



Environment Reports – Road Surface Condition

The 'Road Surface Condition' report presents statistics for fatal, non-fatal, injury and tow-away crash events for large trucks and buses by condition of the roadway at the time and location of the crash. The road surface condition is the predominant condition of the roadway at the time and place of the crash.

Filter Options

Filter	Description
Data Source	<p>The Crash Statistics module provides users an ability to view crash data reports either from MCMIS or FARS.</p> <ol style="list-style-type: none"> 1) MCMIS includes crashes involving trucks and buses that are reported by states to the FMCSA through the SAFETYNET computer reporting system. It includes data elements collected on trucks and buses that meet the NGA recommended crash threshold. The FMCSA operates and maintains the MCMIS. 2) FARS is a census of crashes involving any motor vehicle on a trafficway, but only includes fatal crashes. FARS is maintained by the National Highway Traffic Safety Administration (NHTSA).
Domicile	<p>By default, the domicile filter is set to "All Domiciles". The following options are available:</p> <ol style="list-style-type: none"> 1) All domiciles includes all carriers domiciled in the United States, Mexico, Canada, and some foreign countries. 2) United States includes carriers domiciled in the United States. 3) Mexico includes carriers domiciled in Mexico. 4) Canada includes carriers domiciled in Canada.
Vehicle Type	<p>By default, the vehicle type filter is set to "Large Trucks & Buses". The following options are available:</p> <ol style="list-style-type: none"> 1) Large Trucks & Buses includes all trucks and buses. 2) Large Trucks includes all vehicles designed, used, or maintained primarily for carrying property, with a gross vehicle weight rating or gross combination weight rating of more than 10,000 pounds, or any vehicle displaying a hazardous materials placard. 3) Buses are vehicles designed to transport nine or more people, including the driver.
Report Focus	<p>By default, the report focus filter is set to "All States". The following options are available:</p> <ol style="list-style-type: none"> 1) All States includes all States and the U.S. territories. 2) National is a summary of all States data and the U.S. territories. 3) State includes one State's data.
Time Period	The Calendar or Fiscal year when the crash events occurred.



Crash Type	<p>By default, the filter is set to "All Crashes".</p> <ol style="list-style-type: none"> 1) All Crashes includes fatal and non-fatal crash involvements. 2) Fatal Crashes includes crash events where one or more persons dies within 30 days of the crash. The fatality does not have to occur at the scene of the crash. It includes any person involved in the crash, including pedestrians and bicyclists, as well as occupants of the passenger cars. 3) Injury Crashes includes crash events that resulted in at least one injury requiring immediate medical attention away from the crash scene. 4) Towaway Crashes includes crash events where at least one vehicle incurred disabling damage as a result of the crash and was towed from the crash scene.
Crash Metric	<p>By default, the filter is set to "Vehicles"</p> <ol style="list-style-type: none"> 1) Vehicles displays the counts by number of vehicles. 2) Crashes displays the counts by number of crashes. 3) Injuries displays the counts by number of injuries. 4) Fatalities displays the counts by number of fatalities.

Column/Row Descriptions

Column Name	Description
Dry	Free from water or liquid.
Ice	Frozen water.
Sand, Mud, Dirt, Oil, or Gravel	Sand: loose granular material resulting from the disintegration of rock. Mud: slimy sticky mixture of soil and water. Dirt: loose or packed soil. Oil: substance that is liquid and soluble in ether but not in water.
Slush, Snow	Snow or partly melted or watery snow.
Water (Standing, Moving)	Puddles or running water.
Wet	Covered with or soaked with liquid.
Other	Indicates a road surface condition other than the above-mentioned response codes.
Missing	All 'missing' represent a blank data field in the dataset.
Unknown	All 'unknown' represent that the road surface condition was unknown.