



Global Electric Vehicle Tracker (GEVT) Dashboard

Overview

This document outlines the methodology for the Global Electric Vehicle Tracker (GEVT) dashboard, designed to provide users with interactive access to New AutoMotive's GEVT. The dashboard features four distinct exploratory channels, each offering a unique perspective:

- **Monthly New Registrations:** Users can view monthly new registrations for each available country. The dashboard allows the display of both market shares and absolute registration numbers over a specific time scale. By setting a rolling window, users can perform a rolling average over the chosen interval.
- **Manufacturer Comparisons:** This channel enables users to compare market shares of specific makes and fuel types across multiple countries within a single plot. If a selected make/fuel type combination is unavailable for a particular country, a pop-up message will notify the user.
- **S-Curve Like Adoption:** This section evaluates the S-Curve hypothesis for the adoption of Battery Electric Vehicles (BEVs). It presents both historical data and projections for selected countries. Users can adjust the projection time scales by tweaking the rolling window parameter and backtest the fit on past months using the backtesting calendar.

- **Top BEV Manufacturers:** This channel displays sales data for the top 5 BEV manufacturers over time. All manufacturers that have ranked among the top 5 sellers in any given month are included.

All data is available for free download and is provided on an 'as is' basis, compiled using the best available data at the time. We strive for accuracy and cross-verify multiple sources where possible. However, we do not assume responsibility for any errors.

For issues, suggestions, comments, or questions, please contact us at data@newautomotive.org.

Fuel Type Terminology

A vehicle's fuel type refers to its primary form of propulsion. Most vehicles are propelled by a diesel-fuelled engine, petrol-fuelled engine, or an electrically powered motor. However some vehicles have multiple forms of propulsion, such as hybrid electric vehicles. Except in some rare cases, our view is that hybrids are just more efficient petrol or diesel vehicles, since the electric power is not the primary energy source for propulsion.

Therefore we refer to the following fuel types:

BEV: This is a battery-electric vehicle propelled exclusively by an electric motor, with no tailpipe emissions. The BEV category includes Range Extended Electric Vehicles (REEVs).

PHEV: This a petrol or diesel-fuelled vehicle with an electric motor and battery that can be charged via a plug. Where separate data is unavailable, PHEV numbers are grouped with FHEVs under HEV.

FHEV: This is a petrol or diesel-fuelled vehicle with an electric motor and battery that cannot be charged via a plug. Where separate data is unavailable, FHEV numbers are grouped with PHEVs under HEV.

HEV: This is a petrol or diesel-fuelled vehicle with an electric motor and battery, incorporating PHEVs and FHEVs. Where separate data is unavailable, HEV numbers are shown as petrol or diesel.

Petrol or Diesel: These are solely petrol or diesel powered vehicles. Where separate data is unavailable, they are shown as Internal Combustion Engine (ICE).

Other: These describe a variety of other fuel types, including LPG, hydrogen, or another gas or blend of gases, as well as vehicles powered by a combination of one or more of these fuel types with one or more petrol, diesel, or electric motors.

Some data sources provide a less specific breakdown of fuel types compared to others. We use the above definitions to ensure consistency and clarity across all countries.

<i>BEV</i>	<i>PHEV</i>	<i>FHEV</i>	<i>PETROL</i>	<i>DIESEL</i>
<i>BEV</i>	<i>HEV</i>		<i>ICE</i>	

Timing and Country-Specific Data Sources

The table below shows the sources of data for each country. Although the vast majority of figures are updated monthly, publication dates are not the same for each country. The dashboard is updated progressively as new data becomes available, with a full update typically occurring around the third week of each month.

Country	Source of Data	Update Frequency	Makes Breakdown	Fuel Types
United Kingdom	Driver & Vehicle Licensing Agency	Monthly	Yes	BEV, Petrol, Diesel, HEV, Other
Italy	Il portale dell'Automobilista	Monthly	Yes	BEV, Petrol, Diesel, HEV, Other
France	Ministry of Ecological Transport	Monthly	No	BEV, Petrol, Diesel, PHEV, FHEV, Other
China	China Automotive Dealers Association & China Passenger Car Association	Monthly	Yes	BEV, PHEV, ICE
India	Ministry of Road Transport & Highways	Monthly	Yes	BEV, Petrol, Diesel, HEV, Other
Germany	Kraftfahrt-Bundesamt	Monthly	Yes	BEV, Petrol, Diesel, PHEV, FHEV
Netherlands	RDW	Monthly	Yes	BEV, Petrol, Diesel, HEV, Other
Japan	Japan Automobile Dealers Association	Monthly	Yes	BEV, Petrol, Diesel, PHEV, FHEV, Other

Czechia	Svaz Dovozců Automobilů	Monthly	Yes	BEV, Petrol, Diesel, HEV, Other
Spain	Ministerio del Interior	Monthly	Yes	BEV, Petrol, Diesel, PHEV, FHEV, Other
Mexico	Registro administrativo de la industria automotriz de vehículos ligeros	Monthly	Yes	BEV, ICE, PHEV, FHEV
Brazil	Associação Nacional dos Fabricantes de Veículos Automotores	Monthly	Yes	BEV, Petrol, Diesel, HEV
Portugal	Autoinforma	Monthly	Yes	BEV, Petrol, Diesel, PHEV, FHEV, Other
Thailand	Government Department of Transport	Monthly	No	BEV, Petrol, Diesel, PHEV, FHEV, Other
Canada	Statistics Canada	Quarterly	No	BEV, Petrol, Diesel, PHEV, FHEV, Other
United States	Argonne National Laboratory	Monthly	No	BEV, ICE, PHEV, FHEV
Switzerland	Auto-Schweiz	Monthly	No	BEV, Petrol, Diesel, PHEV, FHEV, Other

Sweden	Mobility of Sweden	Monthly	Yes	BEV, Petrol, Diesel, PHEV, FHEV, Other
Denmark	Statistics Denmark	Monthly	No	BEV, Petrol, Diesel, PHEV, Other
Finland	Traficom	Monthly	Yes	BEV, Petrol, Diesel, PHEV, Other
Chile	Asociación Nacional Automotriz de Chile	Monthly	No	BEV, ICE, PHEV, FHEV, HEV
Australia	Australian Automobile Association	Quarterly	No	BEV, ICE, PHEV, FHEV, Other
Singapore	Land Transport Authority	Monthly	Yes	BEV, Petrol, Diesel, FHEV, PHEV
Turkey	Istatistik Veri Portal	Monthly	No	BEV, Petrol, Diesel, HEV, HEV/BEV, Other
New Zealand	Waka Kotahi NZ Transport Agency	Monthly	Yes	BEV, Petrol, Diesel, FHEV, PHEV, Other
Taiwan	Highway Bureau	Monthly	No	BEV, Petrol, Diesel, HEV, Other
Hong Kong	Transport Department of the Government of Hong Kong	Monthly	Yes	BEV, Diesel, Petrol, Other

EU States Not Listed Above	ACEA	Monthly	No	BEV, Petrol, Diesel, PHEV, FHEV, Other
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