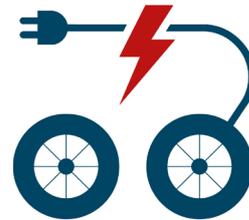


Incidents with alternative fuel vehicles

Annual report 2023

This factsheet provides a picture of the number and type of incidents involving alternative fuel vehicles (AFV). Other characteristics are also considered, such as the type of propulsion, the type of AFV, the resources used and the number of victims.

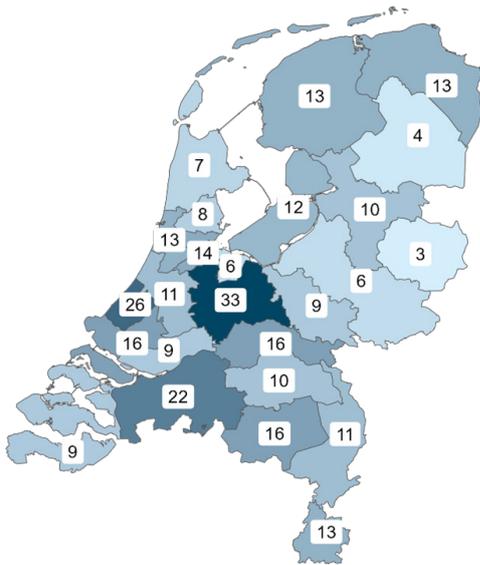
The figures are related to incidents in the Netherlands where the fire brigade was deployed.



Number of AFV incidents per safety region



Incidents in the Netherlands



NIPV | 2023

Number of incidents

316

164 accidents
152 fire

NIPV | 2023

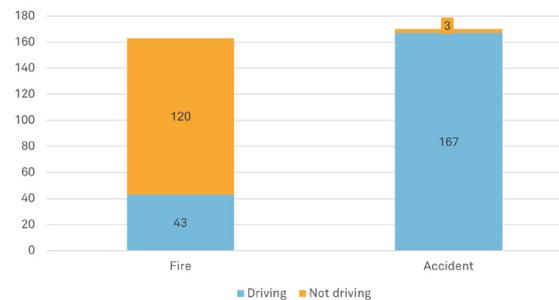
Number of vehicles

333

170 accidents
163 fire

NIPV | 2023

Type of incident



NIPV | 2023

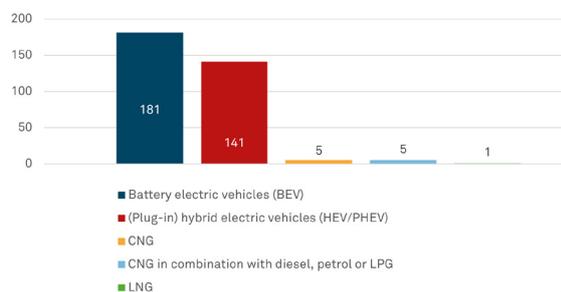


AFV propulsion



Type of vehicle

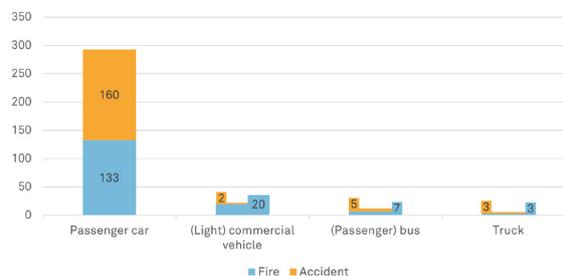
Number of vehicles involved in incidents, by type of propulsion



