

Total Road Accidents Dashboard Summary (2020)

Key Metrics Overview:

- Total Accidents: 1,70,591 (Up 4.30% YoY)
- Total Casualties: 2,30,905 (Up 3.94% YoY)
- Fatal Casualties: 4,398 (Up 13.38% YoY)
- Serious Casualties: 33,987 (Up 5.19% YoY)
- Slight Casualties: 1,92,520 (Up 3.53% YoY)

Fatalities saw the highest YoY increase, indicating worsening accident severity.

Accidents by Vehicle Type:

- Highest: Cars (1,820, Up 10.51%)
- Significant increase: Buses (100, Up 141.44%) and Trucks (204, Up 9.63%)
- Least: Tractors (7, no change)

Effect of Weather:

- Fine Weather: 1.95K accidents
- Rain: 0.29K
- Snow/Fog: 0.03K

Most accidents occurred in clear weather, indicating human error is a major factor.

Effect of Road Condition:

- Dry roads: 1.54K
- Wet roads: 0.75K

Road Type:

- Single carriageway: 3,318 (most accidents)
- Dual carriageway: 951
- Others: Minimal contribution

Severity by Location:

- Accident density is highest in southern UK and urban regions.

Conclusion & Recommendations:

1. Human error is a greater factor than weather or road conditions.
2. Fatalities are increasing faster than total accidents.
3. Safety measures should focus on cars, single carriageways, and dense urban areas.
4. Awareness campaigns and traffic monitoring needed in high-risk zones.