Interreg
Central Baltic

European Union
European Regional
Development Fund

Smart and Safe Traffic Management

2022

LW 2

Statistics of traffic safety

Traffic safety policies and priorities in different countries

STATISTICS

- ✓ What information and for what we need?

- ✓ What are the adequate and reliable sources of information ?

STATISTICS OF TRAFFIC SAFETY

- ✓ What information is related to the traffic environment and what is not?

- ✓ Reliable sources of information about traffic statistics

- ✓ Randomness in traffic statistics

- ✓ „Anomalies" and „traps" in traffic statistics

STATISTICS OF TRAFFIC SAFETY

- ✓ We can:
  - ✓ do science
  - ✓ just summarize the traffic situation
  - ✓ just confirm the facts

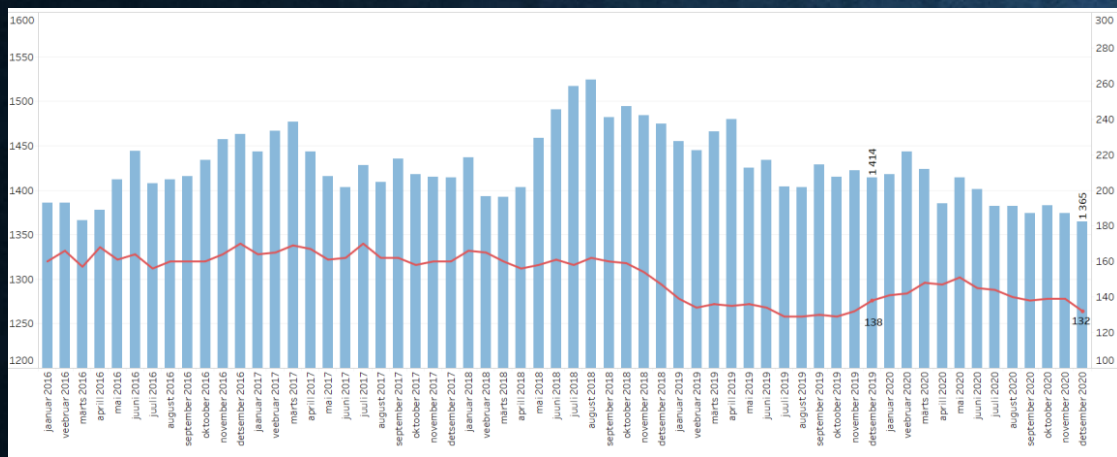What is the difference?

STATISTICS OF TRAFFIC SAFETY

✓ Traffic forecasts:

    ✓ how and for what purpose?

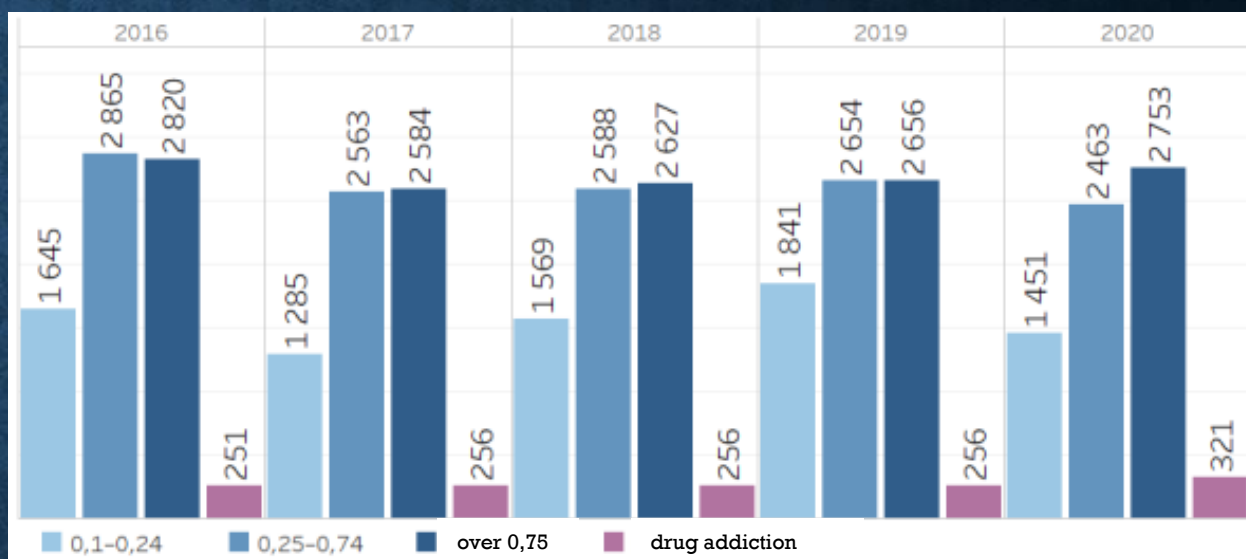   ✓ how realistic it is in a rapidly changing world?

