	27	122	28	695	828
43	AMARAVATI (C)	150	129	57	186	82	411	418
44	PIMPRI CHINCHWAD (C)	64	56	18	74	32	695	793
45	MIRA BHAYANDER-V.VIRAR	68	61	17	78	84	570	529
	GRAND TOTAL	4009	5684	1314	6998	2047	29477	36609

## **All Maharashtra Year Wise Crashes Report**

	YEAR	Fatal Crashes		Grevious Injury		Minor Injury				Total
Sr.No		Crashes	Deaths	Crashes	Injured	Crashes	Injured	Without Injury	Total Crashes	Deaths & Injuries
1	2019	11787	12788	12197	19152	5473	9476	3468	32925	41416
2	2020	10773	11569	9094	13971	3432	5943	1672	24971	31483
3	2021	12554	13528	10867	16073	4009	6998	2047	29477	36599
1	erence 0-21) %	+17	+17	+19	+15	+17	+18	+22	+18	+16

## **Crashes Classified On Mumbai-Pune Expressway**

		Fatal Crashes		Grevious Injury		Minor Injury				Total
Sr.No	YEAR	Crashes	Deaths	Crashes	Injured	Crashes	Injured	Without Injury	Total Crashes	Deaths & Injuries
1	2019	74	92	67	162	27	31	185	353	285
2	2020	62	66	38	79	12	13	49	161	158
3	2021	71	88	54	146	16	18	59	200	252
	erence (0-21) %	+15	+33	+42	+85	+33	+38	+20	+24	+59

## Fatal & Non-Fatal Crashes By Month

			Ту	pe of Crash	es		Nu	ımber of per	sons involv	ed
Sr. No.	Month	Fatal Crashes	Grevious Injury	Minor Injury	Non- Injury	Total	Deaths	Grevious Injured	Minor Injured	Total
1	January	1251	1118	400	192	2961	1347	1733	745	3825
2	February	1198	1029	357	203	2787	1303	1534	612	3449
3	March	1215	1039	361	249	2864	1302	1519	613	3434
4	April	811	587	218	116	1732	875	859	403	2137
5	May	883	614	244	108	1849	948	882	406	2236
6	June	992	790	298	147	2227	1062	1167	557	2786
7	July	996	842	315	175	2328	1089	1276	499	2864
8	August	895	839	329	162	2225	964	1228	604	2796
9	September	917	841	325	177	2260	987	1180	555	2722
10	October	1010	1008	382	179	2579	1073	1446	611	3130
11	November	1137	1044	395	147	2723	1220	1605	700	3525
12	December	1249	1116	385	192	2942	1358	1644	693	3695
Т	OTAL	12554	10867	4009	2047	29477	13528	16073	6998	36599

## **Road Traffic Crashes By Time Of Day 2021**

		Number o	of Crashes			N	umber of perso	ns
Time	Fatal Crashes	Grevious Injury	Minor Injury	Non- Injury	Total	Deaths	Grevious Injury	Minor Injury
06-09 hrs.	1335	1146	416	196	3093	1457	1720	668
09-12 hrs.	1515	1643	602	326	4086	1628	2373	1049
12-15 hrs.	1743	1663	662	386	4454	1901	2423	1230
15-18 hrs.	1958	1753	718	386	4815	2116	2571	1176
18-21 hrs.	2528	2078	747	317	5670	2677	3035	1266
21-24 hrs.	1670	1295	490	198	3653	1788	1904	862
00-03 hrs.	841	608	200	143	1792	920	965	369
03-06 hrs.	783	559	164	84	1590	846	897	341
Unknown Time	181	122	10	11	324	195	185	37
TOTAL	12554	10867	4009	2047	29477	13528	16073	6998

## **Crashes Classified According to Weather Conditions**

Weather Condition	Fatal	Grevious Injury	Minor Injury	Non Injury	Total	Deaths	Grevious Injured	Minor Injury
Sunny/Clear	11761	9995	3660	1835	27251	12672	14760	6439
Rainy	599	664	259	139	1661	642	946	413
Foggy & Misty	184	195	82	63	524	202	347	127
Hail/Sleet	10	13	8	10	41	12	20	19
Others (Specify)	0	0	0	0	0	0	0	0
TOTAL	12554	10867	4009	2047	29477	13528	16073	6998

## **Crashes According to the Classification of Road**

Classification of Road	Fatal	Grevious Injury	Minor Injury	Non Injury	Total	Deaths	Grevious Injured	Minor Injury
Expressways	71	54	16	59	200	88	146	18
National Highways	3607	2339	841	514	7301	3992	3929	1808
State Highways	3151	2049	769	359	6328	3411	3447	1631
Other Roads	5725	6425	2383	1115	15648	6037	8551	3541
Total	12554	10867	4009	2047	29477	13528	16073	6998

## **Crashes Classified According to Road Environment**

		Number o	f Crashes			N	lumber of Pe	sons
Crashes Spot	Fatal Crashes	Grevious Injury	Minor Injury	Non Injury	Total	Deaths	Grevious Injury	Minor Injury
Residential Area	3008	3827	1522	663	9020	3164	5113	2342
Institutional Area	656	675	213	106	1650	694	887	347
Market/ Commercial area	904	958	387	197	2446	972	1403	618
Open Area	7986	5407	1887	1081	16361	8698	8670	3688
Others	0	0	0	0	0	0	0	3
TOTAL	12554	10867	4009	2047	29477	13528	16073	6998

## **Crashes Classified According to Road Features**

Road Feature	Fatal Crashes	Grevious Injury	Minor Injury	Non Injury	Total	Deaths	Grievous Injured	Minor Injury
Straight Road	10560	9369	3485	1732	25146	11333	13392	5958
Curved Road	1349	1006	348	191	2894	1478	1842	777
Bridge	347	284	98	56	785	379	472	136
Culvert	86	44	21	17	168	107	116	29
Pot Holes	13	13	6	1	33	14	45	8
Steep Grade	64	81	19	34	198	68	126	31
Road Under Construction	135	70	32	16	253	149	80	59
Others	0	0	0	0	0	0	0	0
TOTAL	12554	10867	4009	2047	29477	13528	16073	6998

