NEW ZEALAND GOVERNMENT PROCUREMENT

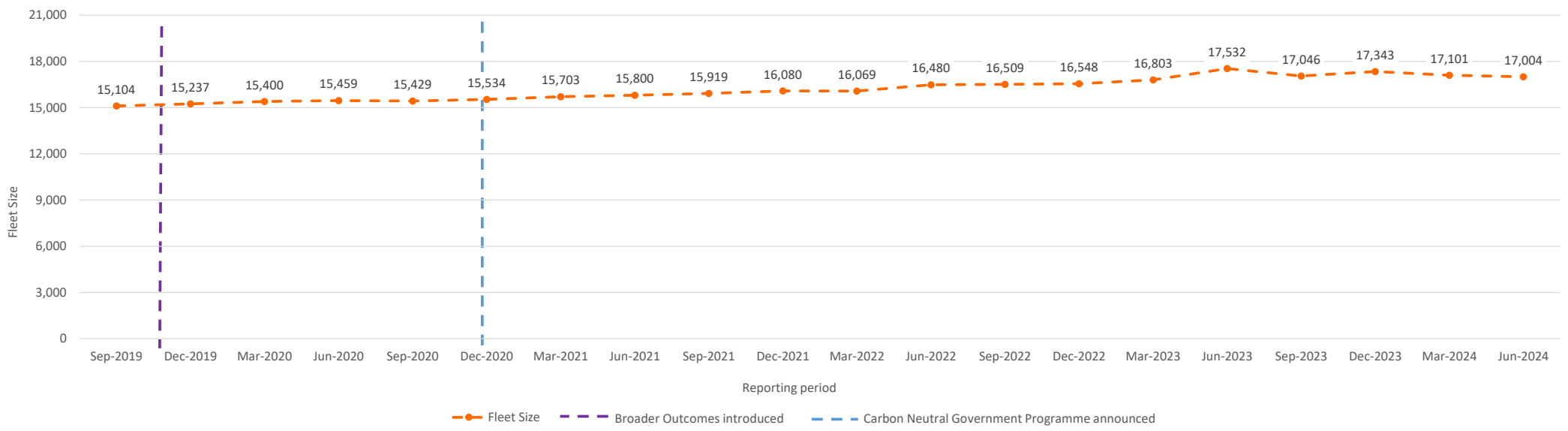
Government fleet emissions dashboard FY2023-24 Q4

Carbon Neutral Government Programme

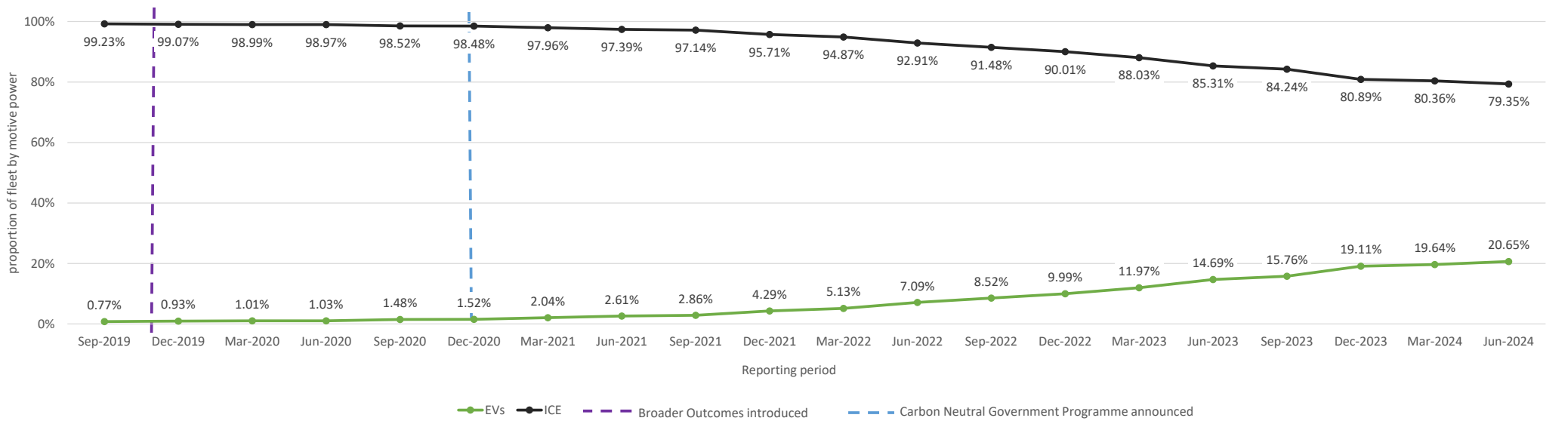
Number of vehicles	Annual change
17,004	-3.01%

