

RESULTS FACTSHEET

TRA09: LEVEL OF SERVICE

DEFINITION- OBJECTIVE

The indicator assesses the operation conditions of the motorway on every carriageway, as appreciated by the users and is determined on the basis of certain limit values of parameters, such as speed, flow and density. It is characterized as level A, B, C, D, E, F, with a decreasing conditions' quality. The indicator's objective is to check the level of service on Egnatia Odos Motorway.

RESULTS- ASSESSMENT

LEVEL OF SERVICE IN THE EGNATIA MOTORWAY, 2007	
Egnatia Motorway Section	LEVEL OF SERVICE (peak hour)
Igoumenitsa I/C - Vasiliko I/C	A
Neochori I/C - Sellon-Tyria I/C	A
Peristeri I/C - Metsovo I/C	A
West Grevena I/C - East Grevena I/C	A
Kalamia I/C - Kozani I/C	A
Polimylos I/C - Veria I/C	A
Veria I/C - Kouloura I/C	A
Niseli I/C - Klidi I/C	A
Ionia-Diavata I/C (K2) - Efkarpia I/C (K4)	B
Efkarpia I/C (K4) - Lagadas-Serres I/C	C
Lagadas-Serres I/C - Profitis I/C	A
Profiti I/C - Vaichori I/C	A
Asprovalta I/C - Strymonas I/C	A
Ag. Syllas I/C - Lefki Ammos I/C	A
Iasmos I/C - West Komotini I/C	A
West Komotini I/C - East Komotini I/C	A
Alexandroupolis I/C - VIPE Alexandroupolis I/C	A
VIPE Alexandroupolis I/C - Ardanio I/C	A

Data source: Department of Traffic, EGNATIA ODOS A.E., 2008

The table above presents the assessed level of service (during the rush hours) on the Egnatia Motorway sections that operate and for which information concerning traffic volumes is available. As can be seen, the great majority of sections are marked with an A level of service. An exception from this rule comprises the suburban areas

surrounding the city of Thessaloniki, where the level of service is still given a B or even a C.

Level of Service A.

Free flow conditions with low traffic volumes and a high speed. The traffic density is low the speed is determined exclusively by the drivers, the speed limits and current road conditions.

Level of Service B.

Steady flow and a speed that is somehow restricted, as a result of the traffic conditions. Drivers are able within reason to choose their speed and traffic lane.

Level of Service C.

Level C still belongs to the zone of steady flow but the speed and manoeuvres are mainly controlled by the higher traffic volumes. The choice of speed, change of traffic lane and overtaking is restricted for most drivers. The operating speed however still remains at a satisfying level.

Sources

Department of Traffic- Operation Directorate- Operation and Maintenance Division of EGNATIA ODOS AE.

URL: <http://www.egnatia.eu/page/default.asp?la=1&id=257>

Email: traffic@egnatia.gr

Methodology

To assess the indicator (level of service), we take into consideration the collected traffic data (rush hour) and the traffic capacity assessment of the partial sections of the Egnatia Motorway. The elaboration of data and identification of the service level is carried out by the Traffic Department of EGNATIA ODOS AE, which carries out systematic traffic counts on the Egnatia Odos road sections given to traffic. In particular, a complete system of data collection and traffic counts elaboration has been developed, which in its final form will comprise of a total of 65 traffic count stations (including toll stations). The systems used at traffic count stations are inductive loop and remote traffic microwave sensor systems, while the collection of counts is carried out with a special telemetry software and with the use of telematics equipment, so as to transfer data from all remote points of the axis to the central offices of EGNATIA ODOS AE in Thessaloniki.