## **Crashes Classified According to Junction Type**

		Number o	f Crashes				Number of Perso	ons
	Fatal	Grevious	Minor	Non	Total	Deaths	Inju	ured
Junction Type	Crashes	Injury	Injury	Injury			Grevious Injured	Minor Injury
T Junction	456	396	159	104	1115	498	617	242
Y Junction	263	224	111	46	644	284	321	137
Four Arm Junction	265	321	91	33	710	270	402	138
Staggered Junction	129	129	21	5	284	134	171	39
Round About Junction	52	66	14	13	145	53	77	16
Total	1165	1136	396	201	2898	1239	1588	572

## **Crashes Classified According to Traffic Control at junction**

		Number of	Crashes			Nur	nber of Persor	าร
	Fatal	Grevious	Minor	Non	Total	Deaths	Injured	
Traffic Control	Crashes	Injury	Injury	Injury			Grevious Injured	Minor Injury
Traffic light Signal	26	32	22	6	86	27	50	31
Police Controlled	64	51	12	5	132	68	75	29
Stop Sign	14	35	5	1	55	14	46	6
Flashing signal/blinker	31	45	10	7	93	31	59	15
Uncontrolled	1030	973	347	182	2532	1099	1358	491
Total	1165	1136	396	201	2898	1239	1588	572

#### **Crashes Classified According to Pedestrian Infrastructure**

		Nun	nber of Crashes			Number of persons			
Pedestrian Infrastructure	Fatal	Grevious Injury	Minor Injury	Non Injury	Total	Fatal	Grevious Injury	Minor Injury	
Zebra Crossing	10	15	14	2	41	10	15	14	
Foot Bridge/Subway	11	5	4	1	21	11	5	4	
Footpath	97	78	15	2	192	98	94	18	
Others	2533	2586	761	14	5894	2558	2839	878	
Total	2651	2684	794	19	6148	2677	2953	914	

## **Crashes Classified According to Type of Impacting Vehicle/Objects**

Type of Vehicle	Fatal	Grevious Injury	Minor Injury	Non Injury	Total	Deaths	Grevious Injured	Minor Injury
Pedestrian	2651	2684	794	19	6148	2677	2953	914
Bicycles	142	164	97	6	409	143	169	108
Two Wheelers	6458	5176	1846	616	14096	6943	7527	3102
Auto Rickshaws	334	413	161	201	1109	371	709	388
Cars, Taxis, Vans & LMV	1465	1439	566	708	4178	1689	2767	1250
Trucks/Lorries	573	417	218	209	1417	643	720	387
Buses	71	101	83	93	348	92	318	383
Others	860	473	244	195	1772	970	910	466
Total	12554	10867	4009	2047	29477	13528	16073	6998

## Persons Deaths in Crashes Classified by the type of impacting vehicles

Crime Vehicle Victim/Victim	Bicycles	Two Wheelers	Auto Rickshaws	Cars,Taxis, Vans & LMV	Trucks/Lorries	Buses	Others	Total
Vehicle								
Pedestrian	0	582	80	774	532	105	604	2677
Bicycles	0	32	5	49	29	4	24	143
Two Wheelers	0	2177	228	1653	1317	147	1421	6943
Auto Rickshaws	0	5	54	141	92	11	68	371
Cars, Taxis, Vans & LMV	0	3	0	749	616	28	293	1689
Trucks/Lorries	0	0	0	0	455	34	154	643
Buses	0	0	0	0	59	23	10	92
Others	0	65	20	111	189	32	553	970
Total	0	2864	387	3477	3289	384	3127	13528

#### Persons Grevious injured in Crashes Classified by the type of impacting Vehicles

Crime Vehicle	Bicycles	Two Wheelers	Auto Rickshaws	Cars,Taxis, Vans & LMV	Trucks /Lorries	Buses	Others	Total
Victim/Victim Vehicle								
Pedestrian	0	1134	204	846	313	113	343	2953
Bicycles	0	80	4	48	13	8	16	169
Two Wheelers	0	2474	303	2408	1145	193	1004	7527
Auto Rickshaws	0	17	91	302	161	19	119	709
Cars, Taxis, Vans & LMV	0	4	4	1361	769	79	550	2767
Trucks/Lorries	0	0	0	24	428	46	222	720
Buses	0	0	0	2	143	111	62	318
Others	0	32	16	199	119	43	501	910
Total	0	3741	622	5190	3091	612	2817	16073

#### Persons Minor injured in Crashes Classified by the type of impacting vehicles

Crime Vehicle	Bicycles	Two Wheelers	Auto Rickshaws	Cars, Taxis, Vans & LMV	Trucks/ Lorries	Buses	Others	Total
Victim/Victim Vehicle		***************************************	radionalia	Tuno G Imi	2011.00			
Pedestrian	0	379	112	226	70	17	110	914
Bicycles	0	57	4	31	8	3	5	108
Two Wheelers	0	1094	193	1057	358	54	346	3102
Auto Rickshaws	0	26	120	110	61	10	61	388
Cars, Taxis, Vans & LMV	0	10	11	584	394	49	202	1250
Trucks/Lorries	0	0	0	2	254	8	123	387
Buses	0	0	0	0	194	112	77	383
Others	0	15	3	48	87	18	295	466
Total	0	1581	443	2058	1426	271	1219	6998

