



2 minus 1 roads in Denmark

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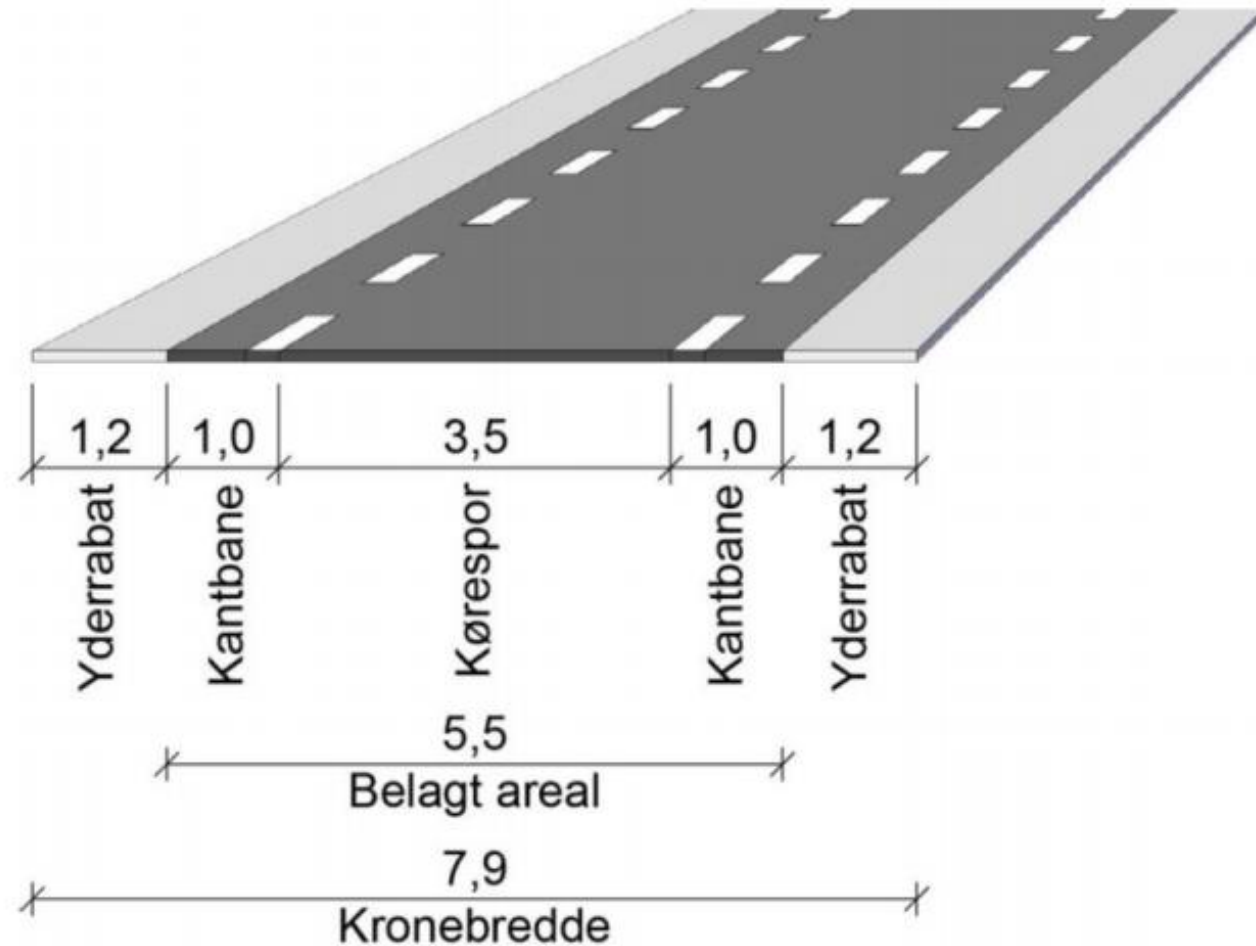
2 minus 1 in Denmark

- State roads in Denmark: around 3 900 km
 - Motorways 1 305 km
 - Highways (motortrafikveje) 327 km
 - Other state roads 2 279 km
- Municipal roads: around 71 000 km
- 2 minus 1 has only been relevant for municipal roads
- So we focus on information about regulations and use



