Road Traffic Accident Statistics
Elements of Traffic Accidents

According to Eurostat/OECD/UNECE definition a road traffic accident should

- occur in a road open to traffic
- include at least 1 injury or 1 death
- involve at least one 1 vehicle in motion
Data Source

- General Directorate of Public Security (GDPS)
- General Commanderie of Gendermarie (GCG)
- Traffic Insurance Information Center (TRAMER)

Compiled Data

- Traffic accidents with killed and injured people and material loss occurred in road network of our country with details as: accident type, weather and road conditions, deaths with passenger pedestrian and road breakdown, accident faults as passenger pedestrian and road faults, vehicles involved in accidents, age distribution of deaths, etc.
Calculations for Road Traffic Accidents

Calculations made by TurkStat on Police and Gendermarie data for:

- total number of accidents, deaths and injuries in Turkey (police+gendermarie)
- number of accidents deaths and injuries per road motor vehicle
- number of deaths and injuries per accident
- number of deaths at accident scene and at hospital (since 2015)
- ratio of the population influenced from accidents
- “accidents per km driven” (since 2015)
Data Collection Method and Period

• Data is produced T+7 (will be T+6 by 2018) months after the accident

• Data is compiled data tables provided by Police (GDPS) and Gendermarie (GCG)

• TurkStat check and combine GCG and GDPS data for adding up Turkey totals

• Police publish temporary monthly data

• TurkStat publish annual and final data after checks
TurkStat Road Traffic Accident Publications

- Official and final Road Traffic Accident Statistics of Turkey are published yearly by TurkStat combining Police (GDPS) and Gendermarie (GCG) data.

- Two types of TurkStat publications:
  1. Press Release
     http://www.turkstat.gov.tr/PreHaberBultenleri.do?id=24606
  2. News Room
# Main Road Accident Statistics

<table>
<thead>
<tr>
<th>Year</th>
<th>Total number of accidents</th>
<th>Number of accidents involving death or injury</th>
<th>Number of accidents involving material loss only</th>
<th>Number of persons killed Total</th>
<th>At accident scene</th>
<th>Accident follow-up(1)</th>
<th>Number of persons injured</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>825 561</td>
<td>106 994</td>
<td>718 567</td>
<td>5 007</td>
<td>5 007</td>
<td>-</td>
<td>189 057</td>
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<tr>
<td>2008</td>
<td>950 120</td>
<td>104 212</td>
<td>845 908</td>
<td>4 236</td>
<td>4 236</td>
<td>-</td>
<td>184 468</td>
</tr>
<tr>
<td>2009</td>
<td>1 053 346</td>
<td>111 121</td>
<td>942 225</td>
<td>4 324</td>
<td>4 324</td>
<td>-</td>
<td>201 380</td>
</tr>
<tr>
<td>2010</td>
<td>1 106 201</td>
<td>116 804</td>
<td>989 397</td>
<td>4 045</td>
<td>4 045</td>
<td>-</td>
<td>211 496</td>
</tr>
<tr>
<td>2011</td>
<td>1 228 928</td>
<td>131 845</td>
<td>1 097 083</td>
<td>3 835</td>
<td>3 835</td>
<td>-</td>
<td>238 074</td>
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<tr>
<td>2012</td>
<td>1 296 634</td>
<td>153 552</td>
<td>1 143 082</td>
<td>3 750</td>
<td>3 750</td>
<td>-</td>
<td>268 079</td>
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<tr>
<td>2013</td>
<td>1 207 354</td>
<td>161 306</td>
<td>1 046 048</td>
<td>3 685</td>
<td>3 685</td>
<td>-</td>
<td>274 829</td>
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<td>2014</td>
<td>1 199 010</td>
<td>168 512</td>
<td>1 030 498</td>
<td>3 524</td>
<td>3 524</td>
<td>-</td>
<td>285 059</td>
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<tr>
<td>2015</td>
<td>1 313 359</td>
<td>183 011</td>
<td>1 130 348</td>
<td>7 530</td>
<td>3 831</td>
<td>3 699</td>
<td>304 421</td>
</tr>
<tr>
<td>2016</td>
<td>1 182 491</td>
<td>185 128</td>
<td>997 363</td>
<td>7 300</td>
<td>3 493</td>
<td>3 807</td>
<td>303 812</td>
</tr>
</tbody>
</table>

(1) Includes the deaths within 30 days after the traffic accidents due to related accident and its impacts for people who were injured and sent to health facilities.
- Denotes magnitude null.

http://www.tuik.gov.tr/PreHaberBultenleri.do?id=24606
Main Road Accident Statistics

Main Road Accident Statistics

1.1 Trafik kazalarında yüzbin nüfusa düşen ortalama ölü ve yaralı sayısı, 2002-2011

Number of average killed and injured persons per hundreded thousands population, 2002 - 2011

Ölü sayısı
Number of persons killed

Yaralı sayısı
Number of persons injured
Main Road Accident Statistics

1.2 Trafik kazasından etkilenen kazazedeler, 2002-2011

Ölü sayısı - Number of persons killed

Number of victim of accidents in road traffic accidents, 2002-2011

- Sürücü - Driver
- Yolcu - Passenger
- Yaya - Pedestrian
Compliance With EU Traffic Accident Statistics

- **CARE** is the common database of EU road accident statistics in which the data definitions, coverage and dissemination periods are outlined by the EU directive 93/704/EC.

- Turkey is providing more than 78% of all variables in CARE.

- By Eurostat/OECD/UNECE definition, road traffic accident deaths include deaths during **30 days** after the accident event.

- In Turkey, **30 days follow-up of road accident deaths are produced since reference year 2015**.

- Main **statistical gap in Turkey compared to CARE** is the breakdown of accident injuries as heavy and light injuries. This data is planned to be published after the work is finished by GDPS and GCG.
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