

# vehicle classifications

miovision  
traffic data

This classification guide describes how Miovision classifies vehicles from video and how this data is binned into groups. Classification settings can be set at the time of upload to [Trafficdataonline.com](https://Trafficdataonline.com).

## Crosswalk Data



Crosswalk data includes people, people with strollers or skateboards as well as pedal bikes crossing a lane of traffic.

## Description of Vehicles for Roadway Data



**Bicycles on Road:** This classification includes pedal bikes traveling on the road with traffic or in bike lanes on the road.



**Motorcycle:** This classification includes motorcycles, scooters and other similar vehicles that are traveling on the road with traffic.

*Relevant FHWA Class: 1. Motorcycles*



**Cars:** Includes cars and light trucks that are manufactured primarily for the purpose of carrying passengers. This includes pick-ups, vans, and SUVs.

*Relevant FHWA Classes: 2-3. Passenger Cars and Other Two-Axle, Four-Tire Passenger Vehicles*



**Light-Goods Vehicle:** Includes cars and light trucks that are in operation primarily for the purpose of delivering goods or services. This includes pick-ups, vans, and SUVs.

*Relevant FHWA Class: 3. Pickups, Panels, Vans*



**Single-Unit Truck:** This classification includes moving trucks, courier trucks, dump trucks, cement mixers, garbage trucks, transport trucks without trailers or with small rigid trailers, large flat bed trucks, or motor homes.

*Relevant FHWA Classes: 5-7. Single Unit Trucks with 2, 3, or 4+ Axles.*



**Articulated Truck:** This classification includes tractor trailers with full length trailers or multiple trailers.

*Relevant FHWA Classes: 8-13. Single Trailer and Multi-Trailer Trucks*















**Bus:** This classification includes buses of any size, including school buses, coach buses, transit buses, street cars and multi-unit buses.







*Relevant FHWA Classes: 8-13. Single Trailer and Multi-Trailer Trucks*







## Standard Classification Options


All Vehicles (no classification)					
					
Motorcycles	Cars	LGVs	Single-Unit	Buses	Articulated Trucks

Lights			Other Vehicles		
					
Motorcycles	Cars	LGVs	Single-Unit	Buses	Articulated Trucks







Motorcycles	Other Vehicles				
					
Motorcycles	Cars	LGVs	Single-Unit	Buses	Articulated Trucks







Lights			Mediums		Articulated Trucks
					
Motorcycles	Cars	LGVs	Single-Unit	Buses	Articulated Trucks

Lights			Buses	Trucks	
					
Motorcycles	Cars	LGVs	Buses	Single-Unit	Articulated Trucks

Motorcycles	Cars & Light Goods		Other Vehicles		
					
Motorcycles	Cars	LGVs	Single-Unit	Buses	Articulated Trucks

## Premium Classification Options

Lights			Buses	Single-Unit	Articulated Trucks
					
Motorcycles	Cars	LGVs	Buses	Single-Unit	Articulated Trucks

Full Classification					
					
Motorcycles	Cars	LGVs	Single-Unit	Buses	Articulated Trucks

Bikes on Road

Pedal Bikes

+ any of the above

## Custom Classifications

Contact your service provider or Miovision Account Executive for custom classification options. Some examples include Taxis, Horse & Buggy, Container and Trucks.