



Den Haag



Speed & Crash data

Combining speed and crash data for safer city roads in The Hague

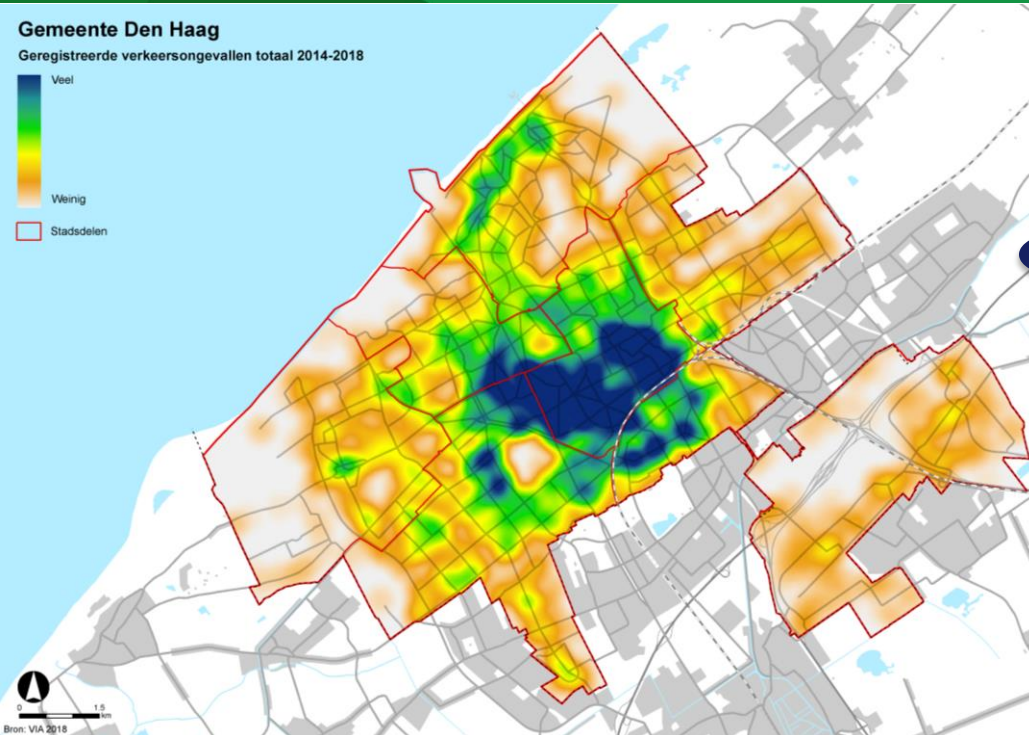
November 20, 2018

The Hague – The Netherlands



- 535.000 inhabitants (3th city)
- 2,3 million agglomeration
- 6,500 people sq per km
- Most dense city in the Netherlands
- Seat of government, embassies & international institutions
- Beach city
- Modal split:
 - 35% car
 - 16% public transport
 - 19% cycling
 - 30% walking