	Electric vehicles (EVs) 20.65%				Internal combustion engine (ICE) 79.35%					
	BEV		PHEV		DIESEL		PETROL		PETROL HYBRID	
No. vehicles / % of fleet	2,675	15.73%	836	4.92%	3,617	21.27%	5,923	34.83%	3,953	23.25%
Annual change	780	4.92%	155	1.03%	-204	-0.52%	-1294	-6.33%	35	0.90%

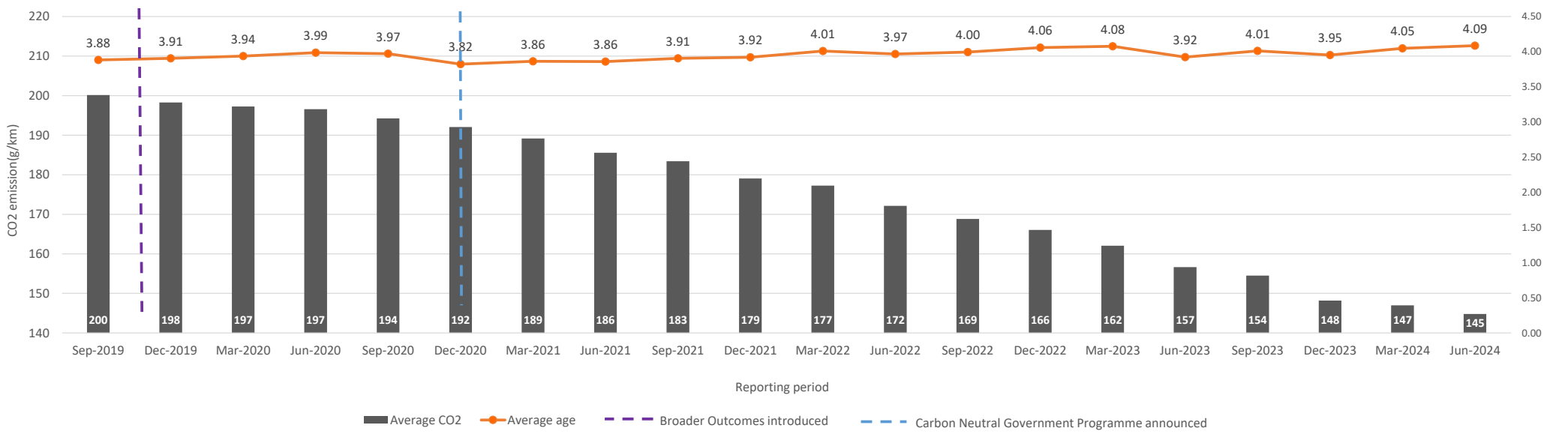
Fleet size



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.
- includes leased vehicles that are registered to agencies.

Agency fleet size and emissions data is updated quarterly. NZTA review registration data from time-to-time. In October 2023 NZTA identified historical variations in the way some agencies had been identified and matched to vehicle registration information. This meant that some vehicles registered to some agencies were not counted in past data updates but have now been included. Numbers for earlier quarters will reflect this update and look different to previous versions of the dashboard.

Emissions calculations

Carbon dioxide (CO_2) emissions figures and fuel economy figures are obtained from Rightcar (rightcar.govt.nz) (more information on Rightcar's methodology for calculating emissions can be found at CO_2 emissions ratings and Fuel economy ratings).

Emissions are represented in grams of CO_2 released per kilometre (g/km).

The “average CO_2 (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.