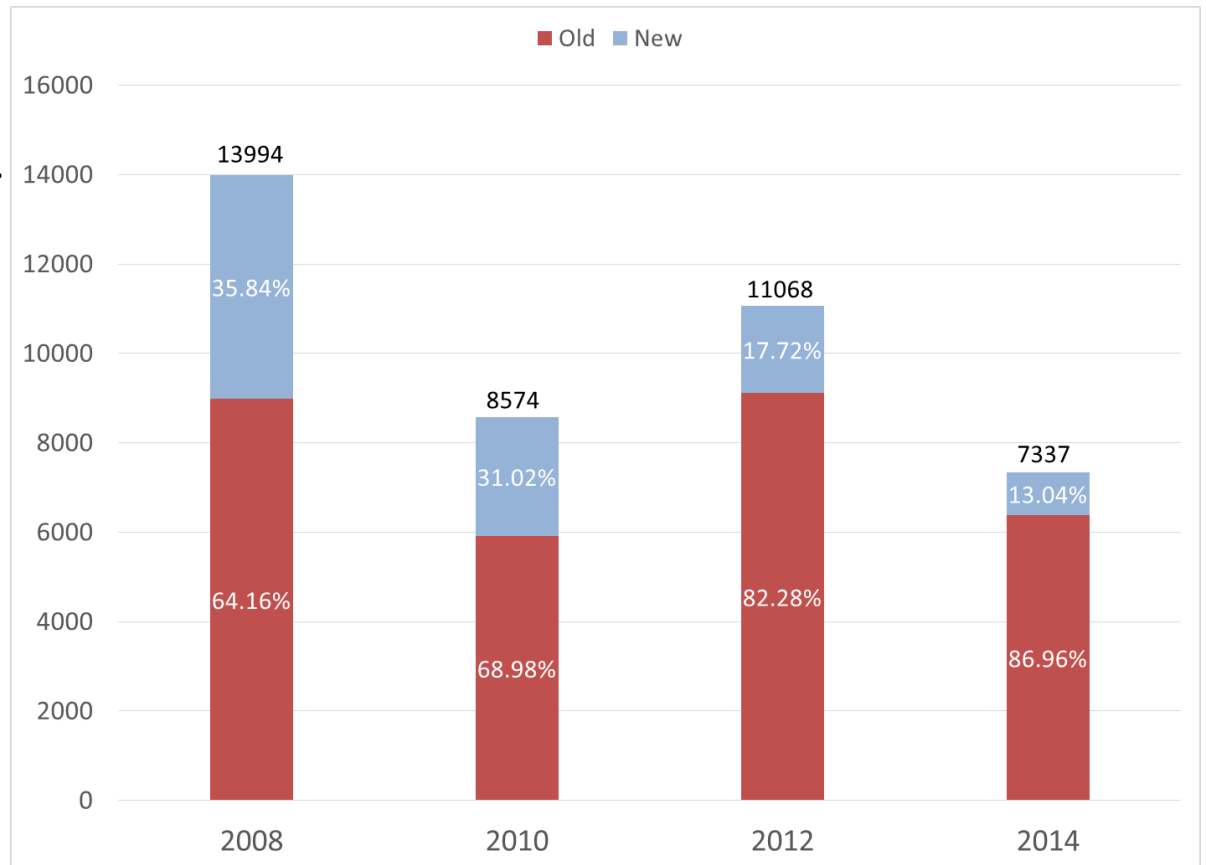# Overview of vehicle database

Partial data elaboration, analysis and identified problems

Contents

- Overview of vehicle number per year: 2008, 2010, 2012 i 2014
- Structure of vehicle brands per year
- Structure of vehicle age per year
- Structure of engine volume per year
- Structure of fuel used per year
- Problems with database consistence
- Estimating average consumption and emissions