## **Crashes Classified According to Age of Impacting Vehicles**

		Number o	f Crashes			Number of Persons           Injured           Deaths         Grevious Injured         Minor Injury           5351         6549         2845           4146         4899         2170		
	Fatal	Cuarrianna	Minan	Non			Inju	ıred
Age of Vehicles	Fatal Crashes	Grevious Injury	Minor Injury	Non Injury	Total	Deaths		
Less than 5 years	4949	4442	1631	892	11914	5351	6549	2845
5 – 10 years	3826	3150	1230	647	8853	4146	4899	2170
10 - 15 years	2011	2048	743	352	5154	2153	2850	1305
> 15 years	939	587	191	75	1792	1001	888	389
Age Not Known	829	640	214	81	1764	877	887	289
Total	12554	10867	4009	2047	29477	13528	16073	6998

#### **Crashes Classified According to Load Condition of Involved Vehicle**

		Number of	Crashes				Number of Pers	ons
	Fatal	Grevious	Minor	Non			Inju	ured
Load Condition	Crashes	Injury	Injury	Injury	Total	Deaths	Grevious Injured	Minor Injury
Normally Loaded	7239	6769	2642	1285	17935	7762	9931	4824
Overloaded/ Hanging	698	716	175	127	1716	813	1218	341
Empty	3788	2742	978	554	8062	4084	4055	1550
Not known	829	640	214	81	1764	869	869	283
Total	12554	10867	4009	2047	29477	13528	16073	6998

## Crashes Classified According to Type of Collision (a)

		Number o	of Crashes			Nι	umber of Crash	es
Nature of Crashes	Fatal Crashes	Grevious Injury	Minor Injury	Non Injury	Total	Deaths	Grevious Injury	Minor Injury
Vehicle to Vehicle	6848	6092	2370	1179	16489	7161	8975	4208
Vehicle to Pedestrian	2651	2684	794	19	6148	2677	2953	914
Vehicle to Non-Motorised vehicle	180	206	114	52	552	186	216	127
Vehicle to Animal	61	32	6	6	105	64	42	20
Total	9740	9014	3284	1256	23294	10088	12186	5269

## **Crashes Classified According to Type of Collision (b)**

		Number of	Crashes			Nu	umber of perso	ons
Nature of Crashes/ Fatalities	Fatal Crashes	Grevious Injury	Minor Injury	Non Injury	Total	Deaths	Grevious Injury	Minor Injury
Hit & Run	3052	3268	1080	574	7974	3215	4400	1533
With Parked Vehicle	349	253	80	64	746	384	375	120
Hit from Back	3179	2597	1053	449	7278	3378	3799	1826
Hit from side	2067	1846	692	316	4921	2238	2799	1242
Run Off Road	757	522	308	148	1735	835	857	565
Fixed Object	240	121	46	66	473	270	257	144
Vehicle Overturn	709	347	115	137	1308	767	607	337
Head on Collision	2130	1873	629	273	4905	2369	2890	1224
Others	71	40	6	20	137	72	89	7
Total	12554	10867	4009	2047	29477	13528	16073	6998

## **Crashes Classified According to Type of Traffic Violations**

			Number of	Crashes		Nur	nber of Person	s
Type of Traffic Violations	Fatal	Grevious Injury	Minor Injury	Non Injury	Total	Deaths	Grevious Injured	Minor Injury
Over-Speeding	9130	7631	2602	1497	20860	9829	11369	4558
Drink- Driving	81	91	66	19	257	94	140	97
Driving on Wrong side	332	311	132	33	808	376	466	253
Jumping Red Light	0	6	2	1	9	0	8	2
Use of Mobile Phone	2	3	0	1	6	2	3	0
Others	3009	2825	1207	496	7537	3227	4087	2088
Total	12554	10867	4009	2047	29477	13528	16073	6998

## Crashes Classified According to Non-use of Safety Device by Victim

	Number o	of Persons	
Safety Devices	Deaths	Grevious Injured	Minor Injured
Wearing of Helmets	4966	4848	2063
Use Helmets Drivers	3403	3031	1245
Use Helmets Passengers	1563	1817	818
Wearing of Seat Belt	1344	1927	964
Wearing Seat Belt Drivers	694	886	453
Wearing Seat Belt Passengers	650	1041	511
Total	6310	6775	3027

## **Crashes Classified According to License of Drivers**

		Number o	of Crashes		
Type of License	Fatal Crashes	Grevious Injury	Minor Injury	Non Injury	Total
Valid Permanent License	11056	9731	3678	1880	26345
Learner License	214	185	32	29	460
Without License	454	311	86	55	906
Not known	829	640	213	82	1764
Not Applicable	1	0	0	1	2
Total	12554	10867	4009	2047	29477

## **Crashes Classified According to Type of Road User**

Persor	าร			N	umber of P	ersons			
		Fatal		Grevious	Injured	Minor I	njured	To	otal
		Male	Female	Male	Female	Male	Female	Male	Female
Pedestrians		2287	390	2317	636	664	250	5268	1276
	Total	131	12	152	17	100	8	383	37
Bicycles	Drivers	129	11	148	12	94	7	371	30
	Passengers	2	1	4	5	6	1	12	7
	Total	6286	657	6492	1035	2578	524	15356	2216
Two Wheeler	Drivers	4828	138	4650	273	1774	145	11252	556
	Passengers	1458	519	1842	762	804	379	4104	1660
	Total	324	47	555	154	278	110	1157	311
Auto Rickshaws	Drivers	151	0	283	4	128	0	562	4
	Passengers	173	47	272	150	150	110	595	307
	Total	1503	186	2269	498	1011	239	4783	923
Cars/Taxi/Van/LMV	Drivers	736	11	1107	16	520	16	2363	43
	Passengers	767	175	1162	482	491	223	2420	880
	Total	628	15	688	32	374	13	1690	60
Trucks/Lorries	Drivers	380	0	362	0	192	1	934	1
Trucks/Lorries	Passengers	248	15	326	32	182	12	756	59
	Total	86	6	243	75	287	96	616	177
Buses	Drivers	28	0	52	0	36	0	116	0
	Passengers	58	6	191	75	251	96	500	177
Other Non-Motor	Total	31	12	35	12	18	1	84	25
Vehicles (E-rickshaw etc.)	Drivers	18	0	19	0	12	0	49	0
(=,	Passengers	13	12	16	12	6	1	35	25
	Total	884	43	755	108	391	56	2030	207
Other Motor Vehicles	Drivers	438	1	393	11	185	0	1016	12
	Passengers	446	42	362	97	206	56	1014	195
Total		12160	1368	13506	2567	5701	1297	31367	5232
Driver	's	6579	150	6866	304	2847	162	16663	646
Pedestrain+ Pass Persoi		5581	1218	6640	2263	2854	1135	14704	4586

