Modal split in EU25, in HU and in the USA

Passenger transport (pkm)

- EU25 2004
- HU 2005
- USA 2003

Goods transport (tkm)

- EU25 2005
- HU 2006
- USA 2003

Source: Eurostat, KSH, KTI
Motorization 1970 - 2020

Number of passenger cars per 1000 persons

- **US**
- **EU15**
- **HU**

© Institute for Transport Sciences  Source: Data: Eurostat, Forecast: KTI
Number of Passenger Cars per 1000 Inhabitants

© Institute for Transport Sciences
Source: Eurostat
# Road Fatalities: persons killed

<table>
<thead>
<tr>
<th>(growth)</th>
<th>1990</th>
<th>growth</th>
<th>2000</th>
<th>growth</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU25</td>
<td>70 628</td>
<td>-25.7%</td>
<td>52 489</td>
<td>-21.4%</td>
<td>41 274</td>
</tr>
<tr>
<td>EU15</td>
<td>55 888</td>
<td>-26.6%</td>
<td>41 009</td>
<td>-24.5%</td>
<td>30 959</td>
</tr>
<tr>
<td>HU</td>
<td>2 432</td>
<td>-50.7%</td>
<td>1 200</td>
<td>+6.5%</td>
<td>1 278</td>
</tr>
</tbody>
</table>

© Institute for Transport Sciences  Source: Eurostat
The accessibility of the express ways: spheres of attraction of 15 minutes and 30 minutes - first-half of 2006
Number of Vehicles on the Roads, Number of Accidents and Killed in Road Accidents in Hungary

Cars (million units)

- 2,200,000
- 2,401,949
- 2,700,000
- 3,200,000
- 3,700,000
- 3,650,000 estimated


Fatal injury (people)

- 2,432
- 2,500
- 2,000
- 1,500
- 1,000
- 1,305


Number of accidents

- 27,507
- 30,000
- 25,000
- 20,000
- 15,000
- 20,677


© Institute for Transport Sciences  Source: KTI, KSH
Emissions of CO₂ in Hungary by Sectors

1990
- Industry: 3%
- Agriculture: 6%
- Households: 24%
- Services: 26%
- Transport: 12%
- Power stations: 5%
- Other steam/heat production: 25%

2000
- Industry: 4%
- Agriculture: 8%
- Households: 18%
- Services: 16%
- Transport: 18%
- Power stations: 33%
- Other steam/heat production: 5%

2004
- Industry: 3%
- Agriculture: 11%
- Households: 20%
- Services: 15%
- Transport: 19%
- Power stations: 29%
- Other steam/heat production: 3%
Annual Harmful Emissions of Road Traffic in Hungary (1991=100%)

- CO
- CH
- NO₂
- SO₂
- Pb
- Soot*
- CO₂
- number of motor-vehicles in public roads

* Since 1995 particle emission

Source: KTI - Merétei T.
Public Passenger Transport Performances in Hungary (pkm)

million pkm

Urban and Interurban

Interurban

Urban
Characteristics of the Bus Fleet of the VOLÁN Associations

<table>
<thead>
<tr>
<th>Year</th>
<th>Streamlined Buses</th>
<th>Buses Having Environment Protecting Engines</th>
</tr>
</thead>
<tbody>
<tr>
<td>1996</td>
<td>8</td>
<td>21</td>
</tr>
<tr>
<td>1997</td>
<td>11</td>
<td>41</td>
</tr>
<tr>
<td>1998</td>
<td>13</td>
<td>45</td>
</tr>
<tr>
<td>1999</td>
<td>17</td>
<td>48</td>
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<tr>
<td>2000</td>
<td>21</td>
<td>59</td>
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<tr>
<td>2001</td>
<td>27</td>
<td>68</td>
</tr>
<tr>
<td>2002</td>
<td>32</td>
<td>74</td>
</tr>
<tr>
<td>2003</td>
<td>39</td>
<td>85.6</td>
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<tr>
<td>2004</td>
<td>42</td>
<td>91.7</td>
</tr>
<tr>
<td>2005</td>
<td>47</td>
<td>95.5</td>
</tr>
</tbody>
</table>

© Institute for Transport Sciences, Source: VOLÁN Egyesülés
Rolling Stock for Railbound Local Passenger Transport

- **Tram**
- **Metro**
- **Suburban railway**
- **Trolley bus**

Unit


(billion tkm)

Road*
* Change of Methodology in 2002

Rail
Pipelines
Inland waterways

© Institute for Transport Sciences
Source: KSH
Goods Transport Performances in Hungary
Traffic Load on Road Network in 2005

On the basis of the publication having the title of "The cross sectional traffic of the national public roads for 2005"
Railway Freight Transport
- Transit with Combined Transport

<table>
<thead>
<tr>
<th>Year</th>
<th>Escorted (Ro-La)</th>
<th>Unescorted and Huckepack</th>
<th>Carload Shipments</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td></td>
<td></td>
<td>3,000,000</td>
</tr>
<tr>
<td>2001</td>
<td></td>
<td></td>
<td>3,500,000</td>
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<tr>
<td>2002</td>
<td></td>
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<td>4,000,000</td>
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<tr>
<td>2003</td>
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<td></td>
<td>4,500,000</td>
</tr>
<tr>
<td>2004</td>
<td></td>
<td></td>
<td>5,000,000</td>
</tr>
<tr>
<td>2005</td>
<td></td>
<td></td>
<td>6,000,000</td>
</tr>
</tbody>
</table>

Source: MÁV Zrt.
Number of Trucks in Ro-La Traffic

Number of trucks of transit in Hungary

Number of trucks of arrived in Hungary

Number of trucks of started from Hungary

© Institute for Transport Sciences  Source: Hungarokombi, MÁV Cargo
National Public Ports in Hungary

- National Public Port (OKK)
- OKK with a Ro-Ro port
- OKK with a Ro-Ro port, under development
- Border port under development
- OKK border port

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Source: Ministry of Economy and Transport (GKM)