Overview of database…

- Number of vehicles (the first registration in 2008, 2010, 2012 and 2014)
    - It is evident a decreasing trend of vehicle number in period 2008-2014
        - 47.6 % decrease of vehicle number in 2014 with respect to 2008
    - The share of new cars is decreasing
        - From 35.84 % share in 2008 to 13.04 % share in 2014
        - The trend will lead to increase of old vehicles share in the total vehicle stock of Montenegro
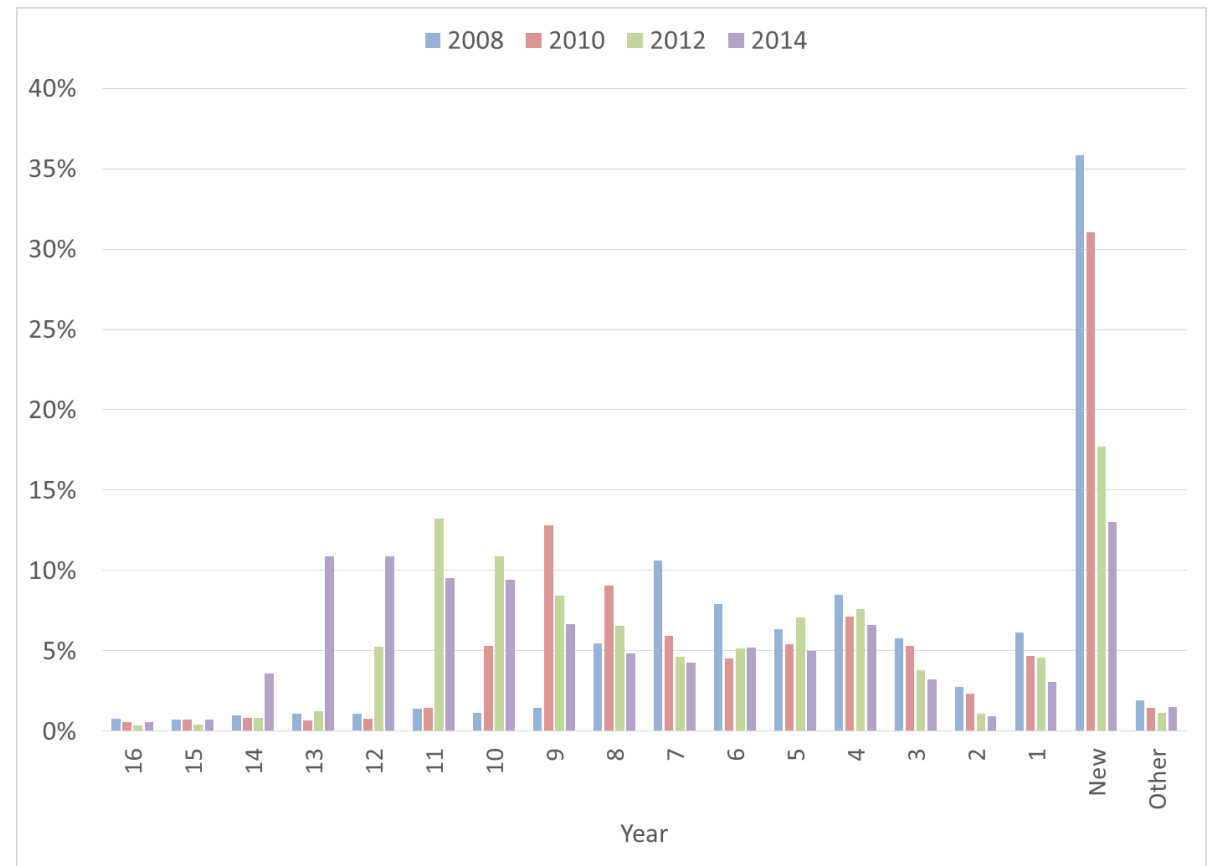
…Overview of database…