## Crashes Classified According to Type of Victims, Age and Gender

		Num	ber of Persons		
Victims	Ago	Dea	aths	Injure	ed
VICUIIIS	Age	Male	Female	Male	Female
Driv	ers Total	6579	150	9713	466
	0-18	61	1	48	5
	18-25	1401	26	1992	101
	25-35	1952	62	3037	156
Drivers	35-45	1795	43	2562	144
	45-60	1120	16	1578	53
	60+	176	1	274	3
	Unknown	74	1	222	4
Passe	ngers Total	3163	816	6261	2487
	0-18	152	35	269	159
	18-25	612	101	1303	418
	25-35	930	211	1866	690
Passengers	35-45	832	254	1642	676
	45-60	559	165	899	440
	60+	64	49	246	87
	Unknown	14	1	36	17
Pedes	trian Total	2287	390	2981	886
	0-18	91	18	188	80
	18-25	224	21	365	76
	25-35	504	57	646	176
Pedestrian	35-45	599	94	732	211
	45-60	571	114	701	222
	60+	238	77	323	113
	Unknown	60	9	26	8
Сус	list Total	131	12	252	25
	0-18	10	5	30	10
	18-25	18	3	41	6
	25-35	28	3	45	5
Cyclist	35-45	20	1	60	3
	45-60	37	0	63	1
	60+	17	0	13	0
	Unknown	1	0	0	0
	Total	12160	1368	19207	3864

## **Crashes and Fatalities Occurred on National Highways**

Different categories	Crashes	Deaths
National Highways under NHAI	5703	3107
National Highways under State PWD	1269	682
National Highways under Other Departments	529	291
Total	7501	4080

#### **Crashes/Persons Death Under the Category of Road User**

5	National Highw	rays under NHAI	National Highway PWI		National Highway Departn	
Road User	Crashes	Persons Deaths	Crashes	Persons Deaths	Crashes	Persons Deaths
Pedestrian	678	494	184	89	61	46
Bicycles	35	13	9	5	4	0
Two Wheelers	2288	1400	660	388	207	117
Auto Rickshaws	172	72	42	16	17	5
Cars, Taxis, Vans & LMV	1478	624	236	121	97	55
Trucks/Lorries	552	243	93	44	45	30
Buses	88	43	13	3	6	0
Other Non-Motorized Vehicles	31	18	1	0	0	0
Others	381	200	31	16	92	38
Total	5703	3107	1269	682	529	291

## Crashes and Fatalities Classified According to Type of Traffic Violation

Type of traffic	National Highw	/ays under NHAI	National Highway	s under State PWD	National Highwa Other Depart	-
violation	Crashes	Person Deaths	Crashes	Person Deaths	Crashes	Persons Death
Over-Speeding	4665	2586	787	478	299	180
Drunken Driving	27	16	17	4	2	0
Driving on Wrong side	124	90	34	19	28	17
Jumping Red Light	2	0	0	0	0	0
Use of Mobile Phone	0	0	0	0	0	0
Others	885	415	431	181	200	94
Total	5703	3107	1269	682	529	291

## Maharashtra Black Spot Report - 2021

				All Highways	And Other Roads	<u> </u>	
Sr. No.	District	NH	SH	MDR	OR	EW	Total
1	Amravati City	1	0	0	0	0	1
2	Aurangabad City	21	35	0	8	0	64
3	Brihan Mumbai	0	0	0	48	0	48
4	Nagpur City	13	9	0	23	0	45
5	Nashik City	17	0	0	6	0	23
6	Navi Mumbai	15	0	0	32	5	52
7	Pune City	13	6	0	14	0	33
8	Solapur City	21	0	0	0	0	21
9	Thane City	15	5	0	8	0	28
10	Pimpri Chinchwad	17	0	0	2	0	19
11	Ahmednagar	45	6	0	5	0	56
12	Akola	0	0	0	0	0	0
13	Amravati Rural	16	23	0	0	0	39
14	Aurangabad Rural	15	23	0	0	0	38
15	Beed	12	1	0	0	0	13
16	Bhandara	0	0	0	0	0	0
17	Buldhana	0	0	0	0	0	0
18	Chandrapur	11	3	0	0	0	14
19	Dhule	34	15	0	5	0	54
20	Gadchiroli	0	0	0	0	0	0
21	Gondia	2	6	0	0	0	8
22	Hingoli	0	12	0	1	0	13
23	Jalgaon	3	0	0	0	0	3
24	Jalyaon	13	3	0	0	0	16
25	Kolhapur	15	1	0	1	0	17
26	Latur	0	0	0	0	0	0
27	Nagpur Rural	37	1	0	2	0	40
	Nagpur Rurai Nanded						40
28		40	5	0	2	0	
29	Nandurbar	30	7	0	1	0	38
30	Nashik Rural	37	2	0	0	0	39
31	Osmanabad	0	0	0	0	0	0
32	Parbhani	1	1	0	0	0	2
33	Pune Rural	9	0	0	2	0	11
34	Palghar	11	2	0	7	0	20
35	Raigad	21	3	0	2	5	31
36	Ratnagiri	6	0	0	0	0	6
37	Sangli	15	0	0	7	0	22
38	Satara	35	5	0	2	0	42
39	Sindhudurg	1	0	0	0	0	1
40	Solapur Rural	37	2	0	0	0	39
41	Thane Rural	9	0	0	0	0	9
42	Wardha	15	17	4	0	0	36
43	Washim	3	1	0	0	0	4
44	Yavatmal	4	8	0	0	0	12
	TOTAL	610	202	4	178	10	1004

