



Environment Reports – Weather Condition

The 'Weather Condition' report presents statistics for fatal, non-fatal, injury and tow-away crash events for large trucks and buses by the weather condition at the time of the crash. Weather condition is the atmospheric condition at the time and location the crash occurred.

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
Clear	No adverse conditions, including partial cloudiness if sunlight is not diminished.
Blowing Sand, Soil, Dirt, or Snow	Blowing sand, soil, dirt or snow applies to these elements that have fallen to the ground and are set aloft by wind.
Fog, Smog, Smoke	A fog vapor: condensed to fine particles of water suspended in the lower atmosphere that differs from a cloud only in being near the ground. Smog: A type of air pollution. Smoke: A collection of airborne and liquid gasses emitted when a material is lit on fire.
Rain	Water falling in drops condensed from vapor in the atmosphere.
Freezing Rain or Drizzle	Water falling in drops condensed from vapor in the atmosphere and then freezing on the roadway.
Severe Crosswinds	Severe Crosswinds refers to winds traveling at an angle with respect to the travel lanes at velocities significant enough to create a risk that vehicles could be diverted from their path or high profile vehicles could be blown over. These are winds that are strong enough to affect vehicle stability.
Sleet, Hail	Frozen or partially frozen rain or precipitation in the form of small balls or lumps usually consisting of concentric layers of clear ice and compact snow.
Snow	White crystals of frozen water formed directly from the water vapor of the air at a temperature of less than 32 degrees Fahrenheit.
Cloudy	A fraction of the sky is obscured by clouds when observed from the crash scene.



Crash Statistics

Other	Indicates a weather condition other than the above-mentioned response codes.
Missing	All missing weather conditions represent a blank data field in FARS or MCMIS.
Unknown	Unknown is used when police indicate unknown weather condition.