EXAMPLE - ESTONIA

✓ Four times a year the Transport Administration prepare an overview:
  - ✓ traffic frequency
  - ✓ traffic accidents
  - ✓ killed and injured road users (separately by species)
  - ✓ speeding
  - ✓ use of security equipment
  - ✓ drunk drivers
  - ✓ traffic control (by police) - violations and procedures
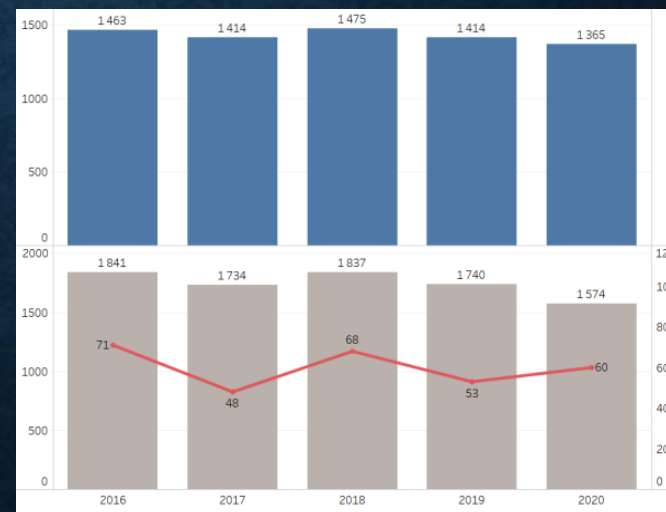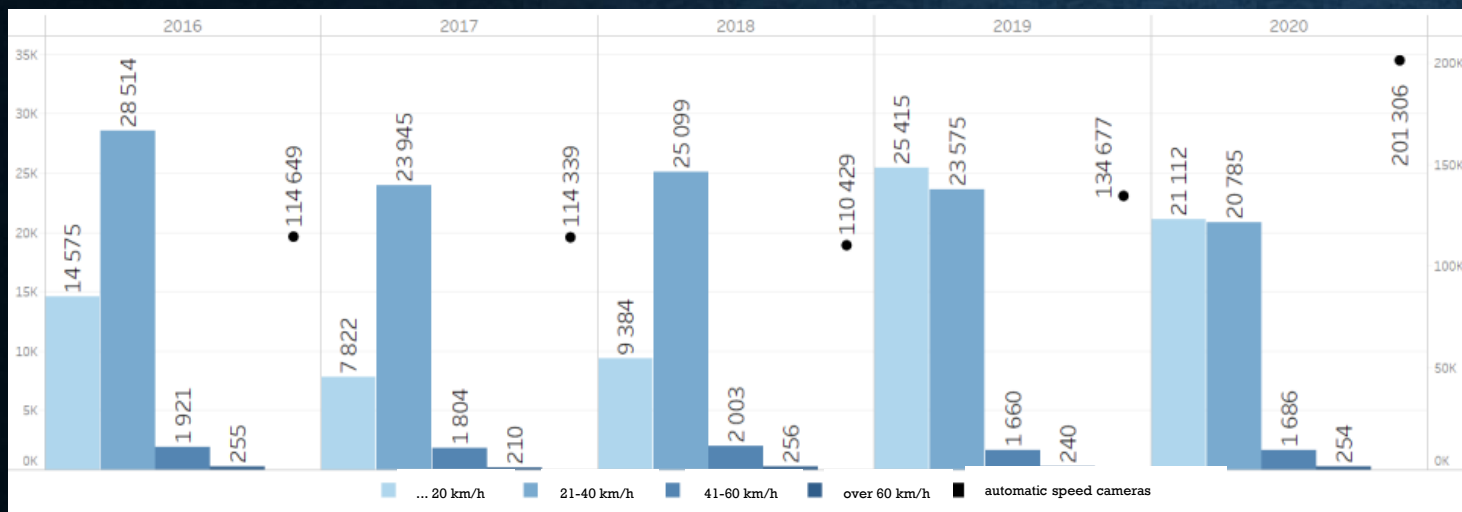
EXAMPLE - ESTONIA

