

Group 3. Spatial planning and accessibility

Indicator 10 - Access to basic service

<i>Objectives</i>	Improve access to employment, services and leisure activities by environmentally friendly transport and reduce the need to travel.
<i>Definition</i>	Average journey length and time by mode and purpose is used as a proxy indicator for access to basic services.
<i>Sub-indicators</i>	Average journey length. Average journey time.
<i>Concepts</i>	<p>A <u>trip</u> is a travel from one place to another place with the purpose of undertaking another activity. A <u>journey</u> is the travel from a place (home) to a destination and back. A journey will consist of at least 2 trips. The indicator should rather relate to trips than to journeys.</p> <p>The <u>length of a trip/journey</u> is the actual distance travelled.</p> <p><u>Mode of transport</u> is the predominant mode of transport used on the trip/journey.</p> <p><u>Purpose of trip/journey</u> is the main purpose to carry out the journey, i.e. commuting, business, holidays, shopping, leisure or other family purposes.</p> <p><u>Trip/Journey time</u> is the time spent from start to arrival, inclusive of waiting time.</p>
<i>Methodology</i>	Daily mobility surveys.
<i>Problems related to the sources</i>	<p>Daily mobility surveys are not carried out on a regular basis in all European countries.</p> <p>Further, the existing surveys are not harmonised as regards coverage and definitions.</p>
<i>Relevant literature</i>	<ol style="list-style-type: none"> 1. Are we moving in the right direction? EEA 2000 2. Indicators tracking transport and environment integration in the EU EEA 2001 3. Transport and Environment statistics for the Transport and Environment Reporting Mechanism (TERM) for the European Union. Eurostat. 4. Glossary for Transport statistics. Eurostat/ECMT/UNECE 5. Phare project FC207, transport sector statistics, phase 2 6. EEA fact sheet, cf. http://themes.eea.eu.int/Sectors_and_activities/transport/indicators/spatial/basic/Access_to_basic_services___TERM_2001.pdf

Indicator 11 - Access to transport service

Objective To provide access to quality transport services for all citizens
To do this in a way that creates as little travel as possible, and that preferably by environmentally friendly modes.

Definition Proxy indicators:

- Share of population within a given distance and time from public transport nodes
- Number of cars and buses per capita.

Sub-indicators Distance to train station, minutes of walk
Distance to bus stop, minutes of walk
Number of cars and buses per capita

11.1 Distance to bus and train

Methodology The data on access to bus and train stop may be obtained from household sample surveys.

Problems related to the methodology The bus and train service may vary from cities to rural areas. Some restrictions on the service level should be applied, e.g. at least hourly service in daytime.

Alternative indicators Alternative proxy indicators might be the density of public transport stops/stations per km² for selected cities and regions.

11.2 Number of cars and buses

Concepts Passenger car is a road motor vehicle other than a motorcycle, intended for the carriage of passengers and designed to seat no more than nine persons (including the driver). Cars include taxis and may also include pick-ups. (4)

Bus is passenger road motor vehicle designed to seat more than nine persons (including the driver). Mini-buses are included. (4)

Problems related to the definition According to the Glossary (4) vehicles designed to transport of both passengers and goods should be classified either among the passenger road vehicles or among the goods road vehicles, depending on their primary purpose. The level of information on the primary use of the vehicle may vary among countries and impact the statistics.

Methodology Data on cars and buses can be obtained from the vehicle registers.

Problems related to the methodology The statistics require an updated and reliable vehicle register.

Relevant literature

1. Are we moving in the right direction? EEA 2000
2. Indicators tracking transport and environment integration in the EU EEA 2001
3. Transport and Environment statistics for the Transport and Environment Reporting Mechanism (TERM) for the European Union. Eurostat.
4. Glossary for Transport statistics. Eurostat/ECMT/UNECE
5. EEA fact sheet, cf.
http://themes.eea.eu.int/Sectors_and_activities/transport/indicators/spatial/transport/Access_to_transport_services___TERM_2001.pdf