

# Characteristics of road vehicles, 2019

## Year 2019

**Tiranë, December 30th 2020:** In publication "Characteristics of road vehicles", published for the first time by INSTAT, refer to the number of road vehicles circulating in the Republic of Albania registered with the status "active" or "temporarily deregistered" in the Albanian National Register of road vehicles. The data refer to year 2019.

The total number of road vehicles with the status of "Active" and "Temporarily deregistered" is 628,937 vehicles.

## Road vehicles by type

Road vehicles according to the type that occupy the largest percentage of the total number of road vehicles are "Passenger cars" (79.5%), "Mixed transport vehicles" (7.1%) and "Motor vehicles" (6.0%) (tab.1).

Tab. 1: Road vehicles by type 2019

Nr	Type	Number of vehicles
	<b>Total</b>	<b>628,937</b>
1.	Passenger cars	499,779
2.	Mixed transport vehicles	44,679
3.	Motor vehicles	37,954
4.	Truck	13,538
5.	Trailer	8,712
6.	Special transport vehicles	6,435
7.	Buses	7,500
8.	Others	4,639
9.	Special purpose vehicles	3,554
10.	Agricultural vehicles	1,293
11.	Technological vehicles	786
12.	Camping vehicles	64
13.	Special Road Vehicles	4

Source: General Directorate of Road Transport Services, Calculations INSTAT

### Passenger car by brand

The total number of passenger cars is 499,779. Among the main passenger car brands circulating in the country, dominate Mercedes Benz (30.7%), followed by Volkswagen (16.6%) and Ford (10.0%) which are presented in more detail in Figure 1.

Fig.1: Passenger cars by brand, 2019

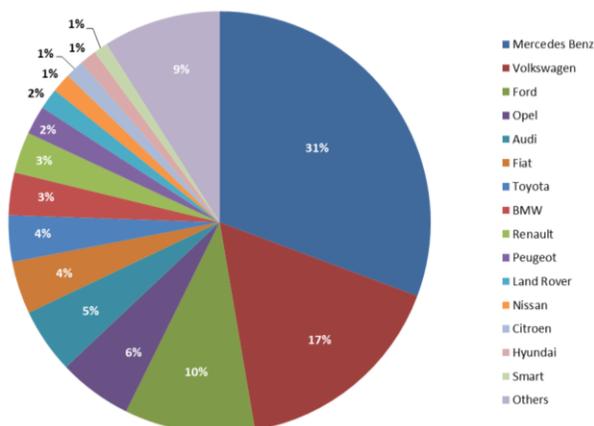
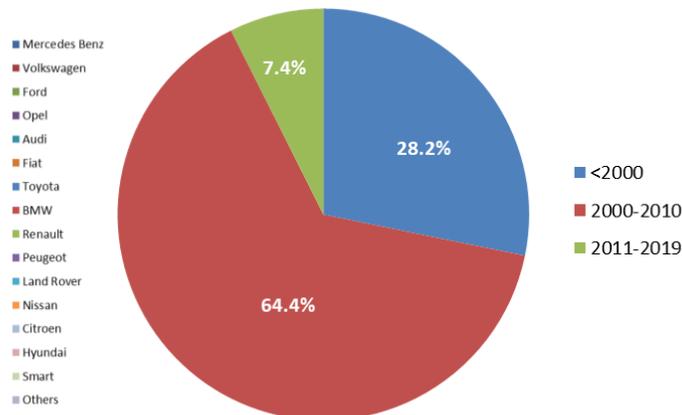


Fig. 2: Passenger cars by year of production, 2019



Source: General Directorate of Road Transport Services, Calculations INSTAT

### Passenger cars by year of production

Passenger cars produced during the period 2011-2019, occupy 7.4% of the total number of passenger cars registered in the country, passenger cars produced during the period 2000-2010 occupy 64.4% and passenger cars produced before 2000, occupy 28, 2%, figure 2.

According to brand detail, the most popular car brands, during the period 2011-2019, are "Mercedes Benz" (19.1%), "Volkswagen" (14.1%), Ford (7.7%) and Audi ( 7,1%).

Referring to the production period 2000-2010, the most popular brands are "Mercedes Benz" (37.0%), "Volkswagen" (16.5%), "Ford" (11.3%) and "Opel" (5, 9%).

For cars manufactured before 2000, the most popular brands are "Mercedes Benz" (42.1%), "Volkswagen" (17.5%), "Ford" (7.6%) and "Opel" (5, 8%).

It is noted that there are three brands that are in use in our country, according to the production period until 2019: "Mercedes Benz", "Volkswagen" and "Ford".

### Passenger cars by fuel

The largest number of vehicles circulating in our country use the fuel "Diesel" (73.3%), followed by vehicles that use the fuel "Petrol" (19.4%) and vehicles that use combined fuel " Petrol " and "Liquefied Petroleum Gas "(7.1%).