EXAMPLE - ESTONIA

- ✓ What to do with this information - are we just fixing facts or …?

CAUSES OF ROAD ACCIDENTS

✓ Statistics of road accidents is based on events:

    ✓ what are the main factors in road accidents?

    ✓ how these factors relate to each other?

    ✓ what and how can be changed?

TRAFIC SAFETY PRIORITIES

- The road traffic system of the future:
  - must eliminate as much as possible the possibility of human mistakes
  - must reduce the damage caused by road accidents

TRAFIC SAFETY PRIORITIES

- ✓ Each country has / should have its own road safety program:
  - ✓ closer goals
  - ✓ long-term goals
    - ✓ financing
    - ✓ who is responsible and for what
    - ✓ deadlines
    - ✓ ....
  - ✓ The same applies to each local municipality

TRAFIC SAFETY PRIORITIES

✓ How to assess that the right problems are being addressed?

✓ Conflict between the public interest and the interests of politicians – is it possible?

    ✓ if so, how to solve this problem?

SITUATION IN THE COUNTRY

✓ SWOT analysis:
  ✓ strengths
  ✓ weaknesses
  ✓ opportunities
  ✓ threats

✓ Can be compiled for both the state and local government

✓ The results must be reflected in road safety strategies!

THE PRINCIPLE OF SHARED RESPONSIBILITY

- ✓ Regardless of country, culture, etc.:
  - ✓ road safety is the responsibility of every party who makes decisions - from road users to parliament

  - ✓ road safety is the responsibility of its creator as well as the user

  - ✓ zero tolerance for our own mistakes!

HOW CAN WE IMPROVE ROAD SAFETY?

- ✓ Implement Vision Zero principles

- ✓ Invest in intelligent infrastructure

- ✓ Increase the safety of less protected road users

- ✓ Implement traffic calming measures

- ✓ Contribute to people's traffic awareness

Traffic is very complicated and complex system,

there are no easy solutions! *

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whoever doubts that is probably wrong

USEFUL LINKS

- ✓ https://www.idrivesafely.com/defensive-driving/trending/most-common-car-accident-fatalities

- ✓ https://www.who.int/news-room/fact-sheets/detail/road-traffic-injuries

- ✓ https://ec.europa.eu/transport/road_safety/statistics-and-analysis/data-and-analysis/facts-and-figures_en

- ✓ https://etsc.eu/tag/eu-road-safety-targets/

- ✓ https://etsc.eu/road-safety-priorities-for-the-eu-briefing-to-members-of-the-european-parliament/

- ✓ https://www.intertraffic.com/news/three-ways-to-improve-road-safety

- ✓ https://ddi.michelin.com/en/mobility-technologies/road-safety-strategy/

Thank you for your attention!