- Market share per vehicle brand
  - It is evident that 5 vehicle brands are dominant in whole period: Volkswagen, Renault, Peugeot, Mercedes and Opel with 50 % share.
  - Renault and Volkswagen are characterized by the increasing trend
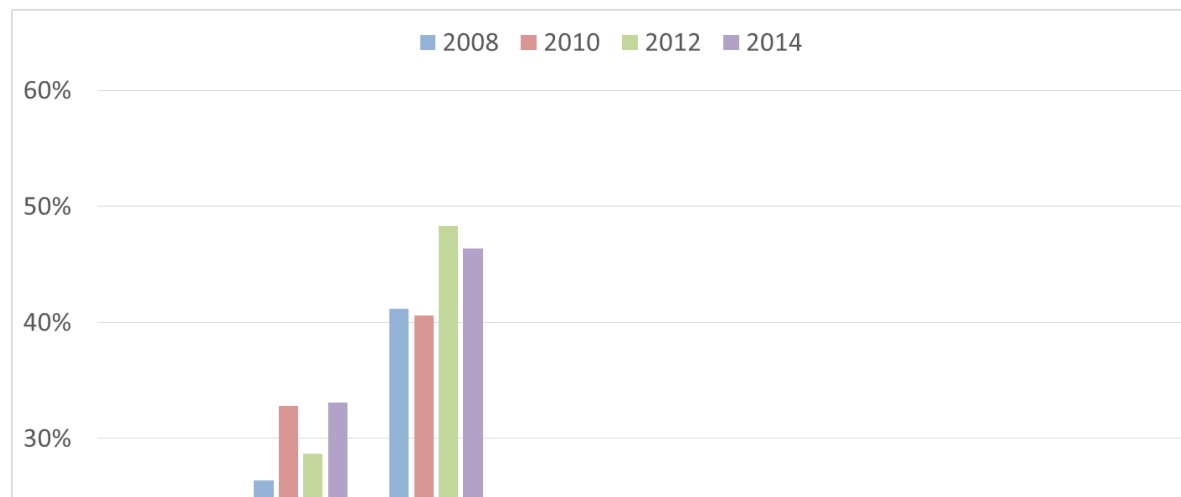 - Most of other brands rest at the same level during the observed period
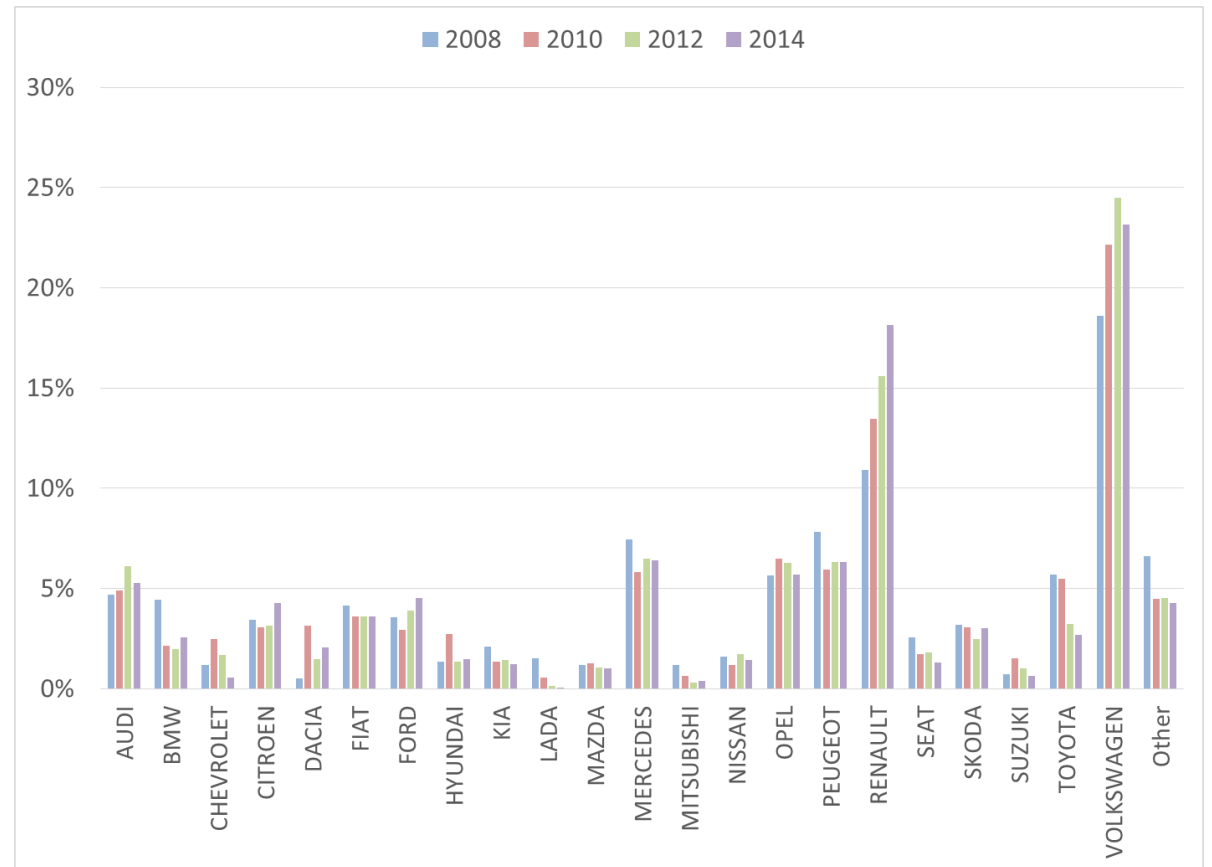
…Overview of database…

- Age of vehicles
  - The most evident trend is the decrease of new cars share per year (3 times decreased in period 2008-2014)
  - Car stock is becoming older from 2008 to 2014 (high increase of the share of older cars in 2012 and 2014 – care older than 10 years)

...Overview of database...

- Engine volume
  - The greatest share corresponds to 2 volume classes:
    - 1301-1600 cm^3
    - 1601-2000 cm^3
  - These engine volume classes are characterized with increasing trend with respect to all other