Only 0.2 % of the passenger cars use fuels such as "Diesel", "Petrol" or "Liquefied Petroleum Gas" combined with "Electric power". Figure 3 shows the passenger cars by fuel.

Fig. 3: Passenger cars by fuel, 2019

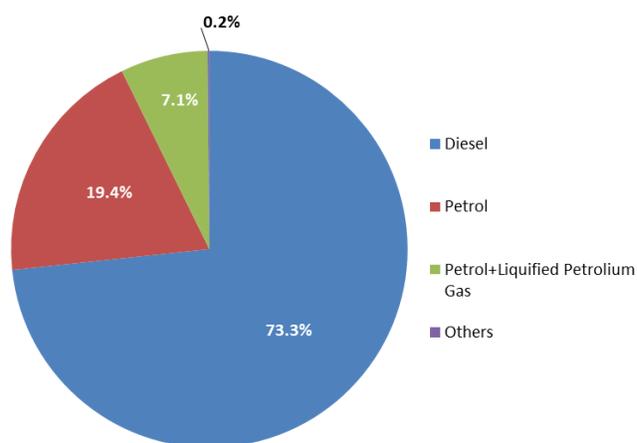
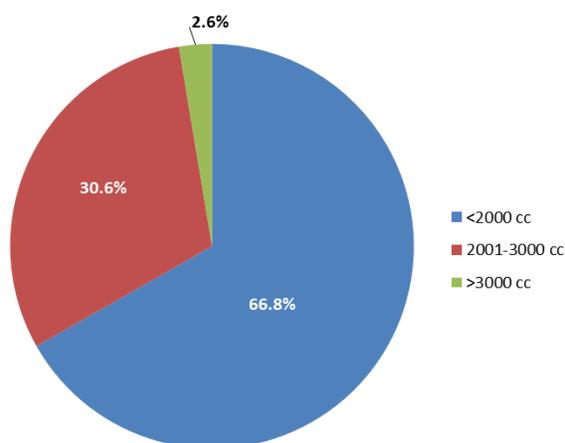


Fig. 4: Passenger cars by engine size, 2019



Source: General Directorate of Road Transport Services, Calculations INSTAT

Analyzed by production period, for passenger cars produced during the period 2011-2019, 73.2% of cars use the fuel "Diesel", 21.0% use the fuel "Petrol" and 4.3% use the fuel "Petrol and Liquefied Petroleum Gas ". During this period, 1.3% of vehicles can use the fuel "Diesel", "Petrol" or " Petrol and Liquefied Petroleum Gas " combined with "Energy power".

For passenger cars produced during the period 2000-2010, it is noted that 76.1 % use the fuel "Diesel", 15.8 % use "Petrol" and 8.0 % use "Petrol and Liquefied Petroleum Gas".

For passenger cars produced before 2000, 67.0 % use the fuel "Diesel", 27.3 % use "Petrol" and 5.7 % use "Petrol and Liquefied Petroleum Gas".

### Passenger cars by engine size

According to engine size, the highest number of cars has a engine size of up to 2000 centimeters per cubic by occupying 66.8%, followed by passenger cars with a volume of 2001-3000 centimeters per cubic by 30.6% and cars that have volume motor greater than 3000 centimeters per cube by 2.6%, figure 4.

For more information, please visit the website: <http://www.instat.gov.al/>

# Methodology

The purpose of this publication is to present indicators on the characteristics of road transport vehicles at the most detailed level such as: road vehicles by type, cars by brand, cars by year of production, cars by fuel and cars by engine size.

In detailing road vehicles by type of vehicle, the category "other" includes the types of cranes, MNT, MPV, MRV, MTP, MTV and appealing vehicle.

In the detailing of vehicles by fuel, in the group "other" are included the categories "Petrol and Energy power ", "Energy power ", "Liquified petroleum Gas", "Diesel and Energy power ", "Petrol, Liquified petroleum Gas and Energy power " and "Diesel and Liquified petroleum Gas "

In the category "Motor vehicles" are included: motorcycle, motorcycle with basket, motorcycle, carriage and moped.

## Definitions

**Mixed transport vehicles (ATP)** - includes vehicles that have a total full load weight not exceeding 3.5 tonnes, or 4.5 tonnes when there is battery traction; are intended for the transport of people and goods with a maximum capacity of nine seats, including the driver's seat.

**Special purpose vehicles (APV)** - vehicles permanently equipped with special mechanisms and generally intended for the transport of these mechanisms; on these vehicles is allowed the transport of personnel and materials related to the operational cycle of these mechanisms, as well as the transport of people and goods related to the destination of use of these mechanisms.

**Special transport vehicles (ATV)** - means of transport intended for the transport of certain goods or people under special conditions and is characterized by the equipment jointly, with special mechanisms that serve this purpose.

**Special road vehicles (MRV)** - special road vehicle for their special characteristics defined as such in the Road Code.

**CC-** the unit of measurement of the motor volume of road vehicles expressed in centimeters in cubic.