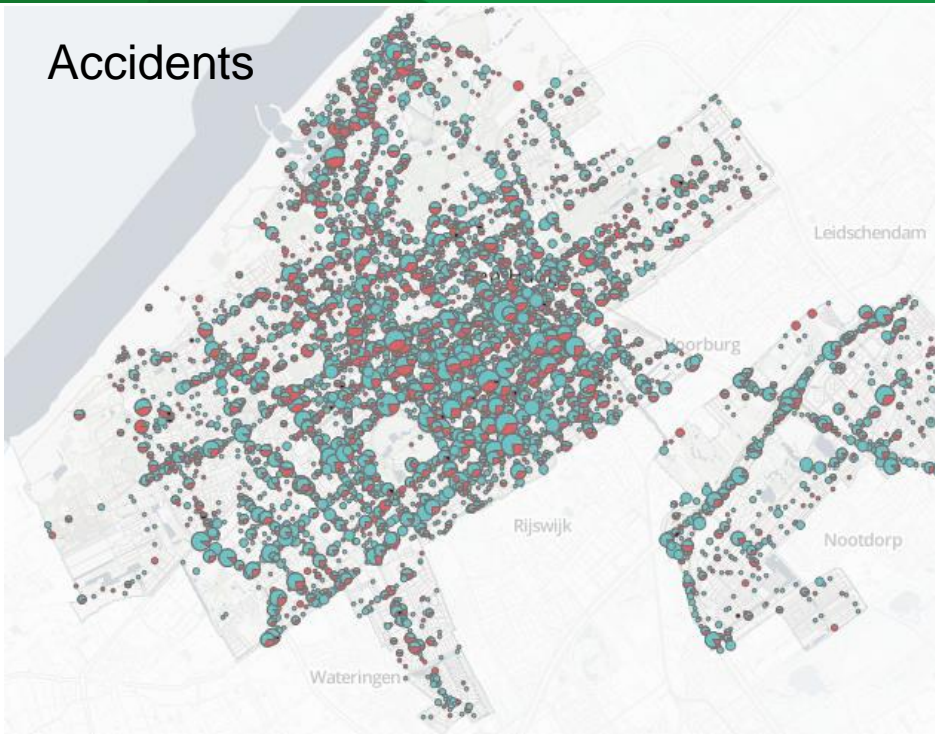
Road Safety in The Hague



- 8 people killed on average
- 1.000 wounded on average
- Increasing trend in wounded people
- 85% accidents 50 km/u roads
- 30 km/u zones are safest (11%)
- 2/3 accidents on crossings
- High risk groups:
 - Adolescents
 - Elder people
 - Cyclists
 - Powerd 2 wheeler

More insight in speeding

Accidents



Speeding

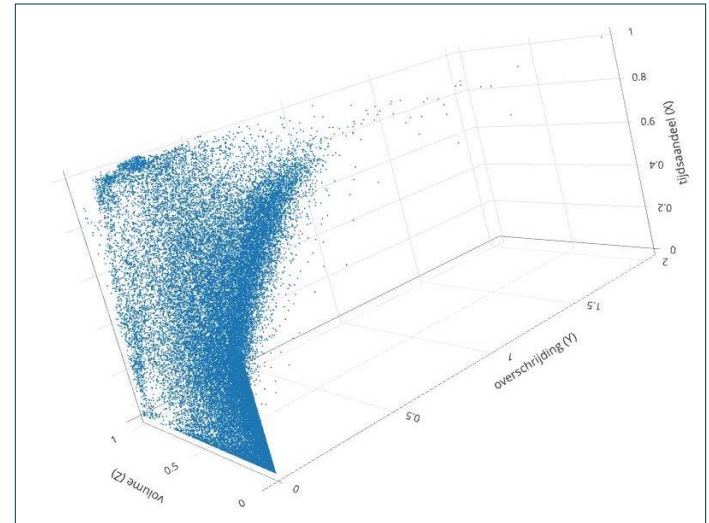


Question to VIA

- On which roads do we see the highest risks?
- How can we best prioritize where measures & enforcement?
- **Can we combine accident & speed data?**

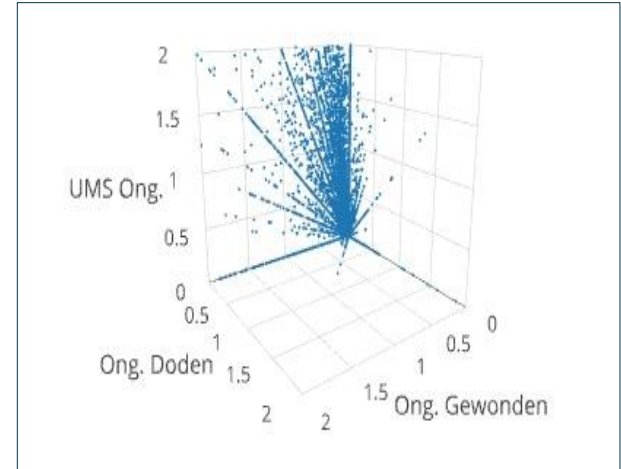
The risk of speed

- Speed Risk is a combination of the indicators
 - Limit overrun
 - Time share of limit overrun
 - Traffic volume
- Filter:
 - Speed without delay