NIPV | 2023

Number of vehicles involved in incidents, by type of vehicle

by type of vehicle

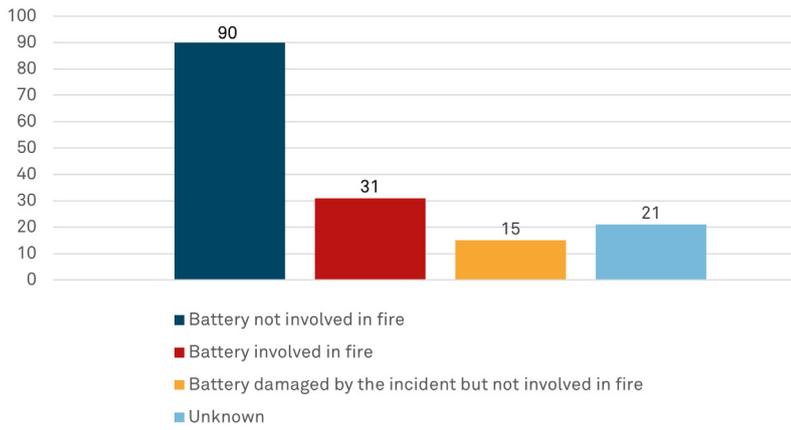


NIPV | 2023



Fire*

AFV with battery involved in fire

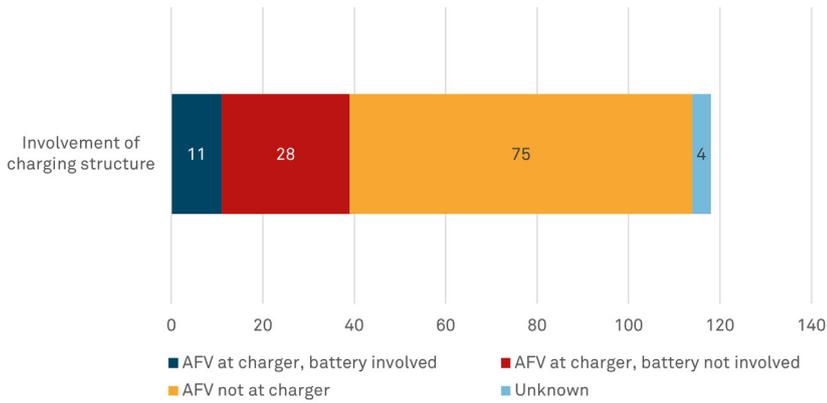


NIPV | 2023



Charging*

AFV at charger



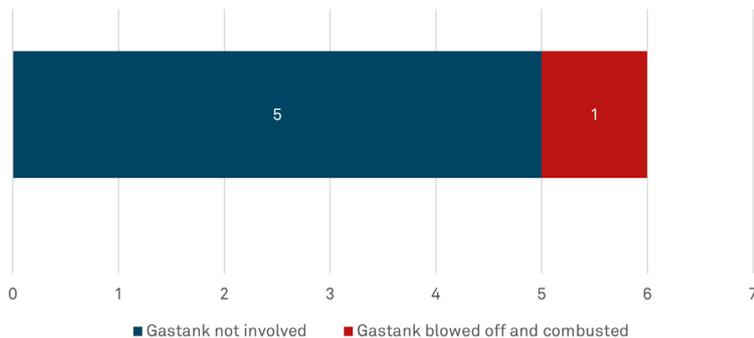
NIPV | 2023

* For the 119 vehicles that could have been on the charger counts that they had to be parked, were involved in the fire and were a BEV, (P)HEV or FCEV.

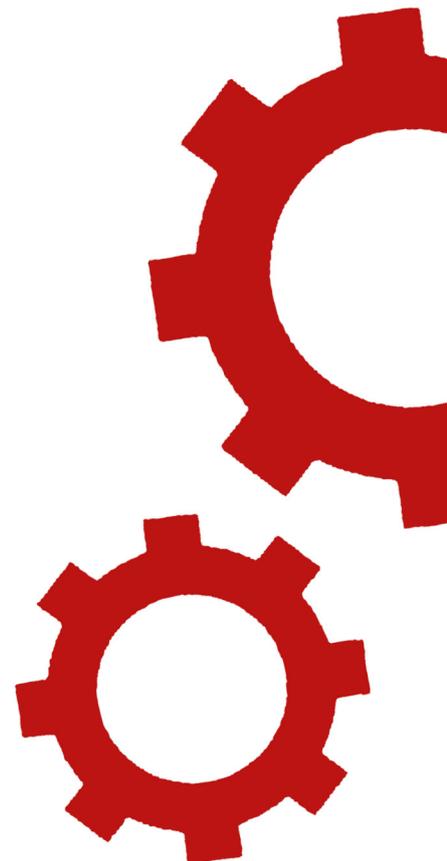
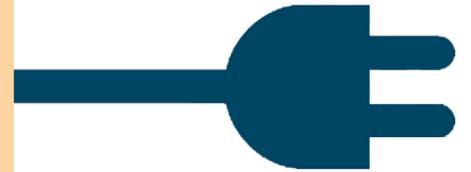


