

Number of vehicles

17,372

Annual change

7.06% ↑

Electric vehicles (EVs) 14.88%

BEV

1,901 10.94%

1079 5.88%

PHEV

684 3.94%

341 1.82%

Internal combustion engine (ICE) 85.12%

DIESEL

3,691 21.25%

74 -1.04%

PETROL

7,180 41.33%

-815 -7.94%

PETROL HYBRID

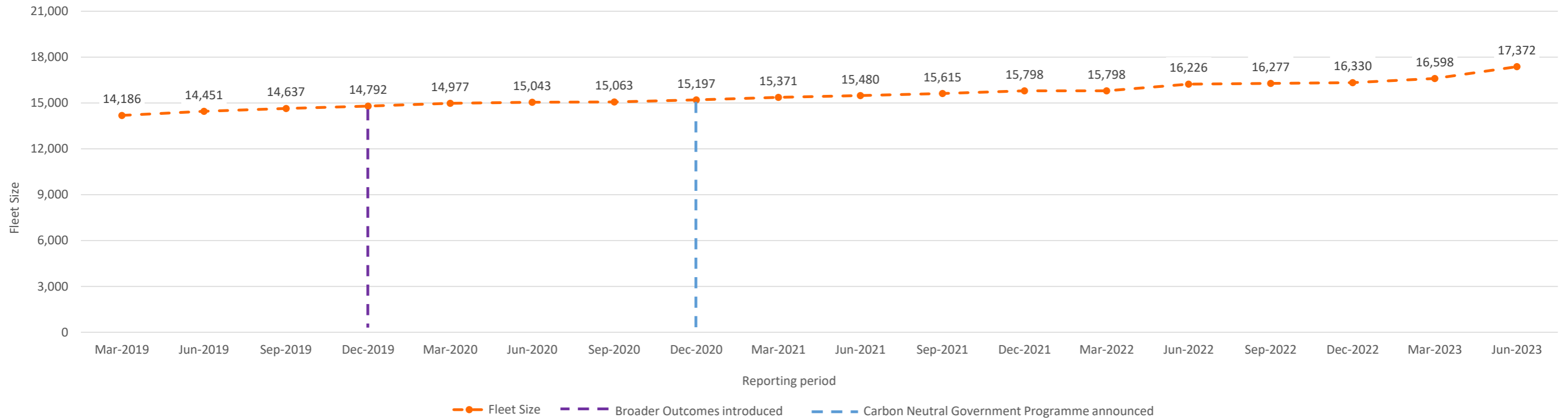
3,916 22.54%

467 1.29%

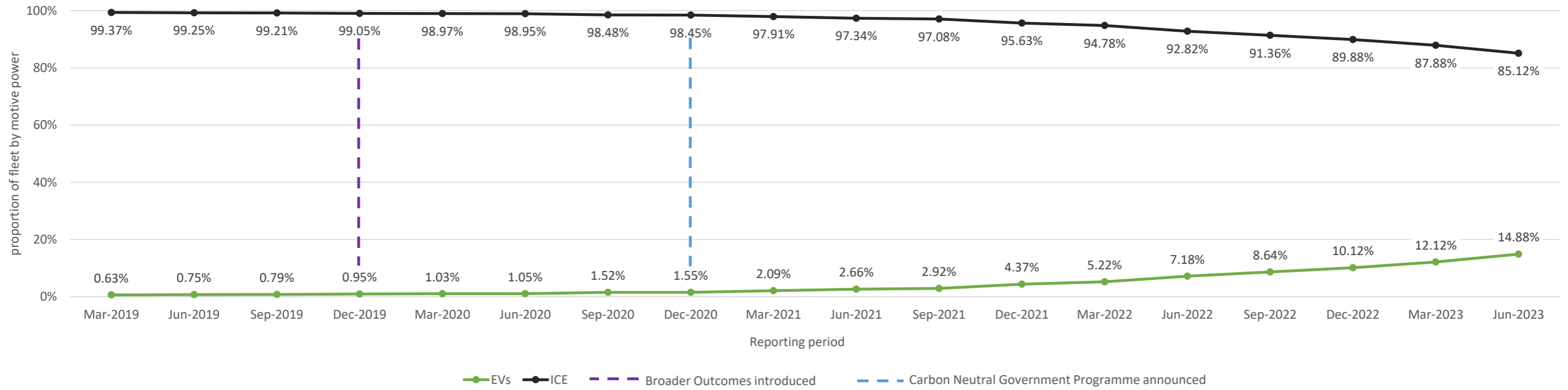
No. vehicles / % of fleet

Annual change

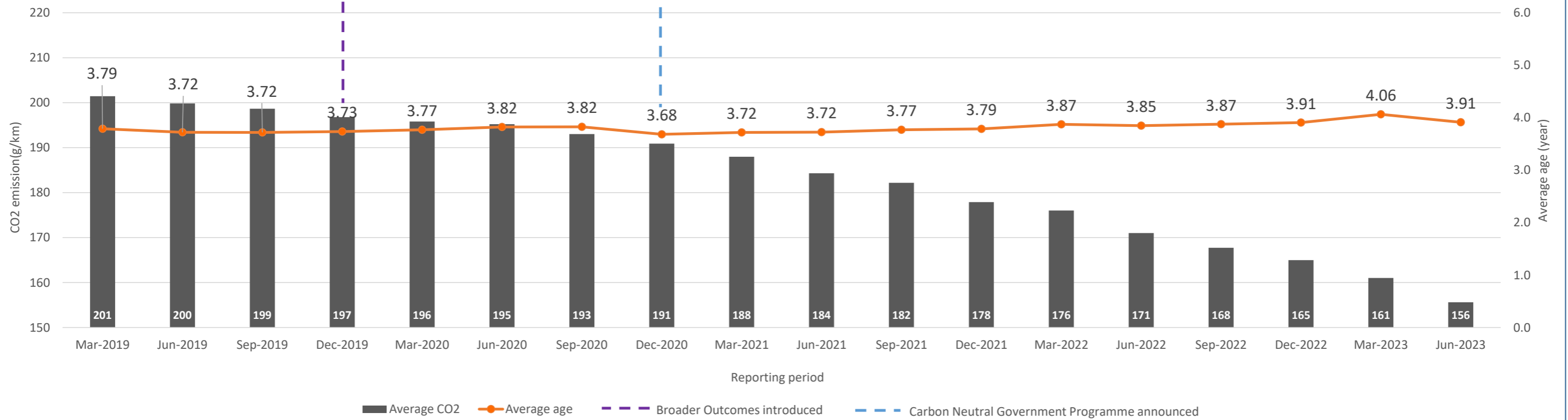
Fleet size



## Proportion of fleet size of ICE and EVs



## Average CO2 Emission (g/km) and average age of vehicles (year)



## Methodology

### Definition of the light fleet

The agency fleet size reported:

is an estimate of the fleet, based on the New Zealand Transport Agency Motor Vehicle Registry.

includes only light vehicles (those less than 3,500kg).

excludes motorcycles (including mopeds) and trailers.

excludes leased light vehicles

Agency fleet size and emissions data is updated quarterly.

### Emissions calculations

Carbon dioxide (CO<sub>2</sub>) emissions figures and fuel economy figures are obtained from Rightcar ([rightcar.govt.nz](http://rightcar.govt.nz)) (more information on Rightcar's methodology for calculating emissions can be found at [CO<sub>2</sub> emissions ratings](#) and [Fuel economy ratings](#)).

Emissions are represented in grams of CO<sub>2</sub> released per kilometre (g/km).

The "average CO<sub>2</sub> (g/km)" :

is an average of the emissions ratings across all light vehicles in the fleet; and

does not take into account the distance travelled by fleet vehicles, as data on this is not yet available.

The "average age (year)":

is an average age of the across all light vehicles in the fleet;

The dashboard does not capture any other activities that agencies may be pursuing to lower their emissions (for example making use of car sharing schemes).

### Definitions of vehicle motive type

BEV Battery electric vehicle, means a vehicle with motive power wholly derived from an external source of electricity.

PHEV Plug-in Hybrid Electric Vehicle, means a vehicle with motive power partly derived from an external source of electricity.

Petrol hybrid means a vehicle propelled by an electric motor where the battery is charged from an onboard petrol or diesel generator BUT no external source of electricity to charge the battery.

EVs BEVs and PHEVs are classified as Electric Vehicles

ICE Petrol, Diesel and Petrol-Hybrids are classified as Internal Combustion Engine vehicles

The definitions are referred from NZTA website  
<https://www.nzta.govt.nz/vehicles/how-the-motor-vehicle-register-affects-you/engine-definition-changes-from-1-july-2017/>  
<https://www.nzta.govt.nz/vehicles/vehicle-types/electric-vehicles/>

[The dashboard is based on estimate data only and should not be relied upon, for more information please see our disclaimer.](#)