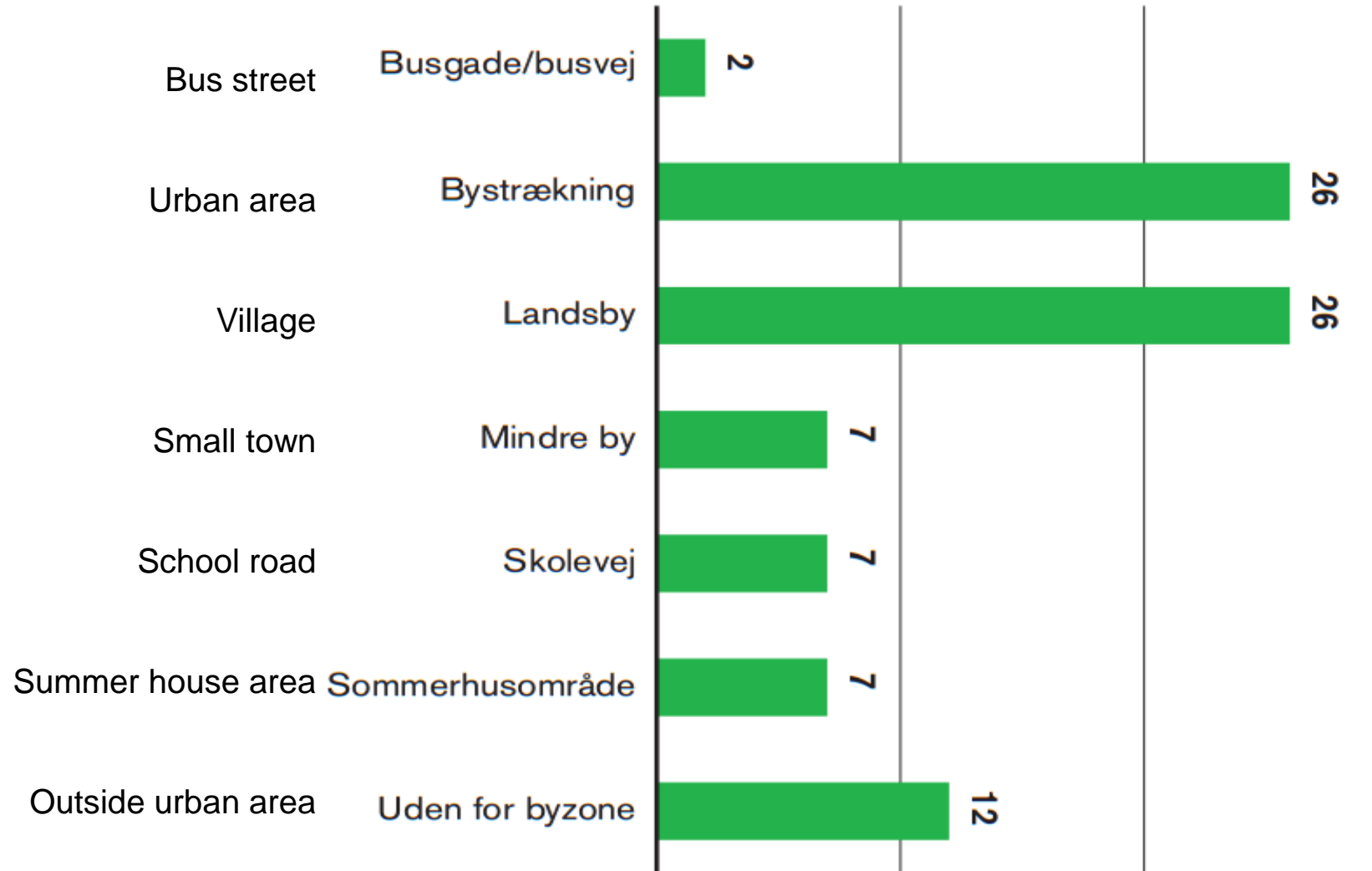
2 minus 1 – originally for rural roads...

- From Danish Road Standards: Tværprofiler i åbent land



...but also used in urban areas

Data from inquiry made in 2015. We have planned new inquiry soon as we now expect more rural roads with 2 minus 1



Regulations for 2 minus 1

- Hastighedsgrænsen/Speed limit
 - Max 60 km/t on rural roads
 - Max 50 km/t in urban areas
- Vognbanebredde/lane width: mellem/between 3,0 og 3,5 meter
- Kantbanen/Edge lane: minimum 0,9 meter inkl. stribe/marking
- Visibility => 2 X stopping sight distance for speed limit
- Oversigt skal være mødesigt (2 X stopsigt) passende til hastighedsgrænse

Film som kommuner kan bruge

Kommunerne savnede informationsmateriale der kunne fortælle bilisterne hvordan man kører på en 2 minus 1 vej
Municipalities needed material about how to drive on a 2 minus 1 road