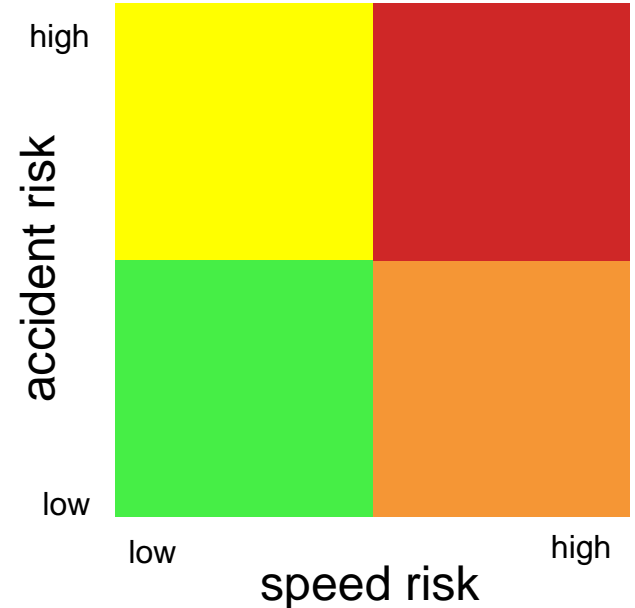
The risk of an accident

- Accident risk is a combination of the indicators
 - Only material damage / km
 - Injured accidents / km
 - Fatal accidents / km
- Filter:
 - Accidents with motor vehicle
 - Accidents on road sections and junctions of roads with lower road function

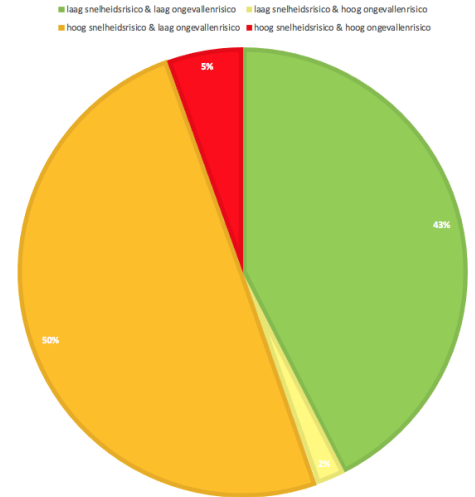
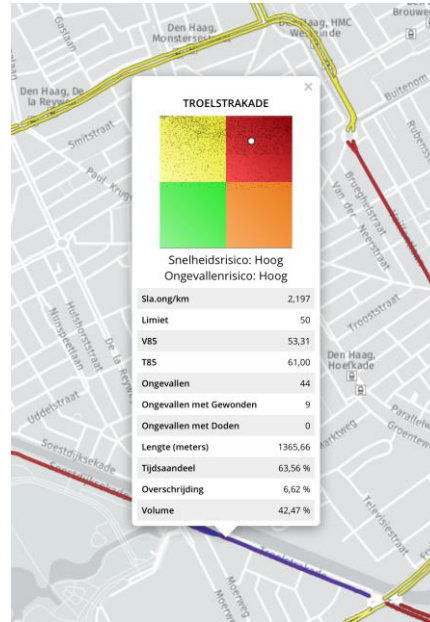


Priority matrix: CROSS

- Crossing speed risk and accident risk
- Translate into a simple priority



Priority map & monitor



Discussion

- What is the best definition of 'speeding'?
 - Limit overrun
 - Time share of limit overrun
 - Number of cars that overrun
 - Combination

- Filter: on speed without delay?



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