

Average petrol/diesel use per unit i.e.car (overall new)

Dimension - Environment

Associated Key Factor:

Energy use and prices

Data Source:

European Project on Energy Efficiency Indicators

<http://www.odyssee-indicators.org>

www.odyssee-indicators.org/Overview/overview.html

General Availability:

Reporting unit: l/100 km

Reporting level: national

Reporting period: annually

Data available from 1990 to 2000

Availability by country:

1990 - 2000: Austria

1990 - 2000: Denmark

1990 - 2000: Spain

1990 - 2000: EU-15

1990 - 2000: Finland

1990 - 2000: France

1990 - 1999: Greece

1990 - 2000: Italy

1990 - 2000: Member States (EU-15)

1990 - 2000: Netherlands

1990 - 2000: United Kingdom

1995 - 2000: Germany

1995 - 2000: Ireland

The indicator:

This indicator measures the average fuel use of petrol and diesel vehicles.

How is it measured?

National registration offices collect information on the number of vehicles registered by engine size and motive power.

What are the disadvantages of the Indicator?

Research has shown discrepancies between 'on road' fuel consumption and emission rates (i.e. real driving circumstances) and test emission values, resulting from poor driving behaviour, worsening traffic conditions and other problems, not generally taken into account in policy making. This emphasises the need for regular maintenance and inspection programmes, improvement of traffic management and changes in driving behaviour. (TERM 2002)

What is the policy relevance of the indicator?

The introduction of enforcement to renew the vehicle park can have an impact on the energy efficiency and intensity of transport, as well as on the related indicators.

The Indicator is relevant for the following pathways of the FORESIGHT FOR TRANSPORT exercise:

	Transport Impact	External Determining Variable	Intermediate Variable	Contextual Information
Trends regarding renewable energy source (RES) and rational use of energy (RUE)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Technological improvements and alternative fuels	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Growth of transport demand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>