

Vehicle classifications

This guide describes how Miovision classifies traffic data from video and how this data is binned into groups

Classifications

Crosswalk	 Pedestrians
	 Bikes on crosswalk <ul style="list-style-type: none">Includes pedal bikes crossing a lane of traffic
	 Custom pedestrian classifications* (e-Scooters)
Roadways	 Bicycles on road <ul style="list-style-type: none">Includes pedal bikes traveling on the road with traffic, or in bike lanes on the road
	 Motorcycles <ul style="list-style-type: none">Includes motorcycles, mopeds, and other similar vehicles that are traveling on the roadRelevant FHWA Class: 1. Motorcycles
	 Cars <ul style="list-style-type: none">Includes cars and light trucks that are manufactured primarily for the purpose of carrying passengersThis includes minivans, and SUVsRelevant FHWA Classes: 2-3. Passenger Cars and Other Two-Axle, Four-Tire Passenger Vehicles
	 Light-goods vehicles <ul style="list-style-type: none">Includes cars and light trucks that are in operation primarily for the purpose of delivering goods or servicesThis includes pick-ups, and work vansRelevant FHWA Classes: 2-3. Passenger Cars and Other Two-Axle, Four-Tire Passenger Vehicles
	 Single-unit trucks <ul style="list-style-type: none">Includes moving trucks, dump trucks, cement mixers, garbage trucks, transport trucks without trailers or with small rigid trailers, large flatbed trucks or motor homesRelevant FHWA Classes: 5-7. Single Unit Trucks with 2, 3, or 4+ Axles
	 Articulated trucks <ul style="list-style-type: none">Includes tractor trailers with full length trailers or multiple trailersRelevant FHWA Classes: 8-13. Single Trailer and Multiple-Trailer Trucks
	 Buses <ul style="list-style-type: none">Includes passenger transport buses, including school buses and articulated busesRelevant FHWA Class: 4. Buses
	 Custom vehicle classifications* <ul style="list-style-type: none">Examples: Horse & Buggy, School Buses, Multi-Trailer Articulated Trucks, Planes, Trains, Taxis, and e-Scooters

*95% accuracy not guaranteed on custom classifications. Custom Classifications are only available through TrafficDataOnline, and must be enabled by a Miovision Customer Support representative.