#### **Cases And Fine Information -2021**

#### Cases under Specific Violation of M.V.Act. causing major fatality

Sr. No.	District	Druni Dri (Sec 18		_	us Driving 84 MVA)		ut Helmet /177 MVA)		olating-Driver /183(1) MVA)	(MVDR	Cutting 6(1)/177 IVA)
		Cases	Fine	Cases	Fine	Cases	Fine	Cases	Fine	Cases	Fine
1	Ahmednagar	81	0	2389	2388000	15761	7880000	117	117000	205	41000
2	Akola	0	0	649	649000	661	330500	4751	4751000	1	200
3	Amravati (C)	1	0	1639	1638000	29	14500	11401	11401000	1	200
4	Amravati (R)	690	0	1525	1525000	363	181500	13476	13476000	15	3000
5	Aurangabad (C)	9	0	9330	9302000	39586	19781500	25794	25794000	1184	236800
6	Aurangabad (R)	1	0	260	255000	4297	2146500	44	44000	1025	205000
7	Beed	105	0	858	858000	1925	962500	2030	2030000	27	5400
8	Bhandara	22	0	532	532000	2337	1167000	1344	1344000	1000	199600
9	Buldhana	6	0	464	464000	199	99500	2119	2119000	312	62400
10	Chandrapur	365	0	859	859000	7583	3791500	1623	1623000	69	13800
11	Dhule	390	0	217	217000	270	135000	27	27000	249	49800
12	Gadchiroli	0	0	32	32000	348	174000	456	456000	0	0
13	Gondia	1	0	37	37000	14	7000	0	0	0	0
14	Hingoli	1	0	1262	1261000	2484	1242000	7985	7985000	1414	282800
15	Jalgaon	105	0	806	806000	36405	18201500	5866	5866000	73	14600
16	Jalna	0	0	355	355000	792	396000	795	795000	35	7000
17	Kolhapur	240	0	1188	1188000	3521	1760500	20104	20104000	477	95400
18	Latur	387	0	564	564000	1208	604000	15349	15349000	192	38400
19	Mira Bhayander	167	0	2673	2667000	39960	19978500	21	21000	1736	347200
20	Mumbai Police Stn.	0	0	1360	1358000	71353	35673500	94	94000	1213	242600
21	Mumbai Traffic	3	0	46443	46438000	805095	402537000	120983	120983000	57718	11543000
22	Nagpur (C)	0	0	16547	16547000	263627	131813000	19892	19892000	405	81000
23	Nagpur (R)	62	0	319	303000	617	302000	3984	3983000	1048	209600
24	Nanded	9	0	1576	1576000	664	332000	7020	7020000	114	22800
25	Nandurbar	372	0	423	423000	338	169000	18767	18767000	160	32000
26	Nashik (C)	69	0	1340	1340000	11729	5864500	51344	51344000	163	32600
27	Nashik (R)	261	0	244	244000	3879	1939500	2684	2684000	531	106200
28	Navi Mumbai	4	0	13626	13625000	165920	82959500	73301	73301000	19706	3941200
29	Osmanabad	0	0	144	144000	1050	525000	61	61000	145	29000
30	Palghar	13	0	660	660000	2610	1305000	39	39000	116	23200
31	Parbhani	0	0	465	465000	195	97500	52	52000	5	1000
32	Pimpri Chinchwad	76	0	16557	16555000	83370	41680000	25436	25434000	13398	2679600
33	Pune (C)	68	0	10476	10447000	1740670	867605500	19597	19592000	891	178000
34	Pune (R)	137	0	5813	5813000	8460	4229500	108	108000	1229	245800
35	Raigad	1	0	575	574000	8282	4141000	11	11000	493	98600
36	Railway Mumbai	0	0	0	0	0	0	0	0	0	0
37	Ratnagiri	2	0	280	279000	31287	15634500	33	33000	6	1200
38	Sangli	273	0	3525	3519000	830	415000	4586	4586000	14	2800
39	Satara	473	0	1501	1499000	5254	2626500	12905	12905000	31760	6352000
40	Sindhudurg	0	0	196	196000	1275	637000	19	19000	12	2400
41	Solapur (C)	69	0	2474	2473000	13763	6881500	6321	6321000	37	7400
42	Solapur (R)	292	0	3782	3782000	13070	6535000	18802	18802000	2230	446000
43	Thane (C)	3704	0	16851	16846000	172943	86469000	30599	30599000	7810	1562000
44	Thane (R)	0	0	100	99000	3683	1841000	1	1000	167	33400
45	Wardha	0	0	391	391000	3819	1909500	5579	5579000	1567	313400
46	Washim	110	0	2213	2139000	8117	4058500	147	147000	130	26000
47	Yavatmal	861	0	191	191000	669	334500	1840	1840000	62	12400
48	Highway Police	23	0	37661	37657000	178633	89315000	1220896	1220784000	631480	126290600
	1			2,001	1 2.33,000		22313300	1	1		1