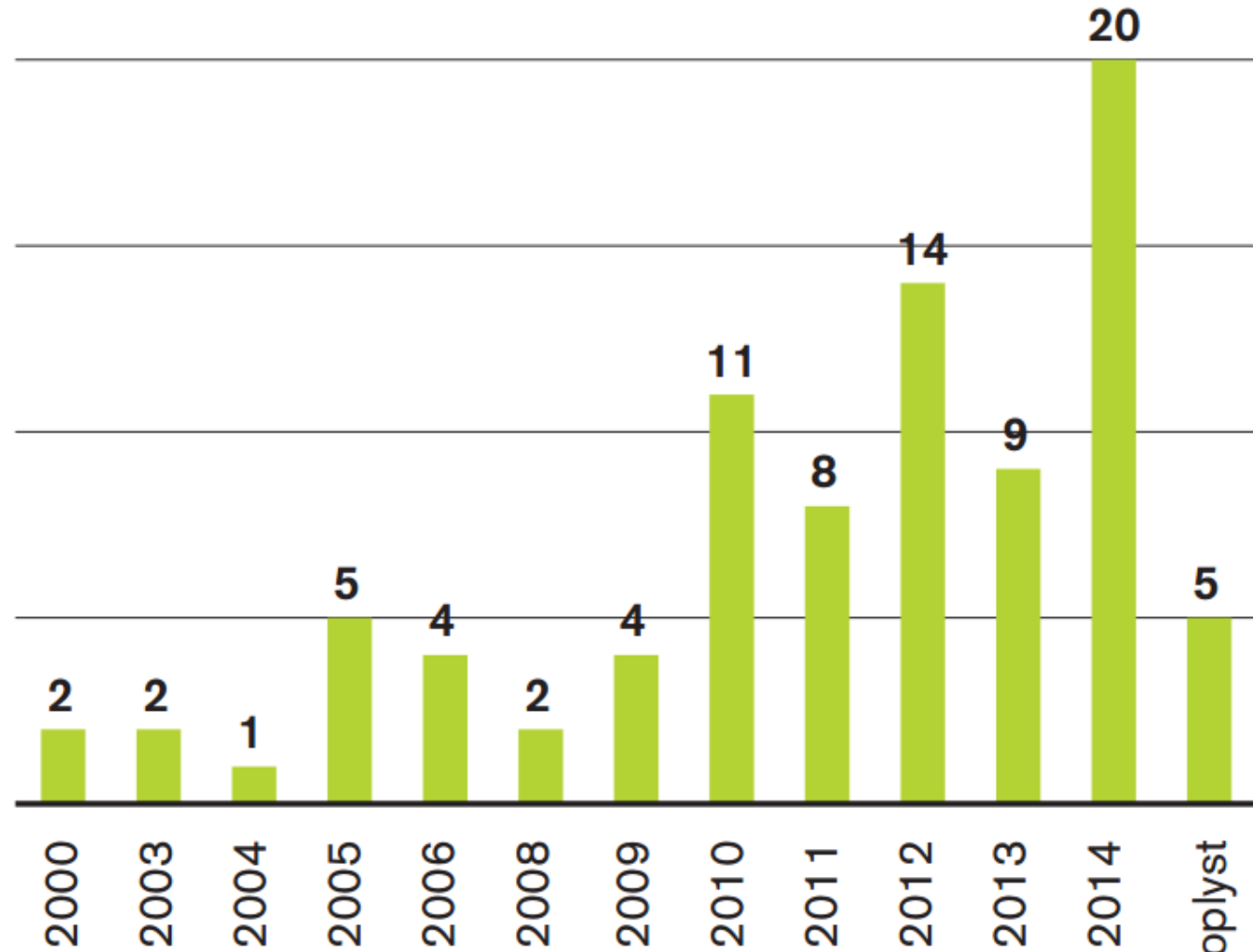
Film on Youtube channel "Vejdirektoratetv" <https://www.youtube.com/watch?v=51azrFbUSFw>

Recommendations for design and use

- Kantbane/Edge lane max 1,5 m
 - If it is too wide => cars drive there
- Peak hour traffic volumes max 300 vehicles/hour
- Recommendation: use speed reduction
- Information is important
- 2 minus 1 not good when there is need for parking



Every year more 2 minus 1



Ikke oplyst

Speed reduction important

- For good effect - Important to lower speed



Nyborg, Østerøvej



Helsingør, Gurrevej



Ringsted, Langagervej

Inspiration for rural 2 minus 1



- Speed reduction
- Improve visibility



VIDEN OG DOKUMENTATION
HASTIGHEDSDÆMPNING PÅ 2 MINUS 1
VEJE I ÅBENT LAND MED 60 KM/H
ANLÆG OG PLANLÆGNING

JUNI 2021

<https://vejregler.dk/h/7e0fba84-06dd-483b-898a-c7b3e3affaa1/6332eb25a27943fdb892f7281a492837?showExact=true>

VEJREGLER