On the state of road safety on the roads of republican importance and the measures taken to prevent it
ANALYSIS OF ROAD TRANSPORT ACCIDENTS FOR 2018

On roads of republican and international importance

<table>
<thead>
<tr>
<th></th>
<th>2017 Year</th>
<th>2018 Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accidents</td>
<td>2276</td>
<td>3962</td>
</tr>
<tr>
<td>Dead</td>
<td>778</td>
<td>792</td>
</tr>
<tr>
<td>Injured</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Decrease: 1.8%, 6.3%, -10.8%

II

RATES OF SEVERITY OF ROAD TRANSPORT ACCIDENTS FOR 2018

Proportion of accidents on republican roads

<table>
<thead>
<tr>
<th></th>
<th>2017 Year</th>
<th>2018 Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accidents</td>
<td>13.95</td>
<td>13.5</td>
</tr>
<tr>
<td>Dead</td>
<td>37.9</td>
<td>37.8</td>
</tr>
<tr>
<td>Injured</td>
<td>18.6</td>
<td>17.3</td>
</tr>
</tbody>
</table>

Decrease: -1.3%, -0.1%, -0.45%

Increase: -1.3%, -0.1%, -0.45%
Share of accidents by regions in the total number of accidents:

- Almaty region: 37.8%
- Zhambyl region: 30.5%
- Akmola region: 14.9%
- East Kazakhstan region: 11.6%
- Others: 6.5%

The proportion of the length of areas in the total road network:

- Almaty region: 67%
- Zhambyl region: 11.6%
- Akmola region: 9.5%
- East Kazakhstan region: 14.0%
- Others: 4.7%
The share of the committed on the roads of republican importance from the total number of accidents in the region

<table>
<thead>
<tr>
<th>Region</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turkestan region</td>
<td>9.7</td>
</tr>
<tr>
<td>North Kazakhstan region</td>
<td>28.3</td>
</tr>
<tr>
<td>Pavlodar region</td>
<td>13</td>
</tr>
<tr>
<td>Mangystau</td>
<td>15.9</td>
</tr>
<tr>
<td>Kyzylorda region</td>
<td>10.5</td>
</tr>
<tr>
<td>Kostanai region</td>
<td>17.4</td>
</tr>
<tr>
<td>Karaganda region</td>
<td>22.4</td>
</tr>
<tr>
<td>West Kazakhstan region</td>
<td>21.3</td>
</tr>
<tr>
<td>Zhambyl</td>
<td>24.9</td>
</tr>
<tr>
<td>East Kazakhstan region</td>
<td>12</td>
</tr>
<tr>
<td>Atyrau</td>
<td>16.4</td>
</tr>
<tr>
<td>Aktobe</td>
<td>17.5</td>
</tr>
<tr>
<td>Akmola</td>
<td>17.5</td>
</tr>
<tr>
<td>Almaty</td>
<td>28.7</td>
</tr>
</tbody>
</table>

Average republican rate 13.5%
ANALYSIS ON TYPES AND REASONS OF ACCIDENTS

Main reasons

- Excessive speed – 32%;
- Driving on the wrong side of the road – 17.6%;
- Insufficient distance – 7.2%;
- Violation of rules of vehicles management (wrong maneuvering) – 6.1%;
- Sleeping (overfatigue) – 3.8%;
- Driving in a drunken state – 2.1%.
ANALYSIS ON SEASONALITY AND TIME OF DAY

The graph shows the variation in some metric over time, with markers for specific months and time windows. The values range from 0 to 400, with peaks and valleys indicating seasonal trends.

- **Month:**
  - January: 128
  - February: 116
  - March: 154
  - April: 146
  - May: 175
  - June: 175
  - July: 217
  - August: 225
  - September: 196
  - October: 187
  - November: 210
  - December: 204

- **Time Windows:**
  - 00-02: 16%
  - 02-04: 19.2%
  - 04-06: 28.3%
  - 06-08: 36.5%
  - 08-10: 28.9%
  - 10-12: 27.8%
  - 12-14: 16%
  - 14-16: 19.2%
  - 16-18: 28.3%
  - 18-20: 36.5%
  - 20-22: 28.9%
  - 22-24: 27.8%
ANALYSIS ON AGE CATEGORIES

Age of the drivers

- no 20: 114 (5.3%)
- 20-25: 216 (11.4%)
- 25-30: 331 (16.7%)
- 30-35: 288 (14.7%)
- 35-40: 233 (12.2%)
- 40-45: 227 (11.8%)
- 45-50: 185 (9.7%)
- 50-55: 147 (7.7%)
- 55-60: 122 (6.4%)
- above 60: 126 (6.4%)
- unknown: 144 (7.4%)

Number of accidents

- 60,7%
- 34%

VIII
### IMPLEMENTED MEASURES

#### ENGINEERING-TECHNICAL

- **Setting of overground pedestrian crossings** – 14 units – 14 единиц
- **Setting of speed meters** – 22 pcs
- **Setting of LED signs** – 211 pcs
- **Setting and replacement of road signs** – 12 420 pcs
- **Setting of noise bands** – 3 041 m²
- **Setting of lightening** – 53 km
- **Setting of road buffer** – 426 pcs
In total, there are 1114 places on the republican network.
Hitting of barrier fences
7 accidents, died 6, injured 11 people

**Planned for 2019:**
- Setting of noise bands – 4,423 m²;
- Setting of road buffers – 382 pcs.;
- Setting of LED signs – 164 pcs.;
- Setting of speed meters – 8 pcs.
In 2018 75 accidents took place, died 27, injured 95 people.

In 2017 – 54 accidents, died 10, injured 95 people