#### Cases And Fine Information -2021

Cases under Specific Violation of M.V.Act. causing major fatality

Sr. No.	District	(MVD)	side Driving R 4/122 177 MVA)	D	olle Phane while triving 0 (A)/177 MVA)	(CMVR	ut Seatbelt 138(3)/177 MVA)	(MMV	sing signal R 239/177 MVA)	Othe	er Cases	,	otal
200		Cases	Fine	Cases	Fine	Cases	Fine	Cases	Fine	Cases	Fine	Total Cases	Total Fine
1	Ahmednagar	1101	1101000	7138	1427400	53882	10776000	2070	414000	179264	41359600	262008	65504000
2	Akola	186	186000	5480	1096000	14199	2839000	605	121000	119882	24202600	146414	34175300
3	Amravati (C)	1805	1805000	5709	1141800	1390	277800	3821	764200	121656	27502100	147452	44544600
4	. Amravati (R)	60	60000	4423	884600	36603	7318400	21	4200	113968	25096000	171144	48548700
5	Aurangabed (C)	3981	3979000	12287	2456200	25688	5133600	41502	B290800	251987	58709800	411348	133683700
6	Aurangabad (R)	374	374000	1368	273000	7030	1402600	1	200	91956	18931500	106356	23631800
7	Beed	298	298000	6169	1233800	15923	3184600	55	11000	80145	18751000	107535	27334300
8	Bhandara	114	114000	465	92400	8019	1603400	2	400	60919	13557700	74754	18610500
9	Buidhana	45	45000	946	189200	13866	2773200	1	200	141240	28771300	159198	34523800
10	Chandrapur	333	333000	1030	206000	6752	1350400	4554	910600	93486	21004000	116654	30091300
11	Dhule	49	49000	1429	285800	14229	2845800	24	4800	70980	14853100	87864	18467300
12	Gadchiroli	7	7000	1007	201400	2608	521600	0	0	23413	5118600	27871	6510600
13	Gondia	19	19000	85	17000	4600	920000	374	74800	19707	4036600	24837	5111400
14	Hingoli	1363	1363000	2312	462400	1447	289200	1	200	54775	11644000	73044	24529600
15	Jalgaon	165	165000	5893	1178600	12695	2539000	53	10600	162096	34477800	224157	63259100
16	Jaina	33	33000	3386	677200	2965	593000	37	7400	84882	19036900	93280	21900500
17	Kolhapur	344	344000	19368	3873600	11405	2281000	3389	677800	328879	68513600	388915	98837900
18	Latur	1419	1419000	3727	745400	6350	1269800	8797	1759400	131952	34485700	169945	56234700
19	Mira Bhayander	5295	5295000	4424	884600	12248	2449000	5615	1123000	305559	75440100	377698	108205400
20	Mumbai Police Stn.	1075	1075000	1707	341400	4612	922200	5862	1172000	206575	51993200	293851	92871900
21	Mumbei Traffic	63042	63036000	36787	7357200	88509	17701600	325329	65063400	5238615	1086661700	6782524	1821320900
22	Nagpur (C)	5557	5557000	48469	9693800	44727	8945400	37886	7577200	486230	128906450	923340	329012850
23	Nagpur (R)	81	80000	3214	639800	13311	2657000	2	400	50065	10612200	72703	18787000
24	Nanded	1497	1497000	11425	2285000	8441	1688200	6066	1213200	192899	52539400	229711	68173600
25	Nandurbar	121	121000	1930	386000	11180	2236000	282	56400	84307	17418100	117880	39608500
26	Nashik (C)	629	629000	5460	1092000	17982	3596400	14791	2958200	120641	26209900	224148	93066600
27	Nashik (R)	59	59000	1656	331200	9785	1957000	156	31200	61940	13117700	81195	20469800
28	Navi Mumbai	8628	8627000	7736	1546800	47051	9410000	20617	4123000	445069	102942900	801658	300476400
29	Osmanabad	60	60000	1360	272000	5508	1101600	0	0	96977	20251900	105305	22444500
30	Palghar	1586	1586000	1358	271600	1304	260800	539	107800	64499	15038200	72724	19291600
31	Parbhani	1267	1267000	2857	571400	1330	266000	1	200	72599	17474500	78771	20194600
32	Pimpri.	40500	40498000	22305	4460800	44870	8973600	51577	10314200	636255	145604500	934344	296199700
	Chinchwad				100710000				26996400				W. C. St. C.
33.	Pune (C)	11259	11243000	23341	4664800	51750	10346800	135057	THE RESERVE AND ADDRESS OF THE PARTY OF THE	1249399	269406350	3242508	1220479850
34	Pune (R)	2655	2655000	5593	1118600	11418	2283400	78	15600	207395	49726200	242886	66195100
35	Raigad Railway Mumbai	147	147000	825	164800	8244	1648800	0	800	140384	31869700	158966	38655700
37	Ratnagiri	181	181000	706	141200	10982	2196000	273	54600	123846	28076000	167596	46596500
38	Sangli	304	303000	14256	2851000	4452	890200	478	95600	271264	61029500	299982	73692100
39	Satara	617	617000	7368	1473600	13020	2604000	6407	1281400	258395	57496800	337700	86855300
40	Sindhudurg	10	10000	520	104000	4123	B24400	5	1000	47142	10410200	53302	12204000
41	Solapur (C)	2594	2594000	5121	1024200	5097	1019200	432	86400	107280	23868200	143188	44274900
42	Solapur (R)	503	503000	9309	1861800	29116	5823200	33	6600	90100	22867800	167237	60627400
43	Thane (C)	22024	22022000	14247	2848800	32763	6552600	36554	7318400	736295	185192650	1073830	359410450
-						777	155400	58	11600	17285	4006400	22995	6826200
44	Thane (R)	617 ene	617000	307	61400	-		-				-	-
45	Wardha	808	808000	1759	351800	6002	1200200	1 77	200	35245	7521600	55171	18074700
46	Washim	560	554000	5762	1152200	9930	1985600	27	5400	172567	44852500	199563	54920200
47	Yavatmai Minhoror Rollen	2623	178000	2634	526800	14564	2912600	297	59400	116640	23704000	137936	29758700
48	Highway Police	7623	7622000	11166 335824	2233200 67153600	123264 876011	24652000 175177600	45	9000	713706	163265800 3217556350	2924497	1671828600

Cases And Fine Information -2021
Cases under Specific Violation of M.V.Act. causing major fatality