Gastank

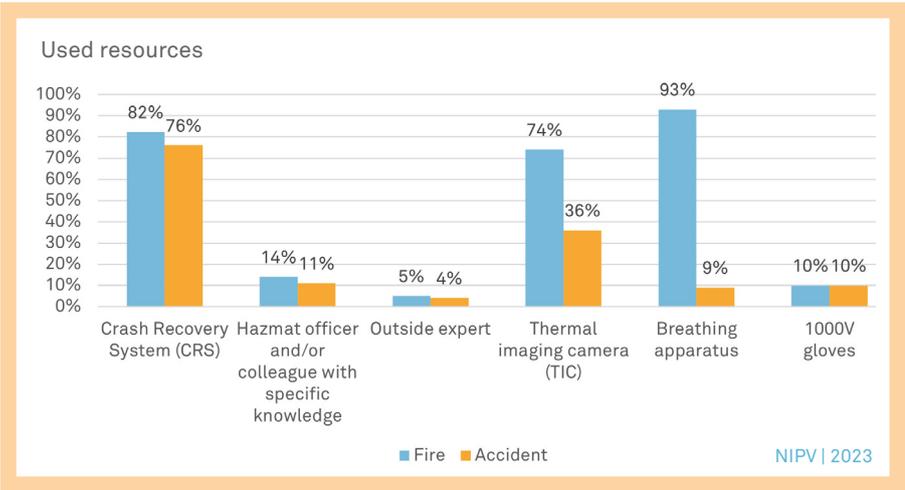
AFV with gastank



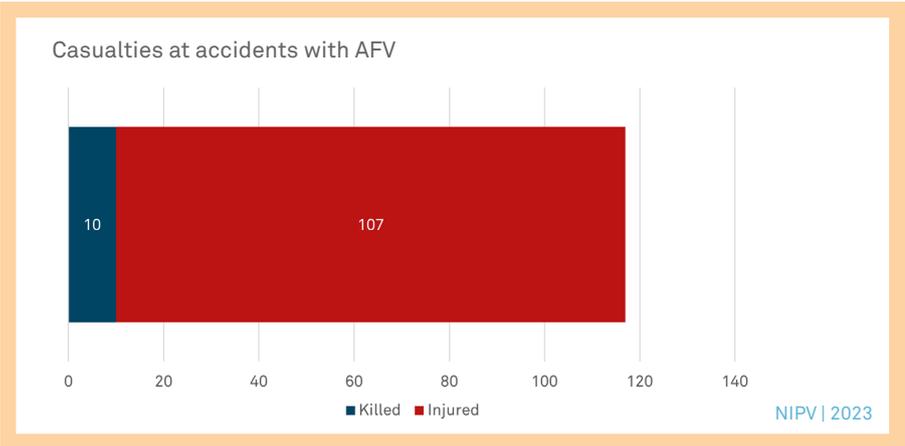
NIPV | 2023



Resources

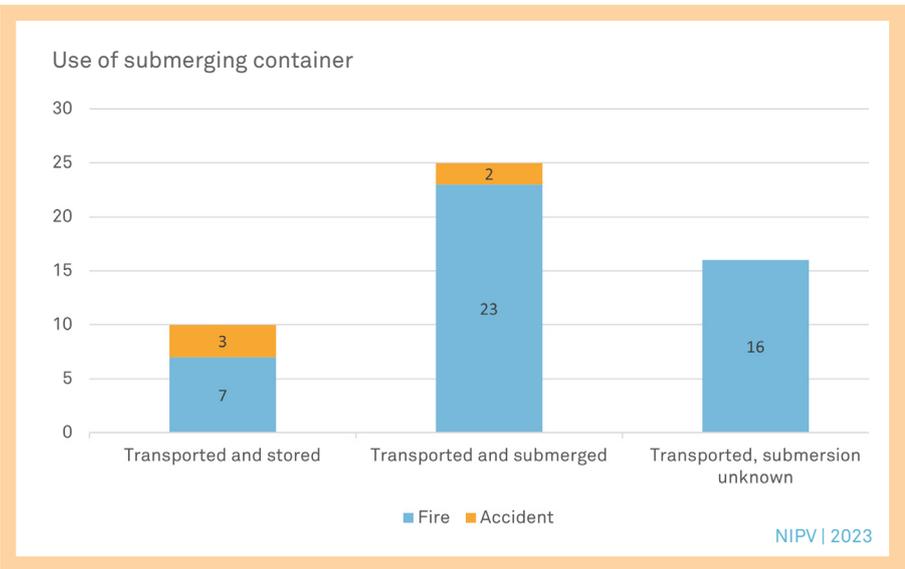


Casualties*



* Only accidents (85 of 164) resulted in casualties. There were no victims in a fire. None of the incidents resulted in injury to fire brigade personnel.

Submerging container



More information

For the dashboard Incidents with alternative fuel vehicles see: kerncijfers.nipv.nl

In case of any questions, please send an email to aav@nipv.nl

Netherlands Institute for Public Safety, April 2024