Sr. Vo.	District	Drunk Dri (Sec MV	ve 185	Dange Driv (Set 184	ing	(Sec 12	ut Helmet 29/194(D) fVA)	(Sec 1	Violating- Oriver 12/183(1) MVA )	Lame Co MVDR 60 MV	(1)/177	Wrong Driv (MVDR 177 N	ing 4/122	while	tobile Phone e Driving 64 C MVA }
377		Cases	Fine	Cases	Fine	Cases	Fine	Cases	Fine	Cases	Fine	Cases	Fine	Caves	Fine
1	Ahmednagar	.0	0	17	0	529	264500	0	0	1	0	-5	0	156	168000
2	Akola	1	0	18	0	4	2000	398	818000	0	0	5	-0	24	26500
3	Amravati (C)	-0	0	1	.0	2	1000	649	1308000	0	0	. 5	0	117	122000
4	Amravati (R)	0	0	3	. 0	26	13000	1195	2434000	1	0:	1	0	11	11500
5	Aurangabad (C)	0	0	12	0	905	452000	1408	2811000	2	0	16	0	173	197000
6	Aurangabad (R)	0	0	2	.0	98	49000	0	0	0	0	6	0	7	15000
7	Beed	0	0	2	-0	217	108500	685	1378000	0	0	1	- 0	43	50500
8	Bhandara	0	0	2.	.0	-8	4000	5:	22000	0	0	0	0	1	1000
9	Suldhana	22	0	- 6	0	-12	6000	3	3000	1	0	2	- 0	5	5500
10	Chandrapur	0	0	1	0	388	194000	. 37	74000	0	0	11	- 0	26	33000
11	Dhule	99	0	0	0	5	2500	0	0	1	0	2	0	35	34500
12	Gadchiroli	.0	0	1	0	69	34500	54	113000	0	0	0	0	0	. 0
13	Gondia	0	0	0	0	. 2	1000	0	.0	0	0	0	0	. 0	. 0
t#	Hingoli	0	0	0	0	22	11000	0	0	0	0	1	0	60	59000
15	Jalgaon	1	0	3	. 0	416	207000	223	435000	1	0	19	0	104	109000
16	Jalea	0	0	- 5	0	93	46500	4	7000	0	0	7	0	149	162500
17	Kothapur	30	0	1	0	179	89500	853	1689000	0	0	29	0	499	570500
18	Latur	0	0	2	0	29	14500	623	1246000	0	O.	1	0	68	81500
19	Mira Shayander	32	0	14	0	402	199500	0	0	0	0	20	0	79	103500
20	Mumbai Police Sen.	0	0	24	0	5997	2986500	4	5000	32	0	60	0	27	43000
21	Mumboi Traffic	31	0	166	0	37740	18798500	6768	13547000	252	0	584	0	544	732500
22	Nagpur (C)	0	0	85	0	31802	15876500	1345	2760000	0	0	154	0	88	120500
23	Nagpur (R)	0	0	1	0	226	113000	524	1054000	3	0	6	0	1	500
24	Nanded	0	0.	3	0	42	19500	203	403000	1	0	9	-0	183	188000
25	Mandurbar	0	0	1	.0	4	2000	754	1532000	0	0	. 2	0	2	2000
26.	Nashik (C)	0	0	7	0	185	92500	1876	3780000	1	0	24	0	56	86500
27	Nashik (R)	0	0	3	0	89	42500	35	70000	3	0	3	.0	12	39000
28	Navi Mumbai	4	0	31	0	5829	2909000	4532	9092000	26	0	94	0	326	888000
29.	Osmanabad	1	0	0	0	66	33000	1	2000	0	0	19	0	22	23000
30	Palghar	0	0	0	0	205	102500	0	0	0	0	0	0	1	1000
31	Parbhani	.0	0	2	-0	4	2000	4	5000	0	0	4	0	241	247000
32	Pimpri Chinchwad	0	0	21	0	2178	1086500	897	1795000	9	Ω	70	0	586	691500
33	Pune (C)	1	0	23	-0	60429	30169500	1732	3874000	1	0	87	. 0	203	301500
34	Pune (R)	1	0	4	.0	634	316000	10	25000	3	0	21	0	201	247500
35	Raigad	46	0	1	0	176	88000	2	0	0	0	13	0		
36	Railway Mumbai	0	0	0.	0	120	60000	0	0	0	0	20	0		
37	Ratnagiri	0	0	0	: 0	469	234500	4	5000	0	0	2	0	15	16000
3B	Sangli	48	0	7	0	2	1000	536	1071000	0	0	5	0	377	436500
39	Satara	3	0	3	0	49	24500	343	698000	0	0	16	0	99	107500
40	Sindhudurg	0	0	- 3	0	28	14000	0	0	1	0	0	0	5	3500
11	Solapur (C)	0	0	.9	0	982	491000	476	896000	1	0	5	0	185	190500
12	Solapur (R)	.0	0	15	0	491	245500	736	1474000	1	0	6	0	89	119500
43	Thane (C)	289	0	20	0	4479	2236000	862	1827000	6	0	79	:0	240	310000
84	Thane (R)	.0	0	1	-0	53	26500	0			0	8	0	1	2000
45	Wardha	.0	0.	1	0	215	107000	459	911000	1	0	2	0	19	24500
46	Washim	0	0	2	0	2003	1001500	0	0	0	0	1	0	0	0
47	Yavatmal	.0	0.	0	0	75	37500	381	774000	0	0	5	0	40	43500
48	Highway Police	0	0	66	0	7670	3834000	81991	165155000	4181	0	40	0	158	300500
_		110000	77.5	7728/17	278	TO STATE OF		100000000000000000000000000000000000000	223093000	4534	10	1462	0	5.5757	WIESENSONE

## Cases And Fine Information -2021

Cases under Specific Violation of M.V.Act.causing major fatality

Sr. No.	District	100000000	of Seatbelt 4 B (1) MVA)	11/27/127	ping signal 239/177 MVA)	Oth	er Cases	To	tal
40.		Cases	Fine	Cases	Fine	Cases	Fine	Total Cases	Total Fine
1	Ahmednagar	1316	371800	45	22200	6896	4736050	8965	5562550
2	Akola	644	147400	12	7000	3987	2128000	5093	3128900
3	Amravati (C)	84	33600	284	145000	3747	2266750	4889	3876350
4	Amravati (R)	2112	490600	2	1000	5288	2755450	8639	5705550
5	Aurangabad (C)	1243	347200	2628	1342200	6586	4340400	12973	9489800
6	Aurangabod (R)	185	50800	0	0	1943	1531750	2241	1646550
7	Beed	768	220900	0	0	1312	775000	3028	2532900
8	Bhandara	244	61200	1	500	1858	1079700	2119	1168400
9.	Buldhana	936	227400	26	13000	4452	3516850	5465	3771750
10	Chandraput	295	73800	455	231500	2517	1721000	3730	2327300
11	Dhule	941	254500	- 2	1000	2484	1324050	3569	1616550
12	Gadchiroli	134	33100	0	0	701	446300	959	626900
13	Gondia	151	37100	S	2500	431	208650	589	249250
14	Hingoli	:177	45300	.0	0	1323	990300	1583	1105600
15	Jalgaon	434	107700	49	24500	7608	4150250	8858	5033450
16	Jaina	98	23800	-31	500	3401	2034950	3758	2275250
17	Kolhapur	259	69500	197	101500	9155	5223000	11200	7743000
18	Latur	265	60800	304	157000	5306	3344500	6598	4904300
19	Mira Bhayander	2183	466900	156	86000	10181	5792150	13067	6648050
20	Mumbai Police Stn.	154	35400	368	209900	8511	5512100	15177	8791900
21	Mumbal Traffic	6654	1733600	16758	8912000	151293	91987500	220760	13571110
22	Nagpur (C)	1816	474200	1508	754000	14134	H226000	50932	2821120
23	Nagpur (R)	1432	354600	0	0	2344	1100750	4537	2622850
24	Nanded	38	11200	43	21500	3962	3096900	4484	3740100
25	Nandurbar	450	98400	2	1000	1867	848950	3082	2484350
26	Nashik (C)	1084	307400	664	335500	5388	2756850	9285	7358750
27	Nashik (R)	575	140500	.0	0	1945	1035700	2665	1327700
28	Navi Mumbai	3239	940300	1156	590500	31017	18035550	46254	32455350
29	Osmanabad	252	66700	.0	0	4983	2975900	5344	3100600
30	Palghar	139	41000	1	500	881	458900	1227	603900
31	Parbhani	40	11900	1	0	3586	2352200	3882	2618100
32	Pimpri Chinchwad	1948	529300	2615	1345900	29165	18449300	37489	23897500
33	Pune (C)	2802	761500	5092	2576200	43262	23435050	113632	61117750
34	Pune (R)	1066	286400	2	1000	12563	8974550	14505	9850450
35	Raigad	1121	253100	0	0	6095	4035000	7454	4376100
36	Railway Mumbai	87	17200	0	0	2144	1166050	2371	1243250
37	Ratnagiri	366	86500	-0	0	3335	1939050	4191	2281050
38	Sangli	88	26000	58	29000	6220	4066200	7341	5629700
39	Satura	639	159900	254	127000	5006	2793150	6412	3910050
40	Sindhudurg	253	55000	0	0	2462	1261700	2752	1344200
41	Solapur (C)	426	133800	35	17500	5541	3381900	7660	5110700
42	Solapur (R)	1452	391300	6	3000	5715	3485900	8531	5719200
43	Thane (C)	2339	551600	1712	910000	20936	14191300	30962	20025900
44	Thane (R)	65	15700	0	0	336	240750	461	284950
45	Wardha	124	27800	0	0	1498	881300	2319	1951600
46	Washim	274		0	0	449		2729	1248350
-		_	58300		0		178550		-
47	Yavatmai Mahasa Ralisa	1450	336600	0		3995	2090850	5946	3282450
48	Highway Police Total	8701 51543	2354800 13403400	15 34457	7500 17977400	30175 488004	17696100 295019100	132997 862704	18934790 63905940

## **Cases And Fine Information -2021**

Period : 1st Jan 2021 to 11th Dec 2021					
Offense Description	Sections	Cases	Fine		
Drunk and Drive	Sec 185 MVA	1851	Non-Compoundable		
Dangerous Driving	Sec 184 MVA	211372	211180000		
Without Helmet	Sec 129/177 MVA	3758945	1876684000		
Speed Violating-Driver	Sec 112/183(1) MVA	1758403	1758283000		
Lane Cutting	MVDR 6(1)/177 MVA	780625	156118400		
Wrong side Driving	MVDR 4/122 177 MVA	191173	191135000		
Use of Mobile Phone while Driving	MMVR 250 (A)/177 MVA	335824	67153600		
Without Seatbelt	CMVR 138(3)/177 MVA	876011	175177600		
Jumping signal	MMVR 239/177 MVA	713819	142734200		
Other Cases	All remaining Sections	14480360	3217556350		
GRAND TOTAL		23108383	7796022150		

Period : 12th Dec 2021 to 31st Dec 2021					
(Revised fine amount levied as per notification from Government of Maharashtra)					
Offense Description	Sections	Cases	Fine		
Drunk and Drive	Sec 185 MVA	579	Non-Compoundable		
Dangerous Driving	Sec 184 MVA	589	Non-Compoundable		
Without Helmet	Sec 129/194(D) MVA	165648	82650500		
Speed Violating-Driver	Sec 112/183(1) MVA	110610	223093000		
Lane Cutting	MVDR 6(1)/177A MVA	4534	Non-Compoundable		
Wrong side Driving	MVDR 4/122 177A MVA	1462	Non-Compoundable		
Use of Mobile Phone while Driving	Sec 184 C MVA	5278	6916000		
Without Seatbelt	Sec 194 B (1) MVA	51543	13403400		
Jumping signal	MMVR 239/177 MVA	34457	17977400		
Other Cases	All remaining Sections	488004	295019100		
Total		862704	639065400		

#### **Notes**

#### **Notes**


#### **Notes**